Home Range and Habitat Preferences of *Terrapene carolina carolina* at Jug Bay Wetlands Sanctuary, Maryland

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Senior Thesis: 2004-2005
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I. ABSTRACT

Eastern Box Turtle (*Terrapene carolina carolina*) home range size and habitat preferences were studied over a 9 year period at the Jug Bay Wetlands Sanctuary, Maryland. The analyses made use of data from both mark-recapture and telemetry, and three different methods were used for home range analysis: minimum convex polygon (MCP), bivariate normal (BN), and 90% kernel (K). Only turtles with 5 or more sightings were used for home range determinations, with an average of 26 sightings for females (n = 49), 15 for males (n = 47), and 22 for juveniles (n = 4). Home range sizes were affected weakly if at all by the number of sightings. All analyses yielded significantly larger home ranges for females: for all data and methods combined (mean ± S.D.), 12.9 ± 19.4 ha for females, 5.3 ± 10.2 ha for males ($p < 0.05$). The results were more distinct for telemetry records than for random recaptures. Overall females used more of each of the available habitat types. Both males and females were found at higher frequency in each of the habitats, excluding tidal wetland, than expected based on habitat availability. Females used mostly the Phragmites, scrub shrub, and meadow habitats; males used mostly the open forests, flood plains, dense forests, and meadows; and juveniles used more of the meadow and tidal wetland habitats than either adult females or males. The size and diversity of female home ranges has important conservational implications because, without recognition of this variation, critical nesting habitats are likely to be overlooked.

KEY WORDS: Eastern Box turtle; home range; habitat; tidal wetland; marsh; Maryland

II. INTRODUCTION

An accelerating rate of decline in global biodiversity is currently resulting in impoverished and dysfunctional ecosystems (Ehrlich and Ehrlich, 1981); among the principal causes for this decline are habitat loss, degradation, and fragmentation (Mitchell and Klemens, 2000). It is, therefore, no surprise that the primary cause of population decline of turtles is the ever increasing rate of habitat loss (Mitchell and Klemens, 2000); thus, understanding the home range and habitat preferences of *Terrapene carolina carolina* (Eastern Box Turtle) is crucial for its conservation. Currently, box turtles are viewed as predominantly terrestrial; however, at the Jug Bay Wetlands Sanctuary in Eastern Maryland female (and more rarely male) *T. c. carolina* include the tidal wetlands in their home ranges (Swarth, unpublished data). Since this appears to be the only reported case of *T. c. carolina* using a tidal environment, it is important to determine the significance of this habitat to box turtles.

A. *Terrapene carolina carolina*

Species Distribution

Terrapene carolina carolina is one of the most common terrestrial reptiles in the eastern United States (Claussen et al., 1991). Nicknamed "sticky heels" by the Delaware Indians (Carr, 1994; Dodd, 2001); the Eastern Box turtle is well-known throughout the east (Carr, 1994; Dodd, 2001). It is hard to say what the natural range of this species is because it has been relocated by humans since the paleo-Indian times (Dodd, 2001); however, turtle naturalists tend to agree its current range, natural or anthropogenically induced, is from the mid-west to the EastCoast, shown on the left in Figure 1 (Hunter et al. 1992, Klemens 1993, Mitchell 1994, Palmer and Braswell 1995, Smith 1961, Minton 1972, Conant 1938, and Harding 1997 in Dodd 2001; Ernst et al 1994; Carr, 1952).

Figure 1. Distribution of *Terrapene carolina carolina.* Adapted from Dodd, 2001 & Carr, 1952.

Physical Description & Biology

The most distinctive characteristic of box turtle morphology and perhaps of turtles in general is their protective, hard, bony shell. The shell consists of two parts: the top rounded piece known as the carapace, and the flatter under-piece known as the plastron. Shown in Figure 2, the shell is made up of bones in a similar but not identical pattern as the keratin based scutes that overlay the bones, shown in Figure 3 (Dodd, 2001; Ernst et al, 1994). The offset of the scute to bone layout creates increased strength of the shell (Dodd, 2001). The scutes grow concentrically with the bone (Dodd, 2001). Young turtles have clearly defined pleural sutures (rings) which are used to determine their age, much the same way rings in the tree trunk are used to age trees, though it is important to note that the older the turtle gets the more worn and smooth the shell becomes, making it harder to distinguish and count the individual rings (Dodd, 2001; and Swarth, unpublished data). The carapace and plastron act together as a defense mechanism;

when threatened the turtle may pull its head, tail, and limbs into the shell while simultaneously pulling the hinged plastron up to form a tight seal with the carapace.

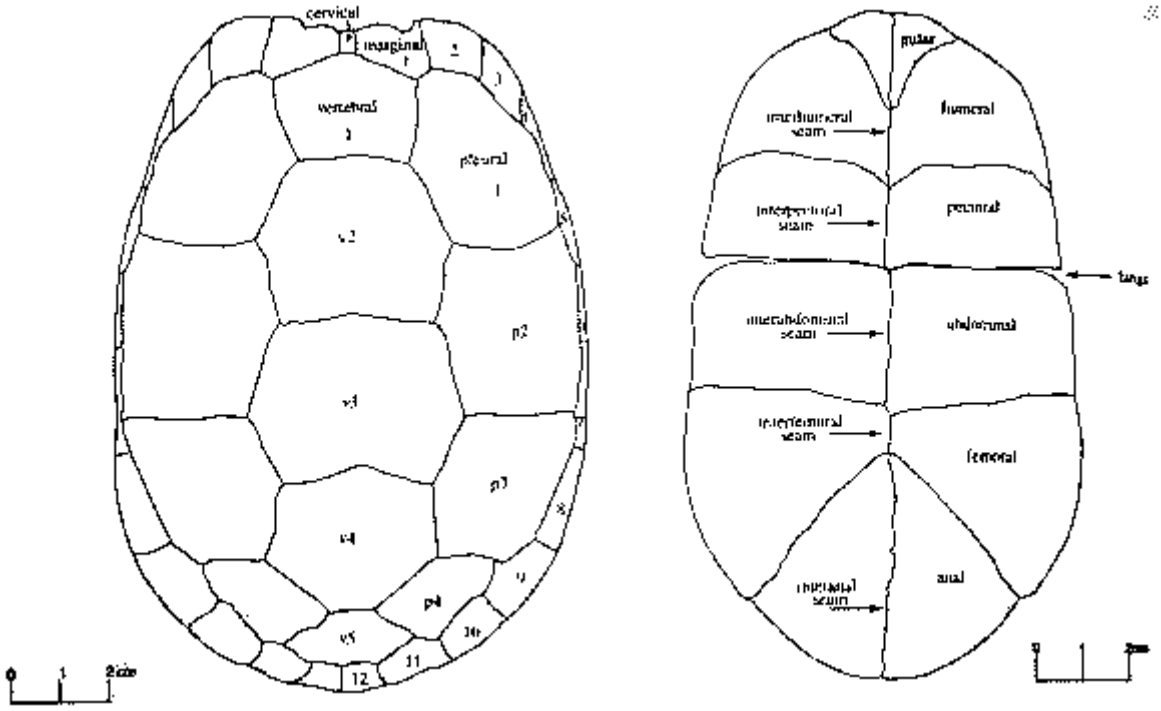

Figure 2.* Box Turtle carapace (left) and plastron (right) scutes.

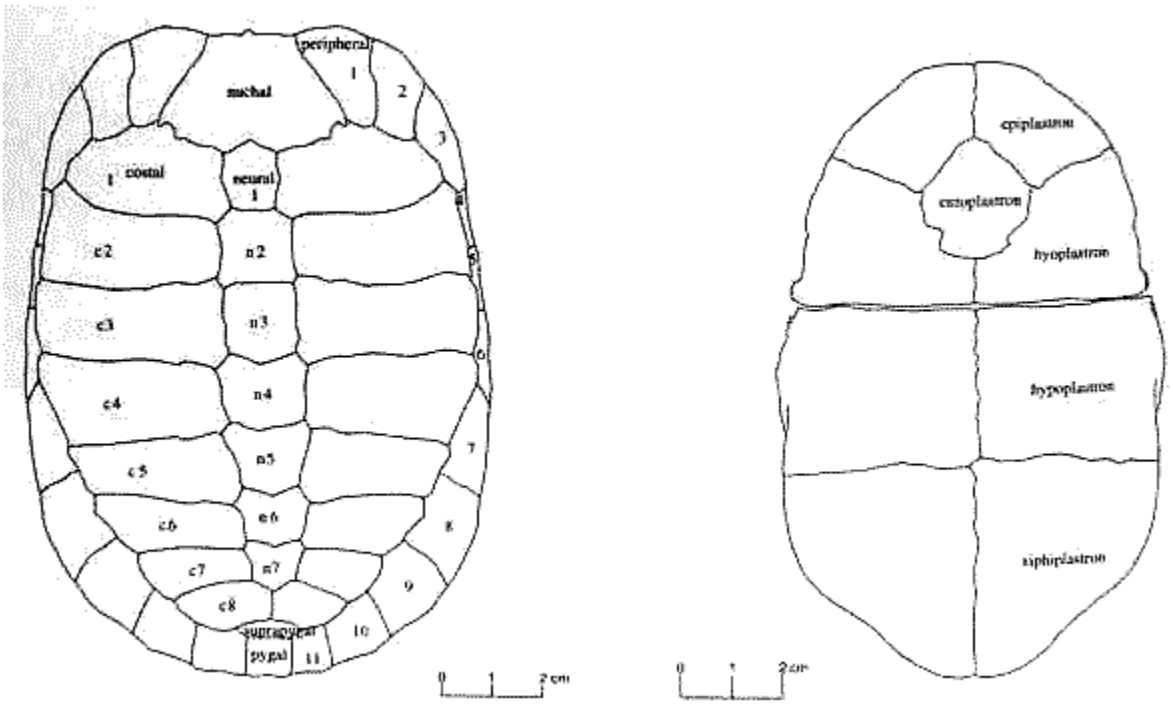

Figure 3*. Box Turtle carapace (left) and plastron (right) bones.

* Taken from Dodd, 2001 (page 8, figures 1-2a, 1-2b, 1-3a & 1-3b)

Commonly referred to as either “Eastern Box Turtle” (Claussen et al., 1991; Dodd, 2001; Ernst et al., 1994; Klemens, 2000) or the “Common Box Turtle” (Carr, 1952), *Terrapene carolina carolina* is distinguished from other, closely related box turtle species by its relatively small size; high, broad carapace most commonly having dark brown coloration with various colored patterns (shown in Figure 4a); the plastron being yellow to black in color, with a variety of patterns, and usually about the same size as the carapace (Figure 4b); the appendages that extend out from the shell (head, neck, tail, and legs) generally dark brown in color with some yellow to orange pattern, and finally, the distinguishing characteristic of having four toes on the hind feet (Dodd, 2001; Carr, 1952). Abnormalities in shell morphology, such as irregularities along the vertebral column (Figure 5), are not uncommon.

Figure 4. The above photographs were taken on May 28th, 2004, while the turtle was being processed at Jug Bay. The male turtle had been found crossing the road by a DNR researcher and Jug Bay volunteer on her way into the Sanctuary. This was the first sighting of this individual turtle; so digital photographs were taken of the carapace (a) and of the plastron (b) to be put in the file for this turtle, then it was given a notch code (L1, L2, R3) and an identification number (436). (photographs taken by J.A. Lentz)

Figure 5. (a) A Juvenile box turtle with vertebral disfigurement. (b) A un-marked box turtle found during a turtle census of a Ha of the southern portion of the sanctuary, near the River Farm. The gender of this turtle was not determined because the turtle remained drawn in its shell and had only a minor plastron impression. In addition to having a vertebral disfigurement, the yellow arrows indicate severe damage to the scutes of the carapace, possibly by a predator. (photographs taken by J.A. Lentz)

Sexual Dimorphism

T. c. carolina are known to be sexually dimorphic. While visual determination of this species is by no means precise, Table 1 lists some common ways to distinguish males from females (Dodd, 2001; Ernst et al, 1994; Carr, 1952).

Table 1. Visual determinants of gender

Males	**Females**
Concave plastron	Flat plastron
Larger (carapace length)	Heavier for a given size
Short, thick hind legs	Long, slender hind legs
Shorter hind foot claws	Longer hind foot claws
Longer, thicker tails	Shorter, thinner tails
Distal anal vent	Proximal anal vent
Flared carapace	Non-flared carapace
Red to Bright red eyes	Brown to yellowish eye


(photographs taken by J.A. Lentz)

Reproduction[1]

The courtship of box turtles has been best studied by Evans (Dodd, 2001; and Ernst et al. 1994). In 1953 Evans observed 72 instances of *T. c. carolina* copulation, from which he theorized that there are three behavioral phases during the mating and courtship process of this species. The first phase may last from several minutes to up to an hour, during which time the male approaches the female, stops roughly 10 cm away from her, watches the female's reaction, then begins to move closer to the female, encircling her and then biting at her shell. The male may also bite and drag the female's shell, push it, or even ram it with his own shell. The female responds to the male's actions by either drawing into her shell and waiting for the male to stop, or trying to flee, to which the male usually responds by dragging her back. The male will eventually mount the female, as shown in Figure 6. The male will move around, clawing at her plastron until he is able to position himself in such a way that he is able to get his hind legs into the rear of her plastron.

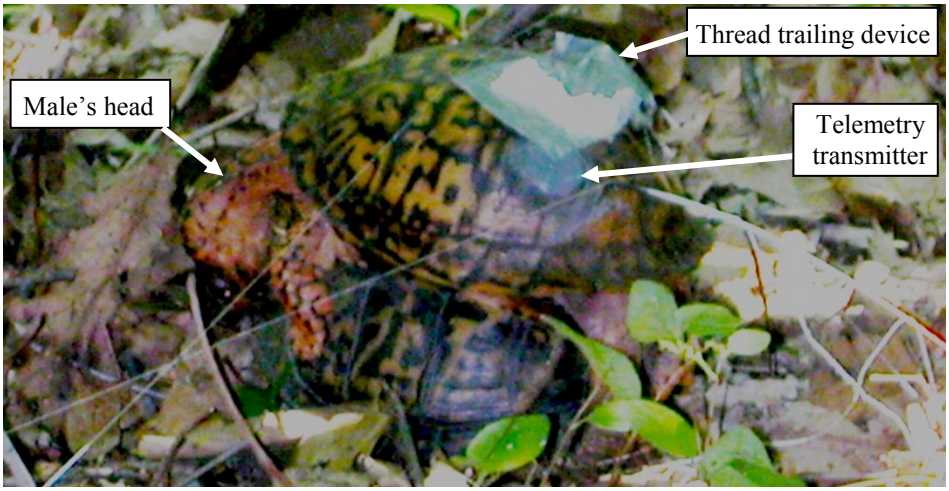

Figure 6. While attempting to get a 24-hour thread-trailing data set of a male telemetry turtle during the summer of 2004, I had the rare opportunity to witness *T. c. carolina* copulation first hand. The above image depicts the male mounting the female in the end of phase 1 of the mating ritual. Unfortunately, the picture is not very clear because it was taken from some distance away and then zoomed in both manually and digitally, in an attempt to disturb the mating turtles as little as possible. (photograph taken by J.A. Lentz)

[1]Reproduction description taken from Dodd (2001) and Ernst et al. (1994) accounts of Evens' 1953 research, as well as Swarth unpublished data, and my own personal observations.

Phase 2 begins when the male has successfully gotten his hind legs in the proper positioning within the posterior of the female's shell (Figure 7), indicating that he has stimulated her enough to coax her into opening her shell to him. The positioning of the male's legs act as both an anchor and a stabilizer during the mating process. Dodd (2001) notes that while this is occurring the front legs of the male are extended outward in mid air and the males head is stretched out over the carapace of the female (as is shown in Figure 6). When the male is secure enough he will bite the female's head and grip onto the front of her ca into her. The final phase begins when the male back, making himself almost perpendicular to the ground. The female then shifts her weight back on her ankles while the male leans even further back, forming an almost 45˚ angle with the ground as he inserts his penis into her cloaca. This process of the male leaning forward and then backward and thrusting inward continues for about an hour (Cerda and Waugh, 1992 in Dodd, 2001) but can last as long as two hours (Ewing, 1935 in Dodd, 2001). Eventually the female relaxes her plastron, thus releasing her hold on the male's hind legs and ending the copulation. The male then falls back on his carapace, presumably exhausted, and then eventually turns himself over and continues on his way. Allard (1939) speculates that males are especially vulnerable after mating because of their extreme fatigue and possible inability to turn themselves over (Ernst et al, 1994, Dodd, 2001).

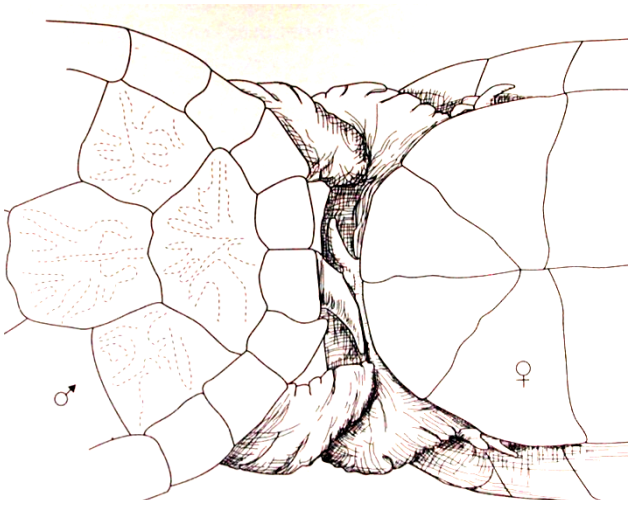

Figure 7. Depiction of *Terrepene carolina* intercourse, with emphasis on the positioning of the male and female's hind legs. This is how the turtles would appear if physically made horizontal during the mating process, in actuality the male would be on top of the female. This image was taken from Dodd, 2001 (page 94, Figure 6-3).

Ewing (1943) reports that a female can lay fertile eggs for as many as 4 years after initial copulation (Ernst et al, 1994). Jug Bay observations show that *T. c. carolina* usually nest during the summer, with increased nesting from May to June, slowing down considerably into late August (Swarth, unpublished data, and personal observation). Site selection for nesting is extremely important for two main reasons: first the gender and rate of development of the young are determined by the incubation temperature (St. Clair, 1995 in Dodd, 2001); second, and perhaps more importantly, it is critical that the nests are covertly formed and in a fairly secure location in order to avoid predation.

During my summer fellowship at Jug Bay, I happened upon many predated nest sites. In an attempt to protect nests from predation and harm in general, Jug Bay researchers began covering nests with wooden frames covered in wire mesh. For the past few nesting seasons it has become protocol to cover any nesting sites after egg laying has been observed by either *T. c. carolina* or *Pseudemys rubriventris rubriventris* (Red-bellied turtles). This process has further enabled the sanctuary to keep data records of turtles nests, where they nested, how big their clutch size was, how long the eggs incubated, and how many successfully hatched as well as how big they were when they emerged from the nest. Figure 8 shows the relative size of a newborn next to an adult female. Years of observation at Jug Bay have shown that the females generally nest along cleared dirt or grass covered paths, such as hiking trails or the mowed paths around and through the sanctuary's various meadows.

Figure 8. *T. c. carolina* hatchling (left) next to adult female (right) immediately after hatching. (photograph taken by C.W. Swarth)

Home Range

According to Dodd (2001), most box turtles have fairly stable, well defined home ranges (refer to section IV for "home range" definitions). While the home ranges of many organisms coincide with their territories, *T. c. carolina* has not been found to exhibit any definite signs of territorialism (Stickel, 1989; Dodd, 2001). Since there is no territorialism in *T. c. carolina,* the home ranges of these turtles overlap with one another. Cross-study comparisons of male-female-juvenile home range sizes show that there is no definite trend towards which sex or age class has the smallest or largest home range (Stickel, 1950; Legler, 1960; Schwartz and Schwartz, 1974; Dodd, 2001). While the exact boundaries of the home range may shift over time, it appears that the general area stays the same. Several studies in which turtles were removed from their home ranges documented the return of the displaced turtles to their original home range (Breder, 1927; Nichols, 1939; Stickel, 1950).

Habitat

Due to their close proximity to the ground, *T. carolina* are especially sensitive to changes in their surrounding substrate environment (Dodd, 2001); further, they have a limited ability to move between isolated habitat patches, resulting in genetic fragmentation (Mitchell and Klemens, 2000). Reagan (1974) found that thick canopied forests with complex habitat structures (Figure 9) offer ideal habitats for *T. carolina* by supplying

Figure 9. The above photograph shows *T. c. carolona* in its "ideal" habitat according to Reagan (1974) and Dodd (2001). As described later in this paper the habitat shown in this picture was classified as "Open Forest" (OF) for the purposes of this study.
(photographs taken by C.W. Swarth)

the turtles with microhabitats that offer cool shelter in the summer and warm protection for hibernating in the winter (Dodd, 2001). While *T. carolina* are generally considered terrestrial in nature, several studies have found that *T. c. carolina* may congregate in freshwater floodplains (Stickel, 1978; Dodd, 2001; Swarth unpublished work). Upon observing *T. c. carolina* in the tidal wetlands in 1998, researchers at Jug Bay Wetlands Sanctuary began telemetring the turtles to better understand their use of the habitat, since it is the only known use of a tidal habitat by this species (Swarth, unpublished work). While their overall use of aquatic habitats is not well understood, it is generally agreed that water retention is essential to the survival of *T. c. carolina* (Rose, 1969; Riedesel et al., 1971; Dodd, 2001).

Many of the habitats other studies have identified as important to box turtles are becoming endangered: 99% of the original "turtle-rich eastern deciduous forest biome" have been lost, and freshwater wetlands are considered one of the most endangered global ecosystems (Mitchell and Klemens, 2000). The most alarming part about the ever increasing rate of habitat destruction is that habitat-related problems almost always have a synergistic negative effect (Mitchell and Klemens, 2000).

Food

Nine years of *T. c. carolina* observations at Jug Bay have found that the species is an omnivore eating whatever comes across its path. The initial months of the summer of 2004 corresponded with the emergence of the 17-year cicada, *Magicauda*, and, sure enough, the remains of the insects were found in the fecal matter of the turtles. Jug Bay Summer Fellow Anna Moyer used fecal samples and radio isotope data taken from nail clippings of 35 turtles and found that turtles that were found predominantly in the marsh had diets that consisted mainly of marsh materials. Over the years *T. c. carolina* have been found eating birds caught during the summer M.A.P.S. (Monitoring Avian Productivity and Survivorship national program) bird

netting sessions. The turtles have been seen eating mushrooms and other herbaceous, low lying materials.

Dodd (2001) further supports the Jug Bay feeding observations with his statement that "by all accounts, box turtles are omnivores, eating a wide range of plant and animal material" (pg. 111). Of the diet information available for this species, the majority of it is observational. In the early 1900's the stomachs of the turtles were cut open to determine their contents (Surface, 1908); however, this method has since been discarded since it required killing the subjects. The studies seem to agree that their diet is dependent on what is available in their surrounding habitats, showing strong correlations to seasonal floral and faunal abundance (Stickel, 1950; Ernst et al., 1994; Dodd, 2001; Swarth, unpublished work; Moyer, unpublished work)

Predators and Parasites

The species is extremely vulnerable prior to and immediately following hatching. Immediately after the female has laid and covered over the clutch, the scent of the bladder water can still be made out by predators, helping them to home into the nest location (Ernst et al, 1994). Among the leading predators of the eggs and hatchlings are badgers, skunks, foxes, raccoons, crows, and snakes (Ernst et al., 1994) As adults the shell of *T. c. carolina* is virtually impenetrable, though in the early 1900's a dog was seen crushing and eating a turtle shell (Culbertson, 1907 in Ernst et al., 1994), and in 1982 Clark reported finding a shell in an eagle nest (Ernst et al., 1994). Today the leading causes of adult mortality for the species are road kill, international trade for turtles as a delicacy, and neglect stemming from the pet trade industry (Ernst et al., 1994). Humans have long been the killers of terrapenes dating from Paleo-Indian times through to early Colonial days when the species was used in turtle soup (personal communication with a representative from the Mt. Vernon Historical Society). While still considered an Asian delicacy, the species has since been avoided for eating in much of the

United States; due to their omnivorous feeding habits, the turtles often eat materials that are poisonous to humans.

There have also been a number of cases of parasitism by fly larvae (Ernst et al, 1994; Dodd, 2001). While tracking one of our telemetry turtles during my summer at Jug Bay, my colleague, Anna Moyer, and I found one of our telemetry turtles had been infested by a botfly (Figure 10). The week before it had been noted that this turtle's eyes were sealed shut with a mucus like substance. When we found her there was still mucus lining her eye, but she was able to open it; however, the infection was now very apparent though it had not been the week prior. After much debate and consultation with other research we agreed to leave the infestation alone, re-release the turtle, and check on the turtle more frequently for the next week to see how it was coping with the infestation. By the following week the fly larvae had hatched and exited the swollen mound, and the turtle's neck was almost completely healed. Dodd (2001) states that parasite wounds may heal without a trace, but when in a particularly vital location (such as the body cavity) they may lead to the death of the turtle (Peters, 1948, Rokosky, 1948, Rainey, 1953, King and Griffo, 1958 all in Dodd, 2001).

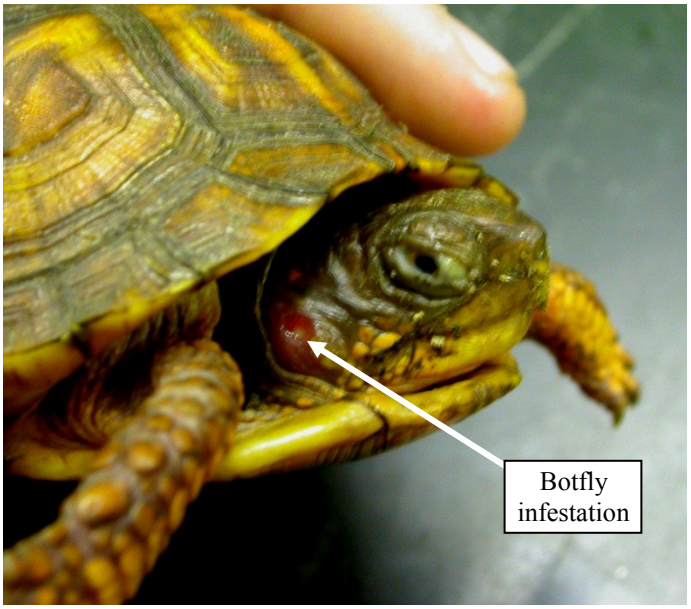

Figure 10. Telemetry turtle found with a botfly infestation on both the right and left sides of the head. (Photograph was taken by J.A. Lentz)

Status

Herpatologist S.A. Minton Jr. (1972) states that, "They (Eastern Box Turtles) are decidedly less common today than when I began my herpetological field observations in the

1930's" (Dodd, 2001). Maryland natives reminisce of their childhood days when *T. c. carolina* were so abundant that the small creatures were commonly encountered meandering across their backyards—making them easily domesticated into household pets (personal communication with various volunteers form Maryland and the Eastern shore). These same individuals regrettably report having far fewer encounters with these shelled reptiles, with the exception of the occasional, and usually tragic, highway crossing encounter. It is becoming increasingly apparent that human sprawl and overall habitat destruction have divided *T .c. carolina* home ranges such that dangerous treks across heavily trafficked areas have become a necessity for many turtles (Swarth, unpublished work). For these reasons it is no surprise that of the many studies of *Terrapene* genera, the handful of long term studies all suggest a declining population trend in *T. carolina* (Stickel, 1978; Williams and Parker, 1987; Doroff and Keith, 1990; Dodd, 2001).

B. Home Range

Milam and Melvin (2001) defined home range as "the area occupied by an animal for feeding, reproduction, and other activities essential to its survival, including sallies and extended trips outside core habitat-use areas." Past studies have excluded sallies (excursions) from their home range estimates, looking only at the "utilized home range," which is the area that is used in daily activity (Stickel, 1950; Madden, 1975; Stickel, 1989; Dodd, 2001). This study has sided with Milam and Melvin (2001) on the basis that a great deal of female *T. c. carolina* excursions are for nesting purposes. If these habitats are excluded from their home range they stand a higher chance of not being protected, which could put the populations at great risk of surviving. While the definitions of home range vary greatly, the methods researchers' use to calculate home range size vary even more, making comparisons of home range areas quite difficult. Figure 11 shows how the calculated home range for an individual varies based on the type of measurement used.

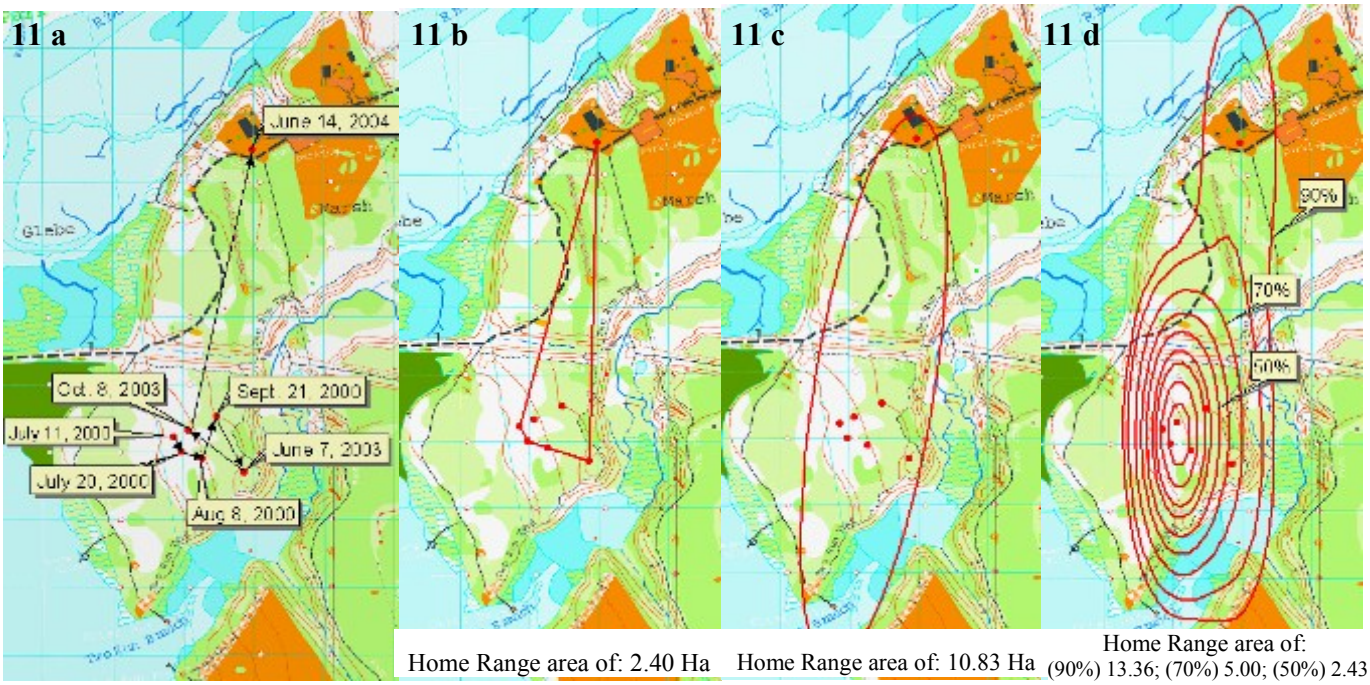

Figure 11. This figure shows how different the calculated home ranges for the same sightings can be. (a) Shows the dates for the seven, individual sightings of Female #315; the arrows show the order of the sightings. (b) The calculated home range based on the Minimum Convex Polygon (MPC) method. (c) The calculated home range based on the Bivariate Normal (BN) method. (d) The calculated home range based on the Kernel method, the text boxes identify the polygons accounting for 50, 70, and 90% of the home range.

One of the oldest methods of home range estimation is the Minimum Convex Polygon (MCP) method, first proposed by C.O. Mohr in 1947. By its nature MCP is one of the simplest home range measurement methods because it is simply the area of a polygon formed by connecting the outermost data points of an organism (Plummer, 2003). The main drawback to this method is that it often includes areas in which the subject was never seen; thus, the accuracy of the method is dependent on sample size. The second oldest method, and perhaps the most popular, is the Bivariate Normal Home Range method (Jennrich and Turner, 1969). The bivariate normal method is based on the statistical distribution of sightings along an x-y axis, forming an ellipse with 95% accuracy. This method stipulates that the data be normally distributed, which rarely happens in nature, and the method inherently gives a less conservative home range estimation (Plummer, 2003). The most recent method of home range estimation is

the Kernel Home Range (Worton, 1989) method. This method uses non-parametric statistics to determine the probability of an organism using various locations (Plummer, 2003). This method also operates with 95% accuracy though does not require the data to be normally distributed, and it weights the home range boundaries according to the frequency in which the areas are used. The only true drawback of this method is that it requires special software to do the home range calculations.

C. Jug Bay Wetlands Sanctuary and Available Habitats

Figure 12. Jug Bay Wetlands Sanctuary Visitor's Center (photographs taken by J.A. Lentz)

Established in 1985, Jug Bay is an estuarine research center (Figure 12) owned by the Anne Arundel County Department of Recreation and Parks (DNR Maryland Website, 2003). Jug Bay Wetlands Sanctuary is Located along the Patuxent River in Southeastern Maryland, and the area has been a "vital resource for thousands of years" (Jug Bay Official Website, 1999). Inhabited by Native Americans as early as 6,500 B.C., and then much later by Early European

settlers, the area's resources have been sought for a plethora of purposes ranging from the hunting and gathering of the Piscataqua Indians to the agriculture of the colonists brought by the legendary Captain John Smith, to the wildlife conservation plots that flank the rivers borders today (Jug Bay Official Website, 1999; personal communication with a representative from the Mt. Vernon Historical Society, 2004). While the sanctuary is constantly looking for ways to expand its boundaries, it currently encompasses approximately 566Ha (Swarth, unpublished data), of which more than 70 percent is considered wetland (DNR Maryland Website, 2003). While open 7 days a week, the sanctuary works to limit degradation by limiting public access to just a few days a week, with the exception of educational groups and scientific researchers who have greater access to the park grounds (Friebele et al., 2001).

The sanctuary encompasses 3 main habitat categories: upland, non-tidal wetlands, and tidal wetlands (Appendix I). Upland habitats consist of meadows (M) and Open and Dense forests (OF and DF respectively). The meadows are made up of warm season grasses, wire grasses, forbs, and shrub patches (Marchand et al., 2003). Both types of forest consist predominantly of the following 30 to 80 year-old hardwood trees: *Quercus falcata* (Spanish Oak), *Carya* spp. (Hickory), *Liquidambar styraciflua* (Sweet gum), *Fagus grandifolia* (American beech), *Liriodendron tulipifera* (tuliptree), *Acer rubrum* (red maple), and *Sassafras albidium* (sassafras) (Burke and Swarth, 1997), with an understory of *Ilex opaca* (American Holly) and *Smilax rotundifolia* (Common Greenbriar). Open and dense forests vary only by their degree of canopy and understory density.

Within the sanctuary there are several areas classified as non-tidal wetlands: the most prominent of these areas is Two Run Creek, which runs through the center of the property, followed by several ponds and vernal pools. These areas are non-tidal and are fresh in nature. For the purposes of this study these areas are referred to as flood plain (FP) habitats.

The tidal freshwater habitats are formed by the Patuxent River (a Chesapeake Bay tributary), which are influenced by a salinity range of 0 to 1.0 ppt and 0.6m semi-diurnal tide fluctuations. The tidal habitats are differentiated by the dominating vegetation: Scrub-Shrub (SS), Phragmites (PH), and Tidal Wetlands (TW). The local SS wetlands are made up of hummocks and the following woody shrubs and trees: *Alnus* spp. (Alder), *Fraxinus pennsylvanica* (Green ash), and *Cornus amomum* (Silky Dogwood). The PH wetlands are dominated by common reed, *Phragmites australis* (phragmites). The wetland habitat (TW) consists of the following marsh vegetation: *Peltandra virginica* (Arrow-Arum), *Nuphar luteum* (Spadderdock), *Zizania aquatica* (Wild Rice), and *Typha* spp. (Cattails).

D. Study Objectives

The purpose of my study has been to calculate and better understand the home range and habitat preferences of *Terrapene c. carolina* found at Jug Bay Wetlands Sanctuary in southeastern Maryland. Specifically in this study I hoped to answer the following questions:

- How large are the home ranges of *T. c. carolina*, and do those of males differ from those of females?
- Does one home range measuring technique appear to be more accurate than another (Telemetry vs. Mark Recapture)?
- What habitats do their home ranges include?
- What percentage of each habitat were the turtles using from their observed sightings?
- Are some habitats preferred overall, or are the preferences individual?
- Are there trends for the use of specific habitats (e.g., specific nesting habitats)? If so what are the densities of these observations?

It is my hope that in answering these questions resource managers will be better able to preserve the habitats in which these turtles thrive.

III. MATERIALS AND METHODS

Analytical method

Habitat preference and home range size were calculated based on data obtained between 1995 and 2004 (Swarth, unpublished data) using two observation techniques: mark recapture and radio-telemetry. Mark recapture is the most common form of box turtle monitoring in the sanctuary because it is low cost and provides general information on the size of the home range and habitat use. In order to obtain more extensive information on home range and habitat use, radio telemetry was initiated in 1998. Telemetried turtles were affixed with a 2.5cm radio-transmitter, and then tracked every 2^{nd}-3^{rd} day by an antennae attached to a R4000 ATS receiver. For the purposes of this study, turtles found using purely the mark recapture method are deemed "random" sightings, since observations resulted from an observer *randomly* encountering a turtle.

This study made use of the 445 box turtles that had been marked by sanctuary staff, interns and volunteers by the end of July 2004. In 1995 Jug Bay began marking *T. c. carolina* by bringing the turtles back to the lab where they were processed. The turtles were weighed with an Ohaus spring scale, and then their carapace length and width were measured with veneer calipers to the nearest mm. The turtle was then assigned an identification number and a unique notch code. The notch code is a combination of triangularly filled notches on the marginal scutes (Cagel, 1939). Various sex determining characteristics were recorded (Table 1), along with a photograph of the plastron (Figure 4b) and a precise description and map of the location in which it was found. In order to increase the accuracy of the sightings data, PVC pipe poles were installed using GPS in 2002 around the sanctuary marking a 1 Ha^2 grid system. Sightings made after 2002 were done referencing individual gird poles, rather than landmarks, as had been the previous custom.

This study sample consisted of 49 females, 47 males, and 4 juveniles. These turtles were chosen because they had been sighted 5 or more times (mean sightings: females 26, male 15, juvenile 22) and could be plotted on a grid map with confidence, and most of which had been found using both home range methods (random and telemetry). ArcView Home Range (HRE) and Animal Movement Extensions were used to calculate the home range sizes. For comparative purposes, as well as increased accuracy home ranges were estimated by the Minimum Convex Polygon (MCP), Bivariate Normal (at 95% confidence), and Kernel (at 50, 70, and 90% confidence intervals) methods.

Location descriptions were used to determine the grid location of each sighting to the nearest 10 m, and then each location was converted to UTM coordinates (Appendix III). The UTM sightings were saved in dBASEIII format and uploaded into ArcView, where they were then plotted on an uploaded, georeferenced topographic map. A topographic map was chosen instead of an aerial photograph for ease of habitat identification. Several topographic maps were consulted before deciding upon the Official Jug Bay Map made by State Department cartographer and sanctuary volunteer Dave Linthicum (Appendix II). This map was found to be more accurate than the others, had more descriptive habitat differentiations, and shows the grid poles. To limit observer error, the original habitat descriptions for the turtle locations were ignored and the habitat utilizations were calculated according to the map's color-coded habitats that fell within each of the projected home range. As with the home range calculations, the habitat percentages were calculated according to random, telemetry, and compiled data.

Data Analysis

To determine the significance the number of sightings had on the calculated home range size, simple regression tests were run between the number of sightings (compiled, random, and telemetry) and the method of home range measurement (MCP, BN, and 90% Kernel). Female

turtle #128 had many more sightings (174) then the mean number of sightings for females (26) so simple regression tests were also run excluding this turtle as an outlier from the sample. ANOVA tests were run to test for a significant difference between turtle gender (female, male, juvenile) and home range type (compiled, random, telemetry vs MCP, BN, 90% Kernel). Paired t-tests were used to determine if there was a significant difference between random and telemetry sightings. Paired t-tests were also used to calculate the difference between each method of home range measurement. Due to a small sample size (n=4) juvenile data were used only when compiled with male and female data to make up the "all" category.

Individual habitat usage was analyzed in four ways. First paired t-tests were run comparing each of the seven habitat categories against each other to determine if there were significant differences in habitat use within each type of sighting (compiled, random, and telemetry) for each of the three home range calculation methods (MCP, BN, and 90% kernel). Each of the tests was run for females, males, and "all." Next paired t-tests were run comparing the usage of each habitat by each home range calculation (e.g. the MCP, BN, and 90% kernel meadow (M) usages of random female sightings were compared). Paired t-tests were then run to test for a difference between habitat usage based on random and telemetry sighting (e.g. random vs. telemetry habitat usage for females based on MCP home ranges). Finally ANOVA tests were run to determine if there was a significant difference between turtle gender and each of the 7 habitat categories (e.g. gender vs. meadow usage for random sightings measured by the MCP method).

IV. RESULTS

Home Range Size

Analysis of data compiled over a 9-year period (1995 – 2004) of 100 *T. c. carolina* resulted in 2,060 sightings. Three methods were used to calculate the home ranges (Table 2). Males exhibited the smaller mean home range and were localized to a total area of 34.787 Ha, while females had larger home ranges and used an area nearly three times as large, 95.952 Ha (Figure 13). Mean Bivariate Normal and 90% Kernel home range calculations were found to be larger than the Minimum Convex Polygon calculations for each gender. Mean combined MCP home ranges for females and juveniles were more than 4 times larger than the MCP home ranges of males. Females had more than twice the home range as males based on combined means of the BN and 90% Kernel methods. Juveniles had combined mean BN home ranges more than 1.5 times that of females and 3.5 times that of males, with mean 90% kernel home ranges close to that of females and more than twice that of males. In addition to having the largest mean home ranges, females also exhibited the largest variation in home range size, with MCP variations more than 8 times that of males and almost 4 times larger than that of juveniles. Figure 13 depicts the mean home range size differences by gender, sighting type, and calculation method. The combined MCP home ranges plotted on a Jug Bay topographic map within ArcView are shown in Figure 14.

Table 2. Home range size (Ha) for female, male, juvenile, and all *T. c. Carolina* with more than 5 sightings. Calculations based on compiled data from both random and telemetry sightings. *MCP = Minimum Convex Polygon, BN = Bivariate Normal 95% confidence

	Home Range Estimation method*	n	Mean	SD	SE	Range	Variance
Females	MCP	49	7.242	14.536	2.077	94.888	211.308
	BN		14.035	18.433	2.633	99.784	339.793
	90% Kernel		17.382	23.053	3.293	134.881	531.456
Juveniles	MCP	4	7.078	11.423	5.711	23.770	130.480
	BN		23.106	37.220	18.610	77.673	1385.330
	90% Kernel		15.768	22.596	11.298	48.161	510.575
Males	MCP	47	1.775	2.057	0.300	11.790	4.229
	BN		6.476	11.280	1.645	75.599	127.248
	90% Kernel		7.635	12.795	1.866	84.171	163.722
All	MCP	100	4.666	10.764	1.076	94.888	115.859
	BN		10.845	16.912	1.691	99.784	286.026
	90% Kernel		12.737	19.304	1.930	134.881	372.626

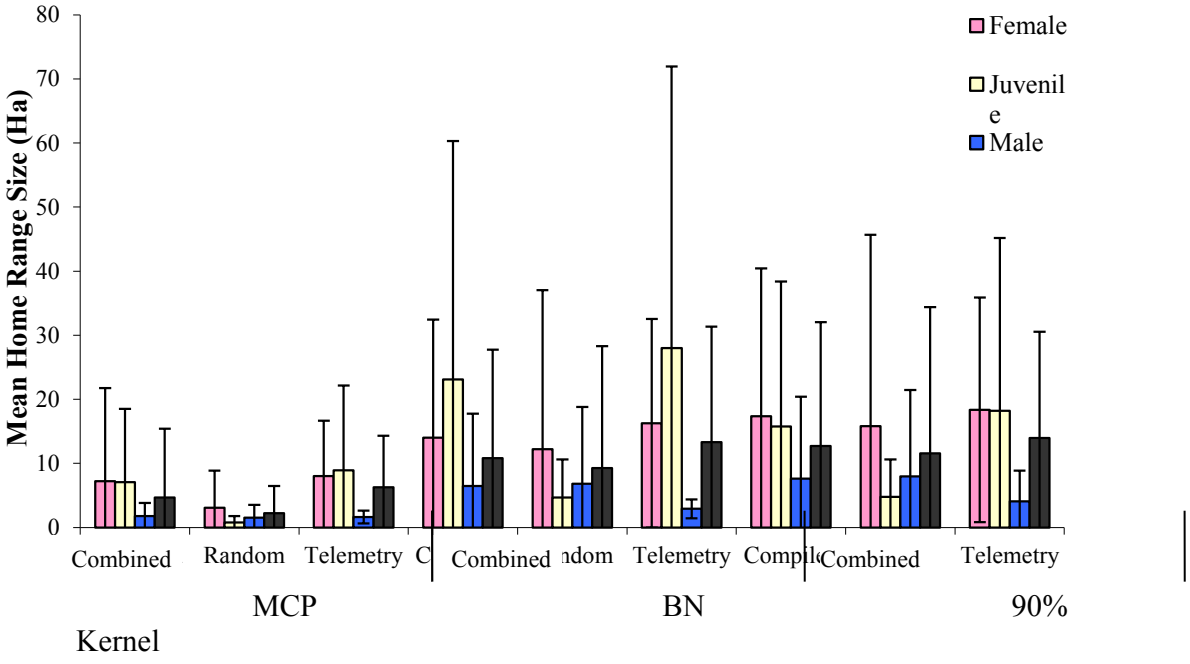

Figure 13. Mean home range estimates according to gender, sightings type, and method of home range calculation; the error bars show standard deviations.

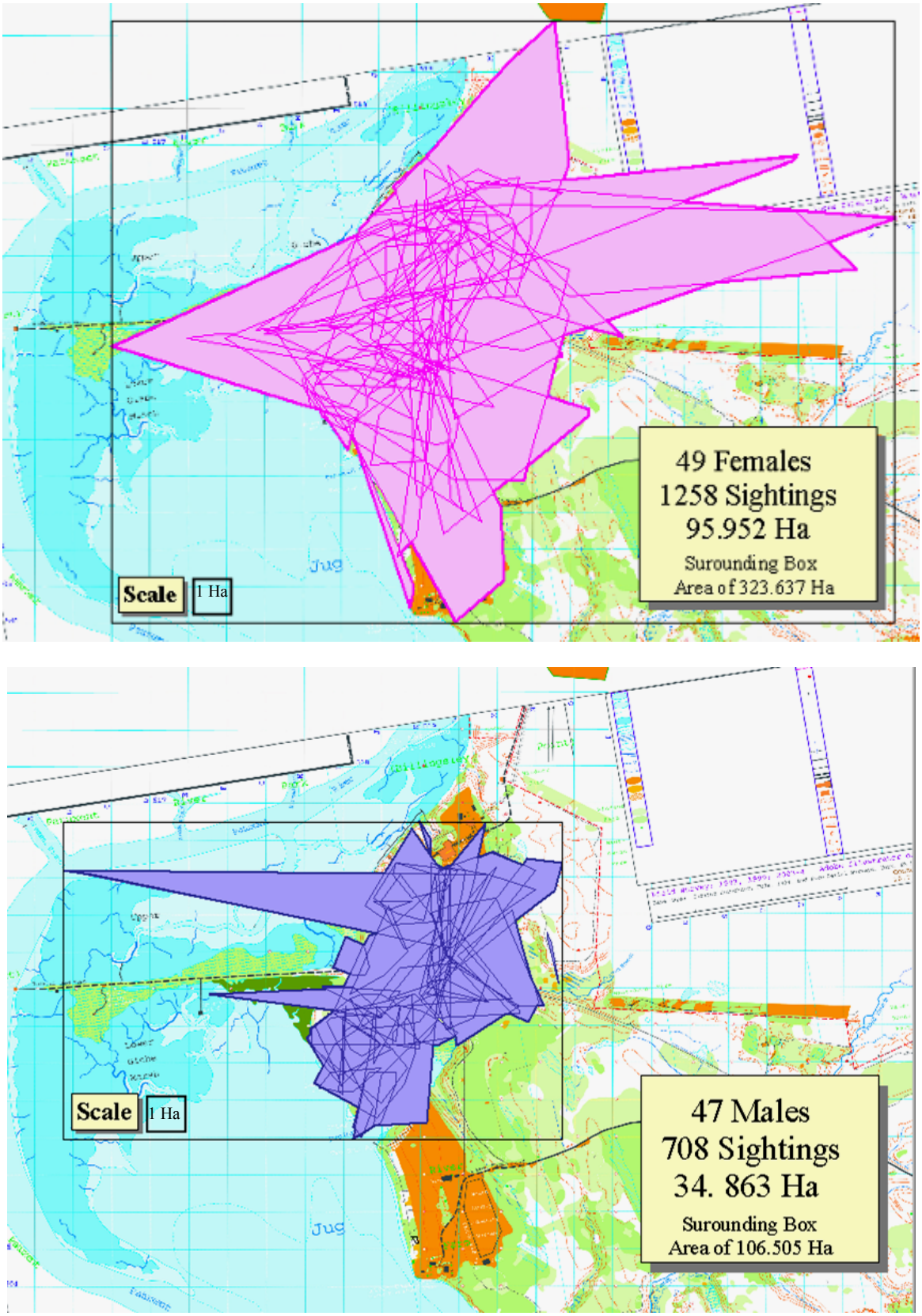

Figure 14. Combined home ranges based on the Minimum Convex Polygon method. (a) The home range of each individual turtle is depicted as a thin lined polygon; the total area utilized by females and males is depicted by a thick lined, shaded polygon.

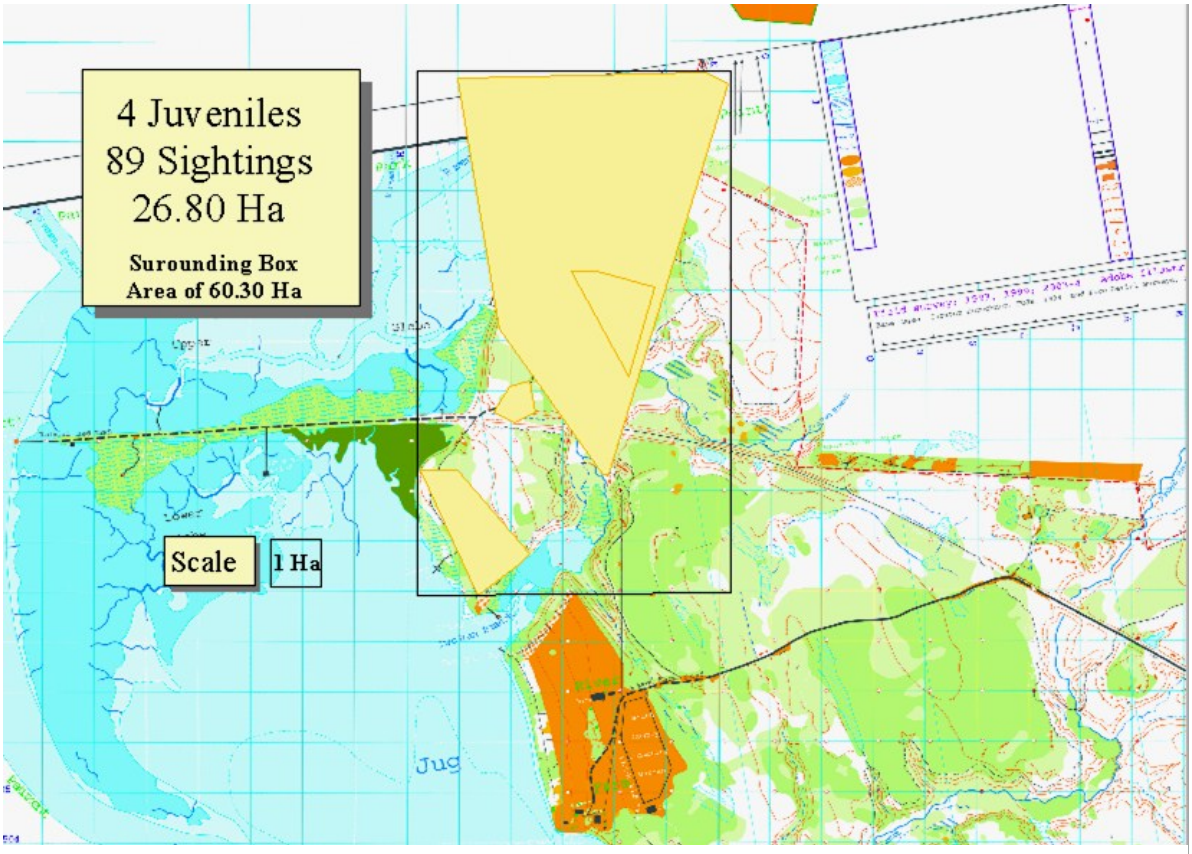

Figure 14. (b) The home range of each individual turtle is depicted as a thin lined polygon; the total area utilized by Juveniles is depicted by a thick lined, shaded polygon.

I ran linear regressions to see if the number of sightings of a turtle influenced the estimates of home range size. Significant slope regressions were found for "All" turtles when MCP home range was estimated using both combined and telemetry sightings data (P-values of 0.0013 and 0.0058 respectively). Females showed the same trend for MCP estimates (combined P-value= 0.038 and telemetry P-value = 0.028). The female dataset was skewed by an outlier with 174 sightings; when removed the regression between combined sightings and MCP home range was almost significant (P-value = 0.0565), and there was no significance between telemetry sightings and MCP home range. The majority (25 out of 36) of the regression plots showed positive correlations between the sightings and the home range size. The 11 plots that showed negative slopes were found for females with random sightings and measured with BN

and Kernel 90% (including female dataset minus the outlier), males with random sightings and MCP home ranges, and all sightings types with BN and Kernel 90% home ranges, and all turtles with random sightings for both BN and Kernel 90% home ranges.

There were significant differences between males and females for all methods of home range estimation for both combined and telemetry sightings (Table 3), but no significant differences were found based solely on the random sightings data. Juveniles had significantly larger home ranges than males (P-value = 0.0289) based on Bivariate normal estimation of telemetry sightings data. No significant differences were found comparing random and telemetry sightings for any of the three home range estimation methods within each gender or for all of the turtles combined. Based on all sightings methods highly significant differences were found between home range estimation methods within each gender and for all the genders combined (Table 4).

Table 3. Significant differences between male and female home range sizes for each of the estimation methods for combined and telemetry sightings.

Home Range Method	Sightings Type	ANOVA P-Value	Fisher's PLSD P-Value
MCP	Combined	0.0392	0.0125
	Telemetry	*0.0759*	0.0294
BN	Combined	0.0288	0.0269
	Telemetry	0.0383	0.0365
90% Kernel	Combined	0.0430	0.0131
	Telemetry	0.0417	0.0138

Table 4. Home range estimation methods for each gender and type of sightings. Analysis by paired t-tests.

Gender	Sightings Type	Home range methods being compared		DF	T-Value	P-Value
Female	Combined	MCP	BN	48	-3.671	0.0006
		MCP	90% Kernel		-3.712	0.0005
		BN	90% Kernel		-3.214	0.0023
	Random	MCP	BN	37	-2.895	0.0063
		MCP	90% Kernel		-3.278	0.0023
		BN	90% Kernel		-3.458	0.0014
	Telemetry	MCP	BN	23	-4.614	0.0001
		MCP	90% Kernel		-4.420	0.0002
Male	Compiled	MCP	BN	46	-3.373	0.0015
		MCP	90% Kernel		-3.628	0.0007
		BN	90% Kernel		-3.478	0.0011
	Random	MCP	BN	41	-3.384	0.0016
		MCP	90% Kernel		-3.593	0.0009
		BN	90% Kernel		-3.335	0.0018
	Telemetry	MCP	BN	10	-4.327	0.0015
All	Compiled	MCP	BN	99	-5.059	<0.0001
		MCP	90% Kernel		-5.182	<0.0001
		BN	90% Kernel		-3.010	0.0033
	Random	MCP	BN	81	-4.212	<0.0001
		MCP	90% Kernel		-4.529	<0.0001
		BN	90% Kernel		-4.181	<0.0001
	Telemetry	MCP	BN	37	-3.958	0.0003
		MCP	90% Kernel		-4.740	<0.0001

Habitat Preference

Means of habitat usage from the three home range estimation methods showed no large differences in the percent of habitat used within the mean home range (Figure 15). Juveniles used the tidal wetland 20-30% more than males and females (respectively); however, they used the two other marsh habitats considerably less (0% Phragmites and 1.3% Scrub Shrub; compared to 5.5% PH and 10.9% SS for females, and 9.0% PH and 5.3% SS for males), but it is important to remember that these differences are based on a sample size of only 4 turtles. Males also used much more of the flood plain (23.4%) than females (12.4%) or juveniles (4.9%).

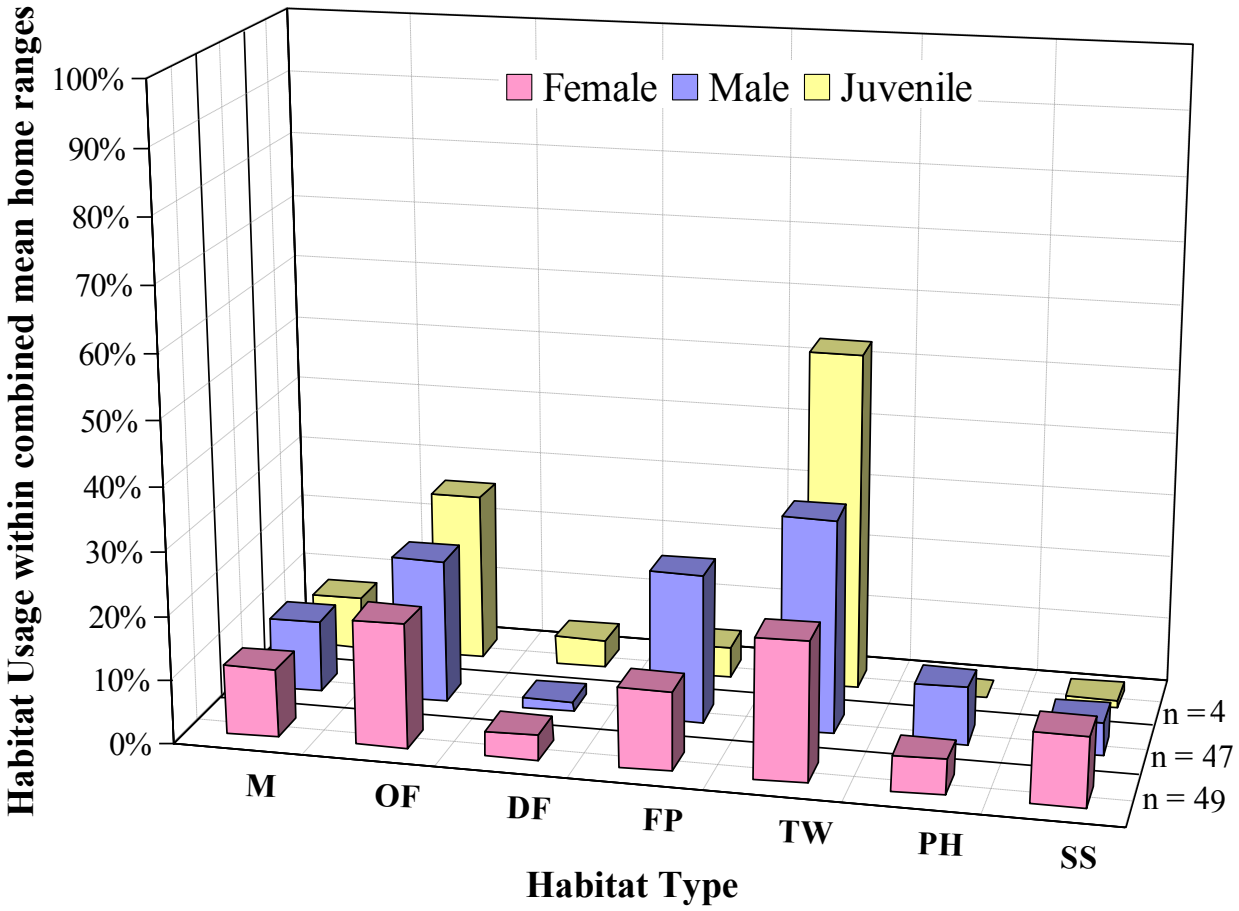

Figure 15. Habitat usage of each gender based on combined sightings of habitat use according to an average of each home range mean (e.g. MCP, BN, and 90% Kernel averaged together). Sample size for each gender is shown on the far right. Percentage is of the mean area of habitat used out of the mean home range. M = Meadow, OF = Open Forest, DF = Dense Forest, FP = Flood Plain, TW = Tidal Wetland, PH = Phragmites, and SS = Scrub Shrub.

Habitat usage varies greatly depending on the home range method as well as how the percent habitat is calculated. In addition to examining differences based on type of sightings and home range method, the following show different ways of examining habitat use and preference: (1) area of each habitat used of the home range area, (2) area of each habitat used of the amount of each habitat present within the home range area. Examination method (1) is quite simple to run given the area of each habitat within each home range area (shown in Figure 16). Examination method (2) is much more difficult because it involves calculating not only the habitats used within each home range and sightings type, but also how much of the habitats were actually present within each of the polygon combinations. Due to time constraints it was not possible to calculate this. Figure 17 approximates estimation method (2) by calculating the habitats used within the total MCP home ranges of each gender based on compiled sightings (Figure 14), and then comparing this to the mean MCP areas, the areas of habitats present out of the area of the surrounding square, and then finding the relative habitat usage by dividing the amount of habitats used by the amount of habitats present. The relative habitat usages shown in Figure 17 show that females and males preferentially target all of the habitats except the tidal wetlands; this means that their relative percent usage is higher than the percent presence of that habitat. The highest relative habitat usages for females were found in the Phragmites, Scrub Shrub, and meadow habitats, whereas males showed the highest relative habitat usages for Open Forests, Flood Plains, Dense Forests, and Meadows. Juveniles were found to use more of the Meadow and Tidal wetland relative habitats than either the adult females or males. Table 5 shows the significant differences found by Fisher's PLSD and ANOVA tests comparing gender to the sightings types and home range methods. Note there are no significant differences for flood plain or phragmites habitats.

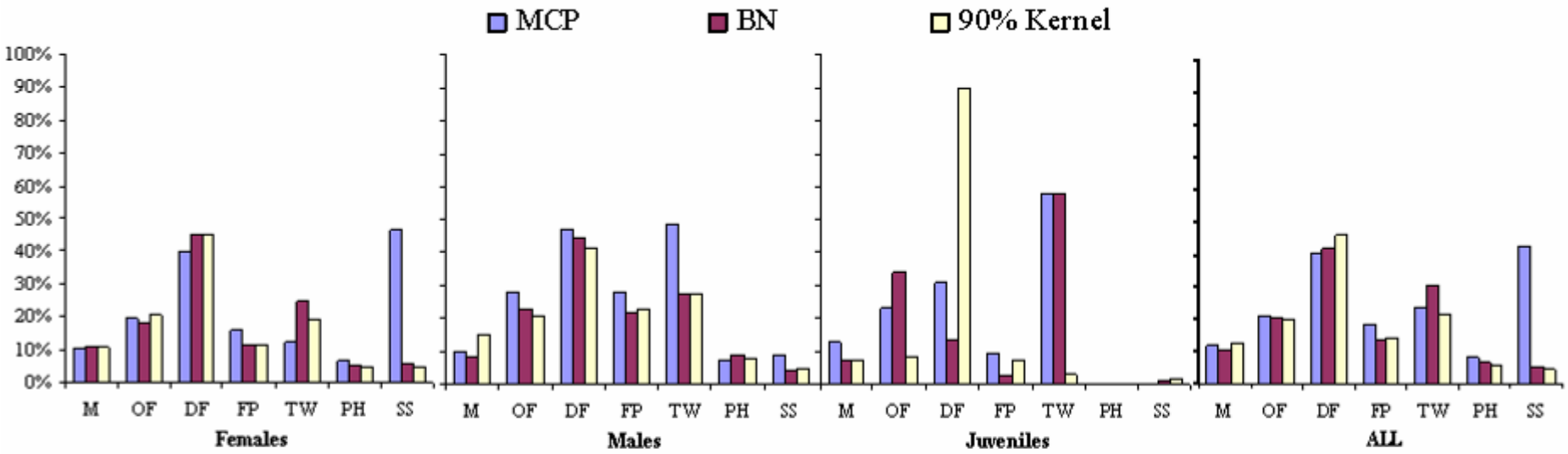

Figure 16. Comparative habitat preferences between the three home range methods. Percent habitat use was based on mean habitat use divided by mean home range area.

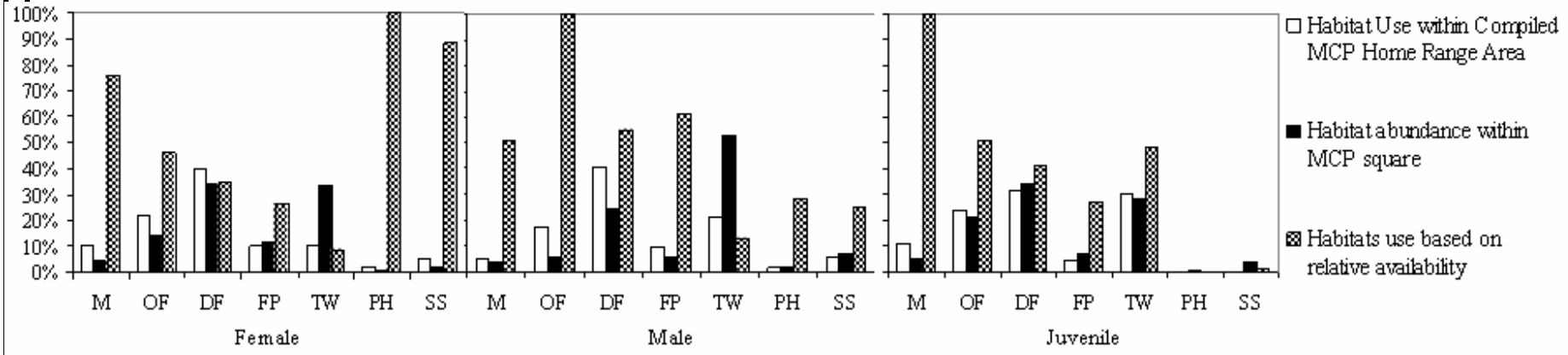

Figure 17. Relative habitat preference based on the home range use within the total MCP home ranges for compiled sightings of each gender out of the available habitat found within the surrounding box encompassing the total Hr area (based on the diagrams in Figure 14). The white bars show the percentage based on mean amount of each habitat used out of the total home range area (e.g. females used 10.18 Ha meadow out of a total MCP area of 95.95 Ha to give a percentage of 10.60%). The black bars show the percent in which each habitat is present within the surrounding box (e.g within the female's box there is 13.41 Ha of meadow out of a total area of 323.64 Ha resulting in a percent abundance of 4.10%). The checkered bars show the relative habitat use by calculating how much of the available habitats are being used (e.g females used 10.18 Ha of the available 13.41Ha of meadow resulting in a relative use of 75.87%).

Table 5. Significant differences between genders for each of the home range estimation methods and sightings type. ANOVA P-values are based on the comparison of females, males, and juveniles. Fisher's PLSD compared the gender combinations, when not specified the difference is between females and males; significant differences between juveniles and adults are denoted by the appropriate gender symbol (or) and a "J." Females were always found to have greater mean habitat usage than males; in the cases where the significant difference was between the juveniles and the adults, the juveniles always had the larger mean habitat use.

Habitat Type	Sightings Type	HR estimation method	ANOVA P-Value	Fisher's PLSD P-Value
Meadow	Combined	MCP	*0.1073*	0.0461
		BN	*0.0540*	0.0209
	Random	BN	*0.0839*	♂ : J 0.0443
Open Forest		MCP	0.0293	0.0114
	Combined	BN	0.0030	♀ : J 0.0049 ♂ : J 0.0009
		90% Kernel	*0.0897*	0.0314
	Random	BN	*0.1461*	*0.0562*
		90% Kernel	*0.1436*	*0.0564*
	Telemetry	BN	0.0150	♀ : J 0.0085 ♂ : J 0.0044
		90% Kernel	*0.1166*	♂ : J 0.0413
Dense Forest		MCP	0.0028	0.0006
	Combined	BN	*0.0559*	0.0183
		90% Kernel	0.0158	0.0196 ♂ : J 0.0316
	Telemetry	MCP	*0.0723*	0.0231
		BN	0.0331	0.0113
		90% Kernel	0.0299	0.0136
Tidal Wetland	Combined	MCP	*0.0746*	♀ : J 0.0262 ♂ : J 0.0337
		BN	0.0372	♀ : J 0.0263 ♂ : J 0.0109
	Telemetry	MCP	*0.1004*	*♀ : J 0.0515* *♂ : J 0.0524*
		BN	0.0178	♀ : J 0.0096 ♂ : J 0.0063
		90% Kernel	0.0194	♀ : J 0.0202 ♂ : J 0.0055
Scrub Shrub	Combined	BN	0.0446	0.0144
		90% Kernel	*0.0769*	0.0259
	Telemetry	90% Kernel	*0.0980*	0.0361

Note: italics denote differences that are close to being statistically significant

V. DISCUSSION

Home Range

T. c. carolina are known for their well-defined and consistent home ranges. Generalizations about annual changes in home range as well as shifts in habitat use are common in *T. c. carolina* studies (Stickel, 1950; Strang, 1983; Dodd, 2001; Swarth, unpublished data); however, comparisons in home range size and habitat use are difficult to make because of the different methods researchers have used to define and measure home range. Table 6 summarizes Dodd's (2001) information and compares it with the home ranges I found in this study. The table shows that in the past 30 years at least seven different computational methods have been used to measure size of home range. Based on 3 types of sightings these differences result in a great degree of variation in reported home range sizes even within the same study areas.

Overall, the ranges of the Jug Bay *T. c. carolina* were much larger than those reported elsewhere, but they are based on one of the three largest sample sizes. The difference in home range may be due to how each study defined home range and whether it was the total home range or the "utilized home range" (Madden, 1975 in Dodd, 2001). Another difference may be in how strong the confidence of past studies' mean areas were, based on the number of sightings. Stickel (1950) used turtles that had 6+ sightings (8 on average), whereas my study used turtles with 5+ sightings (20.6 on average), thus making the confidence of the current home ranges higher. Past studies have found an inverse relationship between population size and home range size (Stickel, 1989), which would indicate that the large home ranges of the Jug Bay *Terrapenes* indicates a small population. However, the nine-year on-going study at the sanctuary gives evidence of a large *T. c. carolina* population, with at least 445 turtles (as of July 2004). Being non-territorial by nature, *T. c. carolina* are always found with overlapping home ranges (Stickel, 1950; Dodd, 2001). Interestingly, despite the large home range size the degree of overlap within the sanctuary

is much larger than in Stickel's 1950 study (Figure 18). Given the absence of a population-home range relationship, Jug Bay's high density-high home range size relationship is more likely explained by Madden's (1975) theory that high turtle densities in specific areas reflect the criticalness of that specific habitat.

Table 6. A comparison of *T. c. carolina* home ranges using different measuring and computation methods (adapted from Dodd, 2001). The mark-recapture collection method for my own study is referred to as random sightings throughout this paper.

Location	Collection Method	Computation Method*	**Area** (Ha) Mean	Range	n	Reference
MD	Mark-recapture	MCP	♀3.10; ♂1.55	♀28.08; ♂11.78	♀48; ♂46	This study
	Telemetry		♀8.03; ♂1.65	♀33.50; ♂2.63	♀24; ♂12	
	Combined		♀7.24; ♂1.78	♀94.89; ♂11.79	♀49; ♂47	
	Mark-recapture	BNE	♀12.20; ♂6.82	♀122.99; ♂75.48		
	Telemetry		♀16.28; ♂2.91	♀62.63; ♂4.77		
	Combined		♀14.04; ♂6.48	♀99.78; ♂75.60		
	Mark-recapture	90% Kernel	♀15.81; ♂7.97	♀134.93; ♂84.26		
	Telemetry		♀18.37; ♂4.07	♀66.44; ♂17.50		
	Combined		♀17.38; ♂7.64	♀134.88; ♂84.17		
MD	Mark-recapture	BNE	♀1.13; ♂1.20		♀52; ♂51	Stickel (1989)
MD	Thread trailing	CP	0.20	0.48	11	Hallgren-Scaffidi (1986)
VA	Telemetry	MA	1.25	1.80	6	Bayless (1984)
		O-U	2.47	3.30		
MO	Mark-recapture	--	♀5.1; ♂5.2	10.00	♀16; ♂21	Schwartz et al. (1984)
TN	Telemetry	CP	0.38	0.30	4	Davis (1981)
NY	Telemetry	BNE	6.95	17.80	23	Madden (1975)
		MP	2.12			
		CP	4.05			
MO	Mark-recapture	--	♀1.45; ♂1.53	3.50	♀64; ♂79	Schwartz & Schwartz (1974)

**Computation Method Key: Bivariate Normal Elipse (BNE); Minimum Polygon (MP); Convex Polygon (CP); Minimum Convex Polygon (MCP); Minimum Area (MA); Ornstein-Uhlenbeck (O-U); 90% Kernel*

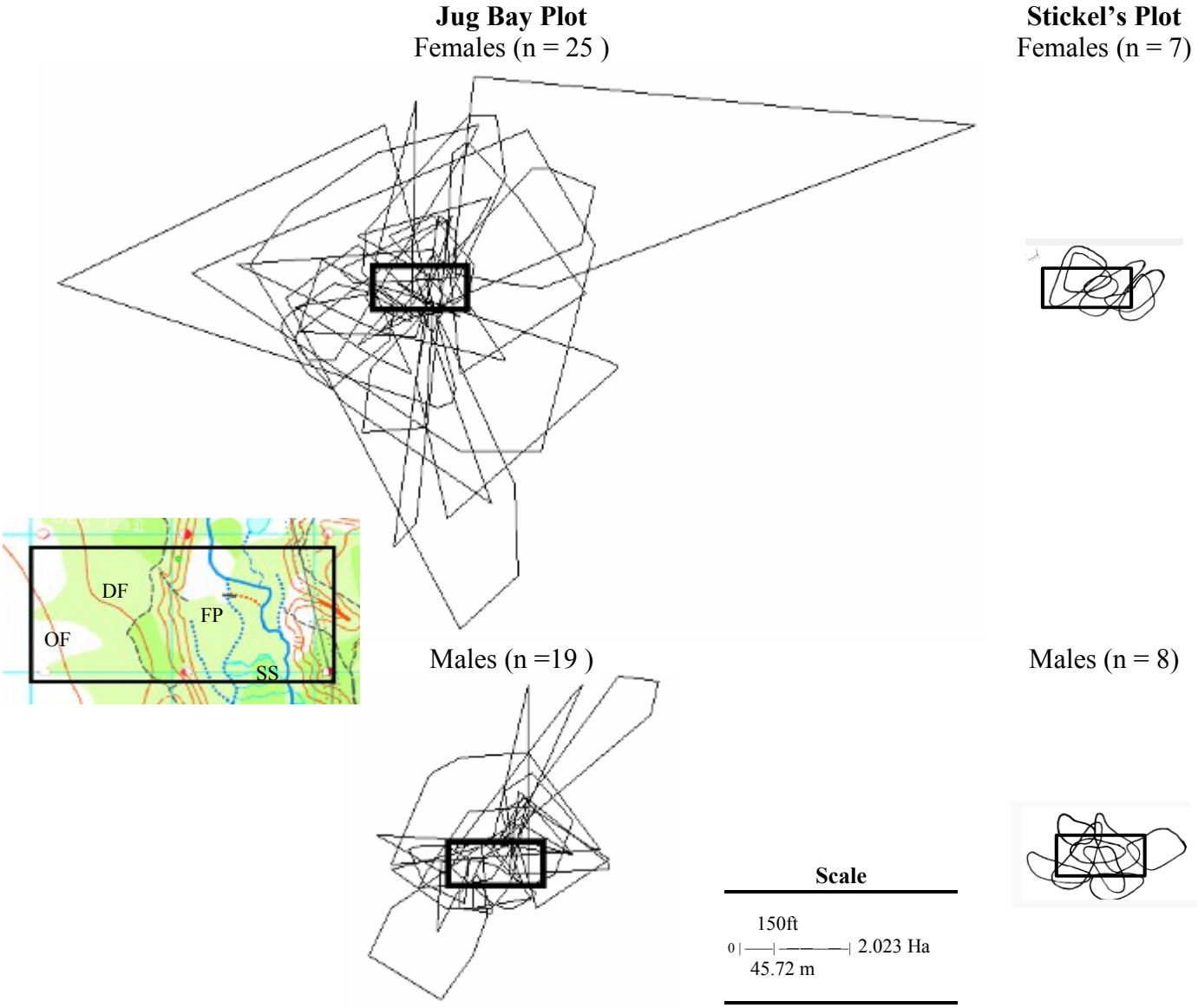

Figure 18. Comparison of Jug Bay male and female MCP home ranges in a 5 acre (2.02 Ha) plot vs. the plotted areas of males and female *T. c. carolina* in the same size plot from Stickel's 1950 study. Jug Bay MCP home range estimations were chosen for comparison because while Stickel does not define the method used for her depicted home ranges they appear to be smoothed MCPs. In her study Stickle states that the above 5 acre plot was chosen because it had the greatest degree of range overlap of any place in the study plot; for comparative purposes a 5 acre plot within the Jug Bay Sanctuary with the most range overlap was chosen. Note that in each study the 5 acre plots are the same for males and females. Enlargement of the Jug Bay 5 acre plot is also depicted to show the 4 habitats found within it: Open Forest (OF), Dense Forest (DF), Flood Plain (FP), and Scrub Shrub (SS).

Habitat Preference

Unlike Strang's 1983 study, significant preferences were found among the seven habitat types. While *T. c. carolina* were found to be more abundant in upland habitats, Figure 17 shows that less the common marsh habitats are also targeted for use. It is very clear that females occupy a much larger and more diverse area of the Sanctuary than do the males. This is due to the nesting requirements of females. Figure 18 is made up of the three most used habitats, open and dense forest flood plain, as well as the lesser used marsh habitat, scrub-shrub. It is therefore no surprise the high degree of overlap within this area. Coinciding with their larger mean home ranges, females used more of each of the 7 habitats than males; this is most likely because nesting preparations require them to travel larger distances between the wetlands (where they fill their bladder-water) and the meadows (where they are most often seen nesting). It is important to note that while the turtles are clearly using the tidal wetlands to a lesser extent than the upland habitats, there is a very strong observer bias against finding the turtles in this habitat through mark-recapture for the simple reason that the marshes are very dense and difficult to walk through.

Conclusion

A conspicuous finding of this study is that females' home range is significantly larger than that of males. This result has important conservation implications because larger, more diverse areas need to be protected in order to insure population health. It is therefore dangerous to average male and female home ranges, as past research has done, because it risks the omission of crucial nesting habitats.

VI. ACKNOWLEDGEMENTS

Arc View

Due to the complexity of the software used for my data analysis, frequent consultations with Arc View experts was necessary. First and foremost I would like to thank Dr. Joel Snodgrass, Assistant Professor of Biology at Towson University, for repeatedly sacrificing large portions of time to meet with me in person or to talk me through processes on the phone or through emails. I also thank Paul Pingrey, founder of Digital Grove, an online GIS mapping service, for essentially making it possible for me to upload the Official Jug Bay topographic map into Arc View, especially after being told countless times by other experts that georeferencing jpeg images was not possible. Lastly, I would like to thank Dr. Arthur Rogers, designer of the HRE extension, and Diana Sinton, NITLE's GIS Program Director, for explaining some of the problems I was experiencing when running various Arc View analyses.

Jug Bay

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Finally I wish to thank my sister Katie for taking time out of her Christmas break to help me input my data into Excel; her assistance put me weeks ahead of schedule. I would also like to thank my friends and family for being there for me when I inevitably became overwhelmed and frustrated with my thesis.

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VII. WORKS CITED

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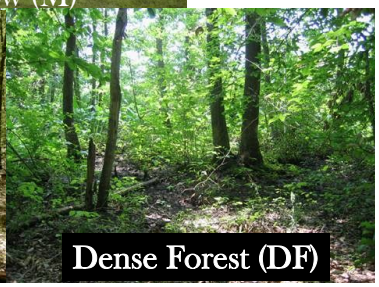
APPENDIX I

Up Land Habitats

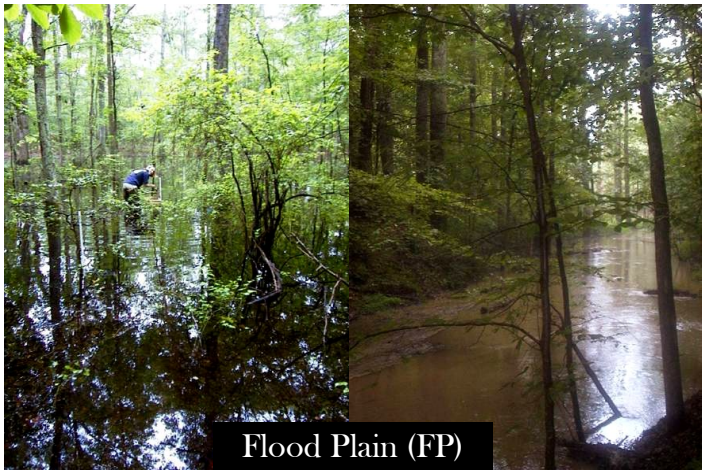
Meadow (M)

Open Forest (OF)



Dense Forest (DF)

Non-Tidal Wetland

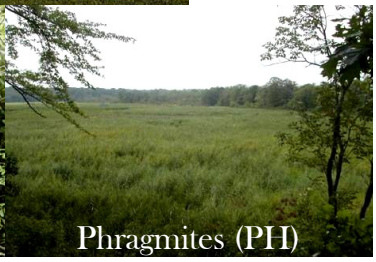


Flood Plain (FP)

Tidal Wetland

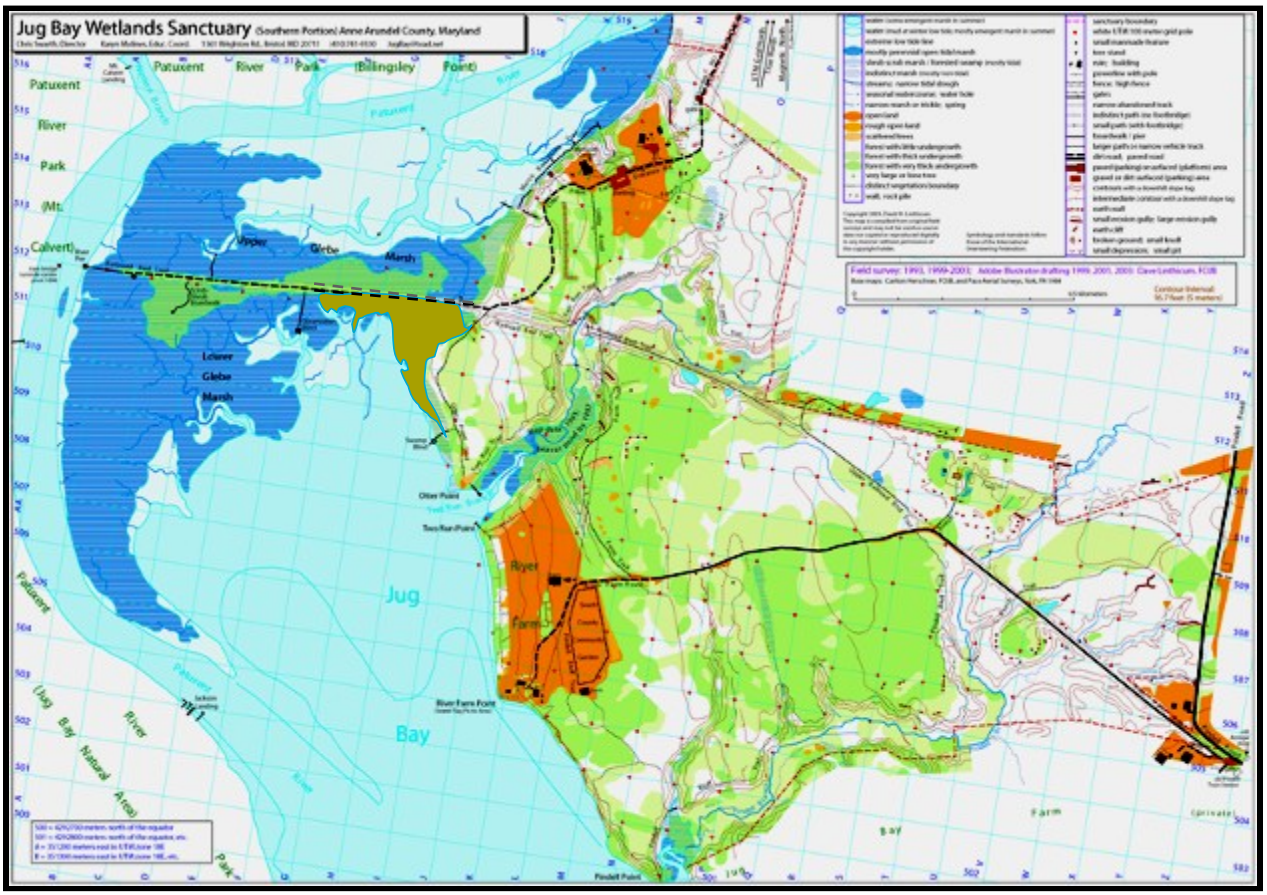
Tidal Wetlands (TW)

Scrub - Shrub (SS)



Phragmites (PH)

APPENDIX II



Upland Habitats	Non-Tidal Wetlands	Tidal Wetlands
Meadow (M)	Flood Plain (FP)	Scrub-Shrub (SS)
Open Forest (OF)		Phragmites (PH)
Dense Forest (DF)		TidalWetland (TW)

APPENDIX III

Georeferencing the Jug Bay Grid Poles to UTM Coordinates

Jug Bay North/South Grid Poles	UTM Northing* Units	Jug Bay East/West Grid Poles	UTM Easting* Units	Jug Bay to UTM Conversion to the nearest 10m	
500	4292700	AAA	351000	**Northing**	
501	4292800	AA	351100	500.0	4292700
502	4292900	A	351200	500.1	4292710
503	4293000	B	351300	500.2	4292720
504	4293100	C	351400	500.3	4292730
505	4293200	D	351500	500.4	4292740
506	4293300	E	351600	500.5	4292750
507	4293400	F	351700	500.6	4292760
508	4293500	G	351800	500.7	4292770
509	4293600	H	351900	500.8	4292780
510	4293700	I	352000	500.9	4292790
511	4293800	J	352100	501.0	4292800
512	4293900	K	352200		
513	4294000	L	352300	**Easting**	
514	4294100	M	352400	A.0	351200
515	4294200	N	352500	A.1	351210
516	4294300	O	352600	A.2	351220
517	4294400	P	352700	A.3	351230
518	4294500	Q	352800	A.4	351240
519	4294600	R	352900	A.5	351250
520	4294700	S	353000	A.6	351260
521	4294800	T	353100	A.7	351270
522	4294900	U	353200	A.8	351280
		V	353300	A.9	351290
		W	353400	B.0	351300
		X	353500		
		Y	353600		
		Z	353700		

Location Data

					Jug Bay Map Grid Points		Arc View Grid Pts	
Sex	**Individual #**	**Tracking**	**# Sightings**	**Dates**	**x**	**y**	**x**	**y**
Female	12	Random	2	9-Jun-98	K.8	515.5	352280	4294250
Female	12	Random		24-May-02	J.8	513.6	352180	4294060
Female	12	Telemetry	9	25-May-02	J.8	513.6	352180	4294060
Female	12	Telemetry		28-May-02	J.8	513.6	352180	4294060
Female	12	Telemetry		29-May-02	J.8	513.7	352180	4294070
Female	12	Telemetry		5-Jun-02	J.9	513.2	352190	4294020
Female	12	Telemetry		7-Jun-02	L.2	515.2	352320	4294220
Female	12	Telemetry		11-Jun-02	K.0	513.7	352200	4294070
Female	12	Telemetry		14-Jun-02	L.8	516.3	352380	4294330
Female	12	Telemetry		16-Jun-02	N.8	516.0	352580	4294300
Female	12	Telemetry		18-Jun-02	N.6	516.0	352560	4294300
Female	15	Random	31	26-May-98	H.5	511.5	351950	4293850
Female	15	Random		23-May-99	I.1	509.8	352010	4293680
Female	15	Random		2-May-00	H.9	510.0	351990	4293700
Female	15	Random		8-Jun-00	I.4	511.6	352040	4293860
Female	15	Random		15-Jun-00	I.4	511.7	352040	4293870
Female	15	Random		22-Jun-00	J.0	511.3	352100	4293830
Female	15	Random		27-Jun-00	J.2	511.3	352120	4293830
Female	15	Random		20-Jul-00	J.4	511.3	352140	4293830
Female	15	Random		1-Aug-00	I.2	511.7	352020	4293870
Female	15	Random		21-Jun-01	I.9	511.0	352090	4293800
Female	15	Random		28-Jun-01	I.6	511.8	352060	4293880
Female	15	Random		3-Jul-01	J.2	511.0	352120	4293800
Female	15	Random		17-Jul-01	I.9	511.2	352090	4293820
Female	15	Random		26-Jul-01	I.5	511.8	352050	4293880
Female	15	Random		2-Aug-01	J.5	511.5	352150	4293850
Female	15	Random		16-Aug-01	J.0	511.5	352100	4293850
Female	15	Random		16-May-02	I.3	511.9	352030	4293890
Female	15	Random		17-May-02	I.3	511.9	352030	4293890
Female	15	Random		20-Jun-02	H.1	511.0	351910	4293800
Female	15	Random		27-Jun-02	H.1	511.2	351910	4293820
Female	15	Random		13-Sep-02	H.6	510.6	351960	4293760
Female	15	Random		19-Sep-02	H.1	510.9	351910	4293790
Female	15	Random		17-Oct-02	I.9	510.5	352090	4293750
Female	15	Random		1-May-03	H.6	510.8	351960	4293780
Female	15	Random		15-May-03	H.8	510.8	351980	4293780
Female	15	Random		31-May-03	H.8	510.8	351980	4293780
Female	15	Random		19-Jun-03	J.0	511.8	352100	4293880
Female	15	Random		12-Jul-03	J.2	511.0	352120	4293800
Female	15	Random		2-Sep-03	I.3	510.6	352030	4293760
Female	15	Random		9-Oct-03	H.5	510.9	351950	4293790
Female	15	Random		5-Jun-04	H.3	510.9	351930	4293790
Female	15	Telemetry	54	9-Jun-00	I.4	511.6	352040	4293860
Female	15	Telemetry		12-Jun-00	H.2	510.7	351920	4293770
Female	15	Telemetry		14-Jun-00	H.1	511.0	351910	4293800

Female	15	Telemetry		21-Jun-00	H.6	510.1	351960	4293710
Female	15	Telemetry		23-Jun-00	J.0	511.2	352100	4293820
Female	15	Telemetry		28-Jun-00	J.0	511.0	352100	4293800
Female	15	Telemetry		5-Jul-00	J.3	511.4	352130	4293840
Female	15	Telemetry		7-Jul-00	I.6	511.0	352060	4293800
Female	15	Telemetry		11-Jul-00	I.6	511.3	352060	4293830
Female	15	Telemetry		18-Jul-00	J.4	510.8	352140	4293780
Female	15	Telemetry		25-Jul-00	I.8	511.8	352080	4293880
Female	15	Telemetry		1-Aug-00	I.3	511.7	352030	4293870
Female	15	Telemetry		17-May-02	I.3	511.9	352030	4293890
Female	15	Telemetry		17-May-02	H.9	510.9	351990	4293790
Female	15	Telemetry		20-May-02	H.9	510.8	351990	4293780
Female	15	Telemetry		22-May-02	H.1	511.1	351910	4293810
Female	15	Telemetry		28-May-02	H.1	511.2	351910	4293820
Female	15	Telemetry		29-May-02	H.1	511.2	351910	4293820
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Female	15	Telemetry		5-Jun-02	H.3	511.3	351930	4293830
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Female	15	Telemetry		14-Jun-02	H.1	510.9	351910	4293790
Female	15	Telemetry		17-Jun-02	H.2	510.8	351920	4293780
Female	15	Telemetry		19-Jun-02	H.2	510.8	351920	4293780
Female	15	Telemetry		20-Jun-02	H.1	511.0	351910	4293800
Female	15	Telemetry		25-Jun-02	H.1	510.8	351910	4293780
Female	15	Telemetry		27-Jun-02	H.0	511.1	351900	4293810
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Female	15	Telemetry		12-Jul-02	I.0	511.2	352000	4293820
Female	15	Telemetry		16-Jul-02	I.0	511.2	352000	4293820
Female	15	Telemetry		19-Jul-02	I.0	511.2	352000	4293820
Female	15	Telemetry		22-Jul-02	H.7	511.2	351970	4293820
Female	15	Telemetry		24-Jul-02	I.4	511.4	352040	4293840
Female	15	Telemetry		26-Jul-02	I.2	511.1	352020	4293810
Female	15	Telemetry		30-Jul-02	J.2	511.2	352120	4293820
Female	15	Telemetry		31-Jul-02	J.0	511.2	352100	4293820
Female	15	Telemetry		5-Aug-02	J.0	511.3	352100	4293830
Female	15	Telemetry		7-Aug-02	J.1	511.4	352110	4293840
Female	15	Telemetry		8-Aug-02	H.1	511.3	351910	4293830
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Female	15	Telemetry		3-Sep-02	H.2	510.7	351920	4293770
Female	15	Telemetry		4-Sep-02	H.6	510.4	351960	4293740
Female	15	Telemetry		10-Sep-02	H.3	510.7	351930	4293770
Female	15	Telemetry		11-Sep-02	H.3	510.7	351930	4293770
Female	15	Telemetry		22-Sep-02	H.1	510.8	351910	4293780
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Female	15	Telemetry		28-Sep-02	H.3	511.0	351930	4293800
Female	15	Telemetry		2-Oct-02	H.3	511.0	351930	4293800
Female	15	Telemetry		9-Oct-02	H.3	511.0	351930	4293800
Female	15	Telemetry		10-Oct-02	I.5	510.5	352050	4293750
Female	27	Random	6	23-Jun-96	K.3	514.6	352230	4294160

Female	27	Random		9-Aug-96	K.2	514.8	352220	4294180
Female	27	Random		28-Aug-99	K.3	514.6	352230	4294160
Female	27	Random		3-Jun-00	K.6	514.9	352260	4294190
Female	27	Random		5-Jul-02	I.6	515.0	352060	4294200
Female	27	Random		8-Sep-02	J.4	515.3	352130	4294230
Female	31	Random	6	13-Jul-97	J.9	510.1	352190	4293710
Female	31	Random		27-Jun-00	J.1	511.8	352110	4293880
Female	31	Random		7-Jun-01	I.7	511.0	352070	4293800
Female	31	Random		12-Jun-03	H.3	511.5	351930	4293850
Female	31	Random		3-Jul-03	J.0	510.5	352100	4293750
Female	31	Random		1-Aug-03	I.4	510.9	352040	4293790
Female	37	Random	2	10-Jul-97	J.3	514.0	352130	4294100
Female	37	Telemetry	37	5-Jul-00	I.7	514.5	352070	4294150
Female	37	Telemetry		22-May-01	I.7	514.6	352070	4294160
Female	37	Telemetry		23-May-01	J.4	514.7	352140	4294170
Female	37	Telemetry		24-May-01	I.7	514.6	352070	4294160
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Female	37	Telemetry		30-May-01	L.2	515.9	352320	4294290
Female	37	Telemetry		1-Jun-01	J.9	514.0	352190	4294100
Female	37	Telemetry		3-Jun-01	U.0	517.0	353200	4294400
Female	37	Telemetry		4-Jun-01	T.9	516.9	353190	4294390
Female	37	Telemetry		11-Jun-01	R.2	516.5	352920	4294350
Female	37	Telemetry		19-Jun-01	M.8	515.9	352480	4294290
Female	37	Telemetry		20-Jun-01	L.8	515.7	352380	4294270
Female	37	Telemetry		22-Jun-01	L.7	516.1	352370	4294310
Female	37	Telemetry		27-Jun-01	T.9	516.9	353190	4294390
Female	37	Telemetry		1-Jul-01	K.6	514.6	352260	4294160
Female	37	Telemetry		3-Jul-01	I.3	513.3	352030	4294030
Female	37	Telemetry		9-Jul-01	I.3	513.0	352030	4294000
Female	37	Telemetry		11-Jul-01	H.3	512.7	351930	4293970
Female	37	Telemetry		12-Jul-01	H.4	512.7	351940	4293970
Female	37	Telemetry		15-Jul-01	H.3	512.5	351930	4293950
Female	37	Telemetry		17-Jul-01	H.3	512.7	351930	4293970
Female	37	Telemetry		27-Jul-01	G.9	512.5	351890	4293950
Female	37	Telemetry		1-Aug-01	G.6	512.6	351860	4293960
Female	37	Telemetry		6-Aug-01	I.8	514.9	352080	4294190
Female	37	Telemetry		9-Aug-01	K.0	514.5	352200	4294150
Female	37	Telemetry		13-Aug-01	I.5	514.4	352050	4294140
Female	37	Telemetry		17-Aug-01	L.0	514.0	352300	4294100
Female	37	Telemetry		22-Aug-01	L.4	513.6	352340	4294060
Female	37	Telemetry		29-Aug-01	J.9	514.2	352190	4294120
Female	37	Telemetry		5-Sep-01	J.4	513.5	352140	4294050
Female	37	Telemetry		12-Sep-01	J.4	513.7	352140	4294070
Female	37	Telemetry		19-Sep-01	K.0	513.7	352200	4294070
Female	37	Telemetry		24-Sep-01	I.3	514.7	352030	4294170
Female	37	Telemetry		3-Oct-01	J.9	514.0	352190	4294100
Female	37	Telemetry		11-Oct-01	K.0	514.4	352200	4294140
Female	37	Telemetry		16-Oct-01	I.9	513.2	352090	4294020
Female	37	Telemetry		18-Oct-01	J.2	513.1	352120	4294010
Female	37	Random		7-Jul-03	K.7	513.6	352270	4294060
Female	39	Random	15	2-May-96	K.3	515.7	352230	4294270
Female	39	Random		15-Oct-96	N.0	515.0	352500	4294200
Female	39	Random		10-Jul-97	L.3	514.3	352330	4294130

Female	39	Random		3-Apr-98	L.0	515.0	352300	4294200
Female	39	Random		14-Jul-98	K.8	513.2	352280	4294020
Female	39	Random		16-Jul-98	M.0	513.5	352400	4294050
Female	39	Random		23-Sep-98	M.6	514.9	352460	4294190
Female	39	Random		12-Jun-00	L.5	515.2	352350	4294220
Female	39	Random		28-Jun-00	L.0	514.8	352300	4294180
Female	39	Random		30-Jul-00	K.5	514.7	352250	4294170
Female	39	Random		22-May-01	K.6	515.5	352260	4294250
Female	39	Random		2-May-02	M.2	514.0	352420	4294100
Female	39	Random		6-Jun-02	L.6	516.6	352360	4294360
Female	39	Random		31-Jul-02	N.0	516.0	352500	4294300
Female	39	Random		31-May-03	K.2	515.7	352220	4294270
Female	39	Telemetry	44	2-Jun-03	K.2	515.8	352220	4294280
Female	39	Telemetry		5-Jun-03	K.7	515.3	352270	4294230
Female	39	Telemetry		9-Jun-03	K.5	515.5	352250	4294250
Female	39	Telemetry		11-Jun-03	L.0	515.3	352300	4294230
Female	39	Telemetry		13-Jun-03	K.2	515.3	352220	4294230
Female	39	Telemetry		16-Jun-03	K.2	515.3	352220	4294230
Female	39	Telemetry		19-Jun-03	K.7	515.3	352270	4294230
Female	39	Telemetry		23-Jun-03	K.6	515.6	352260	4294260
Female	39	Telemetry		25-Jun-03	L.0	515.0	352300	4294200
Female	39	Telemetry		26-Jun-03	K.5	515.0	352250	4294200
Female	39	Telemetry		28-Jun-03	K.6	515.0	352260	4294200
Female	39	Telemetry		30-Jun-03	K.4	515.0	352240	4294200
Female	39	Telemetry		1-Jul-03	K.4	515.1	352240	4294210
Female	39	Telemetry		3-Jul-03	K.6	515.4	352260	4294240
Female	39	Telemetry		8-Jul-03	L.4	515.5	352340	4294250
Female	39	Telemetry		11-Jul-03	L.4	515.6	352340	4294260
Female	39	Telemetry		13-Jul-03	L.4	515.7	352340	4294270
Female	39	Telemetry		15-Jul-03	K.6	515.3	352260	4294230
Female	39	Telemetry		17-Jul-03	L.0	514.4	352300	4294140
Female	39	Telemetry		21-Jul-03	L.4	513.4	352340	4294040
Female	39	Telemetry		31-Jul-03	K.3	515.2	352230	4294220
Female	39	Telemetry		5-Aug-03	K.6	515.4	352260	4294240
Female	39	Telemetry		13-Aug-03	K.8	515.2	352280	4294220
Female	39	Telemetry		20-Aug-03	K.6	515.0	352260	4294200
Female	39	Telemetry		27-Aug-03	K.8	514.7	352280	4294170
Female	39	Telemetry		2-Sep-03	K.8	514.8	352280	4294180
Female	39	Telemetry		11-Sep-03	K.7	515.3	352270	4294230
Female	39	Telemetry		16-Sep-03	K.7	515.4	352270	4294240
Female	39	Telemetry		24-Sep-03	K.8	514.7	352280	4294170
Female	39	Telemetry		2-Oct-03	K.8	514.7	352280	4294170
Female	39	Telemetry		8-Oct-03	K.8	514.7	352280	4294170
Female	39	Telemetry		14-Oct-03	K.6	514.7	352260	4294170
Female	39	Telemetry		22-Oct-03	L.0	514.1	352300	4294110
Female	39	Telemetry		8-Nov-03	M.6	513.3	352460	4294030
Female	39	Telemetry		15-Dec-03	M.6	513.4	352460	4294040
Female	39	Telemetry		21-Jan-04	M.6	513.4	352460	4294040
Female	39	Telemetry		22-Mar-04	M.6	513.4	352460	4294040
Female	39	Telemetry		30-Mar-04	M.6	513.4	352460	4294040
Female	39	Telemetry		10-Apr-04	M.6	513.4	352460	4294040
Female	39	Telemetry		15-Apr-04	M.6	513.4	352460	4294040
Female	39	Telemetry		22-Apr-04	K.6	515.3	352260	4294230

Female	39	Telemetry		26-Apr-04	K.7	515.0	352270	4294200
Female	39	Telemetry		29-Apr-04	K.6	515.3	352260	4294230
Female	39	Telemetry		6-May-04	K.6	515.3	352260	4294230
Female	40	Random	10	23-Sep-97	I.0	512.5	352000	4293950
Female	40	Random		12-Oct-97	H.5	512.4	351950	4293940
Female	40	Random		4-Nov-97	H.7	512.4	351970	4293940
Female	40	Random		16-Jul-98	H.5	512.4	351950	4293940
Female	40	Random		15-Aug-98	H.5	512.4	351950	4293940
Female	40	Random		17-Jul-99	H.5	512.4	351950	4293940
Female	40	Random		10-Sep-99	G.0	512.3	351800	4293930
Female	40	Random		6-Oct-99	H.5	512.4	351950	4293940
Female	40	Random		15-Jun-01	I.4	512.9	352040	4293990
Female	40	Random		15-Oct-03	I.2	512.8	352020	4293980
Female	52	Random	23	14-May-98	H.4	511.0	351940	4293800
Female	52	Random		23-Jun-99	K.8	513.4	352280	4294040
Female	52	Random		28-Jun-99	K.0	510.9	352200	4293790
Female	52	Random		20-Jul-99	K.3	512.0	352230	4293900
Female	52	Random		13-Jun-00	K.0	512.0	352200	4293900
Female	52	Random		27-Jun-00	J.3	511.4	352130	4293840
Female	52	Random		6-Jul-00	J.0	511.4	352100	4293840
Female	52	Random		18-Jul-00	J.3	511.3	352130	4293830
Female	52	Random		20-Jul-00	J.4	511.4	352140	4293840
Female	52	Random		8-Aug-00	J.0	511.4	352100	4293840
Female	52	Random		27-Sep-00	J.4	511.4	352140	4293840
Female	52	Random		1-Jun-01	J.5	511.5	352150	4293850
Female	52	Random		7-Jun-01	J.4	511.6	352140	4293860
Female	52	Random		14-Jun-01	I.8	511.3	352080	4293830
Female	52	Random		21-Jun-01	K.0	511.2	352200	4293820
Female	52	Random		28-Jun-01	J.4	511.8	352140	4293880
Female	52	Random		12-Jul-01	I.7	511.8	352070	4293880
Female	52	Random		26-Jul-01	I.6	511.4	352060	4293840
Female	52	Random		2-Aug-01	I.5	511.8	352050	4293880
Female	52	Random		9-Aug-01	J.0	511.8	352100	4293880
Female	52	Random		16-Aug-01	J.3	511.4	352130	4293840
Female	52	Random		6-Sep-01	J.0	511.8	352100	4293880
Female	52	Random		13-Sep-01	J.0	511.6	352100	4293860
Female	53	Random	15	13-May-98	K.4	512.6	352240	4293960
Female	53	Random		30-May-99	K.4	512.8	352240	4293980
Female	53	Random		2-Jun-99	K.4	512.7	352240	4293970
Female	53	Random		5-Jun-99	K.4	512.8	352240	4293980
Female	53	Random		22-Aug-99	K.4	512.6	352240	4293960
Female	53	Random		3-Jun-00	K.7	512.7	352270	4293970
Female	53	Random		7-Jun-00	K.7	512.7	352270	4293970
Female	53	Random		20-Jun-00	K.7	512.7	352270	4293970
Female	53	Random		12-Jul-00	K.7	512.7	352270	4293970
Female	53	Random		18-Jul-01	K.9	511.6	352290	4293860
Female	53	Random		30-Jun-02	K.5	513.0	352250	4294000
Female	53	Random		3-Oct-02	L.2	511.8	352320	4293880
Female	53	Random		22-May-03	K.4	512.7	352240	4293970
Female	53	Random		2-Jun-03	K.4	512.7	352240	4293970
Female	53	Random		18-May-04	K.7	512.7	352270	4293970
Female	53	Telemetry	14	21-May-04	K.7	512.7	352270	4293970

Female	53	Telemetry		25-May-04	K.5	512.5	352250	4293950
Female	53	Telemetry		27-May-04	K.8	511.6	352280	4293860
Female	53	Telemetry		2-Jun-04	K.7	512.7	352270	4293970
Female	53	Telemetry		4-Jun-04	K.8	512.8	352280	4293980
Female	53	Telemetry		5-Jun-04	L.3	512.4	352330	4293940
Female	53	Telemetry		8-Jun-04	K.7	512.6	352270	4293960
Female	53	Telemetry		10-Jun-04	K.6	512.5	352260	4293950
Female	53	Telemetry		15-Jun-04	K.7	512.6	352270	4293960
Female	53	Telemetry		21-Jun-04	K.4	512.5	352240	4293950
Female	53	Telemetry		24-Jun-04	J.4	513.0	352140	4294000
Female	53	Telemetry		2-Jul--04	K.4	513.4	352240	4294040
Female	53	Telemetry		8-Jul-04	K.9	511.8	352290	4293880
Female	53	Telemetry		13-Jul-04	L.0	511.8	352300	4293880
Female	57	Random	9	3-Jun-95	M.8	511.9	352480	4293890
Female	57	Random		7-Jul-97	L.0	512.2	352300	4293920
Female	57	Random		18-Jun-98	L.8	512.1	352380	4293910
Female	57	Random		25-Jul-99	M.0	512.0	352400	4293900
Female	57	Random		19-May-00	L.8	512.1	352380	4293910
Female	57	Random		3-Jun-00	K.8	512.4	352280	4293920
Female	57	Random		10-Jul-02	M.0	512.0	352400	4293900
Female	57	Random		27-Jun-03	W.5	515.3	353450	4294230
Female	57	Random		7-Jun-04	L.3	516.3	352330	4294330
Female	65	Random	7	4-Aug-97	J.2	513.0	352120	4294000
Female	65	Random		9-May-98	J.4	514.2	352140	4294120
Female	65	Random		17-May-98	J.2	514.7	352120	4294170
Female	65	Random		11-Jul-98	K.2	515.1	352220	4294210
Female	65	Random		14-Sep-99	K.4	514.2	352240	4294120
Female	65	Random		20-Jul-00	K.4	514.2	352240	4294120
Female	65	Random		13-Jul-01	K.0	514.0	352200	4294100
Female	66	Random	3	24-Jun-96	H.4	512.4	351940	4293940
Female	66	Random		2-Jul-96	F.3	512.2	351730	4293920
Female	66	Random		20-Jun-00	L.3	512.7	352330	4293970
Female	66	Telemetry	38	10-May-01	K.0	511.8	352200	4293880
Female	66	Telemetry		12-May-01	H.9	512.0	351990	4293900
Female	66	Telemetry		15-May-01	I.0	512.0	352000	4293900
Female	66	Telemetry		18-May-01	H.9	512.0	351990	4293900
Female	66	Telemetry		23-May-01	H.9	512.0	351990	4293900
Female	66	Telemetry		25-May-01	H.8	512.0	351980	4293900
Female	66	Telemetry		30-May-01	I.0	512.1	352000	4293910
Female	66	Telemetry		4-Jun-01	H.9	512.7	351990	4293970
Female	66	Telemetry		11-Jun-01	J.4	512.9	352140	4293990
Female	66	Telemetry		18-Jun-01	M.5	515.2	352450	4294220
Female	66	Telemetry		20-Jun-01	O.0	512.8	352600	4293980
Female	66	Telemetry		21-Jun-01	F.0	512.2	351700	4293920
Female	66	Telemetry		26-Jun-01	F.8	512.2	351780	4293920
Female	66	Telemetry		27-Jun-01	F.6	512.2	351760	4293920
Female	66	Telemetry		29-Jun-01	F.9	512.6	351790	4293960
Female	66	Telemetry		3-Jul-01	F.9	512.5	351790	4293950
Female	66	Telemetry		6-Jul-01	G.0	512.5	351800	4293950
Female	66	Telemetry		9-Jul-01	G.0	512.5	351800	4293950
Female	66	Telemetry		11-Jul-01	G.0	512.5	351800	4293950

Female	66	Telemetry		12-Jul-01	G.0	512.5	351800	4293950
Female	66	Telemetry		15-Jul-01	F.6	512.2	351760	4293920
Female	66	Telemetry		17-Jul-01	H.8	512.3	351980	4293930
Female	66	Telemetry		27-Jul-01	H.8	512.3	351980	4293930
Female	66	Telemetry		1-Aug-01	H.8	512.3	351980	4293930
Female	66	Telemetry		6-Aug-01	L.1	512.0	352310	4293900
Female	66	Telemetry		9-Aug-01	L.0	511.0	352300	4293800
Female	66	Telemetry		13-Aug-01	L.1	510.8	352310	4293780
Female	66	Telemetry		17-Aug-01	N.0	509.9	352500	4293690
Female	66	Telemetry		20-Aug-01	N.0	509.8	352500	4293680
Female	66	Telemetry		22-Aug-01	L.1	508.7	352310	4293570
Female	66	Telemetry		29-Aug-01	M.8	508.5	352480	4293550
Female	66	Telemetry		6-Sep-01	M.8	508.8	352480	4293580
Female	66	Telemetry		12-Sep-01	M.0	510.3	352400	4293730
Female	66	Telemetry		19-Sep-01	L.0	508.6	352300	4293560
Female	66	Telemetry		27-Sep-01	L.0	508.5	352300	4293550
Female	66	Telemetry		3-Oct-01	L.5	511.3	352350	4293830
Female	66	Telemetry		16-Oct-01	L.4	511.0	352340	4293800
Female	66	Telemetry		18-Oct-01	J.8	511.9	352180	4293890
Female	71	Random	11	25-Jun-96	J.8	511.8	352180	4293880
Female	71	Random		28-Jun-99	J.8	511.2	352180	4293820
Female	71	Random		11-Jul-00	J.0	511.5	352100	4293850
Female	71	Random		19-May-01	J.9	511.0	352190	4293800
Female	71	Random		23-May-01	L.3	509.4	352330	4293640
Female	71	Random		30-Aug-01	J.2	511.9	352120	4293890
Female	71	Random		20-Sep-01	I.7	511.9	352070	4293890
Female	71	Random		23-May-02	K.0	511.1	352200	4293810
Female	71	Random		5-Aug-02	J.2	511.1	352120	4293810
Female	71	Random		19-Jun-03	J.0	511.3	352100	4293830
Female	71	Random		15-Jul-03	K.8	509.4	352280	4293640
Female	71	Telemetry	32	20-May-01	J.9	511.6	352190	4293860
Female	71	Telemetry		22-May-01	K.3	511.3	352230	4293830
Female	71	Telemetry		24-May-01	L.0	507.9	352300	4293490
Female	71	Telemetry		29-May-01	K.7	507.6	352270	4293460
Female	71	Telemetry		3-Jun-01	K.8	505.6	352280	4293260
Female	71	Telemetry		7-Jun-01	K.8	505.7	352280	4293270
Female	71	Telemetry		9-Jun-01	K.7	505.5	352270	4293250
Female	71	Telemetry		18-Jun-01	L.0	505.0	352300	4293200
Female	71	Telemetry		20-Jun-01	L.0	504.8	352300	4293180
Female	71	Telemetry		22-Jun-01	L.0	504.9	352300	4293190
Female	71	Telemetry		27-Jun-01	K.8	505.7	352280	4293270
Female	71	Telemetry		30-Jun-01	K.8	505.8	352280	4293280
Female	71	Telemetry		2-Jul-01	K.6	505.7	352260	4293270
Female	71	Telemetry		9-Jul-01	M.3	505.9	352430	4293290
Female	71	Telemetry		11-Jul-01	M.2	507.8	352420	4293480
Female	71	Telemetry		16-Jul-01	K.1	510.0	352210	4293700
Female	71	Telemetry		17-Jul-01	K.4	511.3	352240	4293830
Female	71	Telemetry		1-Aug-01	K.5	511.3	352250	4293830
Female	71	Telemetry		6-Aug-01	K.5	511.2	352250	4293820
Female	71	Telemetry		13-Aug-01	J.9	511.8	352190	4293880
Female	71	Telemetry		17-Aug-01	J.4	511.8	352140	4293880
Female	71	Telemetry		22-Aug-01	J.1	511.7	352110	4293870

Female	71	Telemetry		29-Aug-01	J.0	511.8	352100	4293880
Female	71	Telemetry		5-Sep-01	J.1	510.5	352110	4293750
Female	71	Telemetry		6-Sep-01	H.1	511.7	351910	4293870
Female	71	Telemetry		12-Sep-01	I.5	511.7	352050	4293870
Female	71	Telemetry		19-Sep-01	I.5	511.6	352050	4293860
Female	71	Telemetry		24-Sep-01	J.0	512.0	352100	4293900
Female	71	Telemetry		3-Oct-01	J.1	511.9	352110	4293890
Female	71	Telemetry		16-Oct-01	J.1	512.0	352110	4293900
Female	71	Telemetry		18-Oct-01	I.7	512.8	352070	4293980
Female	77	Random	5	3-Jul-96	M.5	514.7	352450	4294170
Female	77	Random		17-Sep-97	M.3	515.3	352430	4294230
Female	77	Random		4-Jun-98	K.8	515.4	352280	4294240
Female	77	Random		2-Jun-01	K.6	515.5	352260	4294250
Female	77	Random		8-Aug-01	M.6	515.0	352460	4294200
Female	77	Telemetry	42	22-May-02	L.4	515.4	352340	4294240
Female	77	Telemetry		28-May-02	O.0	513.3	352600	4294030
Female	77	Telemetry		4-Jun-02	T.9	515.5	353190	4294250
Female	77	Telemetry		7-Jun-02	T.7	515.5	353170	4294250
Female	77	Telemetry		12-Jun-02	T.9	515.4	353190	4294240
Female	77	Telemetry		14-Jun-02	U.1	515.0	353210	4294200
Female	77	Telemetry		16-Jun-02	U.2	514.7	353220	4294170
Female	77	Telemetry		18-Jun-02	V.2	514.0	353320	4294100
Female	77	Telemetry		19-Jun-02	V.5	514.0	353350	4294100
Female	77	Telemetry		24-Jun-02	M.3	515.7	352430	4294270
Female	77	Telemetry		25-Jun-02	M.4	515.6	352440	4294260
Female	77	Telemetry		28-Jun-02	M.9	515.3	352490	4294230
Female	77	Telemetry		3-Jul-02	M.9	514.3	352490	4294130
Female	77	Telemetry		5-Jul-02	N.0	515.2	352500	4294220
Female	77	Telemetry		8-Jul-02	N.2	514.8	352520	4294180
Female	77	Telemetry		9-Jul-02	M.7	515.1	352470	4294210
Female	77	Telemetry		18-Jul-02	N.3	515.3	352530	4294230
Female	77	Telemetry		22-Jul-02	N.0	515.0	352500	4294200
Female	77	Telemetry		26-Jul-02	L.7	514.9	352370	4294190
Female	77	Telemetry		28-Jul-02	M.8	514.8	352480	4294180
Female	77	Telemetry		30-Jul-02	N.3	515.3	352530	4294230
Female	77	Telemetry		31-Jul-02	N.0	515.0	352500	4294200
Female	77	Telemetry		2-Aug-02	N.0	515.0	352500	4294200
Female	77	Telemetry		5-Aug-02	N.2	515.0	352520	4294200
Female	77	Telemetry		7-Aug-02	N.3	515.3	352530	4294230
Female	77	Telemetry		9-Aug-02	N.5	515.0	352550	4294200
Female	77	Telemetry		15-Aug-02	N.6	515.0	352560	4294200
Female	77	Telemetry		21-Aug-02	N.0	515.0	352500	4294200
Female	77	Telemetry		29-Aug-02	N.2	515.1	352520	4294210
Female	77	Telemetry		4-Sep-02	N.4	515.0	352540	4294200
Female	77	Telemetry		7-Sep-02	N.3	515.0	352530	4294200
Female	77	Telemetry		9-Sep-02	N.3	515.0	352530	4294200
Female	77	Telemetry		11-Sep-02	N.4	515.0	352540	4294200
Female	77	Telemetry		14-Sep-02	N.0	515.0	352500	4294200
Female	77	Telemetry		16-Sep-02	N.0	515.4	352500	4294240
Female	77	Telemetry		19-Sep-02	M.7	514.4	352470	4294140
Female	77	Telemetry		24-Sep-02	M.8	514.3	352480	4294130
Female	77	Telemetry		27-Sep-02	M.8	514.3	352480	4294130

Female	77	Telemetry		1-Oct-02	M.8	514.2	352480	4294120
Female	77	Telemetry		2-Oct-02	N.0	514.4	352500	4294140
Female	77	Telemetry		9-Oct-02	M.9	515.4	352490	4294240
Female	77	Telemetry		17-Oct-02	M.8	515.5	352480	4294250
Female	80	Random	1	3-Jun-95	K.7	511.5	352270	4293850
Female	80	Telemetry	31	1-May-01	K.8	511.4	352280	4293840
Female	80	Telemetry		2-May-01	K.8	511.4	352280	4293840
Female	80	Telemetry		7-May-01	L.0	509.3	352300	4293630
Female	80	Telemetry		8-May-01	L.0	509.3	352300	4293630
Female	80	Telemetry		9-May-01	L.0	509.5	352300	4293650
Female	80	Telemetry		10-May-01	K.7	509.5	352270	4293650
Female	80	Telemetry		15-May-01	L.2	509.0	352320	4293600
Female	80	Telemetry		18-May-01	K.3	509.4	352230	4293640
Female	80	Telemetry		24-May-01	K.8	509.0	352280	4293600
Female	80	Telemetry		29-May-01	K.9	509.0	352290	4293600
Female	80	Telemetry		4-Jun-01	K.3	509.4	352230	4293640
Female	80	Telemetry		11-Jun-01	K.7	507.1	352270	4293410
Female	80	Telemetry		18-Jun-01	K.8	509.2	352280	4293620
Female	80	Telemetry		20-Jun-01	K.8	509.7	352280	4293670
Female	80	Telemetry		27-Jun-01	K.8	509.7	352280	4293670
Female	80	Telemetry		5-Jul-01	K.0	510.0	352200	4293700
Female	80	Telemetry		6-Jul-01	K.8	511.3	352280	4293830
Female	80	Telemetry		10-Jul-01	K.8	511.3	352280	4293830
Female	80	Telemetry		16-Jul-01	K.0	510.0	352200	4293700
Female	80	Telemetry		17-Jul-01	K.8	511.3	352280	4293830
Female	80	Telemetry		1-Aug-01	K.8	511.0	352280	4293800
Female	80	Telemetry		6-Aug-01	K.3	511.4	352230	4293840
Female	80	Telemetry		13-Aug-01	K.5	509.5	352250	4293650
Female	80	Telemetry		17-Aug-01	L.0	510.7	352300	4293770
Female	80	Telemetry		22-Aug-01	K.8	511.2	352280	4293820
Female	80	Telemetry		29-Aug-01	K.8	510.8	352280	4293780
Female	80	Telemetry		12-Sep-01	L.5	510.5	352350	4293750
Female	80	Telemetry		19-Sep-01	O.0	510.5	352600	4293750
Female	80	Telemetry		27-Sep-01	N.5	510.5	352550	4293750
Female	80	Telemetry		3-Oct-01	O.5	510.2	352650	4293720
Female	80	Telemetry		18-Oct-01	O.5	510.3	352650	4293730
Female	86	Random	5	1-Jun-96	J.3	513.4	352130	4294040.0
Female	86	Random		1-Jul-99	J.3	515.2	352130	4294220.0
Female	86	Random		19-May-00	I.4	514.8	352040	4294180.0
Female	86	Random		19-Jun-02	L.0	515.0	352300	4294200.0
Female	86	Random		12-Aug-02	J.0	514.8	352100	4294180.0
Female	96	Random	5	20-Jun-95	K.8	516.7	352280	4294370.0
Female	96	Random		21-Jun-00	M.5	513.3	352450	4294030.0
Female	96	Random		1-Jun-02	O.4	512.2	352740	4293920.0
Female	96	Random		2-Oct-02	L.7	513.7	352370	4294070.0
Female	96	Random		7-May-03	L.9	513.3	352390	4294030.0
Female	99	Random	6	4-Jun-95	K.2	511.1	352220	4293810.0
Female	99	Random		25-Jun-98	E.9	512.2	351690	4293920.0
Female	99	Random		9-Oct-98	E.3	512.2	351630	4293920.0
Female	99	Random		28-Oct-98	F.1	512.3	351710	4293930.0
Female	99	Random		23-Jun-00	E.0	512.2	351600	4293920.0
Female	99	Random		9-Nov-00	E.8	512.3	351680	4293930.0

Female	100	Random	9	13-Jun-95	K.1	512.3	352210	4293930
Female	100	Random		10-Jul-97	K.7	512.1	352270	4293910
Female	100	Random		13-Jun-98	K.7	512.2	352270	4293920
Female	100	Random		23-Jun-98	G.0	512.4	351800	4293940
Female	100	Random		13-May-99	J.9	511.8	352190	4293880
Female	100	Random		12-Jun-00	K.4	512.7	352240	4293970
Female	100	Random		11-Jun-02	K.4	511.7	352240	4293870
Female	100	Random		17-Aug-02	K.4	512.5	352240	4293950
Female	100	Random		29-Apr-04	J.7	512.0	352170	4293900
Female	100	Telemetry	49	10-May-01	J.9	511.8	352190	4293880
Female	100	Telemetry		12-May-01	J.9	511.8	352190	4293880
Female	100	Telemetry		15-May-01	K.1	512.2	352210	4293920
Female	100	Telemetry		18-May-01	K.1	512.2	352210	4293920
Female	100	Telemetry		23-May-01	K.4	512.6	352240	4293960
Female	100	Telemetry		25-May-01	K.4	512.6	352240	4293960
Female	100	Telemetry		30-May-01	K.4	512.6	352240	4293960
Female	100	Telemetry		4-Jun-01	K.4	511.7	352240	4293870
Female	100	Telemetry		8-Jun-01	K.4	511.8	352240	4293880
Female	100	Telemetry		19-Jun-01	K.0	512.0	352200	4293900
Female	100	Telemetry		20-Jun-01	K.1	512.3	352210	4293930
Female	100	Telemetry		26-Jun-01	K.8	511.4	352280	4293840
Female	100	Telemetry		29-Jun-01	K.0	511.8	352200	4293880
Female	100	Telemetry		5-Jul-01	K.2	511.4	352220	4293840
Female	100	Telemetry		9-Jul-01	K.0	511.7	352200	4293870
Female	100	Telemetry		11-Jul-01	K.4	512.6	352240	4293960
Female	100	Telemetry		16-Jul-01	K.2	511.8	352220	4293880
Female	100	Telemetry		17-Jul-01	L.0	511.4	352300	4293840
Female	100	Telemetry		1-Aug-01	K.0	511.8	352200	4293880
Female	100	Telemetry		6-Aug-01	K.3	512.1	352230	4293910
Female	100	Telemetry		9-Aug-01	K.3	511.9	352230	4293890
Female	100	Telemetry		13-Aug-01	K.4	512.0	352240	4293900
Female	100	Telemetry		17-Aug-01	J.8	511.3	352180	4293830
Female	100	Telemetry		20-Aug-01	K.4	511.6	352240	4293860
Female	100	Telemetry		22-Aug-01	K.4	511.8	352240	4293880
Female	100	Telemetry		29-Aug-01	J.8	511.4	352180	4293840
Female	100	Telemetry		5-Sep-01	J.7	511.8	352170	4293880
Female	100	Telemetry		6-Sep-01	K.0	511.2	352200	4293820
Female	100	Telemetry		12-Sep-01	K.1	511.8	352210	4293880
Female	100	Telemetry		19-Sep-01	K.1	511.7	352210	4293870
Female	100	Telemetry		26-Sep-01	K.1	511.8	352210	4293880
Female	100	Telemetry		3-Oct-01	K.3	512.6	352230	4293960
Female	100	Telemetry		4-May-04	K.1	512.1	352210	4293910
Female	100	Telemetry		6-May-04	K.1	512.1	352210	4293910
Female	100	Telemetry		13-May-04	K.1	511.9	352210	4293890
Female	100	Telemetry		17-May-04	K.5	512.0	352250	4293900
Female	100	Telemetry		18-May-04	K.5	512.0	352250	4293900
Female	100	Telemetry		21-May-04	K.3	511.9	352230	4293890
Female	100	Telemetry		25-May-04	K.2	512.0	352220	4293900
Female	100	Telemetry		27-May-04	K.1	511.8	352210	4293880
Female	100	Telemetry		3-Jun-04	K.0	511.9	352200	4293890
Female	100	Telemetry		8-Jun-04	K.0	511.9	352200	4293890
Female	100	Telemetry		10-Jun-04	K.0	511.6	352200	4293860
Female	100	Telemetry		14-Jun-04	K.4	511.3	352240	4293830

Female	100	Telemetry		21-Jun-04	M.0	510.4	352400	4293740
Female	100	Telemetry		25-Jun-04	M.0	510.4	352400	4293740
Female	100	Telemetry		6-Jul-04	J.6	511.9	352160	4293890
Female	100	Telemetry		9-Jul-04	J.2	511.0	352120	4293800
Female	100	Telemetry		15-Jul-04	K.0	511.8	352200	4293880
Female	117	Random	7	10-Jul-95	M.6	514.4	352460	4294140.0
Female	117	Random		10-Jul-98	M.7	512.6	352470	4293960.0
Female	117	Random		5-Jun-99	M.4	513.9	352440	4294090.0
Female	117	Random		31-Jul-99	N.0	514.4	352500	4294140.0
Female	117	Random		2-Aug-01	O.0	514.0	352600	4294100.0
Female	117	Random		6-Sep-01	J.2	511.0	352120	4293800.0
Female	117	Random		6-Aug-02	N.7	512.8	352570	4293980.0
Female	126	Random	6	13-Jun-97	K.8	515.7	352280	4294270.0
Female	126	Random		29-Jul-98	J.0	515.5	352100	4294250.0
Female	126	Random		26-May-00	K.8	515.8	352280	4294280.0
Female	126	Random		8-Jul-00	K.5	515.6	352250	4294260.0
Female	126	Random		4-Aug-02	K.3	515.6	352230	4294260.0
Female	126	Random		11-Aug-03	I.8	515.4	352080	4294240.0
Female	128	Random	13	11-Jul-95	J.7	515.4	352170	4294240.0
Female	128	Random		24-Jun-96	J.7	515.4	352170	4294240.0
Female	128	Random		19-Sep-97	J.7	515.2	352170	4294220.0
Female	128	Random		9-May-98	J.4	515.5	352140	4294250.0
Female	128	Random		22-Jun-98	I.6	514.7	352060	4294170.0
Female	128	Random		8-Jul-98	J.2	515.6	352120	4294260.0
Female	128	Random		23-Jul-98	I.8	515.3	352080	4294230.0
Female	128	Random		8-Oct-98	J.0	515.0	352100	4294200.0
Female	128	Random		3-Jun-99	J.7	515.4	352170	4294240.0
Female	128	Random		20-Jul-99	J.7	515.4	352170	4294240.0
Female	128	Random		14-Sep-99	J.2	515.6	352120	4294260.0
Female	128	Random		5-May-00	I.6	514.7	352060	4294170.0
Female	128	Telemetry	161	6-May-00	I.6	514.7	352060	4294170.0
Female	128	Telemetry		10-May-00	I.4	514.3	352040	4294130.0
Female	128	Telemetry		11-May-00	I.7	514.5	352070	4294150.0
Female	128	Telemetry		17-May-00	K.2	515.0	352220	4294200.0
Female	128	Telemetry		17-May-00	I.8	515.3	352080	4294230.0
Female	128	Telemetry		18-May-00	K.7	515.0	352270	4294200.0
Female	128	Telemetry		19-May-00	K.8	515.2	352280	4294220.0
Female	128	Telemetry		22-May-00	K.7	515.1	352270	4294210.0
Female	128	Telemetry		24-May-00	L.0	514.8	352300	4294180.0
Female	128	Telemetry		25-May-00	L.1	515.0	352310	4294200.0
Female	128	Telemetry		27-May-00	L.4	514.9	352340	4294190.0
Female	128	Telemetry		28-May-00	L.3	514.7	352330	4294170.0
Female	128	Telemetry		31-May-00	L.2	515.0	352320	4294200.0
Female	128	Telemetry		1-Jun-00	L.5	515.3	352350	4294230.0
Female	128	Telemetry		2-Jun-00	L.0	515.1	352300	4294210.0
Female	128	Telemetry		6-Jun-00	L.2	514.9	352320	4294190.0
Female	128	Telemetry		7-Jun-00	L.4	514.7	352340	4294170.0
Female	128	Telemetry		8-Jun-00	K.9	515.0	352290	4294200.0
Female	128	Telemetry		9-Jun-00	L.0	515.1	352300	4294210.0
Female	128	Telemetry		12-Jun-00	I.4	514.2	352040	4294120.0
Female	128	Telemetry		14-Jun-00	I.3	514.3	352030	4294130.0

Female	128	Telemetry		16-Jun-00	I.6	514.3	352060	4294130.0
Female	128	Telemetry		19-Jun-00	J.5	514.5	352150	4294150.0
Female	128	Telemetry		23-Jun-00	J.2	514.5	352120	4294150.0
Female	128	Telemetry		27-Jun-00	J.0	515.0	352100	4294200.0
Female	128	Telemetry		28-Jun-00	J.0	515.0	352100	4294200.0
Female	128	Telemetry		3-Jul-00	J.7	515.2	352170	4294220.0
Female	128	Telemetry		10-Jul-00	J.7	515.2	352170	4294220.0
Female	128	Telemetry		18-Jul-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		20-Jul-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		25-Jul-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		1-Aug-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		8-Aug-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		15-Aug-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		17-Aug-00	J.4	514.7	352140	4294170.0
Female	128	Telemetry		25-Aug-00	J.7	515.4	352170	4294240.0
Female	128	Telemetry		7-Sep-00	J.8	515.8	352180	4294280.0
Female	128	Telemetry		17-May-01	L.1	515.2	352310	4294220.0
Female	128	Telemetry		18-May-01	L.3	515.1	352330	4294210.0
Female	128	Telemetry		22-May-01	L.2	515.2	352320	4294220.0
Female	128	Telemetry		23-May-01	L.2	515.1	352320	4294210.0
Female	128	Telemetry		24-May-01	L.2	515.1	352320	4294210.0
Female	128	Telemetry		25-May-01	L.2	515.1	352320	4294210.0
Female	128	Telemetry		29-May-01	L.2	515.2	352320	4294220.0
Female	128	Telemetry		30-May-01	K.9	515.4	352290	4294240.0
Female	128	Telemetry		1-Jun-01	K.9	515.4	352290	4294240.0
Female	128	Telemetry		3-Jun-01	L.2	514.8	352320	4294180.0
Female	128	Telemetry		4-Jun-01	L.2	514.8	352320	4294180.0
Female	128	Telemetry		7-Jun-01	M.8	518.7	352480	4294570.0
Female	128	Telemetry		8-Jun-01	N.6	520.5	352560	4294750.0
Female	128	Telemetry		11-Jun-01	N.6	520.5	352560	4294750.0
Female	128	Telemetry		18-Jun-01	M.0	517.8	352400	4294480.0
Female	128	Telemetry		21-Jun-01	O.0	516.8	352600	4294380.0
Female	128	Telemetry		22-Jun-01	O.0	516.8	352600	4294380.0
Female	128	Telemetry		26-Jun-01	O.0	516.8	352600	4294380.0
Female	128	Telemetry		29-Jun-01	N.4	520.3	352540	4294730.0
Female	128	Telemetry		3-Jul-01	M.3	518.3	352430	4294530.0
Female	128	Telemetry		5-Jul-01	M.3	519.3	352430	4294630.0
Female	128	Telemetry		6-Jul-01	K.2	516.9	352220	4294390.0
Female	128	Telemetry		10-Jul-01	K.4	516.7	352240	4294370.0
Female	128	Telemetry		19-Jul-01	J.4	515.0	352140	4294200.0
Female	128	Telemetry		24-Jul-01	K.6	514.6	352260	4294160.0
Female	128	Telemetry		26-Jul-01	I.6	514.7	352060	4294170.0
Female	128	Telemetry		1-Aug-01	I.9	515.1	352090	4294210.0
Female	128	Telemetry		6-Aug-01	J.1	515.3	352110	4294230.0
Female	128	Telemetry		9-Aug-01	J.6	515.0	352160	4294200.0
Female	128	Telemetry		13-Aug-01	I.7	514.4	352070	4294140.0
Female	128	Telemetry		17-Aug-01	I.6	514.9	352060	4294190.0
Female	128	Telemetry		22-Aug-01	I.5	514.3	352050	4294130.0
Female	128	Telemetry		23-Aug-01	I.5	514.8	352050	4294180.0
Female	128	Telemetry		29-Aug-01	I.6	513.9	352060	4294090.0

Female	128	Telemetry		6-Sep-01	I.8	514.9	352080	4294190.0
Female	128	Telemetry		11-Sep-01	I.5	514.5	352050	4294150.0
Female	128	Telemetry		12-Sep-01	I.9	514.9	352090	4294190.0
Female	128	Telemetry		19-Sep-01	J.4	515.3	352140	4294230.0
Female	128	Telemetry		24-Sep-01	I.9	514.9	352090	4294190.0
Female	128	Telemetry		3-Oct-01	J.8	514.9	352180	4294190.0
Female	128	Telemetry		11-Oct-01	J.5	514.8	352150	4294180.0
Female	128	Telemetry		16-Oct-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		18-Oct-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		31-Oct-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		15-Nov-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		27-Nov-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		11-Dec-01	J.0	514.9	352100	4294190.0
Female	128	Telemetry		14-Jan-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		11-Feb-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		22-Feb-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		1-Apr-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		3-Apr-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		4-Apr-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		5-Apr-02	I.9	514.9	352090	4294190.0
Female	128	Telemetry		8-Apr-02	J.2	514.8	352120	4294180.0
Female	128	Telemetry		10-Apr-02	J.2	514.8	352120	4294180.0
Female	128	Telemetry		13-Apr-02	J.2	514.8	352120	4294180.0
Female	128	Telemetry		16-Apr-02	I.2	514.2	352020	4294120.0
Female	128	Telemetry		18-Apr-02	I.2	514.2	352020	4294120.0
Female	128	Telemetry		24-Apr-02	I.2	514.2	352020	4294120.0
Female	128	Telemetry		26-Apr-02	I.2	514.2	352020	4294120.0
Female	128	Telemetry		3-May-02	I.5	514.6	352050	4294160.0
Female	128	Telemetry		4-May-02	I.6	513.3	352060	4294030.0
Female	128	Telemetry		6-May-02	I.6	513.3	352060	4294030.0
Female	128	Telemetry		9-May-02	I.5	514.6	352050	4294160.0
Female	128	Telemetry		13-May-02	J.8	514.8	352180	4294180.0
Female	128	Telemetry		14-May-02	J.8	515.0	352180	4294200.0
Female	128	Telemetry		15-May-02	J.8	515.0	352180	4294200.0
Female	128	Telemetry		16-May-02	J.8	515.0	352180	4294200.0
Female	128	Telemetry		17-May-02	J.8	515.0	352180	4294200.0
Female	128	Telemetry		20-May-02	K.8	514.9	352280	4294190.0
Female	128	Telemetry		21-May-02	K.8	514.9	352280	4294190.0
Female	128	Telemetry		22-May-02	L.1	514.9	352310	4294190.0
Female	128	Telemetry		28-May-02	L.2	514.9	352320	4294190.0
Female	128	Telemetry		29-May-02	L.1	514.9	352310	4294190.0
Female	128	Telemetry		4-Jun-02	L.0	513.8	352300	4294080.0
Female	128	Telemetry		7-Jun-02	M.2	513.8	352420	4294080.0
Female	128	Telemetry		12-Jun-02	M.2	513.8	352420	4294080.0
Female	128	Telemetry		13-Jun-02	M.2	513.8	352420	4294080.0
Female	128	Telemetry		14-Jun-02	M.8	514.8	352480	4294180.0
Female	128	Telemetry		16-Jun-02	M.7	514.8	352470	4294180.0
Female	128	Telemetry		17-Jun-02	M.8	513.8	352480	4294080.0
Female	128	Telemetry		18-Jun-02	M.7	514.O	352470	4294100.0
Female	128	Telemetry		20-Jun-02	L.1	514.9	352310	4294190.0
Female	128	Telemetry		21-Jun-02	I.9	514.7	352090	4294170.0
Female	128	Telemetry		24-Jun-02	I.2	514.2	352020	4294120.0

Female	128	Telemetry		25-Jun-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		3-Jul-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		8-Jul-02	I.5	514.1	352050	4294110.0
Female	128	Telemetry		11-Jul-02	J.0	514.9	352100	4294190.0
Female	128	Telemetry		15-Jul-02	I.5	514.7	352050	4294170.0
Female	128	Telemetry		18-Jul-02	I.5	514.7	352050	4294170.0
Female	128	Telemetry		22-Jul-02	I.6	513.7	352060	4294070.0
Female	128	Telemetry		24-Jul-02	I.6	513.7	352060	4294070.0
Female	128	Telemetry		25-Jul-02	I.6	513.7	352060	4294070.0
Female	128	Telemetry		26-Jul-02	I.6	513.7	352060	4294070.0
Female	128	Telemetry		5-Aug-02	I.8	514.3	352080	4294130.0
Female	128	Telemetry		7-Aug-02	I.7	514.6	352070	4294160.0
Female	128	Telemetry		15-Aug-02	I.8	514.6	352080	4294160.0
Female	128	Telemetry		20-Aug-02	I.6	513.2	352060	4294020.0
Female	128	Telemetry		21-Aug-02	I.6	513.2	352060	4294020.0
Female	128	Telemetry		27-Aug-02	I.8	514.7	352080	4294170.0
Female	128	Telemetry		29-Aug-02	I.5	515.0	352050	4294200.0
Female	128	Telemetry		3-Sep-02	I.5	514.6	352050	4294160.0
Female	128	Telemetry		4-Sep-02	J.4	515.0	352140	4294200.0
Female	128	Telemetry		7-Sep-02	J.3	515.1	352130	4294210.0
Female	128	Telemetry		8-Sep-02	J.7	515.2	352170	4294220.0
Female	128	Telemetry		9-Sep-02	J.7	515.2	352170	4294220.0
Female	128	Telemetry		11-Sep-02	J.4	514.3	352140	4294130.0
Female	128	Telemetry		13-Sep-02	J.4	514.3	352140	4294130.0
Female	128	Telemetry		14-Sep-02	J.4	514.3	352140	4294130.0
Female	128	Telemetry		16-Sep-02	J.7	514.7	352170	4294170.0
Female	128	Telemetry		18-Sep-02	J.4	514.3	352140	4294130.0
Female	128	Telemetry		19-Sep-02	J.0	514.3	352100	4294130.0
Female	128	Telemetry		24-Sep-02	J.5	514.3	352150	4294130.0
Female	128	Telemetry		27-Sep-02	I.8	514.2	352080	4294120.0
Female	128	Telemetry		28-Sep-02	J.1	514.4	352110	4294140.0
Female	128	Telemetry		2-Oct-02	J.4	514.4	352140	4294140.0
Female	128	Telemetry		9-Oct-02	J.6	514.6	352160	4294160.0
Female	128	Telemetry		17-Oct-02	J.7	514.8	352170	4294180.0
Female	128	Telemetry		24-Oct-02	J.5	514.4	352150	4294140.0
Female	128	Telemetry		26-Oct-02	J.7	515.4	352170	4294240.0
Female	128	Telemetry		28-Oct-02	J.4	514.3	352140	4294130.0
Female	128	Telemetry		31-Oct-02	J.4	514.3	352140	4294130.0
Female	128	Random		2-Apr-03	J.1	514.9	352110	4294190.0
Female	136	Random	14	1-Jul-97	J.3	510.3	352130	4293730
Female	136	Random		8-Jul-97	J.3	510.0	352130	4293700
Female	136	Random		3-Aug-97	J.2	510.0	352120	4293700
Female	136	Random		5-Jun-98	K.2	509.0	352220	4293600
Female	136	Random		7-Jul-98	J.9	510.2	352190	4293720
Female	136	Random		11-Jul-98	J.8	510.2	352180	4293720
Female	136	Random		12-Jul-98	J.8	510.2	352180	4293720
Female	136	Random		30-Sep-98	J.5	510.3	352150	4293730
Female	136	Random		6-Jul-99	J.9	510.2	352190	4293720
Female	136	Random		13-Jun-00	K.4	511.6	352240	4293860
Female	136	Random		21-Jun-00	I.8	508.9	352080	4293590
Female	136	Random		13-Jul-01	K.0	510.9	352200	4293790

Female	136	Random		15-Jul-01	K.0	510.2	352200	4293720
Female	136	Random		3-Jul-03	J.0	510.2	352100	4293720
Female	141	Random	6	27-Sep-95	J.3	515.3	352130	4294230
Female	141	Random		25-Jun-97	G.3	512.3	351830	4293930
Female	141	Random		28-Aug-97	F.2	512.1	351720	4293910
Female	141	Random		15-Jun-00	K.8	509.5	352280	4293650
Female	141	Telemetry	22	18-Jun-00	K.9	509.8	352290	4293680
Female	141	Telemetry		28-Jun-00	K.5	509.4	352250	4293640
Female	141	Telemetry		5-Jul-00	H.0	512.1	351900	4293910
Female	141	Telemetry		6-Jul-00	H.1	512.0	351910	4293900
Female	141	Telemetry		7-Jul-00	H.5	512.5	351950	4293950
Female	141	Telemetry		11-Jul-00	I.0	512.5	352000	4293950
Female	141	Telemetry		11-Jul-00	G.8	511.8	351880	4293880
Female	141	Telemetry		13-Jul-00	E.9	512.3	351690	4293930
Female	141	Telemetry		19-Jul-00	H.1	512.0	351910	4293900
Female	141	Telemetry		24-Jul-00	H.0	512.7	351900	4293970
Female	141	Telemetry		25-Jul-00	H.0	512.7	351900	4293970
Female	141	Telemetry		27-Jul-00	H.0	512.7	351900	4293970
Female	141	Telemetry		1-Aug-00	H.0	512.3	351900	4293930
Female	141	Telemetry		8-Aug-00	H.0	512.3	351900	4293930
Female	141	Telemetry		15-Aug-00	H.0	512.3	351900	4293930
Female	141	Telemetry		23-Aug-00	H.3	512.4	351930	4293940
Female	141	Telemetry		28-Aug-00	H.2	513.4	351920	4294040
Female	141	Telemetry		14-Sep-00	D.3	512.1	351530	4293910
Female	141	Telemetry		22-Sep-00	D.3	512.1	351530	4293910
Female	141	Telemetry		12-Oct-00	E.3	512.3	351630	4293930
Female	141	Telemetry		26-Oct-00	H.6	512.3	351960	4293930
Female	141	Telemetry		21-Nov-00	G.0	512.2	351800	4293920
Female	141	Random		19-Jul-02	C.0	512.0	351400	4293900
Female	141	Random		18-Sep-02	C.5	512.0	351450	4293900
Female	146	Random	30	9-Sep-95	K.6	512.0	352260	4293900.0
Female	146	Random		18-Sep-95	K.6	512.0	352260	4293900.0
Female	146	Random		11-Jun-96	K.6	512.0	352260	4293900.0
Female	146	Random		25-Apr-98	K.7	512.7	352270	4293970.0
Female	146	Random		13-May-98	K.4	512.6	352240	4293960.0
Female	146	Random		24-Jun-98	J.9	511.8	352190	4293880.0
Female	146	Random		15-Jul-98	K.4	511.5	352240	4293850.0
Female	146	Random		25-May-99	K.6	512.0	352260	4293900.0
Female	146	Random		21-Jul-99	K.4	514.4	352240	4294140.0
Female	146	Random		13-Sep-99	K.7	513.2	352270	4294020.0
Female	146	Random		30-Apr-00	K.6	512.7	352260	4293970.0
Female	146	Random		22-Jun-00	K.3	511.6	352230	4293860.0
Female	146	Random		25-Jun-00	I.8	512.2	352080	4293920.0
Female	146	Random		27-Jun-00	K.1	512.3	352210	4293930.0
Female	146	Random		8-Aug-00	K.1	512.2	352210	4293920.0
Female	146	Random		15-Aug-00	K.7	513.3	352270	4294030.0
Female	146	Random		19-Aug-00	K.7	513.3	352270	4294030.0
Female	146	Random		29-May-01	L.2	515.5	352320	4294250.0
Female	146	Random		2-Jun-01	L.8	515.5	352380	4294250.0
Female	146	Random		8-Jun-01	L.2	515.5	352320	4294250.0
Female	146	Random		13-Aug-01	K.2	511.6	352220	4293860.0

Female	146	Random		12-Jul-02	K.6	512.0	352260	4293900.0
Female	146	Random		7-Sep-02	M.0	514.2	352400	4294120.0
Female	146	Random		13-Sep-02	K.1	512.4	352210	4293940.0
Female	146	Random		15-Sep-02	K.2	512.4	352220	4293940.0
Female	146	Random		17-Sep-02	K.3	513.0	352230	4294000.0
Female	146	Random		23-Oct-02	K.8	513.0	352280	4294000.0
Female	146	Random		30-May-03	K.4	511.0	352240	4293800.0
Female	146	Random		21-Jul-03	K.7	513.3	352270	4294030.0
Female	146	Random		11-Sep-03	I.9	513.1	352090	4294010.0
Female	153	Random	8	4-May-96	L.3	513.7	352330	4294070.0
Female	153	Random		29-Aug-96	I.7	513.0	352070	4294000.0
Female	153	Random		9-Jul-98	L.0	513.3	352300	4294030.0
Female	153	Random		15-Jul-98	K.2	512.9	352220	4293990.0
Female	153	Random		27-Aug-98	K.7	513.1	352270	4294010.0
Female	153	Random		5-Jun-99	K.6	512.0	352260	4293900.0
Female	153	Random		13-Sep-99	K.7	513.2	352270	4294020.0
Female	153	Telemetry	15	8-Jun-00	K.7	513.3	352270	4294030.0
Female	153	Telemetry		9-Jun-00	K.7	513.3	352270	4294030.0
Female	153	Telemetry		11-Jun-00	K.6	513.3	352260	4294030.0
Female	153	Telemetry		12-Jun-00	K.6	513.3	352260	4294030.0
Female	153	Telemetry		14-Jun-00	K.6	512.9	352260	4293990.0
Female	153	Telemetry		16-Jun-00	K.6	513.3	352260	4294030.0
Female	153	Telemetry		21-Jun-00	K.6	512.9	352260	4293990.0
Female	153	Telemetry		23-Jun-00	K.8	513.3	352280	4294030.0
Female	153	Telemetry		28-Jun-00	L.7	513.8	352370	4294080.0
Female	153	Telemetry		3-Jul-00	K.6	512.9	352260	4293990.0
Female	153	Telemetry		12-Jul-00	K.8	513.3	352280	4294030.0
Female	153	Telemetry		18-Jul-00	K.6	512.9	352260	4293990.0
Female	153	Telemetry		25-Jul-00	K.7	513.3	352270	4294030.0
Female	153	Telemetry		21-Sep-00	K.6	512.9	352260	4293990.0
Female	153	Telemetry		26-Oct-00	K.6	512.9	352260	4293990.0
Female	153	Random		5-Sep-02	K.7	513.3	352270	4294030.0
Female	157	Random	20	16-Jul-95	K.5	515.7	352250	4294270
Female	157	Random		1-May-96	K.1	515.4	352210	4294240
Female	157	Random		23-May-96	J.4	516.2	352140	4294320
Female	157	Random		28-May-96	J.4	516.2	352140	4294320
Female	157	Random		23-Jun-97	K.5	515.7	352250	4294270
Female	157	Random		21-Aug-97	K.8	516.0	352280	4294300
Female	157	Random		19-Sep-97	J.7	515.3	352170	4294230
Female	157	Random		9-Oct-97	K.2	515.0	352220	4294200
Female	157	Random		18-Jun-98	K.1	516.8	352210	4294380
Female	157	Random		26-Jun-98	K.5	515.7	352250	4294270
Female	157	Random		16-Sep-98	K.0	515.8	352200	4294280
Female	157	Random		1-Oct-98	K.5	516.2	352250	4294320
Female	157	Random		15-Jul-99	K.6	516.0	352260	4294300
Female	157	Random		19-Jul-00	K.0	515.8	352200	4294280
Female	157	Random		21-Sep-00	K.0	515.8	352200	4294280
Female	157	Random		28-Sep-00	K.0	515.8	352200	4294280
Female	157	Random		28-Sep-00	K.3	515.8	352230	4294280
Female	157	Telemetry	37	9-May-01	K.1	516.7	352210	4294370

Female	157	Telemetry		10-May-01	K.3	516.8	352230	4294380
Female	157	Telemetry		15-May-01	K.3	516.8	352230	4294380
Female	157	Telemetry		17-May-01	K.3	516.9	352230	4294390
Female	157	Telemetry		21-May-01	K.3	516.8	352230	4294380
Female	157	Telemetry		24-May-01	K.5	516.0	352250	4294300
Female	157	Telemetry		29-May-01	K.5	516.0	352250	4294300
Female	157	Telemetry		30-May-01	K.4	515.9	352240	4294290
Female	157	Telemetry		1-Jun-01	K.5	516.1	352250	4294310
Female	157	Telemetry		3-Jun-01	K.5	516.0	352250	4294300
Female	157	Telemetry		4-Jun-01	K.5	516.6	352250	4294360
Female	157	Telemetry		5-Jun-01	K.5	516.6	352250	4294360
Female	157	Telemetry		18-Jun-01	K.5	516.6	352250	4294360
Female	157	Telemetry		21-Jun-01	K.2	516.9	352220	4294390
Female	157	Telemetry		27-Jun-01	K.2	516.8	352220	4294380
Female	157	Telemetry		3-Jul-01	K.2	516.8	352220	4294380
Female	157	Telemetry		9-Jul-01	K.4	516.6	352240	4294360
Female	157	Telemetry		10-Jul-01	K.3	516.6	352230	4294360
Female	157	Telemetry		19-Jul-01	K.4	516.6	352240	4294360
Female	157	Telemetry		24-Jul-01	K.4	516.6	352240	4294360
Female	157	Telemetry		1-Aug-01	K.5	516.6	352250	4294360
Female	157	Telemetry		6-Aug-01	K.5	516.5	352250	4294350
Female	157	Telemetry		9-Aug-01	K.5	516.5	352250	4294350
Female	157	Telemetry		13-Aug-01	K.5	516.4	352250	4294340
Female	157	Telemetry		17-Aug-01	K.7	516.3	352270	4294330
Female	157	Telemetry		22-Aug-01	K.6	516.1	352260	4294310
Female	157	Telemetry		29-Aug-01	K.6	516.3	352260	4294330
Female	157	Telemetry		6-Sep-01	K.9	516.1	352290	4294310
Female	157	Telemetry		12-Sep-01	K.2	516.8	352220	4294380
Female	157	Telemetry		19-Sep-01	K.3	516.8	352230	4294380
Female	157	Telemetry		24-Sep-01	K.1	516.7	352210	4294370
Female	157	Telemetry		3-Oct-01	K.1	516.8	352210	4294380
Female	157	Telemetry		10-Oct-01	K.0	516.7	352200	4294370
Female	157	Telemetry		10-Oct-01	K.1	516.7	352210	4294370
Female	157	Telemetry		11-Oct-01	K.6	516.6	352260	4294360
Female	157	Telemetry		16-Oct-01	K.5	516.6	352250	4294360
Female	157	Telemetry		18-Oct-01	K.5	516.7	352250	4294370
Female	157	Random		20-Jun-02	K.0	515.8	352200	4294280
Female	157	Random		2-Oct-02	K.0	515.8	352200	4294280
Female	157	Random		14-May-03	K.6	516.0	352260	4294300
Female	159	Random	8	14-May-96	K.6	512.0	352260	4293900.0
Female	159	Random		15-Jun-98	K.0	507.0	352200	4293400.0
Female	159	Random		25-Jul-99	K.6	512.9	352260	4293990.0
Female	159	Random		13-Sep-99	K.7	513.3	352270	4294030.0
Female	159	Random		17-Aug-00	K.5	513.4	352250	4294040.0
Female	159	Random		14-Jun-02	J.5	506.5	352150	4293350.0
Female	159	Random		2-Jun-03	K.6	512.9	352260	4293990.0
Female	159	Random		17-Jul-03	K.6	512.6	352260	4293960.0
Female	195	Random	5	13-Jul-98	K.8	509.5	352280	4293650.0
Female	195	Random		30-Oct-98	L.2	507.7	352320	4293470.0
Female	195	Random		5-Aug-02	K.8	509.5	352280	4293650.0
Female	195	Random		2-Jun-04	K.9	508.0	352290	4293500.0

Female	195	Random		12-Jun-04	K.9	509.0	352290	4293600.0
Female	197	Random	5	14-Jul-98	M.8	514.3	352480	4294130.0
Female	197	Random		15-Jul-98	M.8	514.3	352480	4294130.0
Female	197	Random		16-Jul-98	M.8	514.3	352480	4294130.0
Female	197	Random		28-Aug-98	L.7	515.2	352370	4294220.0
Female	197	Random		25-May-00	K.8	515.3	352280	4294230.0
Female	203	Random	4	17-Jul-98	J.4	514.2	352140	4294120
Female	203	Random		3-Jun-00	J.5	513.5	352150	4294050
Female	203	Telemetry	29	1-May-01	J.2	514.6	352120	4294160
Female	203	Telemetry		2-May-01	J.8	513.7	352180	4294070
Female	203	Telemetry		3-May-01	J.9	513.5	352190	4294050
Female	203	Telemetry		5-May-01	J.8	513.6	352180	4294060
Female	203	Telemetry		7-May-01	J.8	513.6	352180	4294060
Female	203	Telemetry		8-May-01	J.9	513.6	352190	4294060
Female	203	Telemetry		9-May-01	J.9	513.7	352190	4294070
Female	203	Telemetry		15-May-01	J.9	513.6	352190	4294060
Female	203	Telemetry		17-May-01	J.8	513.7	352180	4294070
Female	203	Telemetry		22-May-01	J.9	513.7	352190	4294070
Female	203	Telemetry		24-May-01	J.8	513.7	352180	4294070
Female	203	Telemetry		30-May-01	J.8	513.6	352180	4294060
Female	203	Telemetry		31-May-01	J.8	513.6	352180	4294060
Female	203	Telemetry		3-Jun-01	J.8	513.6	352180	4294060
Female	203	Telemetry		4-Jun-01	J.8	513.6	352180	4294060
Female	203	Telemetry		8-Jun-01	L.0	514.7	352300	4294170
Female	203	Telemetry		11-Jun-01	L.1	514.7	352310	4294170
Female	203	Telemetry		18-Jun-01	J.8	513.7	352180	4294070
Female	203	Telemetry		20-Jun-01	J.8	513.7	352180	4294070
Female	203	Telemetry		22-Jun-01	I.3	513.7	352030	4294070
Female	203	Telemetry		26-Jun-01	I.3	513.7	352030	4294070
Female	203	Telemetry		29-Jun-01	I.2	513.7	352020	4294070
Female	203	Telemetry		3-Jul-01	I.3	513.7	352030	4294070
Female	203	Telemetry		5-Jul-01	I.2	513.7	352020	4294070
Female	203	Telemetry		9-Jul-01	I.2	513.7	352020	4294070
Female	203	Telemetry		10-Jul-01	I.2	513.7	352020	4294070
Female	203	Telemetry		12-Jul-01	F.8	512.4	351780	4293940
Female	203	Telemetry		15-Jul-01	H.8	512.7	351980	4293970
Female	203	Telemetry		17-Jul-01	J.9	514.0	352190	4294100
Female	203	Random		22-Aug-01	J.5	513.5	352150	4294050
Female	203	Random		6-Jun-03	I.9	514.0	352090	4294100
Female	221	Random	5	17-Sep-98	M.1	516.3	352410	4294330.0
Female	221	Random		3-Jun-00	K.3	515.7	352230	4294270.0
Female	221	Random		2-Jun-01	L.2	515.4	352320	4294240.0
Female	221	Random		17-Jul-01	M.4	515.4	352440	4294240.0
Female	221	Random		25-Jul-02	M.7	516.4	352470	4294340.0
Female	239	Random	5	21-May-99	K.4	512.6	352240	4293960.0
Female	239	Random		1-Jun-02	I.7	510.7	352070	4293770.0
Female	239	Random		22-Jul-02	J.8	511.4	352180	4293840.0
Female	239	Random		7-Jun-03	J.2	511.0	352120	4293800.0
Female	239	Random		9-Jun-03	K.3	512.0	352230	4293900.0
Female	248	Random	1	5-Jun-99	M.3	513.8	352430	4294080.0
Female	248	Telemetry	34	20-May-02	L.1	514.9	352310	4294190.0

Female	248	Telemetry		21-May-02	L.1	514.9	352310	4294190.0
Female	248	Telemetry		28-May-02	K.8	514.7	352280	4294170.0
Female	248	Telemetry		29-May-02	L.2	514.9	352320	4294190.0
Female	248	Telemetry		4-Jun-02	M.0	514.1	352400	4294110.0
Female	248	Telemetry		7-Jun-02	L.2	514.9	352320	4294190.0
Female	248	Telemetry		11-Jun-02	L.2	514.9	352320	4294190.0
Female	248	Telemetry		13-Jun-02	L.1	514.9	352310	4294190.0
Female	248	Telemetry		5-Jul-02	M.7	512.0	352470	4293900.0
Female	248	Telemetry		9-Jul-02	L.7	512.0	352370	4293900.0
Female	248	Telemetry		10-Jul-02	M.5	512.0	352450	4293900.0
Female	248	Telemetry		16-Jul-02	N.2	512.0	352520	4293900.0
Female	248	Telemetry		19-Jul-02	N.2	512.0	352520	4293900.0
Female	248	Telemetry		22-Jul-02	N.2	512.0	352520	4293900.0
Female	248	Telemetry		26-Jul-02	N.2	512.0	352520	4293900.0
Female	248	Telemetry		31-Jul-02	M.8	511.5	352480	4293850.0
Female	248	Telemetry		7-Aug-02	L.0	510.1	352300	4293710.0
Female	248	Telemetry		9-Aug-02	L.0	510.2	352300	4293720.0
Female	248	Telemetry		15-Aug-02	N.0	512.0	352500	4293900.0
Female	248	Telemetry		21-Aug-02	K.7	512.8	352270	4293980.0
Female	248	Telemetry		29-Aug-02	N.0	512.0	352500	4293900.0
Female	248	Telemetry		4-Sep-02	N.0	512.2	352500	4293920.0
Female	248	Telemetry		7-Sep-02	N.0	512.2	352500	4293920.0
Female	248	Telemetry		11-Sep-02	N.1	511.7	352510	4293870.0
Female	248	Telemetry		14-Sep-02	N.0	511.9	352500	4293890.0
Female	248	Telemetry		16-Sep-02	N.2	512.2	352520	4293920.0
Female	248	Telemetry		19-Sep-02	N.0	512.0	352500	4293900.0
Female	248	Telemetry		22-Sep-02	N.3	511.7	352530	4293870.0
Female	248	Telemetry		24-Sep-02	N.3	511.7	352530	4293870.0
Female	248	Telemetry		27-Sep-02	M.9	511.6	352490	4293860.0
Female	248	Telemetry		1-Oct-02	M.9	511.6	352490	4293860.0
Female	248	Telemetry		2-Oct-02	N.8	511.8	352580	4293880.0
Female	248	Telemetry		9-Oct-02	N.8	511.8	352580	4293880.0
Female	248	Telemetry		17-Oct-02	L.0	510.5	352300	4293750.0
Female	254	Random	7	29-Jun-99	K.0	512.1	352200	4293910.0
Female	254	Random		17-Jul-99	K.4	512.6	352240	4293960.0
Female	254	Random		9-Jul-01	K.2	511.6	352220	4293860.0
Female	254	Random		26-Jun-02	K.6	511.6	352260	4293860.0
Female	254	Random		10-Jul-02	K.4	512.6	352240	4293960.0
Female	254	Random		4-Aug-02	K.5	512.2	352250	4293920.0
Female	254	Random		29-Aug-02	K.3	512.1	352230	4293910.0
Female	259	Random	7	17-Jul-99	K.4	511.6	352240	4293860.0
Female	259	Random		23-May-00	J.9	511.3	352190	4293830.0
Female	259	Random		21-Sep-00	J.1	511.9	352110	4293890.0
Female	259	Random		2-Jul-02	K.7	511.4	352270	4293840.0
Female	259	Random		28-May-03	K.7	511.5	352270	4293850.0
Female	259	Random		23-Jun-03	K.0	511.5	352200	4293850.0
Female	259	Random		14-Oct-03	J.0	512.0	352100	4293900.0
Female	261	Random	4	20-Jul-99	I.9	511.8	352090	4293880.0
Female	261	Telemetry	56	15-Jun-00	J.1	514.7	352110	4294170.0

Female	261	Telemetry		17-Jun-00	J.1	514.7	352110	4294170.0
Female	261	Telemetry		19-Jun-00	L.0	515.2	352300	4294220.0
Female	261	Telemetry		23-Jun-00	L.2	514.9	352320	4294190.0
Female	261	Telemetry		28-Jun-00	L.2	514.9	352320	4294190.0
Female	261	Telemetry		3-Jul-00	L.0	515.2	352300	4294220.0
Female	261	Telemetry		7-Jul-00	J.0	512.5	352100	4293950.0
Female	261	Telemetry		12-Jul-00	H.8	512.0	351980	4293900.0
Female	261	Telemetry		13-Jul-00	H.8	512.0	351980	4293900.0
Female	261	Telemetry		19-Jul-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		24-Jul-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		25-Jul-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		27-Jul-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		1-Aug-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		8-Aug-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		15-Aug-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		23-Aug-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		28-Aug-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		22-Sep-00	H.0	512.5	351900	4293950.0
Female	261	Telemetry		12-Oct-00	H.8	512.3	351980	4293930.0
Female	261	Telemetry		26-Oct-00	H.3	511.4	351930	4293840.0
Female	261	Telemetry		2-May-02	H.6	511.3	351960	4293830.0
Female	261	Telemetry		3-May-02	H.6	510.4	351960	4293740.0
Female	261	Telemetry		4-May-02	H.6	510.4	351960	4293740.0
Female	261	Telemetry		6-May-02	H.6	510.4	351960	4293740.0
Female	261	Telemetry		9-May-02	H.6	511.3	351960	4293830.0
Female	261	Telemetry		13-May-02	H.2	511.5	351920	4293850.0
Female	261	Telemetry		16-May-02	H.8	512.3	351980	4293930.0
Female	261	Telemetry		20-May-02	G.7	512.5	351870	4293950.0
Female	261	Telemetry		22-May-02	G.7	512.5	351870	4293950.0
Female	261	Telemetry		28-May-02	H.8	512.4	351980	4293940.0
Female	261	Telemetry		4-Jun-02	H.8	512.4	351980	4293940.0
Female	261	Telemetry		14-Jun-02	H.8	512.2	351980	4293920.0
Female	261	Telemetry		16-Jun-02	J.8	513.7	352180	4294070.0
Female	261	Telemetry		18-Jun-02	L.2	515.1	352320	4294210.0
Female	261	Telemetry		21-Jun-02	L.4	515.3	352340	4294230.0
Female	261	Telemetry		25-Jun-02	L.4	515.3	352340	4294230.0
Female	261	Telemetry		28-Jun-02	I.9	512.9	352090	4293990.0
Female	261	Telemetry		3-Jul-02	H.9	512.5	351990	4293950.0
Female	261	Telemetry		11-Jul-02	G.3	512.4	351830	4293940.0
Female	261	Telemetry		14-Aug-02	H.3	512.6	351930	4293960.0
Female	261	Telemetry		15-Aug-02	H.6	512.6	351960	4293960.0
Female	261	Telemetry		20-Aug-02	H.3	512.6	351930	4293960.0
Female	261	Telemetry		29-Aug-02	H.7	512.6	351970	4293960.0
Female	261	Telemetry		3-Sep-02	H.7	512.6	351970	4293960.0
Female	261	Telemetry		11-Sep-02	H.2	513.5	351920	4294050.0
Female	261	Telemetry		13-Sep-02	H.2	511.8	351920	4293880.0
Female	261	Telemetry		16-Sep-02	I.0	511.8	352000	4293880.0
Female	261	Telemetry		19-Sep-02	H.9	511.4	351990	4293840.0
Female	261	Telemetry		22-Sep-02	H.9	511.4	351990	4293840.0

Female	261	Telemetry		24-Sep-02	H.9	511.4	351990	4293840.0
Female	261	Telemetry		26-Sep-02	H.6	510.4	351960	4293740.0
Female	261	Telemetry		26-Sep-02	H.8	511.0	351980	4293800.0
Female	261	Telemetry		27-Sep-02	I.0	511.4	352000	4293840.0
Female	261	Telemetry		28-Sep-02	I.3	510.8	352030	4293780.0
Female	261	Telemetry		2-Oct-02	I.2	510.4	352020	4293740.0
Female	261	Random		10-Oct-02	I.2	510.4	352020	4293740.0
Female	261	Random		8-May-03	H.6	510.4	351960	4293740.0
Female	261	Random		15-May-03	H.6	510.4	351960	4293740.0
Female	284	Random	8	23-May-00	I.8	510.8	352080	4293780.0
Female	284	Random		15-Jun-00	I.5	511.5	352050	4293850.0
Female	284	Random		22-Jun-00	I.5	511.5	352050	4293850.0
Female	284	Random		7-Jun-01	I.5	511.5	352050	4293850.0
Female	284	Random		14-Aug-01	I.5	511.5	352050	4293850.0
Female	284	Random		30-Aug-01	I.5	511.5	352050	4293850.0
Female	284	Random		2-May-02	H.3	510.8	351930	4293780.0
Female	284	Telemetry	44	3-May-02	I.0	510.7	352000	4293770.0
Female	284	Telemetry		4-May-02	H.3	510.8	351930	4293780.0
Female	284	Telemetry		6-May-02	H.9	511.0	351990	4293800.0
Female	284	Telemetry		9-May-02	I.8	511.3	352080	4293830.0
Female	284	Telemetry		13-May-02	I.3	511.1	352030	4293810.0
Female	284	Telemetry		16-May-02	H.3	510.8	351930	4293780.0
Female	284	Telemetry		22-May-02	I.1	510.6	352010	4293760.0
Female	284	Telemetry		23-May-02	H.3	510.8	351930	4293780.0
Female	284	Telemetry		28-May-02	I.1	510.7	352010	4293770.0
Female	284	Telemetry		5-Jun-02	I.3	510.9	352030	4293790.0
Female	284	Telemetry		12-Jun-02	L.7	507.4	352370	4293440.0
Female	284	Telemetry		26-Jun-02	I.9	511.8	352090	4293880.0
Female	284	Telemetry		3-Jul-02	H.9	512.5	351990	4293950.0
Female	284	Telemetry		11-Jul-02	I.4	510.9	352040	4293790.0
Female	284	Telemetry		16-Jul-02	I.5	511.5	352050	4293850.0
Female	284	Telemetry		19-Jul-02	I.5	511.5	352050	4293850.0
Female	284	Telemetry		22-Jul-02	H.9	510.3	351990	4293730.0
Female	284	Telemetry		24-Jul-02	I.3	510.2	352030	4293720.0
Female	284	Telemetry		25-Jul-02	I.1	510.6	352010	4293760.0
Female	284	Telemetry		26-Jul-02	I.4	510.7	352040	4293770.0
Female	284	Telemetry		30-Jul-02	H.4	510.6	351940	4293760.0
Female	284	Telemetry		31-Jul-02	J.1	510.8	352110	4293780.0
Female	284	Telemetry		7-Aug-02	I.5	510.5	352050	4293750.0
Female	284	Telemetry		15-Aug-02	I.8	510.4	352080	4293740.0
Female	284	Telemetry		21-Aug-02	I.7	511.6	352070	4293860.0
Female	284	Telemetry		29-Aug-02	I.7	510.3	352070	4293730.0
Female	284	Telemetry		4-Sep-02	J.2	510.0	352120	4293700.0
Female	284	Telemetry		5-Sep-02	J.2	510.1	352120	4293710.0
Female	284	Telemetry		7-Sep-02	J.1	510.2	352110	4293720.0
Female	284	Telemetry		8-Sep-02	K.2	511.3	352220	4293830.0
Female	284	Telemetry		10-Sep-02	I.6	510.5	352060	4293750.0
Female	284	Telemetry		11-Sep-02	J.1	510.2	352110	4293720.0
Female	284	Telemetry		14-Sep-02	I.8	510.5	352080	4293750.0
Female	284	Telemetry		16-Sep-02	I.2	510.6	352020	4293760.0

Female	284	Telemetry		19-Sep-02	H.3	510.8	351930	4293780.0
Female	284	Telemetry		19-Sep-02	I.0	511.3	352000	4293830.0
Female	284	Telemetry		22-Sep-02	I.4	509.5	352040	4293650.0
Female	284	Telemetry		24-Sep-02	I.4	509.5	352040	4293650.0
Female	284	Telemetry		27-Sep-02	I.4	509.5	352040	4293650.0
Female	284	Telemetry		28-Sep-02	I.7	510.5	352070	4293750.0
Female	284	Telemetry		2-Oct-02	J.0	511.0	352100	4293800.0
Female	284	Telemetry		9-Oct-02	I.8	511.7	352080	4293870.0
Female	284	Telemetry		17-Oct-02	I.8	511.8	352080	4293880.0
Female	284	Telemetry		8-May-03	H.3	510.8	351930	4293780.0
Female	284	Random		28-Jun-03	I.9	511.7	352090	4293870.0
Female	293	Telemetry	13	13-Jun-00	I.2	510.0	352020	4293700
Female	293	Telemetry		16-Jun-00	I.2	510.0	352020	4293700
Female	293	Telemetry		28-Jun-00	J.9	505.8	352190	4293280
Female	293	Telemetry		5-Jul-00	J.8	505.7	352180	4293270
Female	293	Telemetry		13-Jul-00	J.8	505.7	352180	4293270
Female	293	Telemetry		19-Jul-00	J.9	505.5	352190	4293250
Female	293	Telemetry		26-Jul-00	J.9	505.6	352190	4293260
Female	293	Telemetry		31-Jul-00	J.8	505.9	352180	4293290
Female	293	Telemetry		8-Aug-00	J.8	505.8	352180	4293280
Female	293	Telemetry		15-Aug-00	J.8	505.3	352180	4293230
Female	293	Telemetry		28-Aug-00	J.8	505.2	352180	4293220
Female	293	Telemetry		6-Sep-00	J.8	505.3	352180	4293230
Female	293	Telemetry		26-Oct-00	J.9	505.5	352190	4293250
Female	315	Random	7	11-Jul-00	I.9	511.7	352090	4293870.0
Female	315	Random		20-Jul-00	J.0	511.5	352100	4293850.0
Female	315	Random		8-Aug-00	J.3	511.4	352130	4293840.0
Female	315	Random		21-Sep-00	J.5	512.0	352150	4293900.0
Female	315	Random		7-Jun-03	J.9	511.2	352190	4293820.0
Female	315	Random		8-Oct-03	J.1	511.8	352110	4293880.0
Female	315	Random		14-Jun-04	K.0	515.8	352200	4294280.0
Female	319	Random	3	18-Jul-00	K.4	512.4	352240	4293940
Female	319	Random		4-Oct-02	K.6	513.3	352260	4294030
Female	319	Random		5-Sep-03	K.1	513.0	352210	4294000
Female	319	Telemetry	10	27-May-04	K.2	512.8	352220	4293980
Female	319	Telemetry		14-Jun-04	K.5	513.0	352250	4294000
Female	319	Telemetry		19-Jun-04	K.0	512.2	352200	4293920
Female	319	Telemetry		23-Jun-04	K.9	513.1	352290	4294010
Female	319	Telemetry		29-Jul-04	K.9	512.1	352290	4293910
Female	319	Telemetry		2-Jul-04	I.6	512.0	352060	4293900
Female	319	Telemetry		7-Jul-04	K.8	512.2	352280	4293920
Female	319	Telemetry		12-Jul-04	K.9	512.2	352290	4293920
Female	319	Telemetry		14-Jul-04	I.3	512.3	352030	4293930
Female	319	Telemetry		15-Jul-04	I.6	512.3	352060	4293930
Female	322	Random	2	15-Aug-00	J.6	515.0	352160	4294200
Female	322	Telemetry	42	15-May-01	J.6	514.6	352160	4294160
Female	322	Telemetry		16-May-01	J.6	514.6	352160	4294160
Female	322	Telemetry		17-May-01	L.2	514.8	352320	4294180
Female	322	Telemetry		22-May-01	K.8	515.1	352280	4294210
Female	322	Telemetry		23-May-01	K.8	515.1	352280	4294210
Female	322	Telemetry		24-May-01	K.8	515.1	352280	4294210

Female	322	Telemetry		25-May-01	K.8	515.1	352280	4294210
Female	322	Telemetry		29-May-01	K.8	515.1	352280	4294210
Female	322	Telemetry		30-May-01	K.9	515.6	352290	4294260
Female	322	Telemetry		1-Jun-01	K.8	515.2	352280	4294220
Female	322	Telemetry		3-Jun-01	K.8	515.2	352280	4294220
Female	322	Telemetry		4-Jun-01	K.8	515.2	352280	4294220
Female	322	Telemetry		5-Jun-01	K.8	515.1	352280	4294210
Female	322	Telemetry		7-Jun-01	L.6	515.8	352360	4294280
Female	322	Telemetry		8-Jun-01	L.0	515.8	352300	4294280
Female	322	Telemetry		11-Jun-01	L.0	515.8	352300	4294280
Female	322	Telemetry		18-Jun-01	I.2	513.0	352020	4294000
Female	322	Telemetry		22-Jun-01	I.2	513.0	352020	4294000
Female	322	Telemetry		26-Jun-01	I.2	513.0	352020	4294000
Female	322	Telemetry		29-Jun-01	I.2	513.0	352020	4294000
Female	322	Telemetry		3-Jul-01	I.2	513.0	352020	4294000
Female	322	Telemetry		5-Jul-01	I.2	513.0	352020	4294000
Female	322	Telemetry		9-Jul-01	I.2	513.0	352020	4294000
Female	322	Telemetry		10-Jul-01	I.2	513.0	352020	4294000
Female	322	Telemetry		12-Jul-01	H.9	512.5	351990	4293950
Female	322	Telemetry		15-Jul-01	I.2	513.0	352020	4294000
Female	322	Telemetry		17-Jul-01	I.3	512.5	352030	4293950
Female	322	Telemetry		27-Jul-01	H.7	512.5	351970	4293950
Female	322	Telemetry		1-Aug-01	I.5	514.3	352050	4294130
Female	322	Telemetry		6-Aug-01	J.6	514.7	352160	4294170
Female	322	Telemetry		9-Aug-01	J.7	513.7	352170	4294070
Female	322	Telemetry		13-Aug-01	J.7	513.7	352170	4294070
Female	322	Telemetry		17-Aug-01	K.2	514.8	352220	4294180
Female	322	Telemetry		22-Aug-01	J.6	514.0	352160	4294100
Female	322	Telemetry		29-Aug-01	K.0	513.9	352200	4294090
Female	322	Telemetry		5-Sep-01	I.7	513.3	352070	4294030
Female	322	Telemetry		12-Sep-01	I.7	513.1	352070	4294010
Female	322	Telemetry		19-Sep-01	J.3	514.1	352130	4294110
Female	322	Telemetry		24-Sep-01	I.4	514.0	352040	4294100
Female	322	Telemetry		3-Oct-01	I.7	514.0	352070	4294100
Female	322	Telemetry		16-Oct-01	J.8	514.0	352180	4294100
Female	322	Telemetry		18-Oct-01	J.8	514.0	352180	4294100
Female	322	Random		12-Aug-03	K.0	514.0	352200	4294100
Female	324	Random	9	7-Sep-00	K.3	515.7	352230	4294270.0
Female	324	Random		29-May-01	K.8	516.0	352280	4294300.0
Female	324	Random		29-May-01	K.2	516.6	352220	4294360.0
Female	324	Random		4-Jun-01	K.3	515.6	352230	4294260.0
Female	324	Random		13-Jun-01	K.3	515.6	352230	4294260.0
Female	324	Random		23-Jun-01	K.7	515.5	352270	4294250.0
Female	324	Random		16-Aug-01	M.5	515.3	352450	4294230.0
Female	324	Random		2-Sep-01	M.6	515.1	352460	4294210.0
Female	324	Random		17-Sep-01	M.3	513.3	352430	4294030.0
Female	335	Random	5	10-May-01	L.0	511.3	352300	4293830.0
Female	335	Random		8-Jun-01	K.2	511.6	352220	4293860.0
Female	335	Random		11-Jun-03	J.6	512.0	352160	4293900.0
Female	335	Random		19-Jun-03	K.0	511.8	352200	4293880.0
Female	335	Random		23-Jun-03	K.0	511.8	352200	4293880.0
Female	359	Random	5	11-Jul-01	I.2	509.3	352020	4293630.0

Female	359	Random		18-Jul-02	H.2	510.8	351920	4293780.0
Female	359	Random		8-Aug-02	I.5	510.3	352050	4293730.0
Female	359	Random		19-Sep-02	H.2	510.8	351920	4293780.0
Female	359	Random		21-Jul-03	I.0	509.9	352000	4293690.0
Female	370	Random	5	27-Jul-01	K.5	515.7	352250	4294270
Female	370	Random		29-Jul-01	K.5	515.7	352250	4294270
Female	370	Random		15-Apr-02	K.3	515.0	352230	4294200
Female	370	Random		31-Jul-02	K.2	515.3	352220	4294230
Female	370	Random		18-May-04	L.2	515.0	352320	4294200
Female	370	Telemetry	11	24-May-04	K.8	515.2	352280	4294220
Female	370	Telemetry		25-May-04	K.5	515.4	352250	4294240
Female	370	Telemetry		27-May-04	L.0	515.0	352300	4294200
Female	370	Telemetry		3-Jun-04	L.1	515.2	352310	4294220
Female	370	Telemetry		8-Jun-04	L.2	515.2	352320	4294220
Female	370	Telemetry		14-Jun-04	L.0	515.3	352300	4294230
Female	370	Telemetry		19-Jun-04	K.5	515.0	352250	4294200
Female	370	Telemetry		24-Jun-04	K.5	515.0	352250	4294200
Female	370	Telemetry		2-Jul-04	L.0	515.4	352300	4294240
Female	370	Telemetry		9-Jul-04	M.0	514.5	352400	4294150
Female	370	Telemetry		14-Jul-04	L.0	514.1	352300	4294110
Female	380	Telemetry	36	17-Jun-02	H.4	510.6	351940	4293760.0
Female	380	Telemetry		19-Jun-02	I.6	511.2	352060	4293820.0
Female	380	Random	13	20-Jun-02	H.2	511.1	351920	4293810.0
Female	380	Telemetry		25-Jun-02	I.5	511.1	352050	4293810.0
Female	380	Telemetry		26-Jun-02	I.6	510.6	352060	4293760.0
Female	380	Random		27-Jun-02	H.2	510.8	351920	4293780.0
Female	380	Telemetry		5-Jul-02	I.7	510.6	352070	4293760.0
Female	380	Telemetry		8-Jul-02	I.0	510.6	352000	4293760.0
Female	380	Telemetry		9-Jul-02	I.0	510.5	352000	4293750.0
Female	380	Telemetry		10-Jul-02	I.0	510.6	352000	4293760.0
Female	380	Telemetry		12-Jul-02	I.0	510.6	352000	4293760.0
Female	380	Random		18-Jul-02	H.2	511.1	351920	4293810.0
Female	380	Telemetry		22-Jul-02	I.6	510.5	352060	4293750.0
Female	380	Telemetry		24-Jul-02	I.2	510.5	352020	4293750.0
Female	380	Telemetry		25-Jul-02	I.3	510.7	352030	4293770.0
Female	380	Random		25-Jul-02	H.2	511.1	351920	4293810.0
Female	380	Telemetry		26-Jul-02	I.7	510.5	352070	4293750.0
Female	380	Telemetry		30-Jul-02	H.5	510.3	351950	4293730.0
Female	380	Telemetry		31-Jul-02	I.6	510.8	352060	4293780.0
Female	380	Telemetry		7-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		8-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		14-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		15-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		20-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		21-Aug-02	H.5	510.5	351950	4293750.0
Female	380	Telemetry		29-Aug-02	H.2	510.4	351920	4293740.0
Female	380	Telemetry		4-Sep-02	I.7	510.4	352070	4293740.0
Female	380	Telemetry		10-Sep-02	I.5	511.1	352050	4293810.0
Female	380	Telemetry		11-Sep-02	I.3	510.8	352030	4293780.0
Female	380	Telemetry		13-Sep-02	I.2	510.8	352020	4293780.0
Female	380	Telemetry		16-Sep-02	I.2	510.6	352020	4293760.0

Female	380	Telemetry		19-Sep-02	I.4	511.1	352040	4293810.0
Female	380	Telemetry		22-Sep-02	I.7	510.4	352070	4293740.0
Female	380	Telemetry		24-Sep-02	H.5	510.3	351950	4293730.0
Female	380	Telemetry		27-Sep-02	H.4	510.5	351940	4293750.0
Female	380	Telemetry		28-Sep-02	H.5	510.3	351950	4293730.0
Female	380	Telemetry		1-Oct-02	H.4	510.7	351940	4293770.0
Female	380	Telemetry		2-Oct-02	I.2	510.8	352020	4293780.0
Female	380	Telemetry		9-Oct-02	I.4	511.1	352040	4293810.0
Female	380	Telemetry		17-Oct-02	I.4	511.1	352040	4293810.0
Female	380	Random		19-Oct-02	H.2	511.1	351920	4293810.0
Female	380	Random		22-Mar-03	H.2	510.8	351920	4293780.0
Female	380	Random		1-May-03	I.4	511.4	352040	4293840.0
Female	380	Random		8-May-03	H.2	511.0	351920	4293800.0
Female	380	Random		22-May-03	H.2	511.1	351920	4293810.0
Female	380	Random		29-May-03	H.4	510.8	351940	4293780.0
Female	380	Random		12-Jun-03	H.3	511.3	351930	4293830.0
Female	380	Random		12-Jul-03	H.1	511.1	351910	4293810.0
Female	380	Random		16-Sep-03	I.3	510.0	352030	4293700.0
Female	383	Random	3	1-Jun-02	K.6	511.2	352260	4293820
Female	383	Random		30-May-03	K.2	511.2	352220	4293820
Female	383	Random		31-May-03	K.0	511.3	352200	4293830
Female	383	Telemetry	8	26-May-04	L.1	510.1	352310	4293710
Female	383	Telemetry		2-Jun-04	K.1	508.0	352210	4293500
Female	383	Telemetry		4-Jun-04	K.0	508.1	352200	4293510
Female	383	Telemetry		9-Jun-04	K.0	508.2	352200	4293520
Female	383	Telemetry		21-Jun-04	L.0	509.5	352300	4293650
Female	383	Telemetry		24-Jun-04	K.5	511.0	352250	4293800
Female	383	Telemetry		6-Jul-04	--	--	--	--
Female	383	Telemetry		13-Jul-04	J.8	511.5	352180	4293850
Female	391	Random	5	9-Jun-02	K.4	511.6	352241	4293861
Female	391	Random		20-Jun-02	K.4	511.5	352240	4293850
Female	391	Random		26-Jun-02	K.5	511.6	352249	4293859
Female	391	Random		5-Jul-02	K.5	511.5	352250	4293851
Female	391	Random		12-Jul-02	K.4	511.5	352239	4293850
Juvenile	91	Random	6	24-Aug-96	K.2	515.7	352220	4294270.0
Juvenile	91	Random		16-Jul-98	L.3	513.7	352330	4294070.0
Juvenile	91	Random		11-Oct-01	L.8	515.4	352380	4294240.0
Juvenile	91	Random		6-Jun-02	K.7	515.7	352270	4294270.0
Juvenile	91	Random		2-Jun-03	L.6	515.4	352360	4294240.0
Juvenile	91	Random		11-Jul-03	K.4	515.4	352240	4294240.0
Juvenile	350	Random	5	7-Jun-01	I.5	511.0	352050	4293800
Juvenile	350	Random		27-Sep-02	I.3	510.7	352030	4293770
Juvenile	350	Random		7-Jun-03	I.4	510.6	352040	4293760
Juvenile	350	Random		9-Jun-03	I.0	511.0	352000	4293800
Juvenile	350	Telemetry	31	9-Jun-03	I.0	511.0	352000	4293800
Juvenile	350	Telemetry		10-Jun-03	I.0	511.9	352000	4293890
Juvenile	350	Random		12-Jun-03	I.3	510.7	352030	4293770
Juvenile	350	Telemetry		12-Jun-03	I.3	510.7	352030	4293770
Juvenile	350	Telemetry		16-Jun-03	I.8	510.9	352080	4293790
Juvenile	350	Telemetry		19-Jun-03	I.6	510.4	352060	4293740
Juvenile	350	Telemetry		23-Jun-03	I.7	510.0	352070	4293700
Juvenile	350	Telemetry		26-Jun-03	J.2	510.1	352120	4293710

Juvenile	350	Telemetry		28-Jun-03	I.4	511.1	352040	4293810
Juvenile	350	Telemetry		1-Jul-03	I.9	510.2	352090	4293720
Juvenile	350	Telemetry		3-Jul-03	I.4	509.5	352040	4293650
Juvenile	350	Telemetry		10-Jul-03	I.6	510.4	352060	4293740
Juvenile	350	Telemetry		13-Jul-03	J.1	510.4	352110	4293740
Juvenile	350	Telemetry		15-Jul-03	I.6	510.4	352060	4293740
Juvenile	350	Telemetry		21-Jul-03	H.3	511.9	351930	4293890
Juvenile	350	Telemetry		29-Jul-03	I.5	509.9	352050	4293690
Juvenile	350	Telemetry		1-Aug-03	J.0	510.3	352100	4293730
Juvenile	350	Telemetry		12-Aug-03	I.2	510.3	352020	4293730
Juvenile	350	Telemetry		20-Aug-03	J.1	510.2	352110	4293720
Juvenile	350	Telemetry		28-Aug-03	I.5	510.0	352050	4293700
Juvenile	350	Telemetry		2-Sep-03	I.5	510.0	352050	4293700
Juvenile	350	Telemetry		9-Sep-03	I.5	510.0	352050	4293700
Juvenile	350	Telemetry		16-Sep-03	J.3	510.3	352130	4293730
Juvenile	350	Telemetry		22-Sep-03	I.4	509.5	352040	4293650
Juvenile	350	Telemetry		2-Oct-03	J.4	510.3	352140	4293730
Juvenile	350	Telemetry		8-Oct-03	J.0	510.6	352100	4293760
Juvenile	350	Telemetry		14-Oct-03	J.0	510.3	352100	4293730
Juvenile	350	Telemetry		15-Oct-03	J.2	510.1	352120	4293710
Juvenile	350	Telemetry		22-Oct-03	J.0	510.3	352100	4293730
Juvenile	350	Telemetry		8-Nov-03	I.0	511.0	352000	4293800
Juvenile	350	Telemetry		2-Dec-03	I.0	510.8	352000	4293780
Juvenile	350	Telemetry		12-Jan-04	I.3	510.7	352030	4293770
Juvenile	412	Telemetry	32	28-May-03	K.8	511.8	352280	4293880
Juvenile	412	Telemetry		30-May-03	K.9	511.8	352290	4293880
Juvenile	412	Telemetry		9-Jun-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		12-Jun-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		13-Jun-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		17-Jun-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		3-Jul-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		16-Jul-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		31-Jul-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		13-Aug-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		20-Aug-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		29-Aug-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		4-Sep-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		16-Sep-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		22-Sep-03	I.0	519.4	352000	4294640
Juvenile	412	Telemetry		6-Oct-03	K.3	518.7	352230	4294570
Juvenile	412	Telemetry		13-Oct-03	L.5	518.0	352350	4294500
Juvenile	412	Telemetry		20-Oct-03	L.8	518.0	352380	4294500
Juvenile	412	Telemetry		22-Oct-03	L.9	518.0	352390	4294500
Juvenile	412	Telemetry		5-Nov-03	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		3-Dec-03	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		10-Dec-03	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		12-Jan-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		18-Feb-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		22-Mar-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		30-Mar-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		7-Apr-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		15-Apr-04	M.9	518.4	352490	4294540

Juvenile	412	Telemetry		21-Apr-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		26-Apr-04	M.9	518.4	352490	4294540
Juvenile	412	Telemetry		29-Apr-04	M.8	519.5	352480	4294650
Juvenile	412	Telemetry		6-May-04	M.8	519.5	352480	4294650
Juvenile	412	Telemetry		13-May-04	N.2	519.3	352520	4294630
Juvenile	412	Telemetry		14-May-04	N.2	519.3	352520	4294630
Juvenile	437	Telemetry	11	2-Jun-04	J.0	513.5	352100	4294050
Juvenile	437	Telemetry		8-Jun-04	J.1	512.8	352110	4293980
Juvenile	437	Telemetry		10-Jun-04	I.9	513.2	352090	4294020
Juvenile	437	Telemetry		17-Jun-04	I.7	513.0	352070	4294000
Juvenile	437	Telemetry		19-Jun-04	J.0	513.0	352100	4294000
Juvenile	437	Telemetry		24-Jun-04	J.1	513.0	352110	4294000
Juvenile	437	Telemetry		29-Jun-04	J.2	513.3	352120	4294030
Juvenile	437	Telemetry		2-Jul-04	J.3	513.4	352130	4294040
Juvenile	437	Telemetry		7-Jul-04	J.5	513.0	352150	4294000
Juvenile	437	Telemetry		12-Jul-04	J.4	513.6	352140	4294060
Juvenile	437	Telemetry		14-Jul-04	J.2	513.4	352120	4294040
Male	1	Random	5	3-Jun-95	N.0	515.0	352500	4294200
Male	1	Random		4-Oct-95	A.8	515.5	351280	4294250
Male	1	Random		9-Sep-98	K.8	513.5	352280	4294050
Male	1	Random		16-Aug-00	L.8	515.4	352380	4294240
Male	1	Random		10-May-03	L.7	515.4	352370	4294240
Male	7	Random	10	24-Aug-96	J.7	511.7	352170	4293870
Male	7	Random		17-May-97	K.0	510.9	352200	4293790
Male	7	Random		18-Jul-00	J.7	511.4	352170	4293840
Male	7	Random		22-Sep-00	J.3	511.0	352130	4293800
Male	7	Random		4-Oct-00	K.0	511.0	352200	4293800
Male	7	Random		19-Jul-01	J.3	511.0	352130	4293800
Male	7	Random		2-Aug-01	J.3	511.3	352130	4293830
Male	7	Random		9-Aug-01	J.3	511.2	352130	4293820
Male	7	Random		23-Aug-01	J.3	511.1	352130	4293810
Male	7	Random		30-Aug-01	J.3	511.2	352130	4293820
Male	10	Random	6	1-Jun-96	I.5	513.5	352050	4294050
Male	10	Random		3-Jun-00	I.5	513.5	352050	4294050
Male	10	Random		19-Sep-01	I.4	513.4	352040	4294040
Male	10	Random		23-Jun-03	I.6	512.8	352060	4293980
Male	10	Random		8-Oct-03	I.7	513.0	352070	4294000
Male	10	Random		18-May-04	I.5	513.0	352050	4294000
Male	10	Telemetry	13	24-May-04	I.3	513.0	352030	4294000
Male	10	Telemetry		25-May-04	I.5	513.1	352050	4294010
Male	10	Telemetry		27-May-04	I.3	512.8	352030	4293980
Male	10	Telemetry		1-Jun-04	I.4	513.4	352040	4294040
Male	10	Telemetry		3-Jun-04	I.1	513.8	352010	4294080
Male	10	Telemetry		8-Jun-04	I.6	513.5	352060	4294050
Male	10	Telemetry		10-Jun-04	I.6	513.5	352060	4294050
Male	10	Telemetry		17-Jun-04	I.5	513.0	352050	4294000
Male	10	Telemetry		26-Jun-04	I.5	513.0	352050	4294000
Male	10	Telemetry		29-Jun-04	I.5	513.6	352050	4294060
Male	10	Telemetry		2-Jul-04	I.6	513.5	352060	4294050
Male	10	Telemetry		8-Jul-04	H.8	513.0	351980	4294000
Male	10	Telemetry		14-Jul-04	I.2	513.0	352020	4294000

Male	11	Random	5	6-Jun-98	L.0	513.0	352300	4294000
Male	11	Random		14-Oct-98	L.9	516.0	352390	4294300
Male	11	Random		4-May-99	K.5	515.5	352250	4294250
Male	11	Random		31-Jul-99	N.0	515.5	352500	4294250
Male	11	Random		11-Jul-00	K.6	513.4	352260	4294040
Male	29	Random	9	1-May-96	K.5	513.3	352250	4294030
Male	29	Random		17-May-96	I.7	513.2	352070	4294020
Male	29	Random		11-Jul-98	K.8	514.2	352280	4294120
Male	29	Random		22-Jul-98	K.8	514.2	352280	4294120
Male	29	Random		12-May-99	K.4	512.7	352240	4293970
Male	29	Random		8-Jun-02	M.4	512.2	352440	4293920
Male	29	Random		11-Sep-02	I.3	512.7	352030	4293970
Male	29	Random		3-Jun-03	J.3	514.0	352130	4294100
Male	29	Telemetry	26	4-Jun-03	J.3	514.1	352130	4294110
Male	29	Telemetry		9-Jun-03	J.5	512.5	352150	4293950
Male	29	Telemetry		12-Jun-03	I.8	513.2	352080	4294020
Male	29	Telemetry		18-Jun-03	J.0	513.2	352100	4294020
Male	29	Telemetry		23-Jun-03	I.5	513.0	352050	4294000
Male	29	Telemetry		26-Jun-03	K.2	512.8	352220	4293980
Male	29	Telemetry		28-Jun-03	I.5	512.5	352050	4293950
Male	29	Telemetry		1-Jul-03	I.5	512.5	352050	4293950
Male	29	Telemetry		3-Jul-03	I.0	512.4	352000	4293940
Male	29	Telemetry		9-Jul-03	H.8	511.9	351980	4293890
Male	29	Telemetry		11-Jul-03	I.3	512.4	352030	4293940
Male	29	Telemetry		13-Jul-03	I.5	512.8	352050	4293980
Male	29	Telemetry		15-Jul-03	I.5	512.9	352050	4293990
Male	29	Telemetry		21-Jul-03	I.5	512.1	352050	4293910
Male	29	Telemetry		30-Jul-03	I.5	513.0	352050	4294000
Male	29	Telemetry		1-Aug-03	I.6	512.8	352060	4293980
Male	29	Telemetry		5-Aug-03	I.6	513.7	352060	4294070
Male	29	Telemetry		13-Aug-03	I.7	513.8	352070	4294080
Male	29	Telemetry		20-Aug-03	I.7	513.8	352070	4294080
Male	29	Telemetry		2-Sep-03	I.6	512.8	352060	4293980
Male	29	Telemetry		9-Sep-03	I.6	512.9	352060	4293990
Male	29	Telemetry		16-Sep-03	I.8	513.8	352080	4294080
Male	29	Telemetry		2-Oct-03	I.5	513.0	352050	4294000
Male	29	Telemetry		8-Oct-03	I.6	513.0	352060	4294000
Male	29	Telemetry		14-Oct-03	J.2	513.0	352120	4294000
Male	29	Telemetry		22-Oct-03	I.9	513.0	352090	4294000
Male	29	Random		2-Jul-04	I.8	513.0	352080	4294000
Male	34	Random	6	9-Jul-97	J.3	515.4	352130	4294240
Male	34	Random		19-Jul-01	J.8	514.8	352180	4294180
Male	34	Random		11-Oct-01	J.4	515.7	352140	4294270
Male	34	Random		3-Oct-02	K.7	515.0	352270	4294200
Male	34	Random		8-Oct-02	L.0	515.5	352300	4294250
Male	34	Random		16-Oct-02	K.2	515.0	352220	4294200
Male	50	Random	5	22-May-97	I.0	509.8	352000	4293690
Male	50	Random		24-Jun-98	I.1	512.0	352010	4293900
Male	50	Random		27-Jun-00	I.0	509.7	352000	4293670
Male	50	Random		23-Oct-01	H.9	509.8	351990	4293680
Male	50	Random		25-Oct-01	I.0	509.9	352000	4293690
Male	61	Random	7	3-Jun-95	M.5	512.0	352450	4293900

Male	61	Random		3-Jun-98	K.8	514.6	352280	4294160
Male	61	Random		28-Aug-98	K.7	513.3	352270	4294030
Male	61	Random		8-Jul-99	M.0	514.8	352400	4294180
Male	61	Random		21-Jul-03	L.0	513.5	352300	4294050
Male	61	Random		3-Sep-03	K.3	514.4	352230	4294140
Male	61	Random		5-Jun-04	N.2	512.0	352520	4293900
Male	64	Random	4	6-Jun-98	M.6	512.0	352460	4293900
Male	64	Random		16-Aug-98	K.6	512.3	352260	4293930
Male	64	Random		19-Aug-99	L.7	512.3	352370	4293930
Male	64	Random		7-Jun-00	K.7	512.7	352270	4293970
Male	64	Telemetry	9	2-Jun-04	K.7	512.7	352270	4293970
Male	64	Telemetry		4-Jun-04	K.8	513.0	352280	4294000
Male	64	Telemetry		5-Jun-04	K.8	513.0	352280	4294000
Male	64	Telemetry		8-Jun-04	L.0	513.0	352300	4294000
Male	64	Telemetry		10-Jun-04	L.2	512.2	352320	4293920
Male	64	Telemetry		15-Jun-04	L.4	512.4	352340	4293940
Male	64	Telemetry		21-Jun-04	L.0	511.1	352300	4293810
Male	64	Telemetry		25-Jun-04	L.0	511.0	352300	4293800
Male	64	Telemetry		6-Jul-04	L.1	511.3	352310	4293830
Male	81	Random	7	4-Jun-95	I.5	508.7	352050	4293570
Male	81	Random		30-Jun-95	I.3	508.9	352030	4293590
Male	81	Random		4-May-96	I.5	508.6	352050	4293560
Male	81	Random		25-Jun-96	I.5	509.8	352050	4293680
Male	81	Random		8-Jul-98	I.8	509.4	352080	4293640
Male	81	Random		25-Feb-00	I.4	508.8	352040	4293580
Male	81	Random		7-Mar-00	I.4	508.8	352040	4293580
Male	85	Random	10	3-Jun-95	L.0	513.0	352300	4294000.0
Male	85	Random		1-Jun-96	K.2	512.5	352220	4293950.0
Male	85	Random		5-Jun-96	K.7	512.7	352270	4293970.0
Male	85	Random		4-Jun-97	K.8	512.4	352280	4293940.0
Male	85	Random		5-Jun-99	K.7	512.7	352270	4293970.0
Male	85	Random		10-May-00	K.7	512.7	352270	4293970.0
Male	85	Random		3-Jun-00	L.8	512.1	352380	4293910.0
Male	85	Random		22-Sep-00	K.8	512.9	352280	4293990.0
Male	85	Random		29-Jul-02	K.4	512.6	352240	4293960.0
Male	85	Random		29-Aug-02	K.7	513.3	352270	4294030.0
Male	97	Random	11	29-Jun-95	K.7	513.3	352270	4294030.0
Male	97	Random		6-May-96	K.4	515.6	352240	4294260.0
Male	97	Random		11-May-96	K.4	515.6	352240	4294260.0
Male	97	Random		5-Aug-99	K.3	514.5	352230	4294150.0
Male	97	Random		23-May-00	K.3	515.7	352230	4294270.0
Male	97	Random		24-May-00	K.3	515.7	352230	4294270.0
Male	97	Random		23-May-01	K.8	515.4	352280	4294240.0
Male	97	Random		29-May-01	K.7	515.5	352270	4294250.0
Male	97	Random		2-Jun-01	K.8	515.5	352280	4294250.0
Male	97	Random		20-Jun-01	K.4	515.0	352240	4294200.0
Male	97	Random		30-Jun-03	K.3	515.2	352230	4294220.0
Male	105	Random	7	13-Aug-96	K.6	512.0	352260	4293900.0
Male	105	Random		11-Aug-98	K.3	512.3	352230	4293930.0
Male	105	Random		12-May-99	K.7	512.7	352270	4293970.0
Male	105	Random		10-May-00	K.7	512.7	352270	4293970.0
Male	105	Random		3-Jun-00	K.0	512.3	352200	4293930.0

Male	105	Random		30-May-01	K.8	511.4	352280	4293840.0
Male	105	Random		4-Oct-02	K.8	515.6	352280	4294260.0
Male	106	Random	10	2-Aug-96	K.5	512.1	352250	4293910
Male	106	Random		23-Aug-96	K.2	513.0	352220	4294000
Male	106	Random		18-Jun-98	K.7	513.0	352270	4294000
Male	106	Random		25-Jul-99	K.7	512.9	352270	4293990
Male	106	Random		21-Jun-00	K.6	512.7	352260	4293970
Male	106	Random		18-Jul-00	K.7	513.0	352270	4294000
Male	106	Random		25-Aug-00	K.8	513.3	352280	4294030
Male	106	Random		6-Aug-02	K.7	512.9	352270	4293990
Male	106	Random		26-Sep-02	K.7	512.9	352270	4293990
Male	106	Random		30-Jun-03	K.6	513.2	352260	4294020
Male	109	Random	11	6-Aug-96	J.3	514.1	352130	4294110
Male	109	Random		27-May-98	J.8	516.6	352180	4294360
Male	109	Random		28-Jun-00	J.5	515.5	352150	4294250
Male	109	Random		29-Jun-01	J.6	515.2	352160	4294220
Male	109	Random		18-Sep-01	J.0	514.9	352100	4294190
Male	109	Random		4-Aug-02	J.9	515.0	352190	4294200
Male	109	Random		20-Aug-02	J.0	514.9	352100	4294190
Male	109	Random		8-Sep-02	I.6	514.6	352060	4294160
Male	109	Random		8-Oct-02	J.7	515.3	352170	4294230
Male	109	Random		17-Oct-02	I.9	514.8	352090	4294180
Male	109	Random		24-Oct-02	K.7	515.3	352270	4294230
Male	110	Random	8	2-Apr-98	L.8	512.1	352380	4293910.0
Male	110	Random		30-May-98	K.6	513.4	352260	4294040.0
Male	110	Random		6-Jun-98	M.6	511.9	352460	4293890.0
Male	110	Random		18-Sep-98	L.8	512.1	352380	4293910.0
Male	110	Random		1-Apr-99	M.6	511.9	352460	4293890.0
Male	110	Random		5-Jun-99	K.4	511.7	352240	4293870.0
Male	110	Random		28-Jun-00	K.7	512.7	352270	4293970.0
Male	110	Random		14-Jun-03	M.6	511.8	352460	4293880.0
Male	114	Random	5	5-Oct-97	K.0	516.8	352200	4294380.0
Male	114	Random		27-Oct-99	K.3	516.3	352230	4294330.0
Male	114	Random		29-Oct-99	K.3	516.3	352230	4294330.0
Male	114	Random		5-Nov-99	K.3	516.3	352230	4294330.0
Male	114	Random		2-May-00	K.3	515.9	352230	4294290.0
Male	115	Random	19	19-Jul-98	K.6	513.3	352260	4294030
Male	115	Random		11-May-99	K.7	512.6	352270	4293960
Male	115	Random		5-Jun-99	K.6	512.9	352260	4293990
Male	115	Random		10-Jul-99	K.6	513.0	352260	4294000
Male	115	Random		21-Jul-99	K.5	513.3	352250	4294030
Male	115	Random		23-Aug-99	K.6	513.3	352260	4294030
Male	115	Random		9-Jun-00	K.6	513.3	352260	4294030
Male	115	Random		16-Jun-00	K.4	513.3	352240	4294030
Male	115	Random		12-Jul-00	K.8	513.5	352280	4294050
Male	115	Random		19-Aug-00	K.6	513.3	352260	4294030
Male	115	Random		1-Jun-02	K.4	512.7	352240	4293970
Male	115	Random		23-Jul-02	K.5	512.7	352250	4293970
Male	115	Random		5-Sep-02	K.6	512.9	352260	4293990
Male	115	Random		7-Sep-02	K.6	513.3	352260	4294030
Male	115	Random		18-Sep-02	K.6	513.3	352260	4294030

Male	115	Random		17-Oct-02	K.6	512.9	352260	4293990
Male	115	Random		19-May-03	K.4	512.7	352240	4293970
Male	115	Telemetry	36	20-May-03	K.7	512.8	352270	4293980
Male	115	Telemetry		22-May-03	L.0	511.6	352300	4293860
Male	115	Telemetry		28-May-03	K.7	511.4	352270	4293840
Male	115	Telemetry		30-May-03	L.4	511.7	352340	4293870
Male	115	Telemetry		2-Jun-03	K.5	512.0	352250	4293900
Male	115	Telemetry		4-Jun-03	K.8	512.0	352280	4293900
Male	115	Telemetry		9-Jun-03	K.8	512.0	352280	4293900
Male	115	Telemetry		11-Jun-03	L.1	512.1	352310	4293910
Male	115	Telemetry		12-Jun-03	L.0	512.0	352300	4293900
Male	115	Telemetry		13-Jun-03	K.6	513.0	352260	4294000
Male	115	Telemetry		18-Jun-03	K.8	512.0	352280	4293900
Male	115	Telemetry		25-Jun-03	K.6	513.3	352260	4294030
Male	115	Telemetry		28-Jun-03	K.6	513.3	352260	4294030
Male	115	Telemetry		30-Jun-03	K.8	512.2	352280	4293920
Male	115	Telemetry		1-Jul-03	K.8	512.2	352280	4293920
Male	115	Telemetry		3-Jul-03	K.3	513.4	352230	4294040
Male	115	Telemetry		11-Jul-03	K.8	513.2	352280	4294020
Male	115	Telemetry		13-Jul-03	K.7	512.9	352270	4293990
Male	115	Telemetry		15-Jul-03	K.7	513.1	352270	4294010
Male	115	Telemetry		17-Jul-03	K.3	513.4	352230	4294040
Male	115	Telemetry		21-Jul-03	K.6	513.0	352260	4294000
Male	115	Telemetry		29-Jul-03	K.7	512.8	352270	4293980
Male	115	Telemetry		1-Aug-03	K.7	512.8	352270	4293980
Male	115	Telemetry		5-Aug-03	K.9	512.8	352290	4293980
Male	115	Telemetry		13-Aug-03	L.8	512.8	352380	4293980
Male	115	Telemetry		21-Aug-03	K.7	512.9	352270	4293990
Male	115	Telemetry		27-Aug-03	K.7	513.0	352270	4294000
Male	115	Telemetry		2-Sep-03	K.9	513.8	352290	4294080
Male	115	Telemetry		11-Sep-03	K.9	513.1	352290	4294010
Male	115	Telemetry		16-Sep-03	K.7	512.9	352270	4293990
Male	115	Telemetry		22-Sep-03	K.8	513.3	352280	4294030
Male	115	Telemetry		30-Sep-03	K.7	513.0	352270	4294000
Male	115	Telemetry		7-Oct-03	K.7	513.0	352270	4294000
Male	115	Telemetry		15-Oct-03	L.1	511.8	352310	4293880
Male	115	Telemetry		21-Oct-03	L.1	511.8	352310	4293880
Male	115	Telemetry		22-Oct-03	L.1	511.8	352310	4293880
Male	115	Random		21-May-04	L.0	513.0	352300	4294000
Male	115	Random		10-Jun-04	K.7	513.0	352270	4294000
Male	118	Random	8	30-Jun-95	I.2	512.0	352020	4293900.0
Male	118	Random		12-Sep-95	I.3	512.5	352030	4293950.0
Male	118	Random		5-Jul-96	J.0	511.8	352100	4293880.0
Male	118	Random		23-Jul-97	J.0	511.7	352100	4293870.0
Male	118	Random		1-Jul-01	G.0	512.3	351800	4293930.0
Male	118	Random		11-Oct-01	I.8	511.8	352080	4293880.0
Male	118	Random		13-Jul-03	I.9	511.9	352090	4293890.0
Male	118	Random		19-Jul-03	E.6	512.3	351660	4293930.0
Male	122	Random	12	2-Apr-98	N.1	512.1	352510	4293910.0
Male	122	Random		14-Apr-98	M.4	511.8	352440	4293880.0
Male	122	Random		23-Jun-98	L.0	513.3	352300	4294030.0

Male	122	Random		13-Jul-98	L.3	513.5	352330	4294050.0
Male	122	Random		16-Jul-98	M.4	514.5	352440	4294150.0
Male	122	Random		28-Aug-98	N.O	511.9	352500	4293890.0
Male	122	Random		4-Sep-98	M.6	511.8	352460	4293880.0
Male	122	Random		12-Oct-98	M.8	511.6	352480	4293860.0
Male	122	Random		25-Jul-99	M.6	511.9	352460	4293890.0
Male	122	Random		26-Jul-00	M.5	511.9	352450	4293890.0
Male	122	Random		1-Sep-01	M.6	511.9	352460	4293890.0
Male	122	Random		20-Sep-02	M.6	511.8	352460	4293880.0
Male	123	Random	6	7-Jun-97	I.5	509.8	352050	4293680.0
Male	123	Random		5-Jul-00	H.7	511.7	351970	4293870.0
Male	123	Random		18-Jul-00	I.7	510.8	352070	4293780.0
Male	123	Random		2-May-02	H.6	511.6	351960	4293860.0
Male	123	Random		28-Jul-03	I.5	511.5	352050	4293850.0
Male	123	Random		16-Sep-03	I.8	511.8	352080	4293880.0
Male	125	Random	19	7-Jun-97	J.8	512.3	352180	4293930
Male	125	Random		29-Jul-97	I.8	510.8	352080	4293780
Male	125	Random		16-Jul-98	J.6	510.0	352160	4293700
Male	125	Random		15-Jun-99	I.0	510.1	352000	4293710
Male	125	Random		20-Jul-99	I.8	510.8	352080	4293780
Male	125	Random		27-Jun-00	I.8	511.0	352080	4293800
Male	125	Random		4-Oct-00	I.9	509.1	352090	4293610
Male	125	Random		14-Jun-01	J.0	511.0	352100	4293800
Male	125	Random		19-Jun-01	J.1	511.0	352110	4293800
Male	125	Random		2-Aug-01	J.0	511.0	352100	4293800
Male	125	Random		15-May-02	J.1	511.0	352110	4293800
Male	125	Random		30-May-02	I.1	510.8	352010	4293780
Male	125	Random		19-Sep-02	I.1	510.8	352010	4293780
Male	125	Random		1-May-03	I.1	510.8	352010	4293780
Male	125	Random		15-May-03	I.2	510.8	352020	4293780
Male	125	Random		22-May-03	I.4	510.8	352040	4293780
Male	125	Random		29-May-03	I.4	510.7	352040	4293770
Male	125	Random		5-Jun-03	I.4	510.8	352040	4293780
Male	125	Random		15-Jul-03	I.4	510.8	352040	4293780
Male	125	Telemetry	41	2-May-03	H.8	511.0	351980	4293800
Male	125	Telemetry		6-May-03	I.4	510.6	352040	4293760
Male	125	Telemetry		9-May-03	I.2	510.8	352020	4293780
Male	125	Telemetry		12-May-03	I.5	511.0	352050	4293800
Male	125	Telemetry		15-May-03	I.3	510.7	352030	4293770
Male	125	Telemetry		16-May-03	I.4	510.9	352040	4293790
Male	125	Telemetry		19-May-03	I.4	510.9	352040	4293790
Male	125	Telemetry		20-May-03	I.4	510.9	352040	4293790
Male	125	Telemetry		22-May-03	I.6	511.1	352060	4293810
Male	125	Telemetry		28-May-03	I.4	510.6	352040	4293760
Male	125	Telemetry		29-May-03	I.4	510.8	352040	4293780
Male	125	Telemetry		30-May-03	J.9	510.8	352190	4293780
Male	125	Telemetry		2-Jun-03	I.2	510.9	352020	4293790
Male	125	Telemetry		4-Jun-03	I.2	510.8	352020	4293780
Male	125	Telemetry		5-Jun-03	I.4	510.6	352040	4293760

Male	125	Telemetry		9-Jun-03	I.1	510.8	352010	4293780
Male	125	Telemetry		11-Jun-03	J.9	510.8	352190	4293780
Male	125	Telemetry		16-Jun-03	I.2	510.3	352020	4293730
Male	125	Telemetry		19-Jun-03	J.0	510.4	352100	4293740
Male	125	Telemetry		23-Jun-03	I.0	510.8	352000	4293780
Male	125	Telemetry		26-Jun-03	I.2	510.2	352020	4293720
Male	125	Telemetry		28-Jun-03	H.8	510.3	351980	4293730
Male	125	Telemetry		1-Jul-03	J.0	510.3	352100	4293730
Male	125	Telemetry		3-Jul-03	J.1	510.9	352110	4293790
Male	125	Telemetry		10-Jul-03	J.0	510.0	352100	4293700
Male	125	Telemetry		13-Jul-03	J.0	510.7	352100	4293770
Male	125	Telemetry		15-Jul-03	I.4	510.7	352040	4293770
Male	125	Telemetry		21-Jul-03	I.5	510.8	352050	4293780
Male	125	Telemetry		31-Jul-03	I.3	510.8	352030	4293780
Male	125	Telemetry		12-Aug-03	I.1	510.8	352010	4293780
Male	125	Telemetry		19-Aug-03	I.3	510.6	352030	4293760
Male	125	Telemetry		28-Aug-03	H.7	510.0	351970	4293700
Male	125	Telemetry		29-Aug-03	H.3	510.0	351930	4293700
Male	125	Telemetry		2-Sep-03	I.1	510.4	352010	4293740
Male	125	Telemetry		9-Sep-03	I.3	510.3	352030	4293730
Male	125	Telemetry		16-Sep-03	I.1	510.1	352010	4293710
Male	125	Telemetry		30-Sep-03	H.8	511.0	351980	4293800
Male	125	Telemetry		7-Oct-03	J.0	510.9	352100	4293790
Male	125	Telemetry		15-Oct-03	I.8	510.3	352080	4293730
Male	125	Telemetry		21-Oct-03	I.5	509.8	352050	4293680
Male	125	Telemetry		22-Oct-03	I.5	510.0	352050	4293700
Male	129	Random	14	25-Sep-96	I.0	512.0	352000	4293900.0
Male	129	Random		3-Aug-97	I.2	512.2	352020	4293920.0
Male	129	Random		8-Jun-00	I.3	511.3	352030	4293830.0
Male	129	Random		15-Jun-00	I.4	511.7	352040	4293870.0
Male	129	Random		12-Jul-00	I.0	512.0	352000	4293900.0
Male	129	Random		10-Aug-00	I.2	511.3	352020	4293830.0
Male	129	Random		31-Aug-00	J.7	510.4	352170	4293740.0
Male	129	Random		18-Oct-00	I.2	512.2	352020	4293920.0
Male	129	Random		22-Oct-00	H.2	511.4	351920	4293840.0
Male	129	Random		24-Jul-01	H.9	511.8	351990	4293880.0
Male	129	Random		28-May-02	H.2	511.0	351920	4293800.0
Male	129	Random		15-May-03	H.3	511.3	351930	4293830.0
Male	129	Random		5-Jun-03	H.4	510.8	351940	4293780.0
Male	129	Random		22-Sep-03	J.0	509.5	352100	4293650.0
Male	135	Random	5	24-Oct-96	L.8	515.4	352380	4294240.0
Male	135	Random		31-Oct-96	L.8	515.4	352380	4294240.0
Male	135	Random		2-May-98	K.5	513.0	352250	4294000.0
Male	135	Random		29-May-01	K.7	515.6	352270	4294260.0
Male	135	Random		18-May-04	L.3	515.4	352330	4294240.0
Male	144	Random	9	14-Jul-95	K.4	514.2	352240	4294120.0
Male	144	Random		6-Aug-96	J.4	514.3	352140	4294130.0
Male	144	Random		16-Sep-99	K.4	514.0	352240	4294100.0
Male	144	Random		25-May-00	J.0	514.7	352100	4294170.0
Male	144	Random		27-May-00	J.5	515.4	352150	4294240.0
Male	144	Random		10-Jul-00	K.0	514.0	352200	4294100.0

Male	144	Random		30-May-01	K.0	514.0	352200	4294100.0
Male	144	Random		27-Jul-01	J.7	513.5	352170	4294050.0
Male	144	Random		22-Aug-01	J.6	513.5	352160	4294050.0
Male	170	Random	7	1-Jun-96	I.0	509.9	352000	4293690.0
Male	170	Random		10-Aug-96	H.9	509.8	351990	4293680.0
Male	170	Random		23-Jul-98	J.0	510.4	352100	4293740.0
Male	170	Random		18-Aug-98	H.7	510.3	351970	4293730.0
Male	170	Random		23-May-00	I.1	510.3	352010	4293730.0
Male	170	Random		25-Jul-00	H.4	509.9	351940	4293690
Male	170	Random		15-Jul-01	I.3	509.8	352030	4293680.0
Male	173	Random	5	30-May-96	K.4	512.4	352240	4293940.0
Male	173	Random		9-Jul-96	K.5	512.7	352250	4293970.0
Male	173	Random		24-Jun-97	K.7	512.7	352270	4293970.0
Male	173	Random		1-Jul-97	K.2	512.3	352220	4293930.0
Male	173	Random		2-Apr-98	L.8	512.1	352380	4293910.0
Male	186	Random	21	26-Jun-98	J.0	512.3	352100	4293930
Male	186	Random		15-Jun-99	I.8	511.9	352080	4293890
Male	186	Random		22-Aug-99	J.0	512.3	352100	4293930
Male	186	Random		24-May-00	I.5	512.3	352050	4293930
Male	186	Random		8-Jun-00	I.9	511.8	352090	4293880
Male	186	Random		15-Jun-00	J.2	511.7	352120	4293870
Male	186	Random		20-Jul-00	I.7	512.0	352070	4293900
Male	186	Random		25-Jul-00	I.7	511.9	352070	4293890
Male	186	Random		1-Aug-00	I.5	511.5	352050	4293850
Male	186	Random		10-Aug-00	J.0	512.3	352100	4293930
Male	186	Random		22-Sep-00	J.3	511.9	352130	4293890
Male	186	Random		23-Sep-00	J.2	511.8	352120	4293880
Male	186	Random		14-Jun-01	I.7	511.7	352070	4293870
Male	186	Random		19-Jun-01	J.0	511.9	352100	4293890
Male	186	Random		28-Jun-01	J.0	511.8	352100	4293880
Male	186	Random		17-Jul-01	I.9	511.7	352090	4293870
Male	186	Random		2-Aug-01	J.4	511.1	352140	4293810
Male	186	Random		11-Oct-01	J.2	511.9	352120	4293890
Male	186	Random		11-Jun-02	I.8	511.9	352080	4293890
Male	186	Random		20-May-03	J.4	512.0	352140	4293900
Male	186	Telemetry	45	21-May-03	J.4	512.0	352140	4293900
Male	186	Telemetry		23-May-03	J.1	512.1	352110	4293910
Male	186	Telemetry		28-May-03	J.2	512.0	352120	4293900
Male	186	Telemetry		30-May-03	J.4	512.0	352140	4293900
Male	186	Telemetry		2-Jun-03	J.3	512.0	352130	4293900
Male	186	Telemetry		4-Jun-03	J.0	512.0	352100	4293900
Male	186	Telemetry		9-Jun-03	J.4	511.4	352140	4293840
Male	186	Telemetry		12-Jun-03	I.5	512.0	352050	4293900
Male	186	Telemetry		16-Jun-03	I.7	511.7	352070	4293870
Male	186	Telemetry		19-Jun-03	J.0	512.1	352100	4293910
Male	186	Telemetry		23-Jun-03	I.5	512.0	352050	4293900
Male	186	Telemetry		26-Jun-03	I.9	512.0	352090	4293900
Male	186	Telemetry		28-Jun-03	I.9	512.0	352090	4293900
Male	186	Telemetry		1-Jul-03	J.3	512.0	352130	4293900
Male	186	Telemetry		3-Jul-03	J.0	511.6	352100	4293860
Male	186	Telemetry		9-Jul-03	J.0	511.9	352100	4293890
Male	186	Telemetry		11-Jul-03	J.5	512.0	352150	4293900

Male	186	Telemetry		13-Jul-03	I.9	511.9	352090	4293890
Male	186	Telemetry		15-Jul-03	J.3	512.0	352130	4293900
Male	186	Telemetry		17-Jul-03	J.4	511.4	352140	4293840
Male	186	Telemetry		21-Jul-03	I.9	512.0	352090	4293900
Male	186	Telemetry		30-Jul-03	J.0	511.6	352100	4293860
Male	186	Telemetry		1-Aug-03	J.1	512.0	352110	4293900
Male	186	Telemetry		12-Aug-03	I.7	511.7	352070	4293870
Male	186	Telemetry		19-Aug-03	I.4	512.0	352040	4293900
Male	186	Telemetry		20-Aug-03	I.8	512.0	352080	4293900
Male	186	Telemetry		28-Aug-03	J.0	511.6	352100	4293860
Male	186	Telemetry		5-Sep-03	J.2	512.0	352120	4293900
Male	186	Telemetry		11-Sep-03	J.0	511.7	352100	4293870
Male	186	Telemetry		16-Sep-03	J.0	511.5	352100	4293850
Male	186	Telemetry		30-Sep-03	I.9	511.7	352090	4293870
Male	186	Telemetry		1-Oct-03	I.9	511.7	352090	4293870
Male	186	Telemetry		4-Oct-03	I.9	512.2	352090	4293920
Male	186	Telemetry		7-Oct-03	I.7	511.6	352070	4293860
Male	186	Telemetry		15-Oct-03	I.9	512.2	352090	4293920
Male	186	Telemetry		21-Oct-03	I.9	512.2	352090	4293920
Male	186	Telemetry		22-Oct-03	I.8	512.2	352080	4293920
Male	186	Telemetry		8-Nov-03	J.1	512.0	352110	4293900
Male	186	Telemetry		2-Dec-03	J.1	512.0	352110	4293900
Male	186	Telemetry		12-Jan-04	J.1	512.0	352110	4293900
Male	186	Telemetry		18-Feb-04	J.1	512.0	352110	4293900
Male	186	Telemetry		22-Mar-04	J.1	512.0	352110	4293900
Male	186	Telemetry		30-Mar-04	J.1	512.0	352110	4293900
Male	186	Telemetry		7-Apr-04	J.1	512.0	352110	4293900
Male	186	Telemetry		26-Apr-04	I.2	512.2	352020	4293920
Male	186	Random		14-May-04	I.9	512.0	352090	4293900
Male	187	Random	9	1-Jul-98	J.0	509.8	352100	4293680.0
Male	187	Random		30-Oct-98	J.4	510.3	352140	4293730.0
Male	187	Random		15-Jun-99	I.6	510.1	352060	4293710.0
Male	187	Random		10-Aug-00	I.7	510.3	352070	4293730.0
Male	187	Random		12-Jul-01	J.4	510.0	352140	4293700.0
Male	187	Random		16-Jul-02	J.0	509.0	352100	4293600.0
Male	187	Random		10-Jul-03	J.1	509.9	352110	4293690.0
Male	187	Random		22-Jul-03	I.7	510.3	352070	4293730.0
Male	187	Random		16-Sep-03	I.3	508.6	352030	4293560.0
Male	193	Random	9	9-Jul-98	K.7	513.3	352270	4294030.0
Male	193	Random		30-Oct-98	K.5	514.5	352250	4294150.0
Male	193	Random		4-May-99	K.4	515.4	352240	4294240.0
Male	193	Random		10-May-99	K.6	514.5	352260	4294150.0
Male	193	Random		11-May-99	K.6	514.5	352260	4294150.0
Male	193	Random		25-May-01	L.2	515.5	352320	4294250.0
Male	193	Random		11-Jun-01	L.2	515.5	352320	4294250.0
Male	193	Random		29-May-02	L.1	514.9	352310	4294190.0
Male	193	Random		25-Jun-02	K.9	515.7	352290	4294270.0
Male	207	Random	12	23-Jul-98	J.1	512.8	352110	4293980.0
Male	207	Random		22-Jun-99	I.2	512.3	352020	4293930.0
Male	207	Random		22-Aug-99	I.2	512.3	352020	4293930.0
Male	207	Random		9-Jul-00	J.2	514.5	352120	4294150.0
Male	207	Random		4-Aug-01	I.6	512.7	352060	4293970.0

Male	207	Random		7-May-02	J.6	513.6	352160	4294060.0
Male	207	Random		25-May-02	J.7	513.4	352170	4294040.0
Male	207	Random		24-Jun-02	J.2	514.6	352120	4294160.0
Male	207	Random		8-Sep-02	J.6	513.6	352160	4294060.0
Male	207	Random		17-Sep-02	I.6	512.7	352060	4293970.0
Male	207	Random		25-Jun-03	J.2	514.6	352120	4294160.0
Male	207	Random		15-Jul-03	J.5	513.7	352150	4294070.0
Male	222	Random	12	11-May-99	K.4	515.4	352240	4294240.0
Male	222	Random		25-May-00	J.2	514.7	352120	4294170.0
Male	222	Random		31-May-00	J.1	514.9	352110	4294190.0
Male	222	Random		9-Jun-00	J.4	515.7	352140	4294270.0
Male	222	Random		23-Jul-00	K.1	515.4	352210	4294240.0
Male	222	Random		22-May-01	J.8	514.6	352180	4294160.0
Male	222	Random		2-Jun-01	K.3	515.4	352230	4294240.0
Male	222	Random		1-Jul-01	K.2	515.0	352220	4294200.0
Male	222	Random		9-Jul-01	J.4	514.4	352140	4294140.0
Male	222	Random		16-Jul-01	K.1	514.2	352210	4294120.0
Male	222	Random		17-Jul-01	J.7	514.5	352170	4294150.0
Male	222	Random		30-Jun-02	I.8	514.8	352080	4294180.0
Male	235	Random	10	26-May-99	J.0	512.0	352100	4293900
Male	235	Random		22-Aug-99	K.6	512.9	352260	4293990
Male	235	Random		8-Jun-00	I.7	511.7	352070	4293870
Male	235	Random		15-Jun-00	I.6	511.8	352060	4293880
Male	235	Random		11-Jun-02	I.8	511.9	352080	4293890
Male	235	Random		9-Jun-03	J.3	511.7	352130	4293870
Male	235	Random		16-Jun-03	J.7	511.7	352170	4293870
Male	235	Random		19-Jun-03	I.4	511.4	352040	4293840
Male	235	Random		3-Jul-03	I.6	511.6	352060	4293860
Male	235	Random		11-Jul-03	J.5	512.0	352150	4293900
Male	235	Telemetry	11	3-Jun-04	K.0	511.8	352200	4293880
Male	235	Telemetry		8-Jun-04	K.0	511.8	352200	4293880
Male	235	Telemetry		10-Jun-04	K.0	511.9	352200	4293890
Male	235	Telemetry		14-Jun-04	K.3	512.0	352230	4293900
Male	235	Telemetry		19-Jun-04	J.7	511.7	352170	4293870
Male	235	Telemetry		23-Jun-04	L.0	513.1	352300	4294010
Male	235	Telemetry		2-Jul-04	J.8	512.0	352180	4293900
Male	235	Telemetry		7-Jul-04	J.5	513.0	352150	4294000
Male	235	Telemetry		13-Jul-04	J.5	511.5	352150	4293850
Male	235	Telemetry		14-Jul-04	K.0	511.6	352200	4293860
Male	235	Telemetry		15-Jul-04	K.0	511.8	352200	4293880
Male	251	Random	4	1-Jul-99	K.5	511.7	352250	4293870
Male	251	Random		25-Jun-00	J.8	511.4	352180	4293840
Male	251	Random		5-Sep-01	J.8	511.4	352180	4293840
Male	251	Random		14-May-03	K.6	512.4	352260	4293940
Male	251	Telemetry	38	15-May-03	K.6	512.4	352260	4293940
Male	251	Telemetry		16-May-03	J.9	512.1	352190	4293910
Male	251	Telemetry		19-May-03	J.9	512.1	352190	4293910
Male	251	Telemetry		20-May-03	K.0	512.0	352200	4293900
Male	251	Telemetry		21-May-03	K.0	512.0	352200	4293900
Male	251	Telemetry		22-May-03	J.8	512.0	352180	4293900
Male	251	Telemetry		28-May-03	K.0	511.3	352200	4293830
Male	251	Telemetry		30-May-03	K.3	511.3	352230	4293830

Male	251	Telemetry		31-May-03	J.8	511.2	352180	4293820
Male	251	Telemetry		2-Jun-03	K.0	511.1	352200	4293810
Male	251	Telemetry		9-Jun-03	K.0	511.1	352200	4293810
Male	251	Telemetry		11-Jun-03	K.0	511.0	352200	4293800
Male	251	Telemetry		12-Jun-03	K.0	511.5	352200	4293850
Male	251	Telemetry		16-Jun-03	J.9	511.8	352190	4293880
Male	251	Telemetry		19-Jun-03	J.8	511.8	352180	4293880
Male	251	Telemetry		23-Jun-03	K.0	511.6	352200	4293860
Male	251	Telemetry		25-Jun-03	K.0	511.3	352200	4293830
Male	251	Telemetry		28-Jun-03	K.0	511.5	352200	4293850
Male	251	Telemetry		1-Jul-03	K.0	511.6	352200	4293860
Male	251	Telemetry		1-Jul-03	K.0	511.5	352200	4293850
Male	251	Telemetry		3-Jul-03	K.0	511.3	352200	4293830
Male	251	Telemetry		11-Jul-03	K.0	511.5	352200	4293850
Male	251	Telemetry		13-Jul-03	J.6	511.6	352160	4293860
Male	251	Telemetry		15-Jul-03	K.0	511.3	352200	4293830
Male	251	Telemetry		21-Jul-03	K.0	511.2	352200	4293820
Male	251	Telemetry		1-Aug-03	K.3	512.2	352230	4293920
Male	251	Telemetry		12-Aug-03	K.0	511.2	352200	4293820
Male	251	Telemetry		20-Aug-03	J.7	511.0	352170	4293800
Male	251	Telemetry		27-Aug-03	K.3	511.4	352230	4293840
Male	251	Telemetry		28-Aug-03	J.6	511.0	352160	4293800
Male	251	Telemetry		5-Sep-03	K.2	511.8	352220	4293880
Male	251	Telemetry		11-Sep-03	J.8	512.0	352180	4293900
Male	251	Telemetry		16-Sep-03	J.9	512.1	352190	4293910
Male	251	Telemetry		24-Sep-03	J.9	511.8	352190	4293880
Male	251	Telemetry		2-Oct-03	J.8	511.8	352180	4293880
Male	251	Telemetry		8-Oct-03	K.0	511.6	352200	4293860
Male	251	Telemetry		14-Oct-03	K.0	511.6	352200	4293860
Male	251	Telemetry		22-Oct-03	J.9	512.1	352190	4293910
Male	253	Random	10	25-Jun-99	M.0	515.6	352400	4294260
Male	253	Random		4-Sep-99	J.2	512.2	352120	4293920
Male	253	Random		25-Jul-00	L.8	515.4	352380	4294240
Male	253	Random		17-Aug-00	K.7	512.9	352270	4293990
Male	253	Random		24-Aug-00	K.6	513.4	352260	4294040
Male	253	Random		31-Aug-00	K.1	512.5	352210	4293950
Male	253	Random		1-Sep-00	K.7	513.0	352270	4294000
Male	253	Random		11-Sep-00	K.6	513.3	352260	4294030
Male	253	Random		26-Sep-00	K.7	513.0	352270	4294000
Male	253	Random		28-Sep-00	K.1	512.5	352210	4293950
Male	260	Random	7	19-Jul-99	H.5	510.7	351950	4293770.0
Male	260	Random		20-Jul-00	H.1	511.2	351910	4293820.0
Male	260	Random		24-Jul-01	H.3	511.5	351930	4293850.0
Male	260	Random		2-May-02	H.4	510.7	351940	4293770.0
Male	260	Random		8-May-03	H.2	511.0	351920	4293800.0
Male	260	Random		19-Jun-03	H.5	510.5	351950	4293750.0
Male	260	Random		23-Jun-03	I.0	509.9	352000	4293690.0
Male	266	Random	1	31-Jul-99	M.8	515.8	352480	4294280
Male	266	Telemetry	9	3-Jun-04	N.5	515.0	352550	4294200
Male	266	Telemetry		9-Jun-04	N.0	515.2	352500	4294220
Male	266	Telemetry		14-Jun-04	M.0	514.7	352400	4294170
Male	266	Telemetry		19-Jun-04	K.0	512.2	352200	4293920

Male	266	Telemetry		23-Jun-04	N.7	515.7	352570	4294270
Male	266	Telemetry		2-Jul-04	M.9	514.8	352490	4294180
Male	266	Telemetry		13-Jul-04	N.1	515.3	352510	4294230
Male	266	Telemetry		14-Jul-04	M.6	514.7	352460	4294170
Male	266	Telemetry		15-Jul-04	M.6	514.7	352460	4294170
Male	270	Random	8	22-Aug-99	J.8	514.7	352180	4294170.0
Male	270	Random		6-Oct-99	J.2	514.5	352120	4294150.0
Male	270	Random		13-Oct-99	I.8	514.7	352080	4294170.0
Male	270	Random		19-Oct-99	I.8	514.7	352080	4294170.0
Male	270	Random		21-Oct-99	J.2	514.5	352120	4294150.0
Male	270	Random		3-Nov-99	I.8	514.7	352080	4294170.0
Male	270	Random		4-Nov-99	I.8	514.7	352080	4294170.0
Male	270	Random		5-Nov-99	I.8	514.7	352080	4294170.0
Male	290	Random	12	8-Jun-00	J.0	511.0	352100	4293800
Male	290	Random		6-Jul-00	I.8	511.0	352080	4293800
Male	290	Random		23-Sep-00	J.3	510.9	352130	4293790
Male	290	Random		28-Jun-01	I.6	510.7	352060	4293770
Male	290	Random		6-Sep-01	J.0	511.0	352100	4293800
Male	290	Random		20-Sep-01	I.7	510.9	352070	4293790
Male	290	Random		27-Sep-01	J.0	510.9	352100	4293790
Male	290	Random		21-Jun-02	H.2	511.0	351920	4293800
Male	290	Random		27-Sep-02	H.9	510.2	351990	4293720
Male	290	Random		2-Oct-02	J.0	511.0	352100	4293800
Male	290	Random		26-Jun-03	H.2	511.0	351920	4293800
Male	290	Random		13-Jul-03	I.8	510.8	352080	4293780
Male	292	Random	7	13-Jun-00	I.8	510.5	352080	4293750.0
Male	292	Random		10-May-01	J.4	511.6	352140	4293860.0
Male	292	Random		17-Jul-01	J.3	511.5	352130	4293850.0
Male	292	Random		9-Aug-01	I.9	511.4	352090	4293840.0
Male	292	Random		12-Jun-02	J.0	511.7	352100	4293870.0
Male	292	Random		11-Jun-03	J.0	511.5	352100	4293850.0
Male	292	Random		1-Aug-03	I.9	512.0	352090	4293900.0
Male	294	Random	5	13-Jun-00	N.3	513.8	352530	4294080.0
Male	294	Random		27-Jun-00	N.3	513.9	352530	4294090.0
Male	294	Random		6-Jul-00	N.4	513.7	352540	4294070.0
Male	294	Random		12-Jul-01	N.3	513.8	352530	4294080.0
Male	294	Random		1-Jun-02	N.6	512.6	352560	4293960.0
Male	297	Random	16	27-Jun-00	J.0	511.8	352100	4293880
Male	297	Random		6-Jul-00	J.3	511.2	352130	4293820
Male	297	Random		18-Jul-00	J.3	511.3	352130	4293830
Male	297	Random		27-Sep-00	J.3	511.2	352130	4293820
Male	297	Random		5-May-01	J.0	511.8	352100	4293880
Male	297	Random		25-May-01	J.0	511.8	352100	4293880
Male	297	Random		7-Jun-01	J.1	511.6	352110	4293860
Male	297	Random		14-Jun-01	I.7	511.8	352070	4293880
Male	297	Random		19-Jun-01	J.4	511.2	352140	4293820
Male	297	Random		21-Jun-01	J.2	511.9	352120	4293890
Male	297	Random		28-Jun-01	I.9	511.7	352090	4293870
Male	297	Random		9-Aug-01	J.1	511.8	352110	4293880
Male	297	Random		14-Aug-01	J.0	511.0	352100	4293800
Male	297	Random		11-Oct-01	J.0	511.8	352100	4293880

Male	297	Random		23-May-02	J.0	511.6	352100	4293860
Male	297	Random		1-May-03	J.0	511.0	352100	4293800
Male	297	Telemetry	43	2-May-03	J.0	511.0	352100	4293800
Male	297	Telemetry		6-May-03	I.4	511.8	352040	4293880
Male	297	Telemetry		7-May-03	I.4	511.8	352040	4293880
Male	297	Telemetry		9-May-03	H.8	511.8	351980	4293880
Male	297	Telemetry		12-May-03	J.0	511.5	352100	4293850
Male	297	Telemetry		16-May-03	I.6	511.9	352060	4293890
Male	297	Telemetry		19-May-03	I.6	511.9	352060	4293890
Male	297	Telemetry		20-May-03	I.6	511.9	352060	4293890
Male	297	Telemetry		23-May-03	J.0	511.3	352100	4293830
Male	297	Telemetry		28-May-03	I.4	511.8	352040	4293880
Male	297	Telemetry		30-May-03	J.0	511.5	352100	4293850
Male	297	Telemetry		31-May-03	J.0	511.5	352100	4293850
Male	297	Telemetry		2-Jun-03	J.0	511.5	352100	4293850
Male	297	Telemetry		4-Jun-03	J.0	511.5	352100	4293850
Male	297	Telemetry		9-Jun-03	J.5	511.4	352150	4293840
Male	297	Telemetry		11-Jun-03	I.9	511.5	352090	4293850
Male	297	Telemetry		13-Jun-03	I.9	511.6	352090	4293860
Male	297	Telemetry		16-Jun-03	J.0	511.5	352100	4293850
Male	297	Telemetry		19-Jun-03	I.7	511.7	352070	4293870
Male	297	Telemetry		23-Jun-03	J.3	511.4	352130	4293840
Male	297	Telemetry		27-Jun-03	J.1	511.0	352110	4293800
Male	297	Telemetry		28-Jun-03	I.6	511.6	352060	4293860
Male	297	Telemetry		1-Jul-03	J.0	511.3	352100	4293830
Male	297	Telemetry		3-Jul-03	I.5	511.5	352050	4293850
Male	297	Telemetry		9-Jul-03	J.4	511.0	352140	4293800
Male	297	Telemetry		12-Jul-03	J.6	511.0	352160	4293800
Male	297	Telemetry		15-Jul-03	J.6	511.0	352160	4293800
Male	297	Telemetry		21-Jul-03	I.2	511.8	352020	4293880
Male	297	Telemetry		28-Jul-03	I.6	511.5	352060	4293850
Male	297	Telemetry		1-Aug-03	I.9	512.0	352090	4293900
Male	297	Telemetry		12-Aug-03	J.2	511.7	352120	4293870
Male	297	Telemetry		19-Aug-03	J.3	511.0	352130	4293800
Male	297	Telemetry		28-Aug-03	J.2	511.2	352120	4293820
Male	297	Telemetry		31-Aug-03	K.9	511.2	352290	4293820
Male	297	Telemetry		4-Sep-03	I.2	511.7	352020	4293870
Male	297	Telemetry		9-Sep-03	I.9	511.5	352090	4293850
Male	297	Telemetry		16-Sep-03	J.3	511.0	352130	4293800
Male	297	Telemetry		1-Oct-03	J.0	511.3	352100	4293830
Male	297	Telemetry		7-Oct-03	J.0	511.5	352100	4293850
Male	297	Telemetry		8-Oct-03	J.0	511.7	352100	4293870
Male	297	Telemetry		15-Oct-03	J.0	511.7	352100	4293870
Male	297	Telemetry		21-Oct-03	J.9	512.3	352190	4293930
Male	297	Telemetry		22-Oct-03	J.8	512.2	352180	4293920
Male	300	Random	12	22-Jun-00	I.5	510.7	352050	4293770
Male	300	Random		27-Jun-00	J.0	511.0	352100	4293800
Male	300	Random		21-Sep-00	I.0	511.3	352000	4293830
Male	300	Random		21-Jun-01	I.8	511.2	352080	4293820
Male	300	Random		28-Jun-01	I.5	511.1	352050	4293810
Male	300	Random		17-Jul-01	I.8	511.2	352080	4293820
Male	300	Random		19-Jul-01	I.8	511.0	352080	4293800

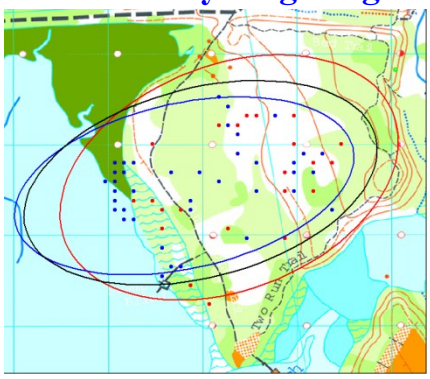
Male	300	Random		29-Aug-02	I.5	511.0	352050	4293800
Male	300	Random		8-May-03	I.3	511.5	352030	4293850
Male	300	Random		29-May-03	I.2	511.1	352020	4293810
Male	300	Random		5-Jun-03	I.2	511.0	352020	4293800
Male	300	Random		17-Jul-03	I.2	510.9	352020	4293790
Male	321	Random	6	1-Aug-00	J.0	511.7	352100	4293870.0
Male	321	Random		18-Oct-00	J.0	511.7	352100	4293870.0
Male	321	Random		17-Jun-02	H.5	512.5	351950	4293950.0
Male	321	Random		21-Sep-02	H.6	512.5	351960	4293950.0
Male	321	Random		30-Apr-03	J.5	512.4	352150	4293940.0
Male	321	Random		1-Jul-03	I.7	512.0	352070	4293900.0
Male	327	Random	12	22-Sep-00	I.5	511.0	352050	4293800
Male	327	Random		14-Jun-01	J.0	511.0	352100	4293800
Male	327	Random		19-Jun-01	I.7	510.9	352070	4293790
Male	327	Random		23-Jun-01	I.0	510.0	352000	4293700
Male	327	Random		30-Aug-01	J.0	511.0	352100	4293800
Male	327	Random		25-Jul-02	I.2	511.4	352020	4293840
Male	327	Random		29-May-03	I.0	511.5	352000	4293850
Male	327	Random		26-Jun-03	I.0	511.5	352000	4293850
Male	327	Random		1-Jul-03	I.4	511.3	352040	4293830
Male	327	Random		1-Jul-03	I.0	511.7	352000	4293870
Male	327	Random		12-Jul-03	I.1	511.7	352010	4293870
Male	327	Random		28-Aug-03	I.0	511.6	352000	4293860
Male	375	Random	6	2-Sep-01	K.7	515.5	352270	4294250.0
Male	375	Random		6-May-02	L.4	515.2	352340	4294220.0
Male	375	Random		22-May-02	L.2	514.9	352320	4294190.0
Male	375	Random		1-Jun-02	K.7	512.7	352270	4293970.0
Male	375	Random		9-Jun-02	K.2	512.6	352220	4293960.0
Male	375	Random		15-Jun-03	L.7	516.7	352370	4294370.0
Male	394	Random	2	2-Jul-02	L.0	511.3	352300	4293830
Male	394	Random		30-May-03	K.3	511.0	352230	4293800
Male	394	Telemetry	26	31-May-03	K.2	511.2	352220	4293820
Male	394	Telemetry		2-Jun-03	K.2	511.2	352220	4293820
Male	394	Telemetry		4-Jun-03	K.2	511.2	352220	4293820
Male	394	Telemetry		9-Jun-03	K.5	511.5	352250	4293850
Male	394	Telemetry		12-Jun-03	K.2	511.2	352220	4293820
Male	394	Telemetry		16-Jun-03	K.0	511.3	352200	4293830
Male	394	Telemetry		19-Jun-03	K.2	511.8	352220	4293880
Male	394	Telemetry		25-Jun-03	K.5	511.0	352250	4293800
Male	394	Telemetry		1-Jul-03	K.9	511.2	352290	4293820
Male	394	Telemetry		1-Jul-03	K.9	511.2	352290	4293820
Male	394	Telemetry		3-Jul-03	J.5	512.0	352150	4293900
Male	394	Telemetry		11-Jul-03	J.4	511.6	352140	4293860
Male	394	Telemetry		13-Jul-03	K.0	511.1	352200	4293810
Male	394	Telemetry		15-Jul-03	K.4	511.0	352240	4293800
Male	394	Telemetry		17-Jul-03	K.2	511.2	352220	4293820
Male	394	Telemetry		21-Jul-03	J.7	511.7	352170	4293870
Male	394	Telemetry		1-Aug-03	K.2	511.8	352220	4293880
Male	394	Telemetry		13-Aug-03	K.0	511.5	352200	4293850
Male	394	Telemetry		20-Aug-03	K.0	511.5	352200	4293850
Male	394	Telemetry		2-Sep-03	K.2	511.7	352220	4293870
Male	394	Telemetry		16-Sep-03	K.0	511.3	352200	4293830

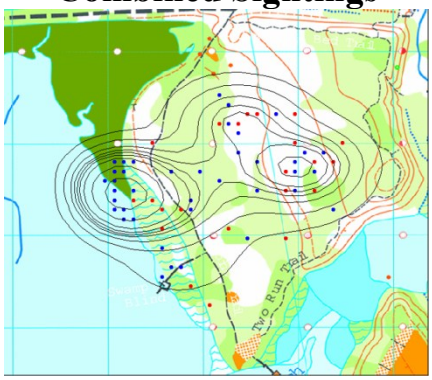
Male	394	Telemetry		30-Sep-03	K.0	511.9	352200	4293890
Male	394	Telemetry		2-Oct-03	K.0	511.9	352200	4293890
Male	394	Telemetry		8-Oct-03	K.0	511.4	352200	4293840
Male	394	Telemetry		13-Oct-03	K.1	511.1	352210	4293810
Male	394	Telemetry		22-Oct-03	K.0	511.2	352200	4293820

		Sample Size			Sightings Data	
Gender	**Compiled**	**Random**	**Telemetry**	**Compiled**	**Random**	**Telemetry**
Female	49	48	49	1258	387	872
				25.694	*8.063*	*36.333*
Juvenile	4	2	3	89	11	78
				22.250	*5.500*	*26.000*
Male	47	46	12	708	406	302
				15.064	*8.826*	*25.167*
All	100	96	64	2055	804	1252
				20.560	*8.375*	*32.103*

Home Range Map Index

Random Sightings | **Telemetry Sightings** | **Combined Sightings**





Minimum Convex Polygon | **Bivariate Normal** | **90% Kernel**

Page #	Turtle #	Gender	MCP Random	MCP Telemetry	MCP Compiled	BN Random	BN Telemetry	BN Compiled	Kernel Random	Kernel Telemetry	Kernel Compiled
1	1	Male	11.840	--	11.840	75.919	--	75.919	84.801	--	84.801
2	7	Male	0.340	--	0.340	1.356	--	1.356	1.356	--	1.356
3	10	Male	0.095	0.500	0.600	0.454	1.338	1.207	0.539	1.372	1.198
4	11	Male	4.150	--	4.150	23.423	--	23.423	24.848	--	24.848
5	12	Female	--	4.103	4.603	--	17.264	17.274	--	30.761	27.660
6	15	Female	2.970	2.855	3.480	6.981	5.035	6.033	6.257	4.757	5.026
7	27	Female	0.650	--	0.650	3.023	--	3.023	3.703	--	3.703
8	29	Male	4.575	2.555	6.920	17.850	4.476	10.395	17.015	5.352	11.128
9	31	Female	1.760	--	1.760	8.262	--	8.262	10.472	--	10.472
10	34	Male	0.980	--	0.980	4.460	--	4.460	4.465	--	4.465
11	37	Female	--	19.350	19.350	--	47.360	45.776	--	67.248	64.563
12	39	Female	6.490	3.120	7.440	16.307	6.033	10.383	16.931	8.014	10.422
13	40	Female	0.430	--	0.430	1.595	--	1.595	2.573	--	2.573
14	50	Male	0.120	--	0.120	0.785	--	0.785	1.351	--	1.351
15	52	Female	3.330	--	3.330	5.518	--	5.518	6.939	--	6.939
16	53	Female	0.425	1.620	1.710	1.136	3.328	2.192	1.472	4.595	2.667
17	57	Female	28.085	--	28.085	99.836	--	99.836	134.932	--	134.932
18	61	Male	4.260	--	4.260	17.608	--	17.608	21.377	--	21.377
19	64	Male	--	0.740	2.075	--	3.263	6.988	--	3.080	6.460
20	65	Female	1.510	--	1.510	6.282	--	6.282	6.854	--	6.854
21	66	Female	--	33.720	94.898	--	63.429	62.725	--	55.783	56.118
22	71	Female	2.150	19.080	19.080	6.455	41.949	36.028	11.560	43.276	36.053
23	77	Female	0.605	16.805	17.345	3.593	26.586	25.365	5.139	29.413	28.525
24	80	Female	--	10.295	10.435	--	22.481	22.562	--	18.994	18.870
25	81	Male	0.300	--	0.300	1.161	--	1.161	1.386	--	1.386
26	85	Male	0.755	--	0.755	2.460	--	2.460	2.926	--	2.926
27	86	Female	2.340	--	2.340	12.871	--	12.871	13.565	--	13.565
28	91	Juvenile	1.510	--	1.510	9	--	8.867	8.902	--	8.902
29	96	Female	5.465	--	5.465	35.435	--	35.435	59.570	--	59.570
30	97	Male	0.805	--	0.805	2.817	--	2.817	2.809	--	2.809
31	99	Female	0.930	--	0.930	5.207	--	5.207	19.037	--	19.037
32	100	Female	2.365	2.855	6.320	8.869	3.850	6.004	9.185	3.688	4.712
33	105	Male	1.680	--	1.680	7.300	--	7.300	8.187	--	8.187
34	106	Male	0.315	--	0.315	0.995	--	0.995	1.280	--	1.280
35	109	Male	2.450	--	2.450	6.087	--	6.087	7.590	--	7.590
36	110	Male	1.960	--	1.960	8.573	--	8.573	9.961	--	9.961
37	114	Male	0.060	--	0.060	0.437	--	0.437	0.830	--	0.830
38	115	Male	0.375	2.265	2.265	0.716	2.967	2.471	0.824	3.249	2.612
39	117	Female	5.570	--	5.570	25.527	--	25.527	34.899	--	34.899
40	118	Male	1.585	--	1.585	6.919	--	6.919	8.426	--	8.426

41	122	Male	2.970	--	2.970	8.664	--	8.664	10.945	--	10.945
42	123	Male	1.270	--	1.270	7.101	--	7.101	7.003	--	7.003
43	125	Male	2.135	3.125	4.620	5.609	3.279	4.243	6.895	3.581	4.413
44	126	Female	0.215	--	0.215	1.008	--	1.008	2.037	--	2.037
45	128	Female	0.500	22.340	22.340	1.897	24.135	22.953	2.150	21.281	19.221
46	129	Male	3.365	--	3.365	9.234	--	9.234	9.744	--	9.744
47	135	Male	1.468	--	1.468	10.002	--	10.002	12.220	--	12.220
48	136	Female	2.580	--	2.580	5.210	--	5.210	7.202	--	7.202
49	141	Female	23.645	11.441	24.975	123.037	24.917	44.558	133.256	29.728	45.794
50	144	Male	1.410	--	1.410	4.834	--	4.834	5.011	--	5.011
51	146	Female	7.705	--	7.705	11.970	--	11.970	15.638	--	15.638
52	153	Female	1.965	0.220	2.270	7.012	0.917	3.067	8.721	0.854	4.020
53	157	Female	1.430	0.460	1.675	2.699	0.802	2.541	3.056	0.810	2.178
54	159	Female	2.280	--	2.280	7.623	--	7.623	21.016	--	21.016
55	170	Male	0.570	--	0.570	2.279	--	2.279	2.464	--	2.464
56	173	Male	0.410	--	0.410	2.635	--	2.635	3.024	--	3.024
57	186	Male	0.840	0.635	1.020	1.374	1.075	1.171	1.505	1.085	1.153
58	187	Male	1.075	--	1.075	3.878	--	3.878	4.208	--	4.208
59	193	Male	1.033	--	1.033	4.067	--	4.067	4.227	--	4.227
60	195	Female	0.210	--	0.210	1.433	--	1.433	2.375	--	2.375
61	197	Female	0.350	--	0.350	2.552	--	2.552	7.472	--	7.472
62	203	Female	--	4.210	4.210	--	6.981	6.604	--	9.811	8.230
63	207	Male	1.295	--	1.295	6.410	--	6.410	6.748	--	6.748
64	221	Female	1.411	--	1.411	7.964	--	7.964	8.234	--	8.234
65	222	Male	1.490	--	1.490	4.508	--	4.508	4.366	--	4.366
66	235	Male	0.935	1.475	2.360	2.945	3.754	5.132	4.770	5.097	6.008
67	239	Female	0.580	--	0.580	3.291	--	3.291	8.806	--	8.806
68	248	Female	--	8.195	8.195	--	23.644	23.313	--	23.114	22.784
69	251	Male	--	0.840	0.890	--	1.328	1.528	--	1.425	1.708
70	253	Male	1.720	--	1.720	6.656	--	6.656	16.805	--	16.805
71	254	Female	0.451	--	0.451	1.533	--	1.533	1.542	--	1.542
72	259	Female	0.430	--	0.430	2.126	--	2.126	2.976	--	2.976
73	260	Male	0.325	--	0.325	1.315	--	1.315	2.654	--	2.654
74	261	Female	--	10.920	10.920	--	23.781	24.869	0.000	25.875	25.570
75	266	Male	--	2.901	3.635	--	5.846	9.978	--	18.587	16.976
76	270	Male	0.100	--	0.100	0.601	--	0.601	0.630	--	0.630
77	284	Female	0.695	9.380	9.380	2.676	10.914	10.360	3.846	8.910	8.063
78	290	Male	0.895	--	0.895	3.054	--	3.054	3.167	--	3.167
79	292	Male	0.395	--	0.395	1.830	--	1.830	1.984	--	1.984
80	293	Female	--	0.735	0.735	--	2.968	2.968	--	14.990	14.441
81	294	Male	--	--	0.050	--	--	0.320	--	1.235	1.235
82	297	Male	0.430	2.345	2.345	1.098	3.061	2.631	1.234	2.907	2.232
83	300	Male	0.430	--	0.430	1.184	--	1.184	1.258	--	1.258
84	315	Female	2.400	--	2.400	10.832	--	10.832	13.363	--	13.363
85	319	Female	--	1.690	2.040	--	7.411	7.338	--	6.874	6.807
86	321	Male	0.730	--	0.730	4.841	--	4.841	5.221	--	5.221
87	322	Female	--	4.620	4.670	--	8.198	8.450	--	13.685	13.366
88	324	Female	3.435	--	3.435	13.216	--	13.216	17.365	--	17.365
89	327	Male	0.885	--	0.885	3.358	--	3.358	3.070	--	3.070
90	335	Female	0.070	--	0.070	0.435	--	0.435	2.470	--	2.470
91	350	Juvenile	0.100	2.220	2.220	0.477	4.159	3.781	0.692	4.205	3.701
92	359	Female	0.725	--	0.725	5.031	--	5.031	6.252	--	6.252
93	370	Female	0.380	1.075	1.375	2.473	2.940	3.000	2.538	3.524	3.500
94	375	Male	2.330	--	2.330	9.723	--	9.723	15.451	--	15.451
95	380	Female	1.120	0.815	1.700	2.640	2.049	3.288	3.244	1.818	2.721
96	383	Female	--	2.785	2.785	--	13.827	12.227	--	13.062	11.066
97	391	Female	0.010	--	0.010	0.052	--	0.052	0.051	--	0.051
98	394	Male	--	0.805	0.875	--	1.670	1.822	--	1.918	1.952
99	412	Juvenile	--	24.175	24.175	--	78.724	78.724	--	49.315	49.315
100	437	Juvenile	--	0.405	0.405	--	1.051	1.051	--	1.154	1.154

Home Range Statistic Index

Home Range: Descriptive Stats

Females

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
Compiled Sightings	25.776	29.607	4.230	49	5.000	174.000	0	876.553	1.149	169.000	1263.000
Random Sightings	8.146	6.553	.946	48	1.000	31.000	1	42.936	.804	30.000	391.000
Telemetry Sightings	36.333	30.338	6.193	24	8.000	161.000	25	920.406	.835	153.000	872.000
Compiled MCP HR	7.242	14.536	2.077	49	.010	94.898	0	211.308	2.007	94.888	354.853
Random MCP HR	3.096	5.765	.935	38	.010	28.085	11	33.238	1.862	28.075	117.662
Telemetry MCP HR	8.029	8.645	1.765	24	.220	33.720	25	74.740	1.077	33.500	192.689
Compiled BN HR	14.035	18.433	2.633	49	.052	99.836	0	339.793	1.313	99.784	687.710
Random BN HR	12.200	24.859	4.033	38	.052	123.037	11	617.983	2.038	122.985	463.607
Telemetry BN HR	16.283	16.276	3.322	24	.802	63.429	25	264.894	1.000	62.627	390.799
90% Kernel (compiled)	17.382	23.053	3.293	49	.051	134.932	0	531.456	1.326	134.881	851.720
90% Kernel (random)	15.813	29.881	4.785	39	0.000	134.932	10	892.893	1.890	134.932	616.698
90% Kernel (telemetry)	18.369	17.527	3.578	24	.810	67.248	25	307.180	.954	66.438	440.865

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
Compiled Sightings	74629.000	15.730	10.616	2.829	10.960	13.000	33.500	5.000	21.098	8.000
Random Sightings	5203.000	6.284	4.722	1.991	3.949	6.000	4.000	5.000	7.025	2.000
Telemetry Sightings	52852.000	28.576	22.500	2.932	10.101	35.000	27.000	•	31.900	11.500
Compiled MCP HR	12712.614	2.418	.325	4.727	25.325	2.400	6.625	.430	4.489	1.970
Random MCP HR	1594.140	1.180	.241	3.444	11.316	1.421	2.129	.430	1.811	.985
Telemetry MCP HR	3266.060	4.085	1.682	1.390	1.359	4.156	9.526	2.855	6.797	3.559
Compiled BN HR	25962.017	6.893	1.569	2.691	8.529	7.338	15.579	•	10.534	4.797
Random BN HR	28521.445	4.723	1.205	3.617	12.295	5.208	6.396	•	6.369	3.068
Telemetry BN HR	12456.060	9.224	4.479	1.352	1.300	9.556	20.369	•	13.915	7.607
90% Kernel (compiled)	40314.512	9.092	1.798	3.165	12.287	8.806	15.729	•	12.945	6.139
90% Kernel (random)	43681.619	•	•	3.353	10.414	6.939	10.841	•	8.710	4.469
90% Kernel (telemetry)	15163.561	10.682	4.822	1.308	1.127	13.374	22.968	•	15.809	9.713

Males

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
Compiled Sightings	15.064	15.736	2.295	47	5.000	66.000	0	247.626	1.045	61.000	708.000
Random Sightings	8.826	4.255	.627	46	1.000	21.000	1	18.102	.482	20.000	406.000
Telemetry Sightings	25.167	15.147	4.372	12	5.000	45.000	35	229.424	.602	40.000	302.000
Compiled MCP HR	1.775	2.057	.300	47	.050	11.840	0	4.229	1.159	11.790	83.421
Random MCP HR	1.551	1.994	.308	42	.060	11.840	5	3.977	1.286	11.780	65.151
Telemetry MCP HR	1.653	1.000	.302	11	.500	3.125	36	1.000	.605	2.625	18.186
Compiled BN HR	6.476	11.280	1.645	47	.320	75.919	0	127.248	1.742	75.599	304.360
Random BN HR	6.822	12.006	1.853	42	.437	75.919	5	144.144	1.760	75.482	286.520
Telemetry BN HR	2.914	1.482	.447	11	1.075	5.846	36	2.195	.508	4.771	32.057
90% Kernel (compiled)	7.635	12.795	1.866	47	.630	84.801	0	163.722	1.676	84.171	358.868
90% Kernel (random)	7.966	13.469	2.078	42	.539	84.801	5	181.427	1.691	84.262	334.575
90% Kernel (telemetry)	4.074	4.791	1.383	12	1.085	18.587	35	22.958	1.176	17.502	48.888

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
Compiled Sightings	22056.000	10.917	9.008	2.173	3.496	10.000	5.000	5.000	11.487	3.000
Random Sightings	4398.000	7.776	6.408	.913	.889	8.000	5.000	•	8.421	2.500
Telemetry Sightings	10124.000	20.061	15.172	-.013	-1.636	26.000	29.500	•	25.200	15.000
Compiled MCP HR	342.619	1.032	.465	2.956	10.898	1.075	1.736	•	1.422	.680
Random MCP HR	264.113	.889	.456	3.527	15.080	.958	1.310	.430	1.175	.600
Telemetry MCP HR	40.069	1.357	1.104	.201	-1.610	1.475	1.746	•	1.618	.840
Compiled BN HR	7824.357	3.551	2.074	5.184	29.055	4.067	5.471	•	4.484	2.752
Random BN HR	7864.523	3.512	2.009	4.765	24.558	3.973	5.745	•	4.397	2.736
Telemetry BN HR	115.373	2.556	2.215	.440	-.564	3.061	2.214	•	2.793	1.391
90% Kernel (compiled)	10271.326	4.220	2.726	4.876	26.521	4.227	6.406	•	5.309	2.841
90% Kernel (random)	10103.746	4.165	2.462	4.625	23.578	4.297	6.921	•	5.403	2.943
90% Kernel (telemetry)	451.711	2.831	2.232	2.554	5.399	2.994	2.941	•	2.922	1.595

Juveniles

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
Compiled Sightings	22.250	16.008	8.004	4	6.000	36.000	0	256.250	.719	30.000	89.000
Random Sightings	5.500	.707	.500	2	5.000	6.000	2	.500	.129	1.000	11.000
Telemetry Sightings	26.000	13.229	7.638	3	11.000	36.000	1	175.000	.509	25.000	78.000
Compiled MCP HR	7.078	11.423	5.711	4	.405	24.175	0	130.480	1.614	23.770	28.310
Random MCP HR	.805	.997	.705	2	.100	1.510	2	.994	1.239	1.410	1.610
Telemetry MCP HR	8.933	13.231	7.639	3	.405	24.175	1	175.055	1.481	23.770	26.800
Compiled BN HR	23.106	37.220	18.610	4	1.051	78.724	0	1385.330	1.611	77.673	92.423
Random BN HR	4.739	6.027	4.261	2	.477	9.000	2	36.321	1.272	8.523	9.477
Telemetry BN HR	27.978	43.975	25.389	3	1.051	78.724	1	1933.782	1.572	77.673	83.934
90% Kernel (compiled)	15.768	22.596	11.298	4	1.154	49.315	0	510.575	1.433	48.161	63.072
90% Kernel (random)	4.797	5.805	4.105	2	.692	8.902	2	33.702	1.210	8.210	9.594
90% Kernel (telemetry)	18.225	26.968	15.570	3	1.154	49.315	1	727.284	1.480	48.161	54.674

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
Compiled Sightings	2749.000	17.102	12.774	-.048	-1.936	23.500	27.500	36.000	22.250	12.500
Random Sightings	61.000	5.477	5.455	0.000	-2.000	5.500	1.000	•	5.500	.500
Telemetry Sightings	2378.000	23.068	19.875	-.595	-1.500	31.000	18.750	•	26.000	5.000
Compiled MCP HR	591.803	2.394	1.104	1.140	-.678	1.865	12.240	•	7.078	.908
Random MCP HR	2.290	.389	.188	-3.168E-16	-2.000	.805	1.410	•	.805	.705
Telemetry MCP HR	589.523	2.791	1.013	.692	-1.500	2.220	17.828	•	8.933	1.815
Compiled BN HR	6291.492	7.257	2.982	1.129	-.687	6.324	41.380	•	23.106	3.908
Random BN HR	81.228	2.072	.906	0.000	-2.000	4.739	8.523	•	4.739	4.261
Telemetry BN HR	6215.870	7.008	2.490	.703	-1.500	4.159	58.255	•	27.978	3.108
90% Kernel (compiled)	2526.244	6.580	3.151	1.086	-.723	6.302	26.681	•	15.768	3.874
90% Kernel (random)	79.724	2.482	1.284	0.000	-2.000	4.797	8.210	•	4.797	4.105
90% Kernel (telemetry)	2450.983	6.208	2.668	.697	-1.500	4.205	36.121	•	18.225	3.051

All

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
Compiled Sightings	20.600	23.995	2.399	100	5.000	174.000	0	575.737	1.165	169.000	2060.000
Random Sightings	8.417	5.488	.560	96	1.000	31.000	4	30.119	.652	30.000	808.000
Telemetry Sightings	32.103	25.732	4.120	39	5.000	161.000	61	662.147	.802	156.000	1252.000
Compiled MCP HR	4.666	10.764	1.076	100	.010	94.898	0	115.859	2.307	94.888	466.584
Random MCP HR	2.249	4.225	.467	82	.010	28.085	18	17.849	1.878	28.075	184.423
Telemetry MCP HR	6.255	8.069	1.309	38	.220	33.720	62	65.110	1.290	33.500	237.675
Compiled BN HR	10.845	16.912	1.691	100	.052	99.836	0	286.026	1.559	99.784	1084.493
Random BN HR	9.263	19.062	2.105	82	.052	123.037	18	363.341	2.058	122.985	759.604
Telemetry BN HR	13.337	18.030	2.925	38	.802	78.724	62	325.093	1.352	77.922	506.790
90% Kernel (compiled)	12.737	19.304	1.930	100	.051	134.932	0	372.626	1.516	134.881	1273.660
90% Kernel (random)	11.577	22.831	2.506	83	0.000	134.932	17	521.237	1.972	134.932	960.867
90% Kernel (telemetry)	13.960	16.596	2.657	39	.810	67.248	61	275.427	1.189	66.438	544.427

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
Compiled Sightings	99434.000	13.293	9.856	3.189	15.316	10.000	23.000	5.000	15.963	4.000
Random Sightings	9662.000	6.939	5.421	1.823	4.321	7.000	5.000	5.000	7.654	2.000
Telemetry Sightings	65354.000	25.210	19.417	3.203	14.235	32.000	28.750	•	29.061	12.000
Compiled MCP HR	13647.036	1.620	.391	6.306	48.032	1.690	3.165	.430	2.402	1.249
Random MCP HR	1860.543	.994	.315	4.614	23.109	1.054	1.900	.430	1.368	.691
Telemetry MCP HR	3895.651	2.881	1.398	1.761	2.392	2.820	8.540	2.855	4.886	2.010
Compiled BN HR	40077.867	5.057	1.811	3.207	11.116	5.208	7.716	•	6.847	3.421
Random BN HR	36467.196	3.978	1.500	4.521	21.172	4.484	6.432	•	5.106	3.001
Telemetry BN HR	18787.303	6.226	3.296	2.101	4.084	4.755	19.514	•	9.828	3.422
90% Kernel (compiled)	53112.082	6.257	2.185	3.659	16.821	6.777	11.343	•	8.362	4.332
90% Kernel (random)	53865.090	•	•	4.293	19.058	5.139	7.879	•	6.588	3.597
90% Kernel (telemetry)	18066.254	6.809	3.398	1.628	1.986	5.352	17.759	•	11.192	4.198

Female Compiled MCP Home Range & Compiled Sightings

Regression Summary
Some of Compiled MCP HR vs. Some of Compiled Sightings

Count	49
Num. Missing	0
R	.298
R Squared	.089
Adjusted R Squared	.069
RMS Residual	14.024

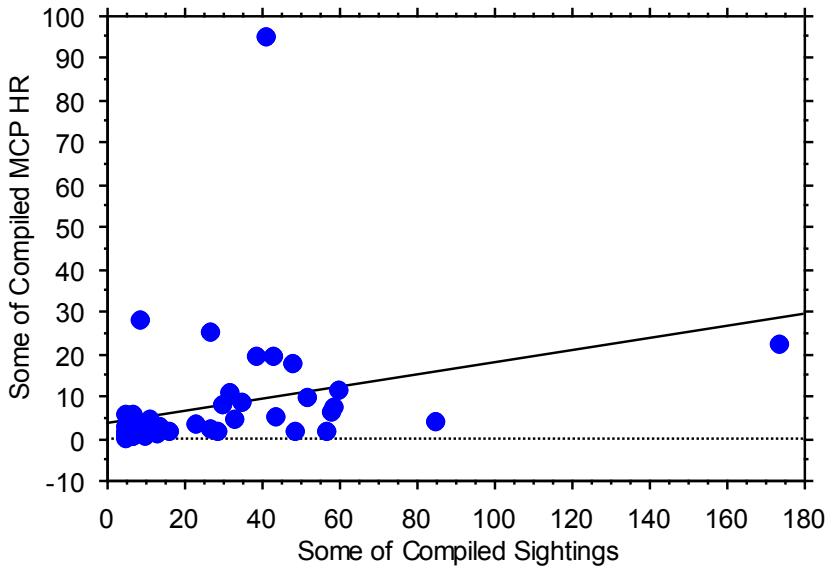
ANOVA Table
Some of Compiled MCP HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	899.411	899.411	4.573	.0377
Residual	47	9243.393	196.668		
Total	48	10142.805			

Regression Coefficients
Some of Compiled MCP HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	3.473	2.668	3.473	1.302	.1993
Some of Compiled Sightings	.146	.068	.298	2.139	.0377

Regression Plot



Y = 3.473 + .146 * X; R^2 = .089

Female Compiled MCP Home Range & Compiled Sightings

(minus outlier#128, 178 sightings)

Regression Summary
Some of Compiled MCP HR vs. Some of Compiled Sightings

Count	48
Num. Missing	0
R	.277
R Squared	.077
Adjusted R Squared	.057
RMS Residual	14.103

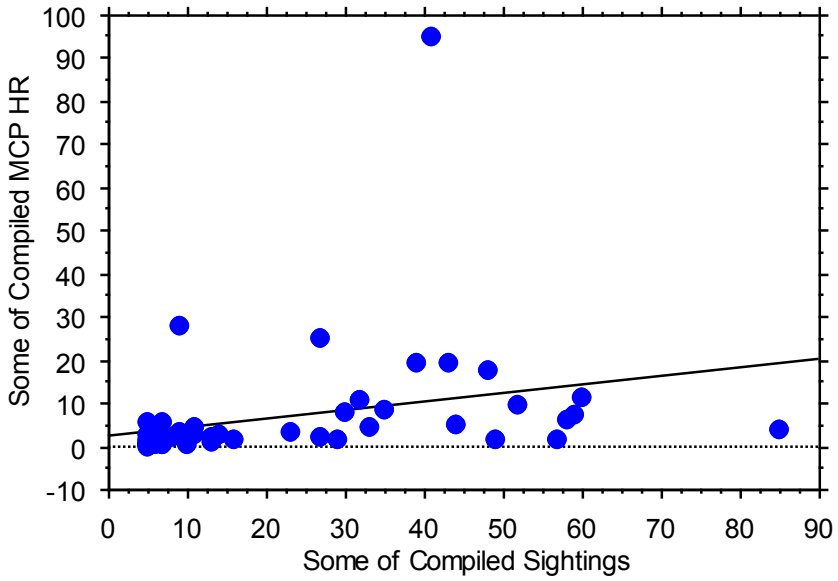
ANOVA Table
Some of Compiled MCP HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	761.176	761.176	3.827	.0565
Residual	46	9148.927	198.890		
Total	47	9910.103			

Regression Coefficients
Some of Compiled MCP HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	2.462	3.058	2.462	.805	.4250
Some of Compiled Sightings	.197	.101	.277	1.956	.0565

Regression Plot



Y = 2.462 + .197 * X; R^2 = .077

Female Random MCP Home Range & Random Sightings

Regression Summary
Some of Random MCP HR vs. Some of Random Sightings

Count	38
Num. Missing	11
R	.089
R Squared	.008
Adjusted R Squared	•
RMS Residual	5.822

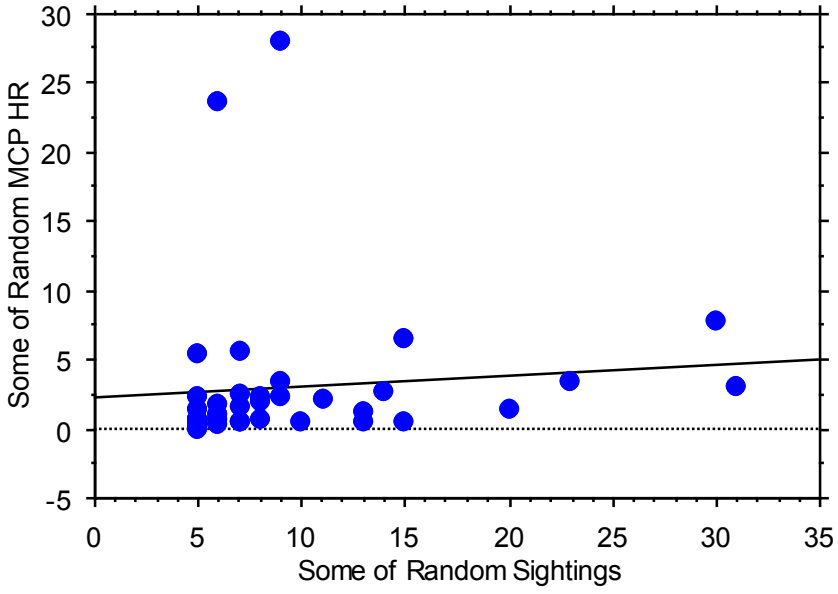
ANOVA Table
Some of Random MCP HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	9.726	9.726	.287	.5955
Residual	36	1220.089	33.891		
Total	37	1229.815			

Regression Coefficients
Some of Random MCP HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	2.347	1.688	2.347	1.390	.1731
Some of Random Sightings	.078	.145	.089	.536	.5955

Regression Plot



Y = 2.347 + .078 * X; R^2 = .008

Female Random MCP Home Range & Random Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of Random MCP HR vs. Some of Random Sightings

Count	37
Num. Missing	11
R	.096
R Squared	.009
Adjusted R Squared	•
RMS Residual	5.884

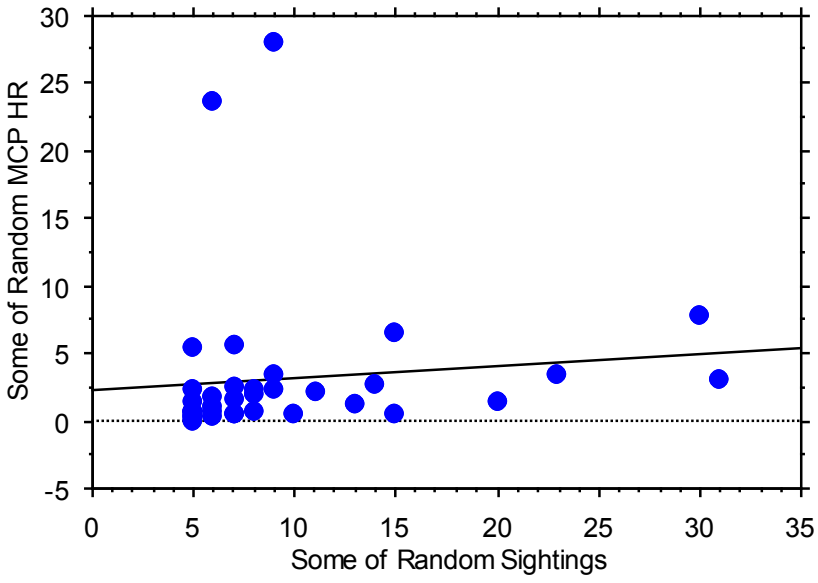
ANOVA Table
Some of Random MCP HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	11.257	11.257	.325	.5722
Residual	35	1211.635	34.618		
Total	36	1222.892			

Regression Coefficients
Some of Random MCP HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	2.365	1.707	2.365	1.385	.1747
Some of Random Sightings	.084	.147	.096	.570	.5722

Regression Plot



Y = 2.365 + .084 * X; R^2 = .009

Female Telemetry MCP Home Range & Telemetry Sightings

Regression Summary
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

Count	24
Num. Missing	25
R	.449
R Squared	.201
Adjusted R Squared	.165
RMS Residual	7.900

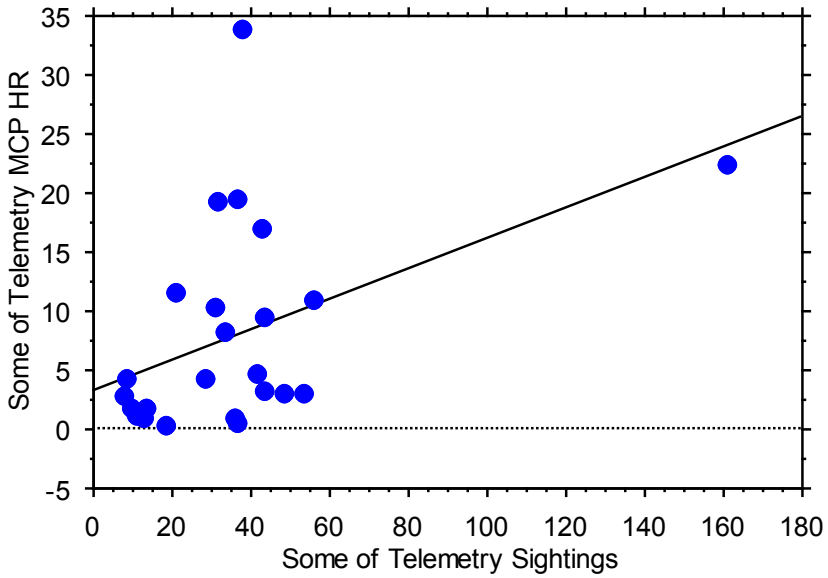
ANOVA Table
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	346.064	346.064	5.545	.0279
Residual	22	1372.952	62.407		
Total	23	1719.016			

Regression Coefficients
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	3.383	2.548	3.383	1.328	.1978
Some of Telemetry Sightings	.128	.054	.449	2.355	.0279

Regression Plot



Y = 3.383 + .128 * X; R^2 = .201

Female Telemetry MCP Home Range & Telemetry Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

Count	23
Num. Missing	25
R	.309
R Squared	.096
Adjusted R Squared	.053
RMS Residual	8.051

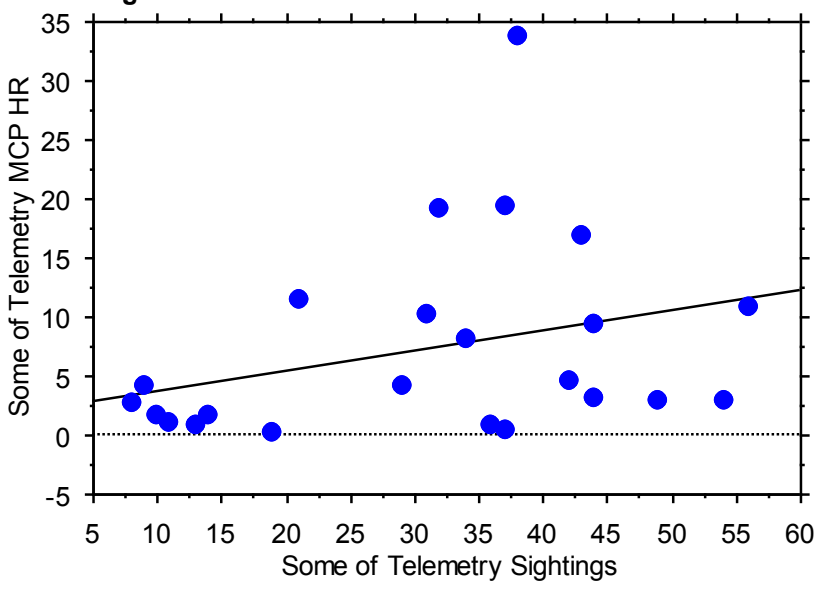
ANOVA Table
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	144.173	144.173	2.224	.1507
Residual	21	1361.125	64.815		
Total	22	1505.298			

Regression Coefficients
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	2.132	3.915	2.132	.545	.5918
Some of Telemetry Sightings	.171	.114	.309	1.491	.1507

Regression Plot



Y = 2.132 + .171 * X; R^2 = .096

Female Compiled BN Home Range & Compiled Sightings

Regression Summary
Some of Compiled BN HR vs. Some of Compiled Sightings

Count	49
Num. Missing	0
R	.138
R Squared	.019
Adjusted R Squared	•
RMS Residual	18.450

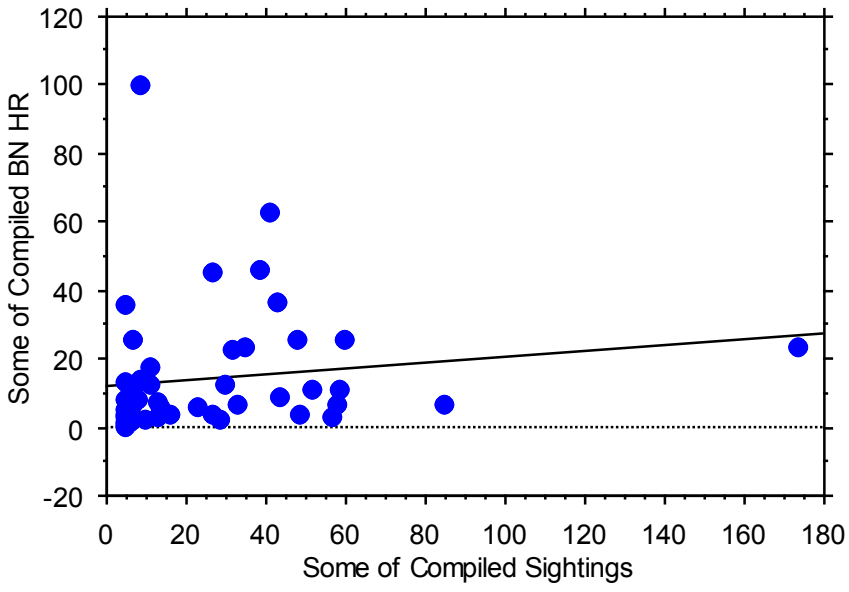
ANOVA Table
Some of Compiled BN HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	310.302	310.302	.912	.3446
Residual	47	15999.776	340.421		
Total	48	16310.078			

Regression Coefficients
Some of Compiled BN HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	11.821	3.510	11.821	3.368	.0015
Some of Compiled Sightings	.086	.090	.138	.955	.3446

Regression Plot



Y = 11.821 + .086 * X; R^2 = .019

Female Compiled BN Home Range & Compiled Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of Compiled BN HR vs. Some of Compiled Sightings

Count	48
Num. Missing	0
R	.127
R Squared	.016
Adjusted R Squared	•
RMS Residual	18.631

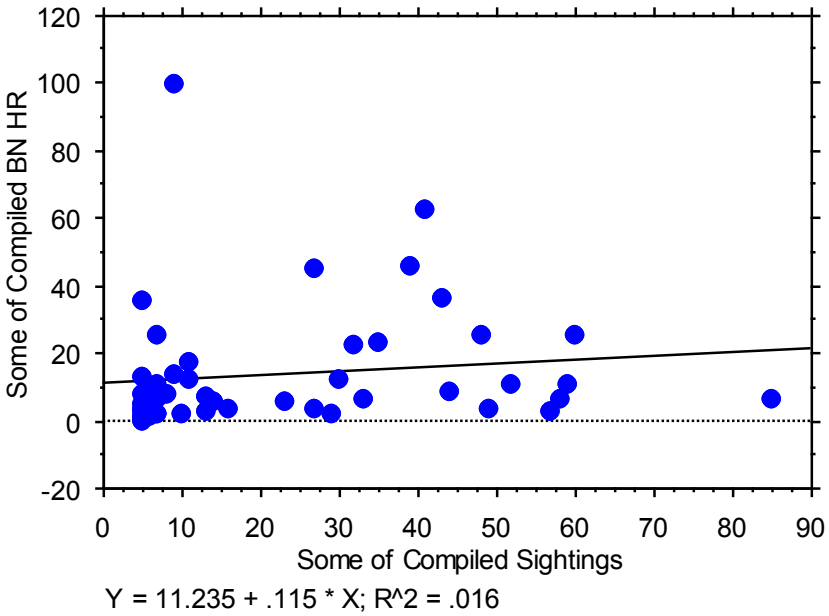
ANOVA Table
Some of Compiled BN HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	260.866	260.866	.751	.3905
Residual	46	15968.022	347.131		
Total	47	16228.888			

Regression Coefficients
Some of Compiled BN HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	11.235	4.041	11.235	2.780	.0078
Some of Compiled Sightings	.115	.133	.127	.867	.3905

Regression Plot



Y = 11.235 + .115 * X; R^2 = .016

Female Random BN Home Range & Random Sightings

Regression Summary
Some of Random BN HR vs. Some of Random Sightings

Count	38
Num. Missing	11
R	.074
R Squared	.006
Adjusted R Squared	•
RMS Residual	25.133

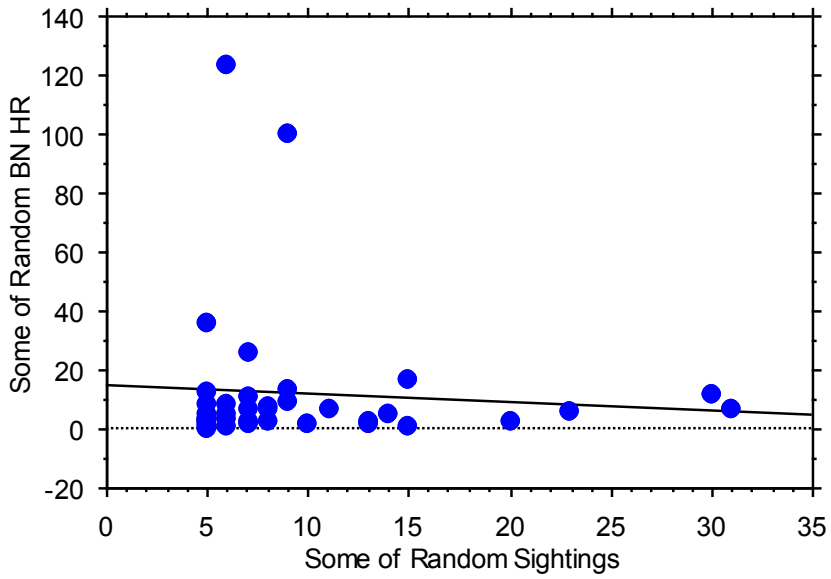
ANOVA Table
Some of Random BN HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	125.952	125.952	.199	.6579
Residual	36	22739.402	631.650		
Total	37	22865.355			

Regression Coefficients
Some of Random BN HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	14.898	7.289	14.898	2.044	.0483
Some of Random Sightings	-.280	.627	-.074	-.447	.6579

Regression Plot



Y = 14.898 - .28 * X; R^2 = .006

Female Random BN Home Range & Random Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of Random BN HR vs. Some of Random Sightings

Count	37
Num. Missing	11
R	.069
R Squared	.005
Adjusted R Squared	•
RMS Residual	25.438

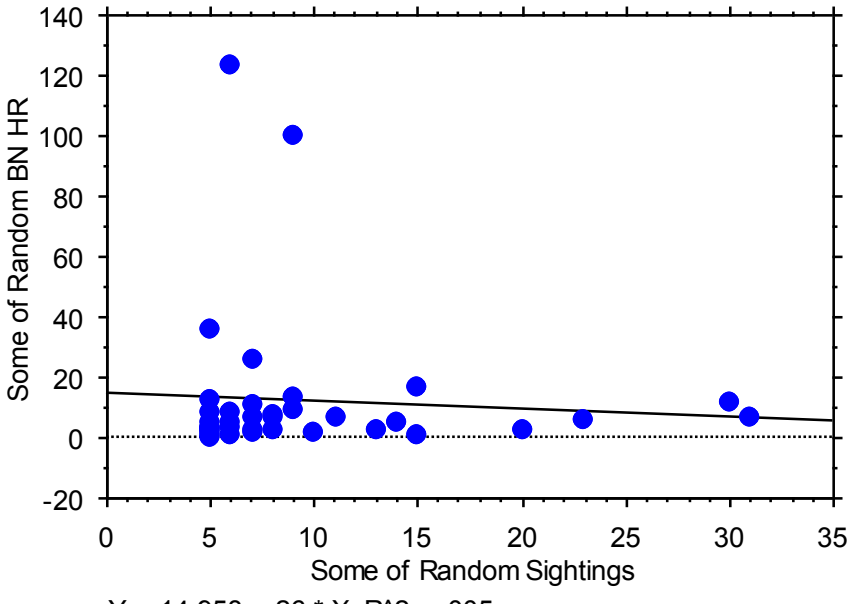
ANOVA Table
Some of Random BN HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	107.554	107.554	.166	.6860
Residual	35	22648.776	647.108		
Total	36	22756.330			

Regression Coefficients
Some of Random BN HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	14.958	7.380	14.958	2.027	.0503
Some of Random Sightings	-.260	.637	-.069	-.408	.6860

Regression Plot



Y = 14.958 - .26 * X; R^2 = .005

Female Telemetry BN Home Range & Telemetry Sightings

Regression Summary
Some of Telemetry BN HR vs. Some of Telemetry Sightings

Count	24
Num. Missing	25
R	.178
R Squared	.032
Adjusted R Squared	•
RMS Residual	16.375

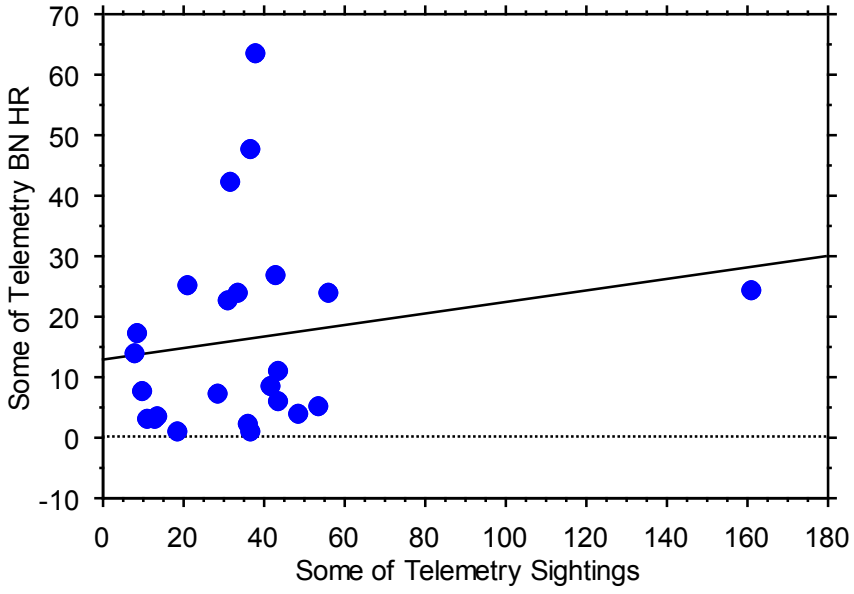
ANOVA Table
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	193.160	193.160	.720	.4052
Residual	22	5899.406	268.155		
Total	23	6092.566			

Regression Coefficients
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	12.813	5.282	12.813	2.426	.0239
Some of Telemetry Sightings	.096	.113	.178	.849	.4052

Regression Plot



Y = 12.813 + .096 * X; R^2 = .032

Female Telemetry BN Home Range & Telemetry Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of Telemetry BN HR vs. Some of Telemetry Sightings

Count	23
Num. Missing	25
R	.183
R Squared	.034
Adjusted R Squared	•
RMS Residual	16.656

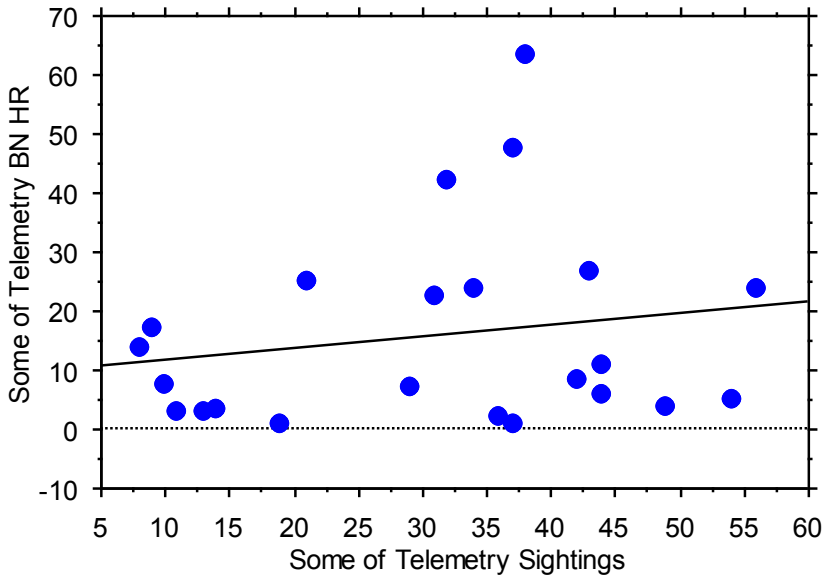
ANOVA Table
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	202.245	202.245	.729	.4028
Residual	21	5825.991	277.428		
Total	22	6028.236			

Regression Coefficients
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	9.695	8.099	9.695	1.197	.2447
Some of Telemetry Sightings	.202	.237	.183	.854	.4028

Regression Plot



Y = 9.695 + .202 * X; R^2 = .034

Female Compiled Kernel 90% Home Range & Compiled Sightings

Regression Summary
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

Count	49
Num. Missing	0
R	.017
R Squared	2.964E-4
Adjusted R Squared	•
RMS Residual	23.294

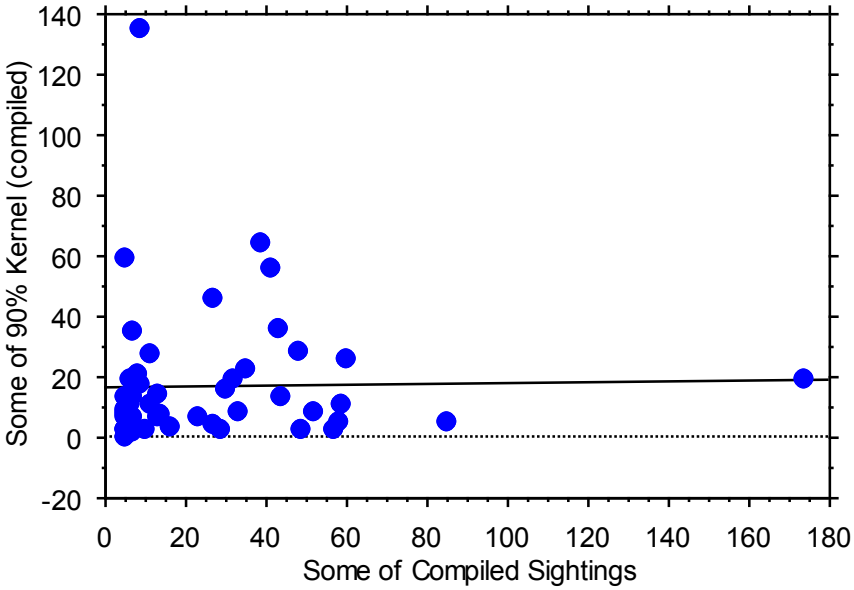
ANOVA Table
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	7.562	7.562	.014	.9065
Residual	47	25502.318	542.603		
Total	48	25509.881			

Regression Coefficients
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	17.036	4.432	17.036	3.844	.0004
Some of Compiled Sightings	.013	.114	.017	.118	.9065

Regression Plot



Y = 17.036 + .013 * X; R^2 = 2.964E-4

Female Compiled Kernel 90% Home Range & Compiled Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

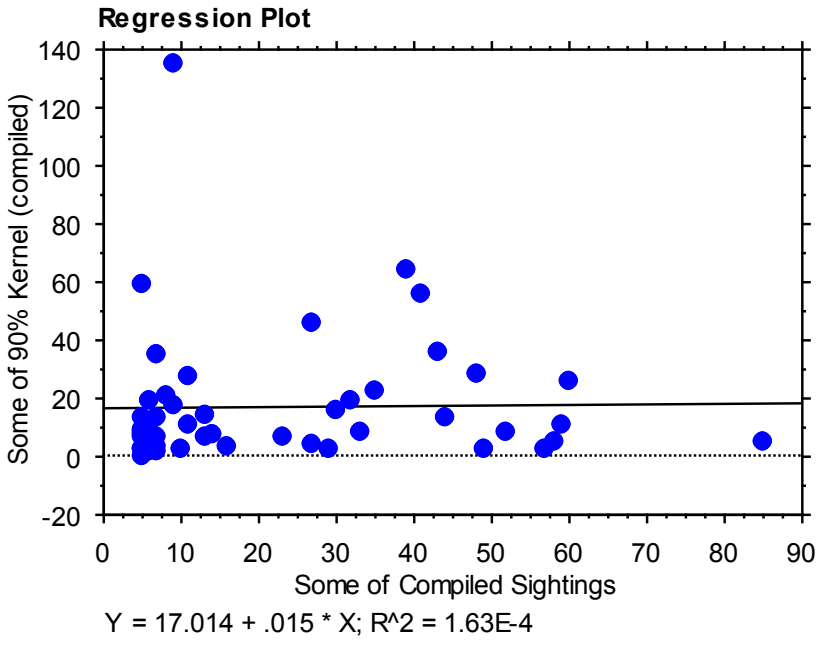
Count	48
Num. Missing	0
R	.013
R Squared	1.630E-4
Adjusted R Squared	•
RMS Residual	23.546

ANOVA Table
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	4.158	4.158	.008	.9314
Residual	46	25502.270	554.397		
Total	47	25506.428			

Regression Coefficients
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	17.014	5.106	17.014	3.332	.0017
Some of Compiled Sightings	.015	.168	.013	.087	.9314



Female Random Kernel 90% Home Range & Random Sightings

Regression Summary
Some of 90% Kernel (random) vs. Some of Random Sightings

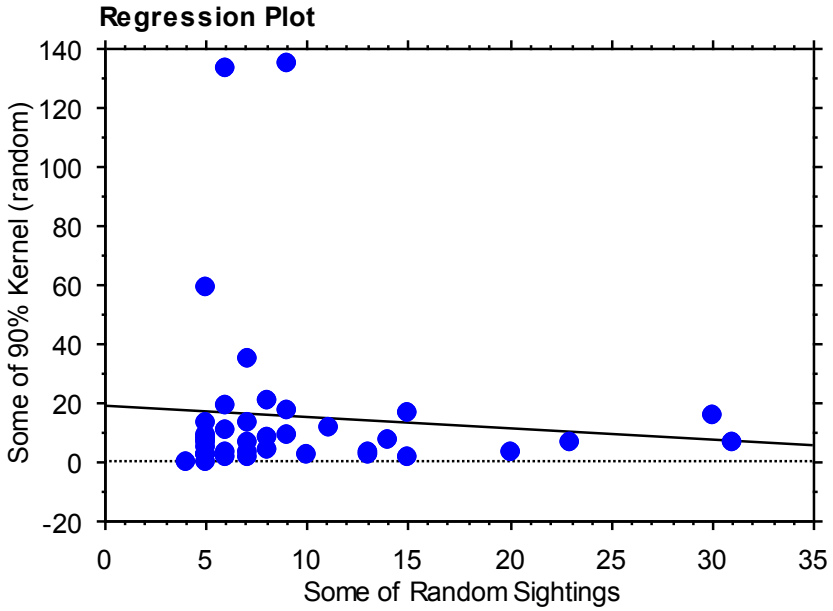
Count	39
Num. Missing	10
R	.085
R Squared	.007
Adjusted R Squared	•
RMS Residual	30.172

ANOVA Table
Some of 90% Kernel (random) vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	245.877	245.877	.270	.6064
Residual	37	33684.039	910.379		
Total	38	33929.916			

Regression Coefficients
Some of 90% Kernel (random) vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	19.491	8.570	19.491	2.274	.0288
Some of Random Sightings	-.388	.746	-.085	-.520	.6064



Female Random Kernel 90% Home Range & Random Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of 90% Kernel (random) vs. Some of Random Sightings

Count	38
Num. Missing	10
R	.079
R Squared	.006
Adjusted R Squared	•
RMS Residual	30.518

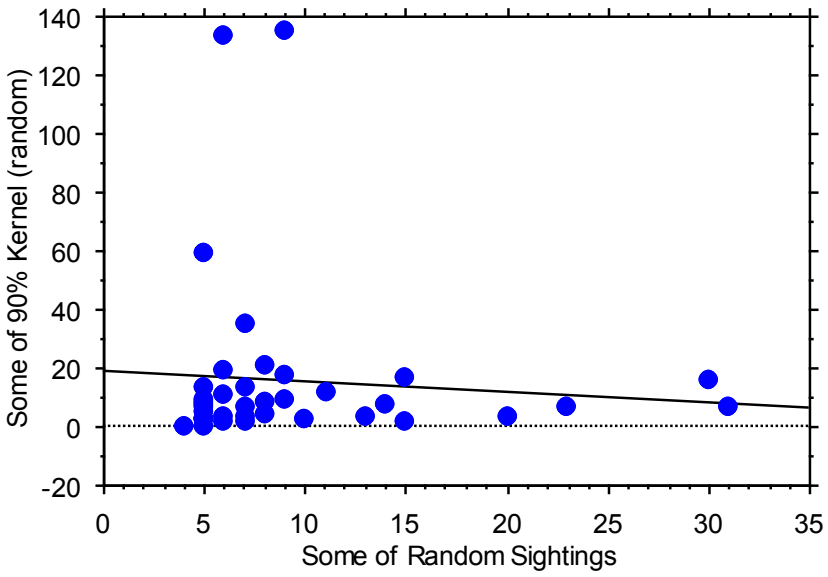
ANOVA Table
Some of 90% Kernel (random) vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	210.797	210.797	.226	.6371
Residual	36	33527.535	931.320		
Total	37	33738.332			

Regression Coefficients
Some of 90% Kernel (random) vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	19.558	8.669	19.558	2.256	.0302
Some of Random Sightings	-.360	.757	-.079	-.476	.6371

Regression Plot



Y = 19.558 - .36 * X; R^2 = .006

Female Telemetry Kernel 90% Home Range & Telemetry Sightings

Regression Summary
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

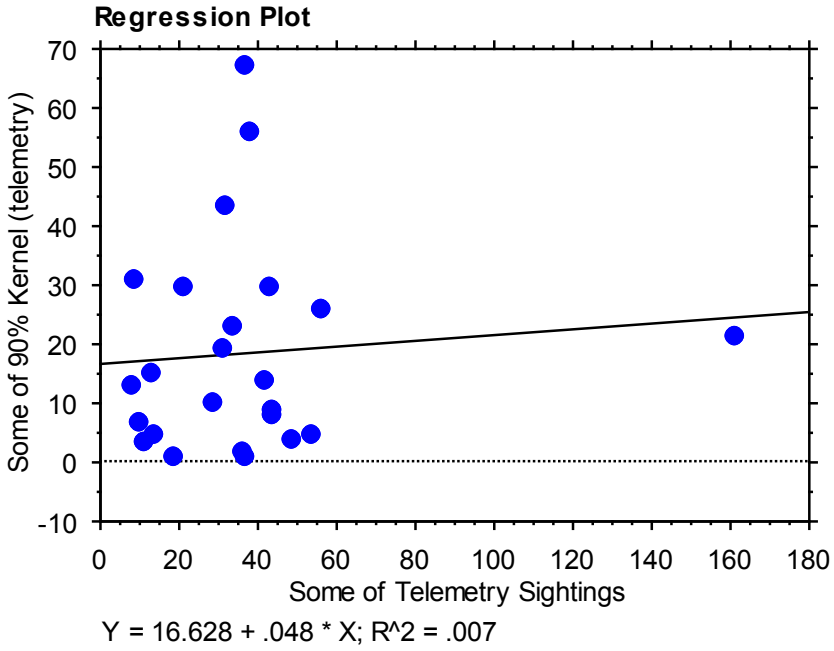
Count	24
Num. Missing	25
R	.083
R Squared	.007
Adjusted R Squared	•
RMS Residual	17.859

ANOVA Table
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	48.654	48.654	.153	.6999
Residual	22	7016.492	318.931		
Total	23	7065.146			

Regression Coefficients
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	16.628	5.760	16.628	2.887	.0086
Some of Telemetry Sightings	.048	.123	.083	.391	.6999



Female Telemetry Kernel 90% Home Range & Telemetry Sightings

(minus outlier #128, 178 sightings)

Regression Summary
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

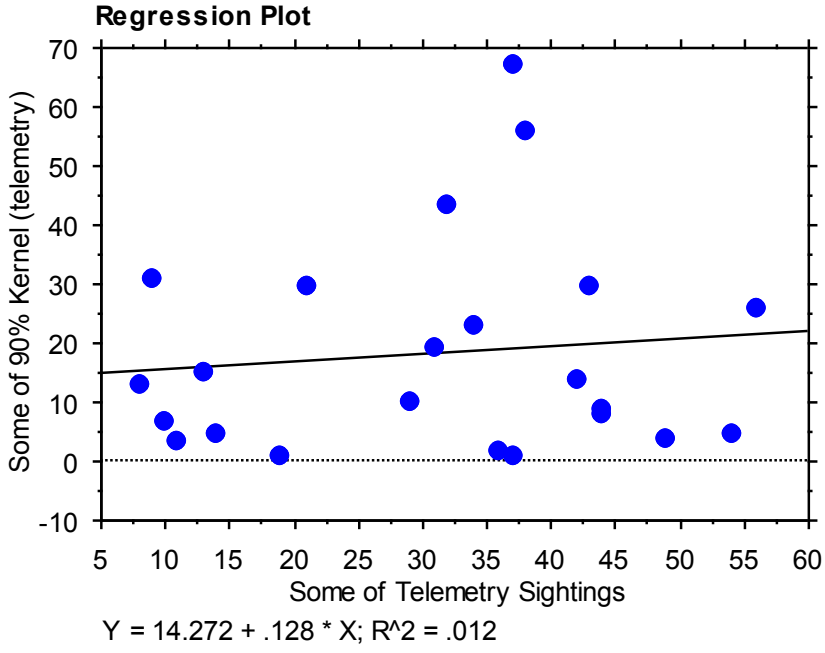
Count	23
Num. Missing	25
R	.108
R Squared	.012
Adjusted R Squared	•
RMS Residual	18.224

ANOVA Table
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	81.714	81.714	.246	.6250
Residual	21	6974.586	332.123		
Total	22	7056.300			

Regression Coefficients
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	14.272	8.862	14.272	1.610	.1222
Some of Telemetry Sightings	.128	.259	.108	.496	.6250



Male Compiled MCP Home Range & Compiled Sightings

Regression Summary
Some of Compiled MCP HR vs. Some of Compiled Sightings

Count	47
Num. Missing	0
R	.151
R Squared	.023
Adjusted R Squared	.001
RMS Residual	2.055

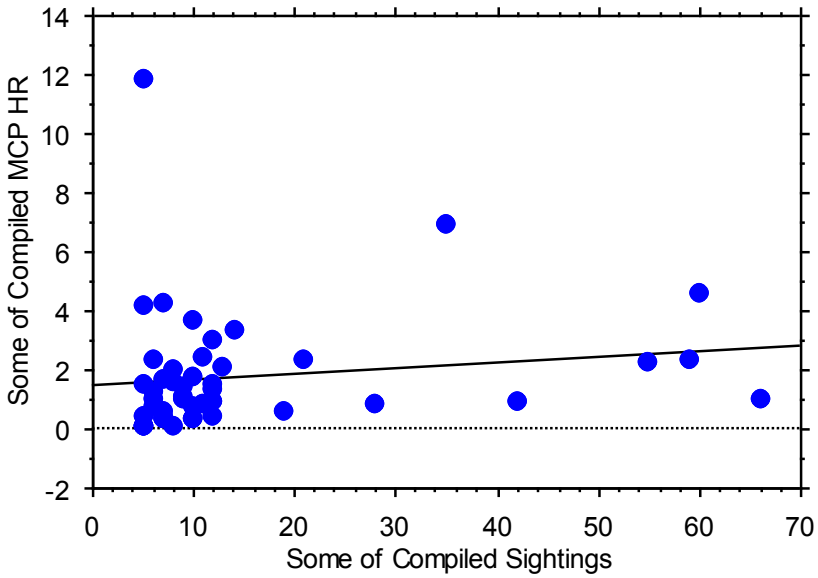
ANOVA Table
Some of Compiled MCP HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	4.439	4.439	1.051	.3108
Residual	45	190.115	4.225		
Total	46	194.554			

Regression Coefficients
Some of Compiled MCP HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	1.478	.417	1.478	3.542	.0009
Some of Compiled Sightings	.020	.019	.151	1.025	.3108

Regression Plot



Y = 1.478 + .02 * X; R^2 = .023

Male Random MCP Home Range & Random Sightings

Regression Summary
Some of Random MCP HR vs. Some of Random Sightings

Count	42
Num. Missing	5
R	.136
R Squared	.018
Adjusted R Squared	•
RMS Residual	2.000

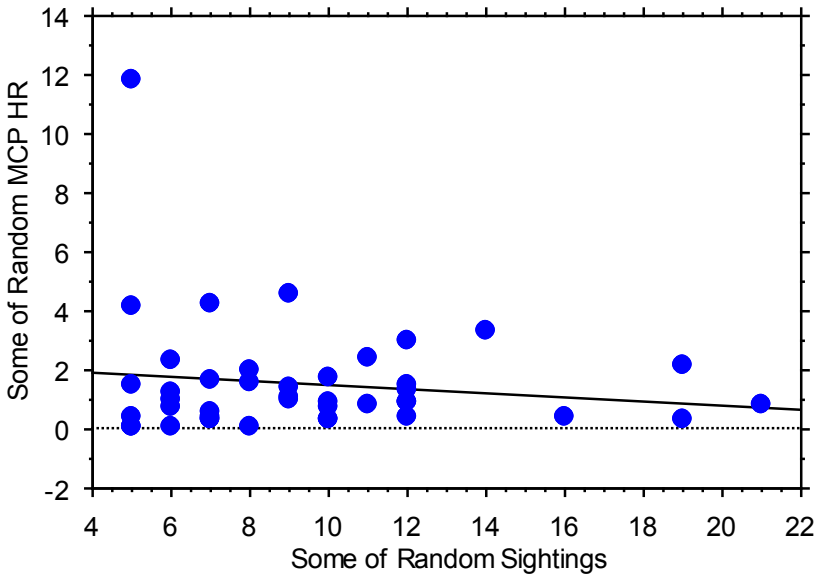
ANOVA Table
Some of Random MCP HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	2.996	2.996	.749	.3920
Residual	40	160.054	4.001		
Total	41	163.050			

Regression Coefficients
Some of Random MCP HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	2.192	.802	2.192	2.733	.0093
Some of Random Sightings	-.068	.079	-.136	-.865	.3920

Regression Plot



Y = 2.192 - .068 * X; R^2 = .018

Male Telemetry MCP Home Range & Telemetry Sightings

Regression Summary
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

Count	11
Num. Missing	36
R	.158
R Squared	.025
Adjusted R Squared	•
RMS Residual	1.041

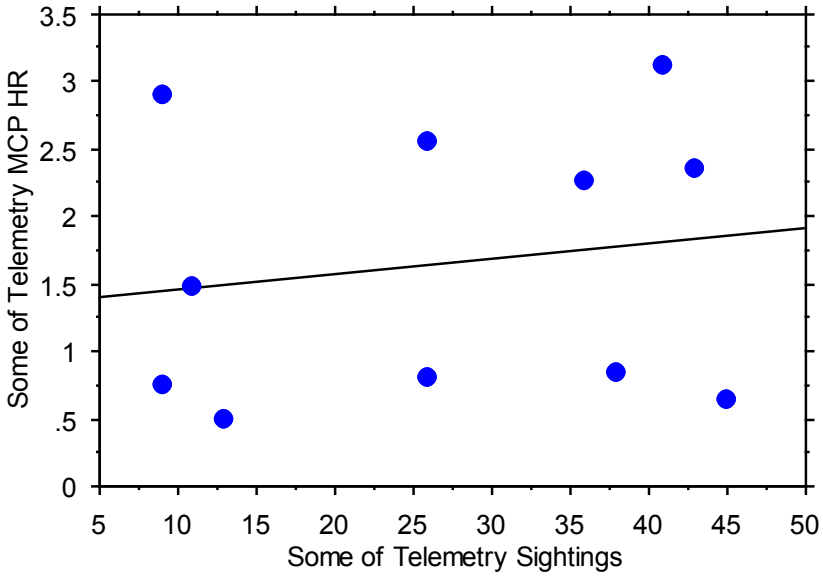
ANOVA Table
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	.251	.251	.231	.6421
Residual	9	9.752	1.084		
Total	10	10.002			

Regression Coefficients
Some of Telemetry MCP HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	1.357	.692	1.357	1.962	.0814
Some of Telemetry Sightings	.011	.023	.158	.481	.6421

Regression Plot



Y = 1.357 + .011 * X; R^2 = .025

Male Compiled BN Home Range & Compiled Sightings

Regression Summary
Some of Compiled BN HR vs. Some of Compiled Sightings

Count	47
Num. Missing	0
R	.160
R Squared	.026
Adjusted R Squared	.004
RMS Residual	11.258

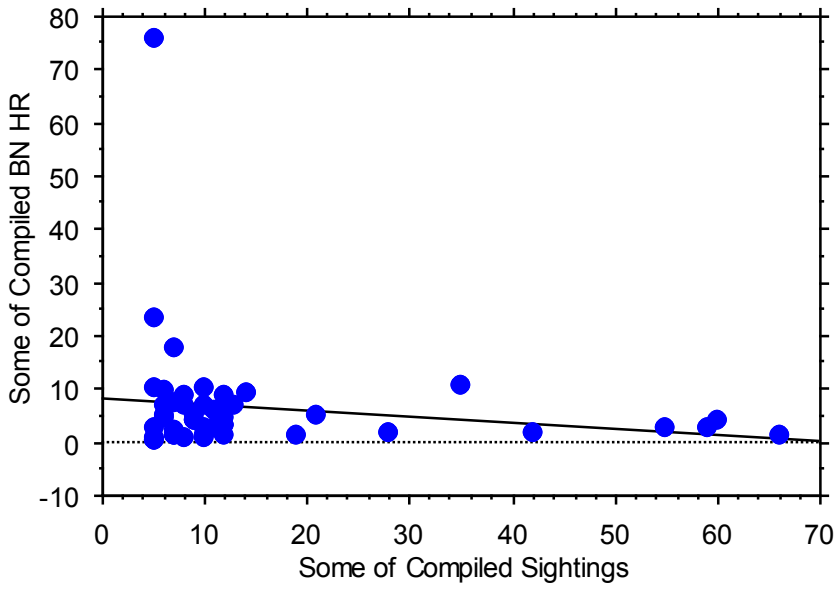
ANOVA Table
Some of Compiled BN HR vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	149.484	149.484	1.179	.2833
Residual	45	5703.915	126.754		
Total	46	5853.399			

Regression Coefficients
Some of Compiled BN HR vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	8.201	2.285	8.201	3.589	.0008
Some of Compiled Sightings	-.115	.105	-.160	-1.086	.2833

Regression Plot



Y = 8.201 - .115 * X; R^2 = .026

Male Random BN Home Range & Random Sightings

Regression Summary
Some of Random BN HR vs. Some of Random Sightings

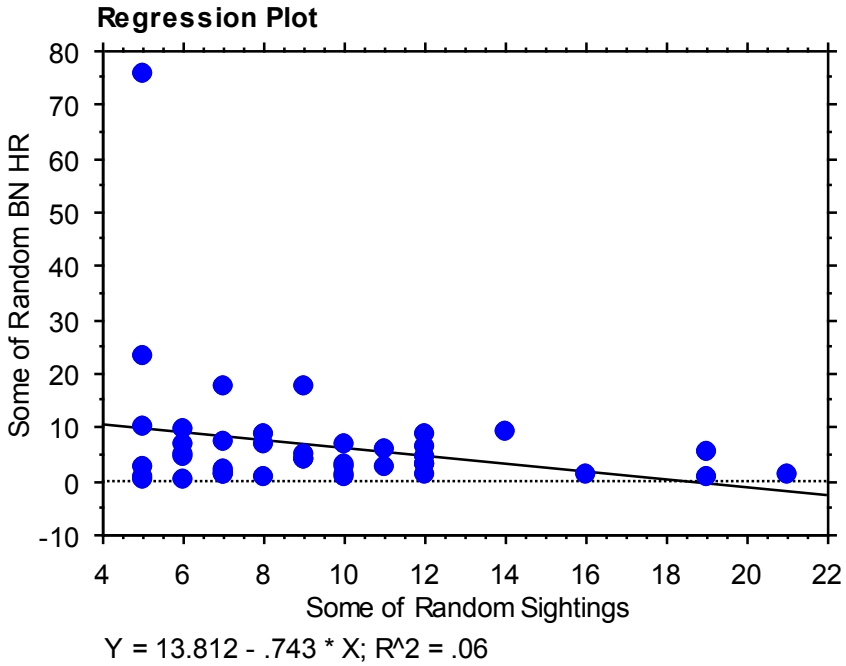
Count	42
Num. Missing	5
R	.246
R Squared	.060
Adjusted R Squared	.037
RMS Residual	11.782

ANOVA Table
Some of Random BN HR vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	356.954	356.954	2.571	.1167
Residual	40	5552.957	138.824		
Total	41	5909.911			

Regression Coefficients
Some of Random BN HR vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	13.812	4.723	13.812	2.924	.0057
Some of Random Sightings	-.743	.464	-.246	-1.604	.1167



Male Telemetry BN Home Range & Telemetry Sightings

Regression Summary
Some of Telemetry BN HR vs. Some of Telemetry Sightings

Count	11
Num. Missing	36
R	.437
R Squared	.191
Adjusted R Squared	.101
RMS Residual	1.405

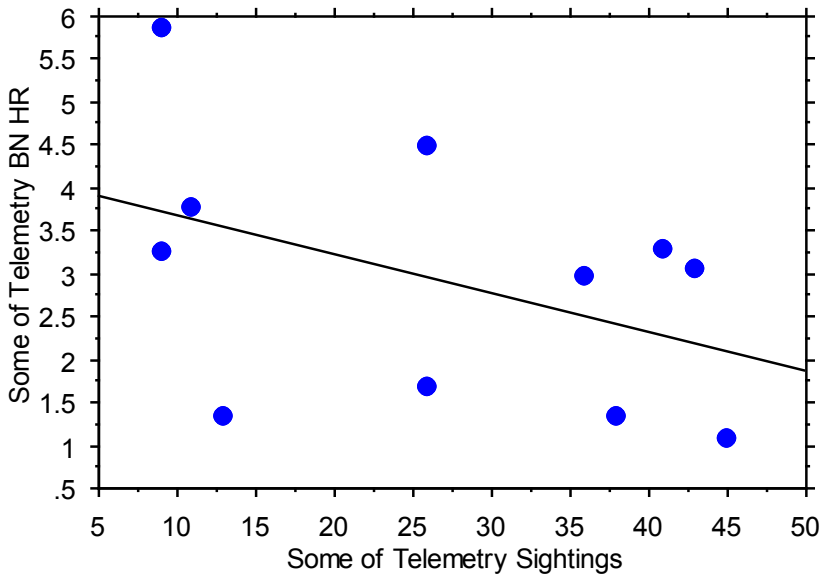
ANOVA Table
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	4.191	4.191	2.124	.1790
Residual	9	17.760	1.973		
Total	10	21.950			

Regression Coefficients
Some of Telemetry BN HR vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	4.126	.933	4.126	4.421	.0017
Some of Telemetry Sightings	-.045	.031	-.437	-1.457	.1790

Regression Plot



Y = 4.126 - .045 * X; R^2 = .191

Male Compiled Kernel 90% Home Range & Compiled Sightings

Regression Summary
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

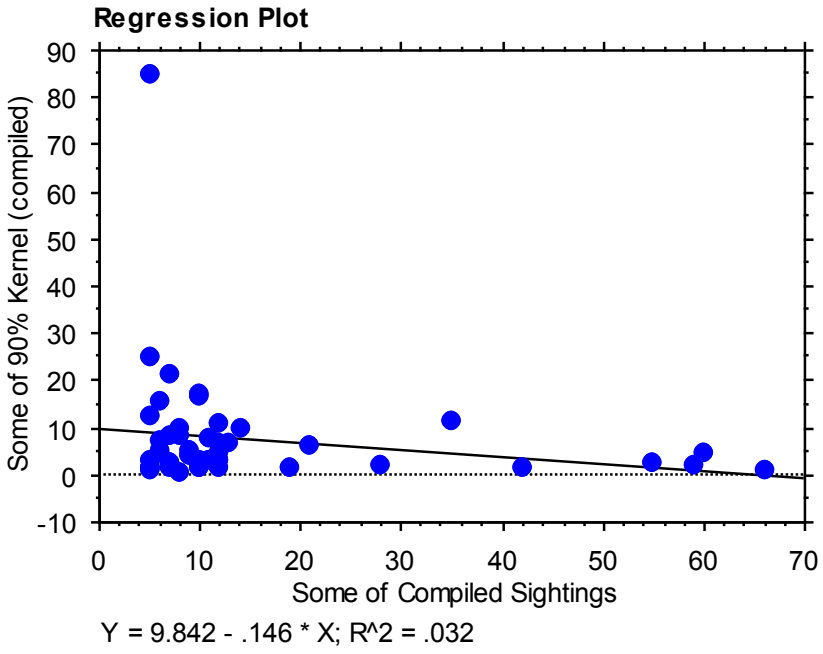
Count	47
Num. Missing	0
R	.180
R Squared	.032
Adjusted R Squared	.011
RMS Residual	12.725

ANOVA Table
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	244.292	244.292	1.509	.2257
Residual	45	7286.902	161.931		
Total	46	7531.193			

Regression Coefficients
Some of 90% Kernel (compiled) vs. Some of Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	9.842	2.583	9.842	3.810	.0004
Some of Compiled Sightings	-.146	.119	-.180	-1.228	.2257



Male Random Kernel 90% Home Range & Random Sightings

Regression Summary
Some of 90% Kernel (random) vs. Some of Random Sightings

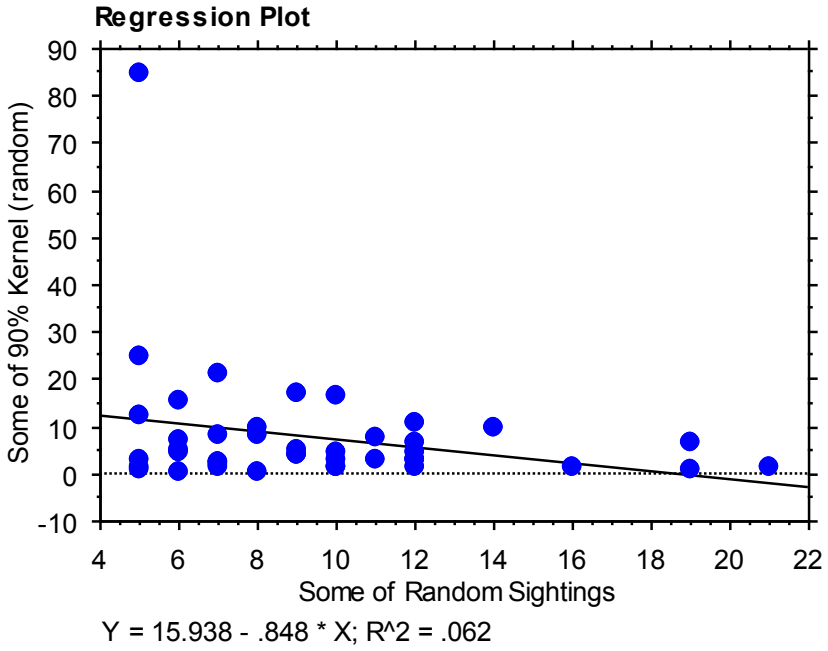
Count	42
Num. Missing	5
R	.250
R Squared	.062
Adjusted R Squared	.039
RMS Residual	13.204

ANOVA Table
Some of 90% Kernel (random) vs. Some of Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	464.225	464.225	2.663	.1106
Residual	40	6974.273	174.357		
Total	41	7438.498			

Regression Coefficients
Some of 90% Kernel (random) vs. Some of Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	15.938	5.293	15.938	3.011	.0045
Some of Random Sightings	-.848	.519	-.250	-1.632	.1106



Male Telemetry Kernel 90% Home Range & Telemetry Sightings

Regression Summary
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

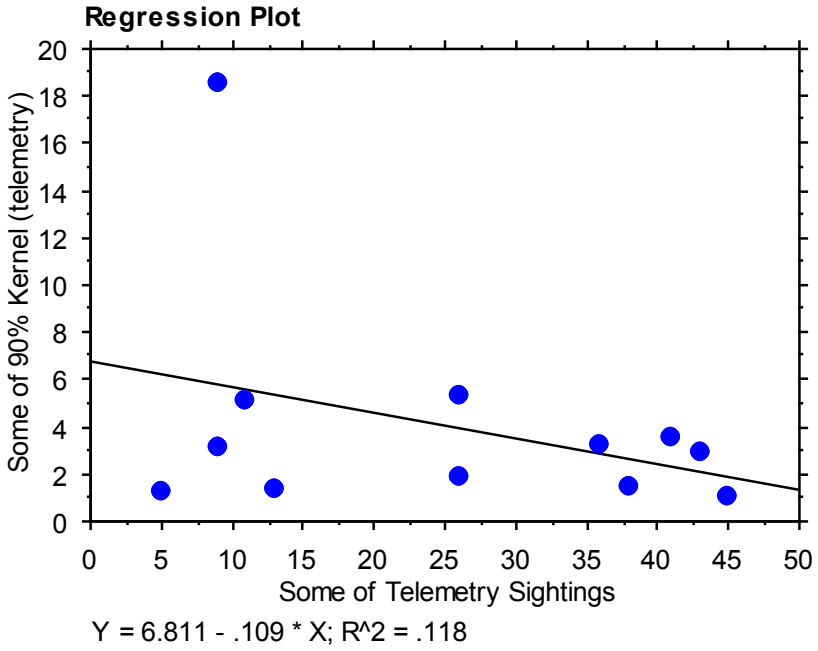
Count	12
Num. Missing	35
R	.344
R Squared	.118
Adjusted R Squared	.030
RMS Residual	4.719

ANOVA Table
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	29.854	29.854	1.341	.2738
Residual	10	222.687	22.269		
Total	11	252.541			

Regression Coefficients
Some of 90% Kernel (telemetry) vs. Some of Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	6.811	2.728	6.811	2.496	.0316
Some of Telemetry Sightings	-.109	.094	-.344	-1.158	.2738



All Compiled MCP Home Range & Compiled Sightings

Regression Summary
Compiled MCP HR vs. Compiled Sightings

Count	100
Num. Missing	0
R	.318
R Squared	.101
Adjusted R Squared	.092
RMS Residual	10.257

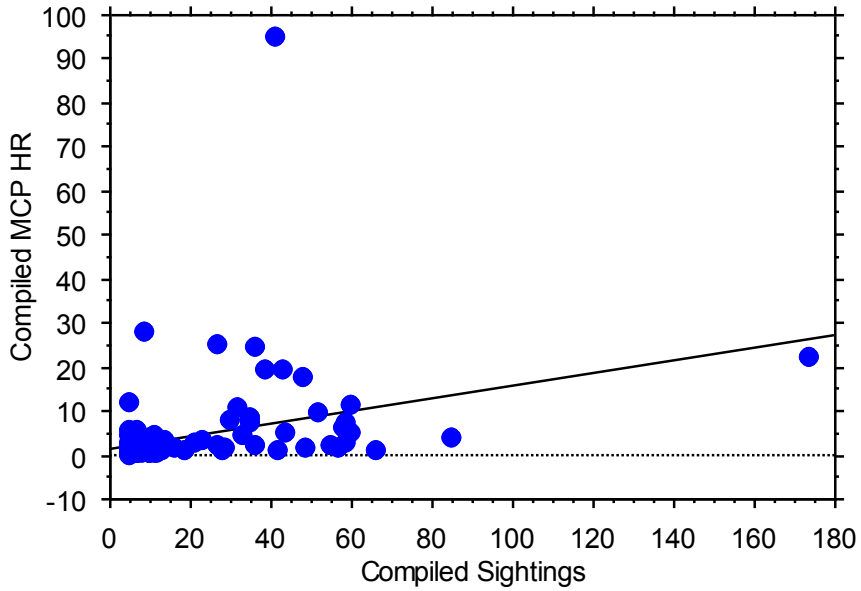
ANOVA Table
Compiled MCP HR vs. Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	1160.127	1160.127	11.028	.0013
Residual	98	10309.902	105.203		
Total	99	11470.030			

Regression Coefficients
Compiled MCP HR vs. Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	1.727	1.355	1.727	1.275	.2054
Compiled Sightings	.143	.043	.318	3.321	.0013

Regression Plot



Y = 1.727 + .143 * X; R^2 = .101

All Random MCP Home Range & Random Sightings

Regression Summary
Random MCP HR vs. Random Sightings

Count	82
Num. Missing	18
R	.055
R Squared	.003
Adjusted R Squared	•
RMS Residual	4.245

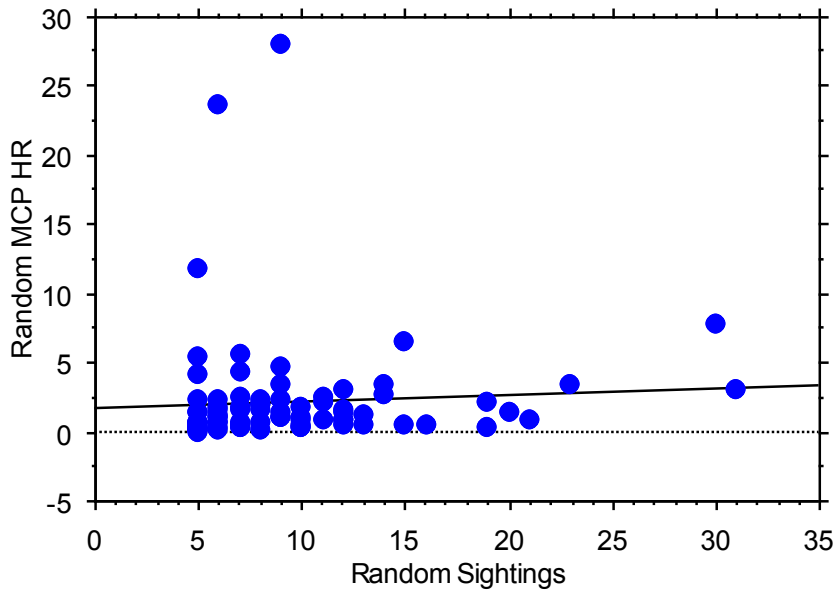
ANOVA Table
Random MCP HR vs. Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	4.398	4.398	.244	.6226
Residual	80	1441.367	18.017		
Total	81	1445.765			

Regression Coefficients
Random MCP HR vs. Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	1.836	.959	1.836	1.915	.0590
Random Sightings	.044	.089	.055	.494	.6226

Regression Plot



Y = 1.836 + .044 * X; R^2 = .003

All Telemetry MCP Home Range & Telemetry Sightings

Regression Summary
Telemetry MCP HR vs. Telemetry Sightings

Count	38
Num. Missing	62
R	.439
R Squared	.193
Adjusted R Squared	.170
RMS Residual	7.350

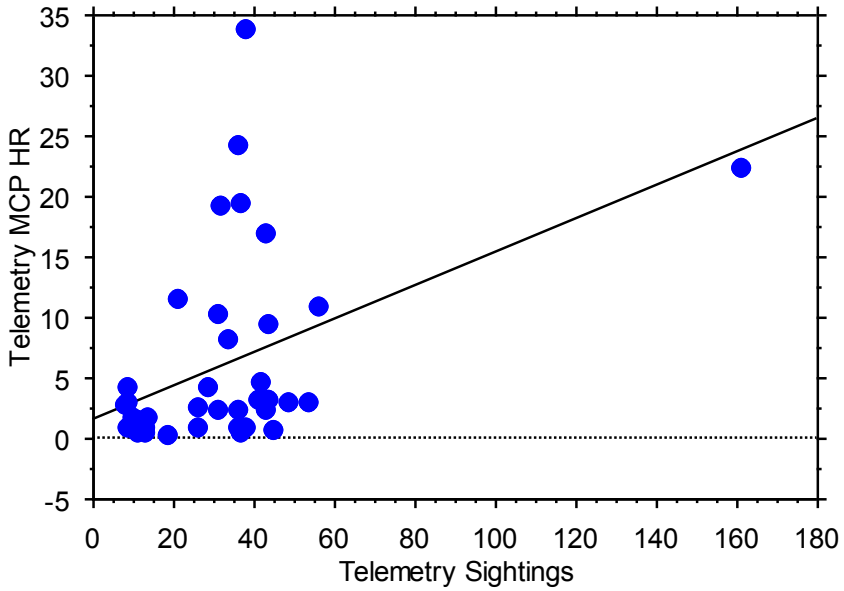
ANOVA Table
Telemetry MCP HR vs. Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	464.089	464.089	8.590	.0058
Residual	36	1944.999	54.028		
Total	37	2409.088			

Regression Coefficients
Telemetry MCP HR vs. Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	1.730	1.951	1.730	.887	.3812
Telemetry Sightings	.138	.047	.439	2.931	.0058

Regression Plot



Y = 1.73 + .138 * X; R^2 = .193

All Compiled BN Home Range & Compiled Sightings

Regression Summary
Compiled BN HR vs. Compiled Sightings

Count	100
Num. Missing	0
R	.132
R Squared	.017
Adjusted R Squared	.007
RMS Residual	16.849

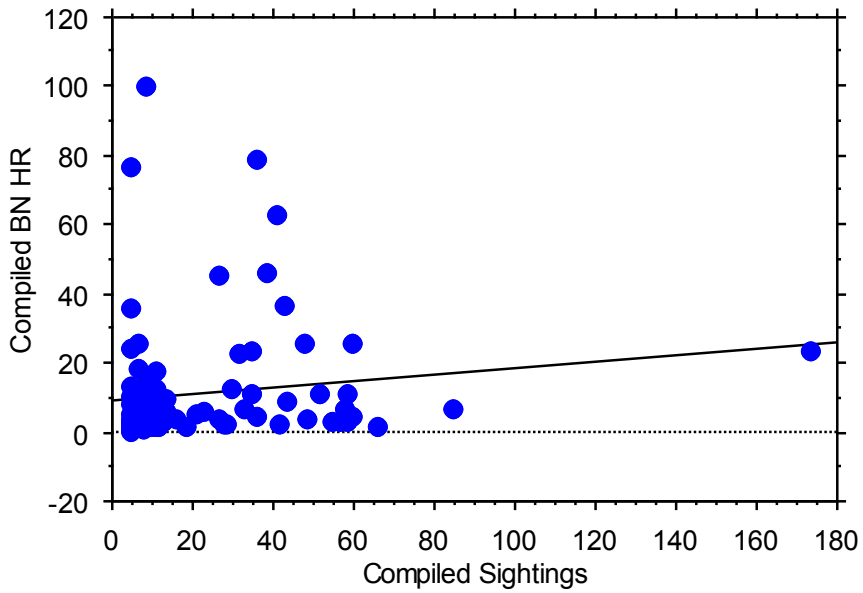
ANOVA Table
Compiled BN HR vs. Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	495.371	495.371	1.745	.1896
Residual	98	27821.245	283.890		
Total	99	28316.616			

Regression Coefficients
Compiled BN HR vs. Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	8.924	2.225	8.924	4.010	.0001
Compiled Sightings	.093	.071	.132	1.321	.1896

Regression Plot



Y = 8.924 + .093 * X; R^2 = .017

All Random BN Home Range & Random Sightings

Regression Summary
Random BN HR vs. Random Sightings

Count	82
Num. Missing	18
R	.105
R Squared	.011
Adjusted R Squared	•
RMS Residual	19.073

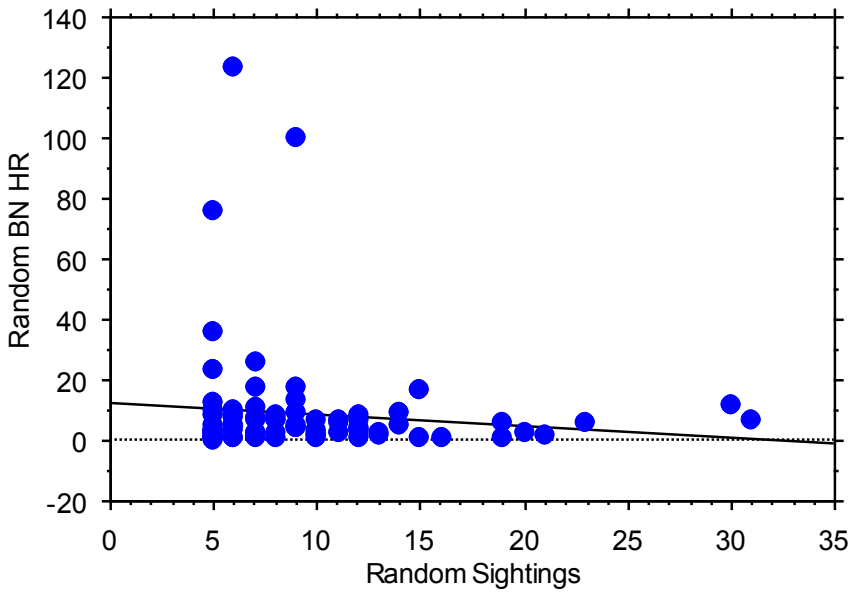
ANOVA Table
Random BN HR vs. Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	327.552	327.552	.900	.3455
Residual	80	29103.081	363.789		
Total	81	29430.633			

Regression Coefficients
Random BN HR vs. Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	12.829	4.308	12.829	2.978	.0038
Random Sightings	-.379	.399	-.105	-.949	.3455

Regression Plot



Y = 12.829 - .379 * X; R^2 = .011

All Telemetry BN Home Range & Telemetry Sightings

Regression Summary
Telemetry BN HR vs. Telemetry Sightings

Count	38
Num. Missing	62
R	.195
R Squared	.038
Adjusted R Squared	.011
RMS Residual	17.929

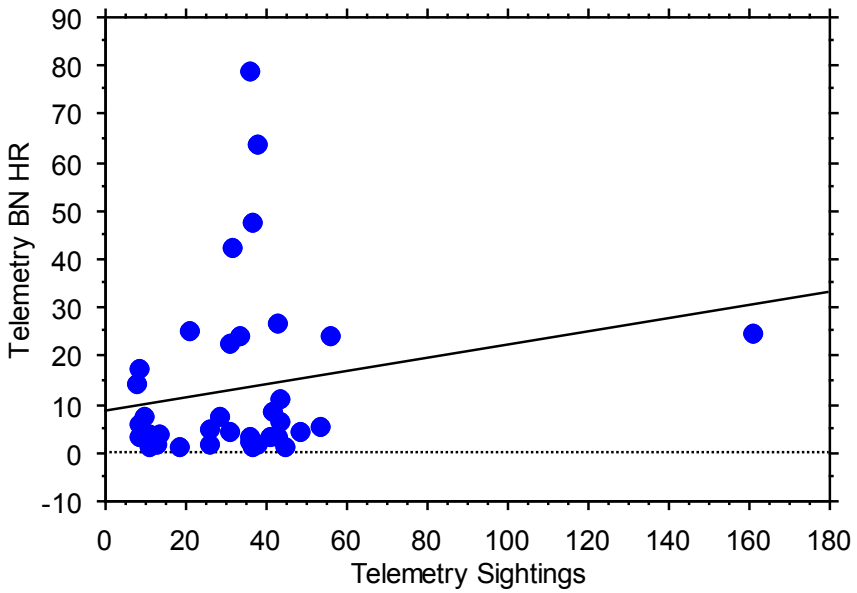
ANOVA Table
Telemetry BN HR vs. Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	456.284	456.284	1.419	.2413
Residual	36	11572.174	321.449		
Total	37	12028.458			

Regression Coefficients
Telemetry BN HR vs. Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	8.850	4.758	8.850	1.860	.0711
Telemetry Sightings	.137	.115	.195	1.191	.2413

Regression Plot



Y = 8.85 + .137 * X; R^2 = .038

All Compiled Kernel 90% Home Range & Compiled Sightings

Regression Summary
90% Kernel (compiled) vs. Compiled Sightings

Count	100
Num. Missing	0
R	.043
R Squared	.002
Adjusted R Squared	•
RMS Residual	19.383

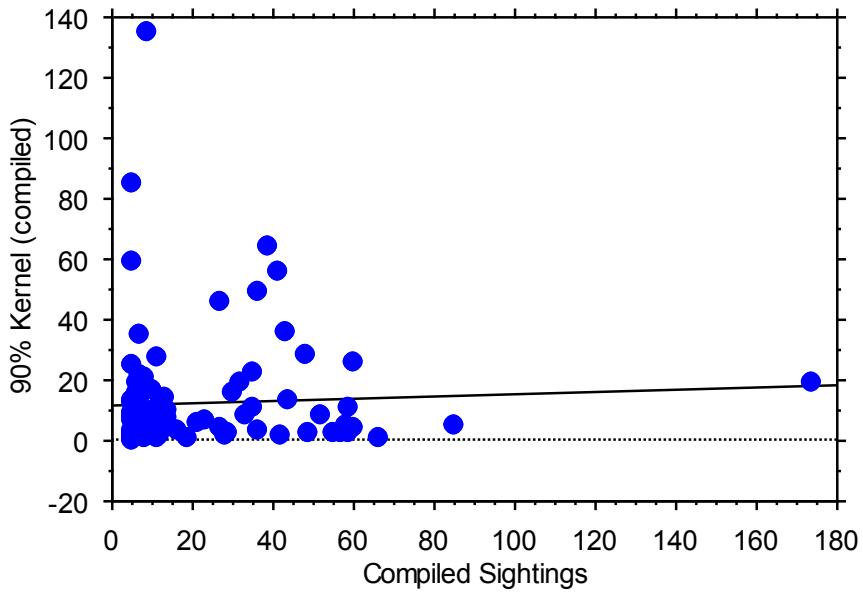
ANOVA Table
90% Kernel (compiled) vs. Compiled Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	69.664	69.664	.185	.6677
Residual	98	36820.320	375.718		
Total	99	36889.984			

Regression Coefficients
90% Kernel (compiled) vs. Compiled Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	12.016	2.560	12.016	4.694	<.0001
Compiled Sightings	.035	.081	.043	.431	.6677

Regression Plot



Y = 12.016 + .035 * X; R^2 = .002

All Random Kernel 90% Home Range & Random Sightings

Regression Summary
90% Kernel (random) vs. Random Sightings

Count	83
Num. Missing	17
R	.112
R Squared	.012
Adjusted R Squared	2.990E-4
RMS Residual	22.827

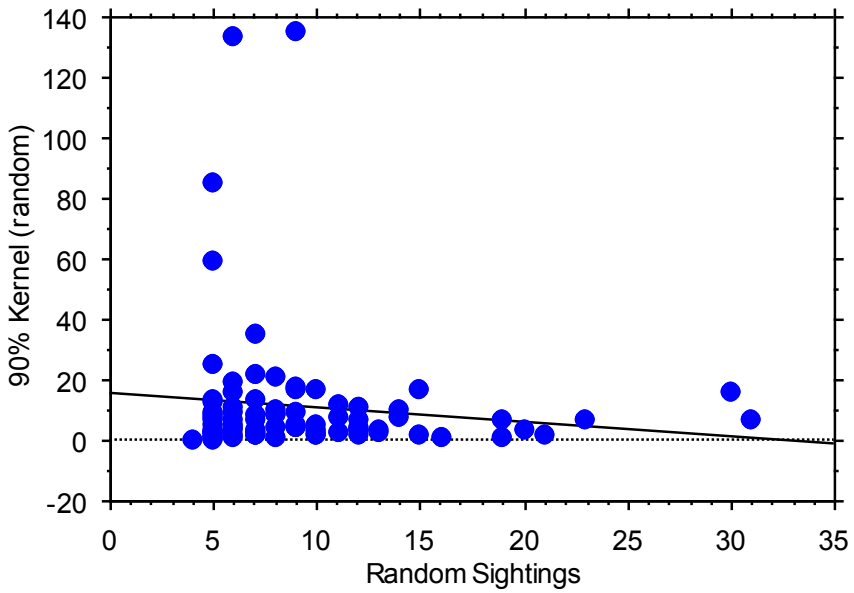
ANOVA Table
90% Kernel (random) vs. Random Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	533.859	533.859	1.025	.3145
Residual	81	42207.551	521.081		
Total	82	42741.410			

Regression Coefficients
90% Kernel (random) vs. Random Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	16.069	5.096	16.069	3.153	.0023
Random Sightings	-.480	.475	-.112	-1.012	.3145

Regression Plot



Y = 16.069 - .48 * X; R^2 = .012

All Telemetry Kernel 90% Home Range & Telemetry Sightings

Regression Summary
90% Kernel (telemetry) vs. Telemetry Sightings

Count	39
Num. Missing	61
R	.150
R Squared	.022
Adjusted R Squared	•
RMS Residual	16.629

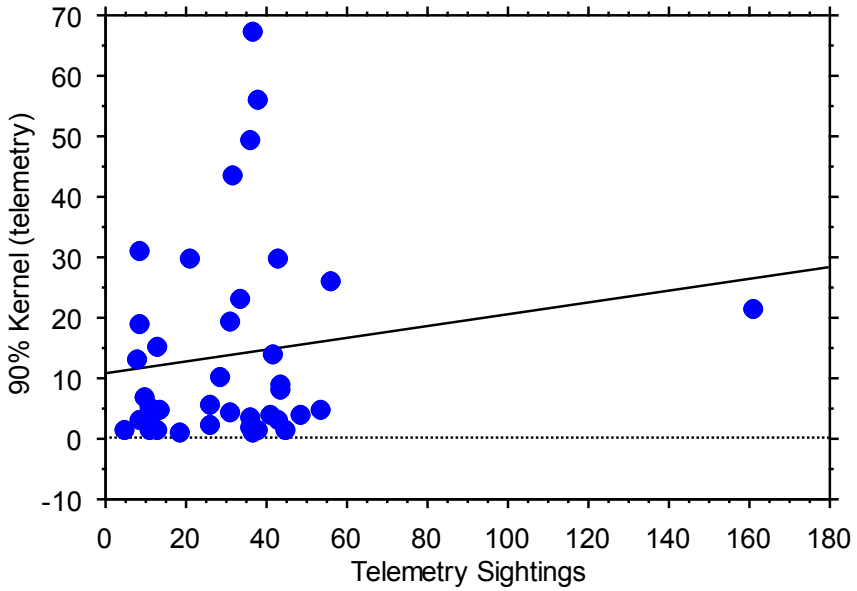
ANOVA Table
90% Kernel (telemetry) vs. Telemetry Sightings

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	1	234.624	234.624	.848	.3630
Residual	37	10231.611	276.530		
Total	38	10466.235			

Regression Coefficients
90% Kernel (telemetry) vs. Telemetry Sightings

	Coefficient	Std. Error	Std. Coeff.	t-Value	P-Value
Intercept	10.860	4.291	10.860	2.531	.0158
Telemetry Sightings	.097	.105	.150	.921	.3630

Regression Plot



Y = 10.86 + .097 * X; R^2 = .022

Gender vs Compiled MCP Home Range

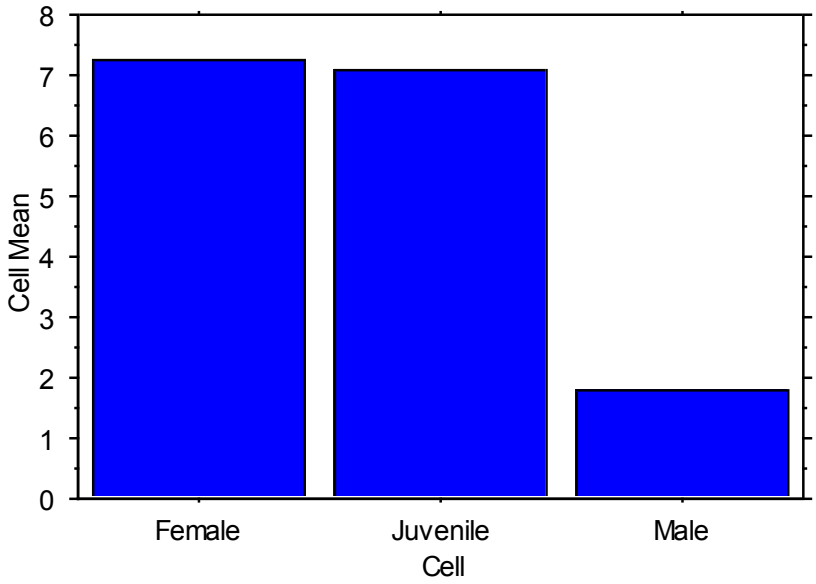
ANOVA Table for Compiled MCP HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	741.232	370.616	3.351	.0392	6.702	.615
Residual	97	10728.797	110.606				

Means Table for Compiled MCP HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	49	7.242	14.536	2.077
Juvenile	4	7.078	11.423	5.711
Male	47	1.775	2.057	.300

Interaction Bar Plot for Compiled MCP HR
Effect: Gender



Fisher's PLSD for Compiled MCP HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.164	10.854	.9761	
Female, Male	5.467	4.262	.0125	S
Juvenile, Male	5.303	10.872	.3354	

Gender vs Random MCP Home Range

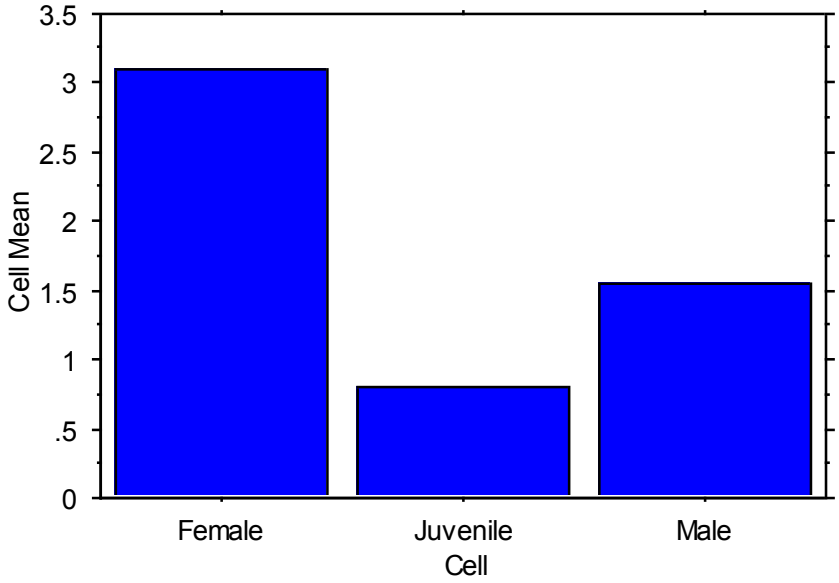
ANOVA Table for Random MCP HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	51.906	25.953	1.471	.2359	2.942	.294
Residual	79	1393.859	17.644				

Means Table for Random MCP HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	38	3.096	5.765	.935
Juvenile	2	.805	.997	.705
Male	42	1.551	1.994	.308

Interaction Bar Plot for Random MCP HR
Effect: Gender



Fisher's PLSD for Random MCP HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	2.291	6.066	.4543
Female, Male	1.545	1.872	.1043
Juvenile, Male	-.746	6.051	.8067

Gender vs Telemetry MCP Home Range

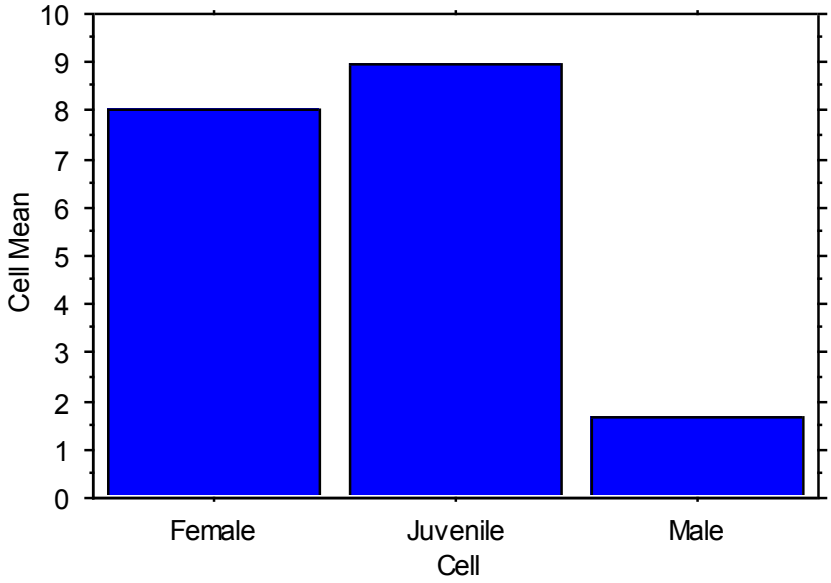
ANOVA Table for Telemetry MCP HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	329.960	164.980	2.777	.0759	5.555	.502
Residual	35	2079.128	59.404				

Means Table for Telemetry MCP HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	8.029	8.645	1.765
Juvenile	3	8.933	13.231	7.639
Male	11	1.653	1.000	.302

Interaction Bar Plot for Telemetry MCP HR
Effect: Gender



Fisher's PLSD for Telemetry MCP HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-.905	9.582	.8491	
Female, Male	6.375	5.697	.0294	S
Juvenile, Male	7.280	10.191	.1559	

Gender vs Compiled BN Home Range

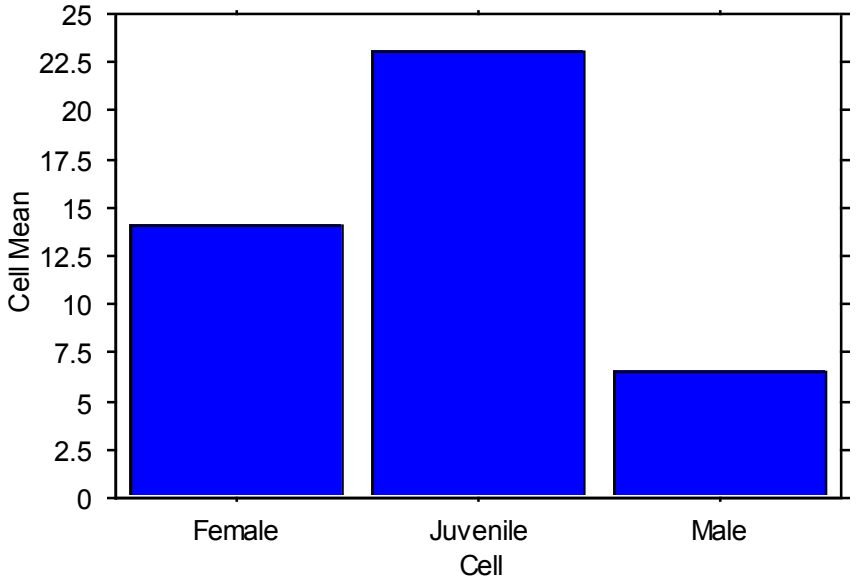
ANOVA Table for Compiled BN HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	1997.149	998.575	3.680	.0288	7.360	.661
Residual	97	26319.467	271.335				

Means Table for Compiled BN HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	49	14.035	18.433	2.633
Juvenile	4	23.106	37.220	18.610
Male	47	6.476	11.280	1.645

Interaction Bar Plot for Compiled BN HR
Effect: Gender



Fisher's PLSD for Compiled BN HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-9.071	17.001	.2922	
Female, Male	7.559	6.675	.0269	S
Juvenile, Male	16.630	17.028	.0555	

Gender vs Random BN Home Range

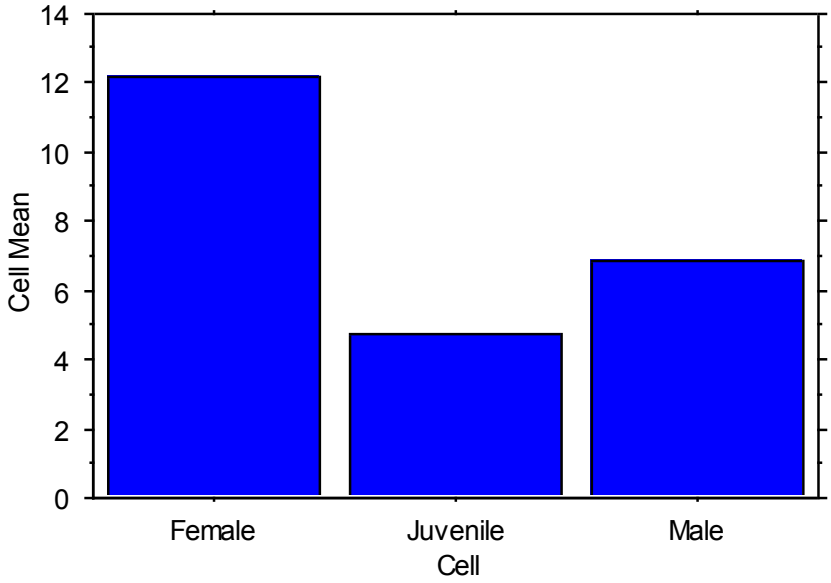
ANOVA Table for Random BN HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	619.046	309.523	.849	.4318	1.697	.185
Residual	79	28811.587	364.704				

Means Table for Random BN HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	38	12.200	24.859	4.033
Juvenile	2	4.739	6.027	4.261
Male	42	6.822	12.006	1.853

Interaction Bar Plot for Random BN HR
Effect: Gender



Fisher's PLSD for Random BN HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	7.462	27.577	.5917
Female, Male	5.378	8.510	.2121
Juvenile, Male	-2.083	27.511	.8806

Gender vs Telemetry BN Home Range

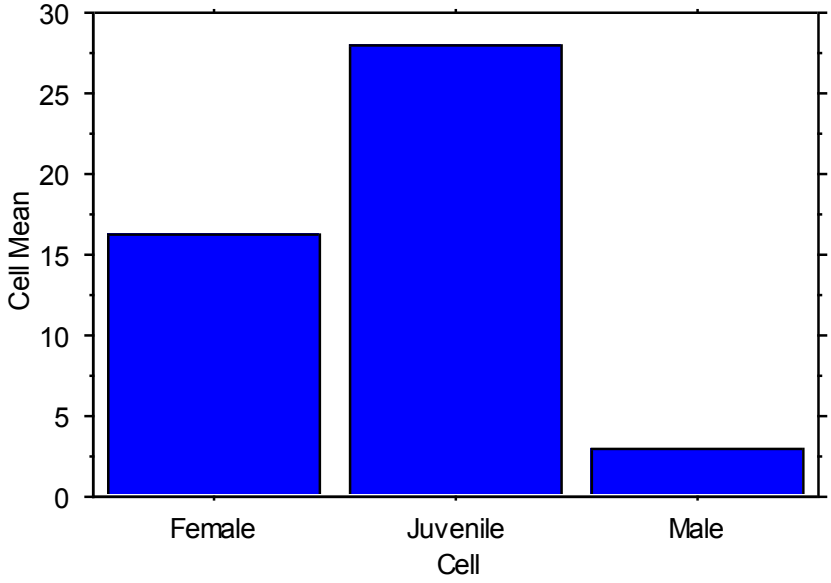
ANOVA Table for Telemetry BN HR

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2046.378	1023.189	3.588	.0383	7.175	.622
Residual	35	9982.080	285.202				

Means Table for Telemetry BN HR
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	16.283	16.276	3.322
Juvenile	3	27.978	43.975	25.389
Male	11	2.914	1.482	.447

Interaction Bar Plot for Telemetry BN HR
Effect: Gender



Fisher's PLSD for Telemetry BN HR
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-11.695	20.995	.2658	
Female, Male	13.369	12.483	.0365	S
Juvenile, Male	25.064	22.331	.0289	S

Gender vs Compiled 90% Kernel Home Range

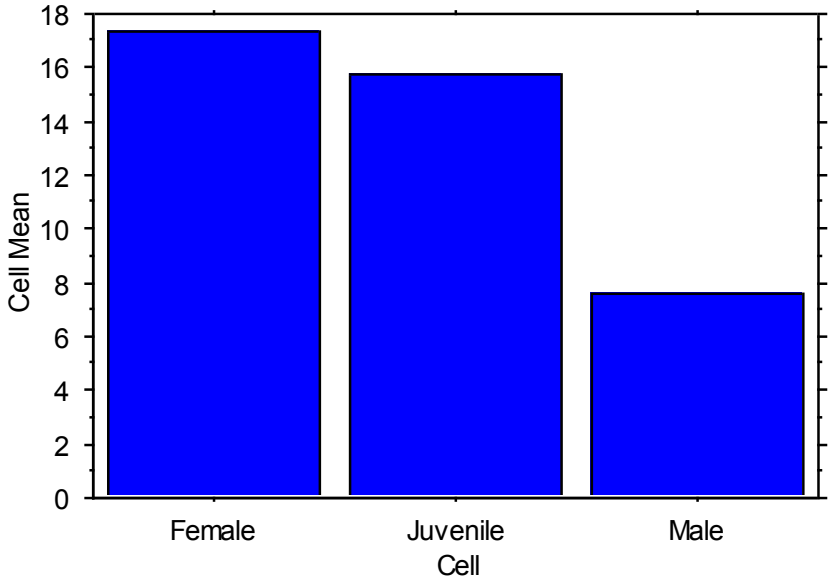
ANOVA Table for 90% Kernel (compiled)

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2317.186	1158.593	3.251	.0430	6.501	.600
Residual	97	34572.798	356.421				

Means Table for 90% Kernel (compiled)
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	49	17.382	23.053	3.293
Juvenile	4	15.768	22.596	11.298
Male	47	7.635	12.795	1.866

Interaction Bar Plot for 90% Kernel (compiled)
Effect: Gender



Fisher's PLSD for 90% Kernel (compiled)
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	1.614	19.485	.8698	
Female, Male	9.747	7.650	.0131	S
Juvenile, Male	8.133	19.516	.4102	

Gender vs Random 90% Kernel Home Range

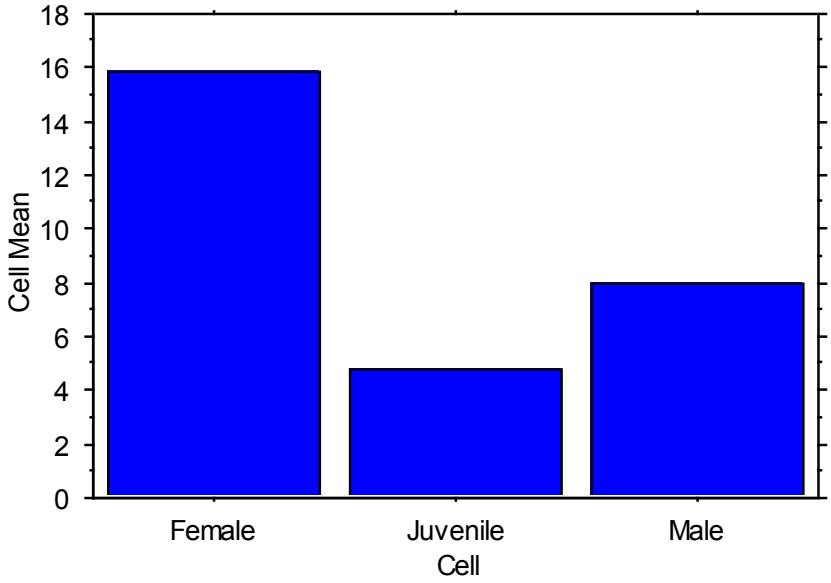
ANOVA Table for 90% Kernel (random)

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	1339.295	669.647	1.294	.2799	2.588	.263
Residual	80	41402.116	517.526				

Means Table for 90% Kernel (random)
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	39	15.813	29.881	4.785
Juvenile	2	4.797	5.805	4.105
Male	42	7.966	13.469	2.078

Interaction Bar Plot for 90% Kernel (random)
Effect: Gender



Fisher's PLSD for 90% Kernel (random)
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	11.016	32.823	.5061
Female, Male	7.847	10.067	.1248
Juvenile, Male	-3.169	32.766	.8479

Gender vs Telemetry 90% Kernel Home Range

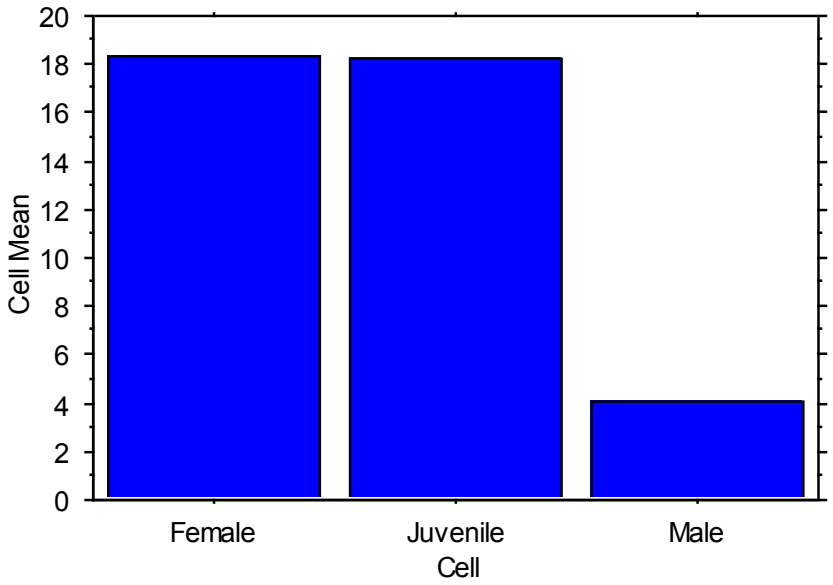
ANOVA Table for 90% Kernel (telemetry)

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	1693.980	846.990	3.476	.0417	6.952	.608
Residual	36	8772.255	243.674				

Means Table for 90% Kernel (telemetry)
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	18.369	17.527	3.578
Juvenile	3	18.225	26.968	15.570
Male	12	4.074	4.791	1.383

Interaction Bar Plot for 90% Kernel (telemetry)
Effect: Gender



Fisher's PLSD for 90% Kernel (telemetry)
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.145	19.387	.9880	
Female, Male	14.295	11.193	.0138	S
Juvenile, Male	14.151	20.436	.1688	

Female MCP Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random MCP HR, Some of Tele...	-3.640	12	-1.374	.1947

Female BN Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random BN HR, Some of Telem...	2.486	12	.283	.7823

Female 90% Kernel Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of 90% Kernel (random), Some of ...	1.487	13	.172	.8658

Male MCP Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random MCP HR, Some of Tele...	-.502	6	-.980	.3650

Male BN Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random BN HR, Some of Telem...	1.442	6	.696	.5123

Male 90% Kernel Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of 90% Kernel (random), Some of ...	1.448	6	.788	.4608

All MCP Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Random MCP HR, Telemetry MCP HR	-2.522	20	-1.523	.1434

All BN Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Random BN HR, Telemetry BN HR	1.844	20	.341	.7367

All 90% Kernel Home Ranges: Random (variable) vs Telemetry (variable)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
90% Kernel (random), 90% Kernel (telem...	1.247	21	.229	.8211

Female Compiled Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Compiled MCP HR, Some of Compiled BN HR	-6.793	48	-3.671	.0006
Some of Compiled MCP HR, Some of 90% Kernel (compiled)	-10.140	48	-3.712	.0005
Some of Compiled BN HR, Some of 90% Kernel (compiled)	-3.347	48	-3.214	.0023

Female Random Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random MCP HR, Some of Random BN HR	-9.104	37	-2.895	.0063
Some of Random MCP HR, Some of 90% Kernel (random)	-13.133	37	-3.278	.0023
Some of Random BN HR, Some of 90% Kernel (random)	-4.029	37	-3.458	.0014

Female Telemetry Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Telemetry MCP HR, Some of Telemetry BN HR	-8.255	23	-4.614	.0001
Some of Telemetry MCP HR, Some of 90% Kernel (telemetry)	-10.341	23	-4.420	.0002
Some of Telemetry BN HR, Some of 90% Kernel (telemetry)	-2.086	23	-1.751	.0932

Male Compiled Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Compiled MCP HR, Some of Compiled BN HR	-4.701	46	-3.373	.0015
Some of Compiled MCP HR, Some of 90% Kernel (compiled)	-5.861	46	-3.628	.0007
Some of Compiled BN HR, Some of 90% Kernel (compiled)	-1.160	46	-3.478	.0011

Male Random Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Random MCP HR, Some of Random BN HR	-5.271	41	-3.384	.0016
Some of Random MCP HR, Some of 90% Kernel (random)	-6.415	41	-3.593	.0009
Some of Random BN HR, Some of 90% Kernel (random)	-1.144	41	-3.335	.0018

Male Telemetry Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of Telemetry MCP HR, Some of Telemetry BN HR	-1.261	10	-4.327	.0015
Some of Telemetry MCP HR, Some of 90% Kernel (telemetry)	-2.679	10	-1.999	.0735
Some of Telemetry BN HR, Some of 90% Kernel (telemetry)	-1.418	10	-1.243	.2422

All Compiled Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Compiled MCP HR, Compiled BN HR	-6.179	99	-5.059	<.0001
Compiled MCP HR, 90% Kernel (compiled)	-8.071	99	-5.182	<.0001
Compiled BN HR, 90% Kernel (compiled)	-1.892	99	-3.010	.0033

All Random Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Random MCP HR, Random BN HR	-7.014	81	-4.212	<.0001
Random MCP HR, 90% Kernel (random)	-9.469	81	-4.529	<.0001
Random BN HR, 90% Kernel (random)	-2.454	81	-4.181	<.0001

All Telemetry Home Ranges: MCP vs BN vs 90% Kernel

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Telemetry MCP HR, Telemetry BN HR	-7.082	37	-3.958	.0003
Telemetry MCP HR, 90% Kernel (telemetry)	-8.040	37	-4.740	<.0001
Telemetry BN HR, 90% Kernel (telemetry)	-.958	37	-.828	.4131

Habitat Usage Statistic Index

Home Range: Descriptive Stats

Females

MCP

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) MCP Compiled	.741	1.265	.214	35	.006	6.862	13	1.601	1.706	6.856	25.951
(OF) MCP Compiled	1.410	2.165	.326	44	.030	10.374	4	4.685	1.535	10.344	62.050
(DF) MCP Compiled	2.858	3.801	.549	48	.016	17.706	0	14.449	1.330	17.690	137.166
(FP) MCP Compiled	1.184	1.570	.292	29	.025	7.379	19	2.466	1.326	7.354	34.333
(TW) MCP Compiled	.904	1.432	.313	21	.004	6.378	27	2.051	1.585	6.374	18.977
(PH0 MCP Compiled	.477	.586	.169	12	.004	1.818	36	.344	1.230	1.814	5.724
(SS) MCP Compiled	3.532	13.949	3.119	20	.001	62.725	28	194.563	3.949	62.724	70.645
(M) MCP Random	.318	.431	.090	23	.006	1.514	25	.186	1.355	1.508	7.313
(OF) MCP Random	.796	1.327	.238	31	.040	6.541	17	1.762	1.667	6.501	24.686
(DF) MCP Random	1.403	2.598	.427	37	.016	13.478	11	6.748	1.852	13.462	51.900
(FP) MCP Random	.948	1.679	.385	19	.025	7.379	29	2.820	1.771	7.354	18.019
(TW) MCP Random	.770	1.554	.449	12	.004	5.475	36	2.415	2.019	5.471	9.236
(PH) MCP Random	.432	.690	.282	6	.025	1.818	42	.476	1.596	1.793	2.593
(SS) MCP Random	.325	.815	.235	12	.001	2.886	36	.665	2.508	2.885	3.902
(M0 MCP Telemetry	1.114	1.671	.405	17	.006	6.862	31	2.792	1.499	6.856	18.943
(OF) MCP Telemetryry	1.682	2.539	.518	24	.002	10.374	24	6.447	1.510	10.372	40.360
(DF) MCP Telemetry	3.808	4.206	.858	24	.003	17.706	24	17.687	1.105	17.703	91.382
(FP) MCP Telemetry	1.093	1.206	.301	16	.208	4.970	32	1.453	1.103	4.762	17.487
(TW) MCP Telemetry	1.023	1.194	.331	13	.010	4.094	35	1.426	1.167	4.084	13.305
(PH) MCP Telemetry	.666	.754	.267	8	.004	1.800	40	.569	1.133	1.796	5.327
(SS) MCP Telemetry	.368	.298	.075	16	.005	.962	32	.089	.811	.957	5.887

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) MCP Compiled	73.672	.187	.038	3.514	13.956	.467	.876	.006	.478	.445
(OF) MCP Compiled	288.963	.469	.154	2.406	5.829	.657	1.429	.030	.925	.576
(DF) MCP Compiled	1071.081	1.095	.239	2.044	4.147	1.279	2.502	•	2.166	1.122
(FP) MCP Compiled	109.699	.591	.237	2.671	7.305	.692	1.049	•	.876	.484
(TW) MCP Compiled	58.172	.288	.044	2.880	8.371	.529	.810	•	.588	.435
(PH0 MCP Compiled	6.514	.163	.031	1.254	.317	.271	.713	•	.390	.249
(SS) MCP Compiled	3946.229	.195	.015	4.114	14.970	.328	.397	•	.300	.225
(M) MCP Random	6.411	.098	.034	1.447	1.135	.091	.545	•	.239	.074
(OF) MCP Random	72.520	.321	.152	3.133	10.166	.307	.843	•	.494	.256
(DF) MCP Random	315.746	.543	.177	3.602	12.887	.607	1.142	.297	.839	.425
(FP) MCP Random	67.853	.382	.165	3.186	9.670	.432	.632	•	.624	.324
(TW) MCP Random	33.669	.134	.026	2.586	5.379	.178	.614	•	.376	.167
(PH) MCP Random	3.500	.161	.072	1.665	.976	.197	.282	•	.432	.141
(SS) MCP Random	8.583	.039	.006	2.901	6.661	.036	.251	.321	.101	.033
(M0 MCP Telemetry	65.776	.361	.050	2.610	6.450	.602	1.114	•	.805	.518
(OF) MCP Telemetryry	216.142	.504	.040	2.121	4.041	.610	1.747	•	1.187	.506
(DF) MCP Telemetry	754.734	1.575	.067	1.655	2.898	2.442	5.604	•	3.192	1.962
(FP) MCP Telemetry	40.913	.727	.523	2.273	4.802	.782	.796	•	.879	.423
(TW) MCP Telemetry	30.729	.428	.083	1.515	1.374	.540	1.285	•	.836	.446
(PH) MCP Telemetry	7.528	.184	.024	.540	-1.499	.296	1.390	•	.666	.285
(SS) MCP Telemetry	3.502	.208	.052	.639	-.672	.360	.404	.360	.351	.217

Females

BN

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) BN Compiled	1.498	2.008	.335	36	.013	9.207	12	4.033	1.341	9.194	53.910
(OF) BN Compiled	2.498	3.032	.442	47	.042	12.326	1	9.191	1.214	12.284	117.396
(DF) BN Compiled	6.297	9.312	1.344	48	.202	58.208	0	86.713	1.479	58.006	302.268
(FP) BN Compiled	1.668	1.893	.325	34	.037	9.575	14	3.583	1.135	9.538	56.704
(TW) BN Compiled	3.488	5.458	.936	34	.022	22.602	14	29.789	1.565	22.580	118.605
(PH) BN Compiled	.755	.679	.160	18	.010	1.818	30	.461	.899	1.808	13.596
(SS) BN Compiled	.839	1.167	.213	30	.029	4.602	18	1.362	1.390	4.573	25.183
(M) BN Random	.898	1.031	.195	28	.004	3.154	20	1.063	1.149	3.150	25.135
(OF) BN Random	2.165	3.074	.512	36	.030	12.326	12	9.451	1.420	12.296	77.945
(DF) BN Random	5.064	10.122	1.664	37	.202	58.208	11	102.464	1.999	58.006	187.363
(FP) BN Random	1.622	2.236	.456	24	.037	9.575	24	4.999	1.379	9.538	38.925
(TW) BN Random	4.672	15.128	3.088	24	.004	74.548	24	228.857	3.238	74.544	112.133
(PH) BN Random	.669	.651	.196	11	.002	1.818	37	.423	.973	1.816	7.356
(SS) BN Random	.774	1.641	.376	19	.039	6.780	29	2.693	2.121	6.741	14.702
(M) BN Telemetry	2.061	2.752	.649	18	0.000	9.966	30	7.574	1.335	9.966	37.096
(OF) BN Telemetry	2.453	2.636	.527	25	0.000	10.249	23	6.947	1.074	10.249	61.325
(DF) BN Telemetry	6.287	6.415	1.283	25	0.000	23.805	23	41.146	1.020	23.805	157.186
(FP) BN Telemetry	1.516	1.323	.303	19	0.000	4.567	29	1.750	.873	4.567	28.805
(TW) BN Telemetry	4.011	5.475	1.256	19	0.000	20.699	29	29.972	1.365	20.699	76.201
(PH) BN Telemetry	.770	.707	.196	13	0.000	1.818	35	.500	.919	1.818	10.011
(SS) BN Telemetry	1.121	1.360	.321	18	0.000	4.567	30	1.849	1.213	4.567	20.175

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) BN Compiled	221.884	.545	.117	2.493	6.500	.973	1.964	•	1.113	.873
(OF) BN Compiled	716.001	1.225	.460	1.915	3.077	1.251	3.068	•	1.903	.870
(DF) BN Compiled	5978.959	3.093	1.428	3.880	18.370	3.614	6.685	•	4.675	2.607
(FP) BN Compiled	212.795	.860	.308	2.402	7.079	1.148	1.613	•	1.358	.800
(TW) BN Compiled	1396.767	1.310	.349	2.464	5.334	1.457	2.479	•	2.197	1.145
(PH) BN Compiled	18.115	.405	.113	.606	-1.217	.566	1.392	•	.736	.398
(SS) BN Compiled	60.635	.347	.142	2.023	3.204	.420	.772	•	.554	.330
(M) BN Random	51.263	.272	.042	.959	-.527	.495	1.284	2.725	.802	.465
(OF) BN Random	499.553	.939	.294	2.318	4.485	1.252	1.619	•	1.506	.785
(DF) BN Random	4637.489	2.121	1.068	4.262	19.101	2.077	3.906	•	2.843	1.291
(FP) BN Random	178.107	.641	.205	2.237	4.926	.741	1.783	•	1.183	.653
(TW) BN Random	5787.614	.643	.065	4.369	17.660	.931	2.102	•	1.210	.858
(PH) BN Random	9.151	.256	.018	.823	-.641	.426	.756	.767	.615	.341
(SS) BN Random	59.847	.246	.122	3.001	7.952	.251	.356	•	.464	.164
(M) BN Telemetry	205.215	•	•	1.922	2.674	1.172	1.897	•	1.696	.948
(OF) BN Telemetry	317.153	•	•	1.263	1.109	1.413	3.743	•	2.112	1.262
(DF) BN Telemetry	1975.810	•	•	1.202	.556	4.125	7.420	•	5.511	3.483
(FP) BN Telemetry	75.172	•	•	1.025	.291	1.207	1.647	•	1.426	.715
(TW) BN Telemetry	845.106	•	•	1.731	2.485	1.396	6.633	•	3.265	1.295
(PH) BN Telemetry	13.714	•	•	.515	-1.396	.469	1.475	1.818	.745	.355
(SS) BN Telemetry	54.051	•	•	1.419	.769	.585	1.254	•	.976	.455

Females

90 % Kernel

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) 90% Compiled	1.902	1.651	.279	35	.059	8.235	13	2.724	.868	8.176	66.564
(OF) 90% Compiled	3.554	5.815	.848	47	.056	28.155	1	33.810	1.636	28.099	167.032
(DF) 90% Compiled	7.977	11.997	1.732	48	.371	73.638	0	143.928	1.504	73.267	382.913
(FP) 90% Compiled	1.932	2.395	.394	37	.039	10.850	11	5.735	1.240	10.811	71.478
(TW) 90% Compiled	3.281	4.355	.736	35	.180	19.444	13	18.968	1.328	19.264	114.827
(PH) 90% Compiled	.827	.758	.190	16	.020	1.818	32	.575	.917	1.798	13.237
(SS) 90% Compiled	.869	1.220	.191	41	.023	6.103	7	1.489	1.404	6.080	35.617
(M) 90% Random	1.555	1.752	.344	26	.005	7.117	22	3.068	1.126	7.112	40.437
(OF) 90% Random	3.575	6.486	1.081	36	.024	28.155	12	42.073	1.815	28.131	128.683
(DF) 90% Random	6.614	12.662	2.082	37	.371	73.638	11	160.315	1.914	73.267	244.734
(FP) 90% Random	1.947	2.761	.531	27	.039	10.850	21	7.622	1.418	10.811	52.564
(TW) 90% Random	4.571	12.927	2.535	26	.117	66.198	22	167.103	2.828	66.081	118.846
(PH) 90% Random	.790	.726	.219	11	.011	1.818	37	.527	.919	1.807	8.691
(SS) 90% Random	.732	1.469	.264	31	.003	7.415	17	2.159	2.007	7.412	22.694
(M) 90% Telemetry	2.144	1.890	.445	18	.061	8.315	30	3.571	.882	8.254	38.586
(OF) 90% Telemetry	2.949	3.397	.693	24	.094	12.781	24	11.539	1.152	12.687	70.771
(DF) 90% Telemetry	8.626	9.502	1.940	24	.024	40.127	24	90.288	1.102	40.103	207.014
(FP) 90% Telemetry	1.786	1.399	.321	19	.065	4.899	29	1.956	.783	4.834	33.938
(TW) 90% Telemetry	3.396	4.120	.999	17	.060	12.937	31	16.975	1.213	12.877	57.731
(PH) 90% Telemetry	.826	.787	.249	10	.040	1.818	38	.619	.953	1.778	8.260
(SS) 90% Telemetry	1.293	1.435	.329	19	.025	5.422	29	2.058	1.109	5.397	24.566

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) 90% Compiled	219.217	1.159	.434	1.736	4.354	1.515	2.085	•	1.696	.847
(OF) 90% Compiled	2148.849	1.562	.644	3.232	10.418	1.705	2.972	•	2.255	1.258
(DF) 90% Compiled	9819.261	4.286	2.373	3.910	17.549	4.271	6.643	•	5.599	2.782
(FP) 90% Compiled	344.531	.958	.351	2.213	4.728	1.218	1.614	•	1.471	.884
(TW) 90% Compiled	1021.636	1.569	.826	2.159	4.492	1.607	4.192	•	2.364	1.212
(PH) 90% Compiled	19.578	.415	.149	.328	-1.690	.553	1.515	1.818	.814	.472
(SS) 90% Compiled	90.484	.377	.135	2.589	7.107	.532	.727	.036	.596	.367
(M) 90% Random	139.591	.597	.069	1.608	2.236	.966	2.040	•	1.290	.819
(OF) 90% Random	1932.528	1.344	.391	3.039	8.395	1.579	2.207	•	2.008	1.089
(DF) 90% Random	7390.111	3.179	1.868	4.368	19.873	3.043	5.352	•	3.952	1.986
(FP) 90% Random	300.501	.840	.313	2.055	3.196	.917	1.675	•	1.438	.665
(TW) 90% Random	4720.831	1.203	.608	4.415	18.507	.868	1.815	•	1.743	.610
(PH) 90% Random	12.140	.373	.085	.423	-1.423	.669	1.374	•	.762	.477
(SS) 90% Random	81.379	.247	.054	3.532	12.485	.292	.460	•	.344	.230
(M) 90% Telemetry	143.426	1.343	.513	1.899	4.390	1.909	2.019	•	1.888	1.010
(OF) 90% Telemetry	474.093	1.478	.614	1.775	2.551	1.823	3.745	•	2.294	1.388
(DF) 90% Telemetry	3862.240	4.266	.480	1.849	3.318	4.941	9.515	•	6.988	3.621
(FP) 90% Telemetry	95.833	1.102	.439	.667	-.365	1.846	1.906	•	1.704	1.094
(TW) 90% Telemetry	467.657	1.410	.478	1.200	.041	1.317	5.186	•	2.982	1.059
(PH) 90% Telemetry	12.398	.443	.203	.372	-1.771	.374	1.487	1.818	.800	.266
(SS) 90% Telemetry	68.803	.750	.284	1.746	2.078	.723	1.158	•	1.125	.335

Males

MCP

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) MCP Compiled	.170	.254	.054	22	.008	.845	25	.064	1.492	.837	3.742
(OF) MCP Compiled	.493	.573	.087	43	.002	2.624	4	.328	1.162	2.622	21.194
(DF) MCP Compiled	.826	.928	.137	46	.001	4.611	1	.861	1.123	4.610	38.004
(FP) MCP Compiled	.488	.447	.095	22	.003	1.678	25	.200	.916	1.675	10.735
(TW) MCP Compiled	.852	1.683	.595	8	.038	4.986	39	2.831	1.975	4.948	6.815
(PH0 MCP Compiled	.130	.248	.111	5	.003	.574	42	.062	1.911	.571	.650
(SS) MCP Compiled	.152	.150	.039	15	.009	.524	32	.022	.987	.515	2.277
(M) MCP Random	.177	.258	.056	21	.008	.845	26	.066	1.457	.837	3.715
(OF) MCP Random	.380	.392	.062	40	.002	1.631	7	.154	1.032	1.629	15.193
(DF) MCP Random	.730	.860	.134	41	.001	4.611	6	.740	1.179	4.610	29.915
(FP) MCP Random	.456	.479	.116	17	.003	1.678	30	.230	1.052	1.675	7.744
(TW) MCP Random	.937	1.793	.678	7	.038	4.986	40	3.216	1.914	4.948	6.559
(PH) MCP Random	.130	.248	.111	5	.003	.574	42	.062	1.911	.571	.650
(SS) MCP Random	.142	.154	.049	10	.020	.524	37	.024	1.082	.504	1.424
(M0 MCP Telemetry	.021	.012	.008	2	.013	.030	45	1.445E-4	.559	.017	.043
(OF) MCP Telemetryry	.598	.640	.202	10	.012	1.989	37	.410	1.071	1.977	5.975
(DF) MCP Telemetry	.783	.681	.205	11	.069	2.353	36	.464	.870	2.284	8.612
(FP) MCP Telemetry	.386	.287	.108	7	.121	.831	40	.082	.744	.710	2.700
(TW) MCP Telemetry	.071	.023	.016	2	.055	.087	45	.001	.319	.032	.142
(PH) MCP Telemetry	•	•	•	0	•	•	47	•	•	•	0.000
(SS) MCP Telemetry	.143	.082	.037	5	.022	.244	42	.007	.574	.222	.715

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) MCP Compiled	1.988	.051	.022	1.489	.915	.044	.336	•	.121	.033
(OF) MCP Compiled	24.225	.224	.046	1.946	3.897	.308	.583	•	.385	.259
(DF) MCP Compiled	70.148	.411	.038	2.305	6.102	.592	.976	.218	.657	.471
(FP) MCP Compiled	9.433	.223	.027	1.117	.603	.357	.535	•	.429	.248
(TW) MCP Compiled	25.622	.275	.137	2.204	2.979	.230	.450	•	.852	.167
(PH0 MCP Compiled	.331	.029	.010	1.491	.238	.029	.158	•	.130	.017
(SS) MCP Compiled	.660	.086	.043	1.232	.782	.120	.169	•	.134	.089
(M) MCP Random	1.987	.054	.024	1.421	.699	.040	.350	•	.126	.028
(OF) MCP Random	11.768	.196	.046	1.481	1.655	.282	.445	•	.311	.222
(DF) MCP Random	51.426	.330	.031	2.602	8.586	.535	.980	.218	.577	.443
(FP) MCP Random	7.202	.169	.021	1.281	.856	.317	.572	.005	.404	.270
(TW) MCP Random	25.442	.309	.147	2.004	2.085	.281	.356	•	.937	.152
(PH) MCP Random	.331	.029	.010	1.491	.238	.029	.158	•	.130	.017
(SS) MCP Random	.416	.087	.054	1.624	1.815	.092	.157	•	.110	.068
(M0 MCP Telemetry	.001	.020	.018	6.034E-16	-2.000	.021	.017	•	.021	.008
(OF) MCP Telemetryry	7.256	.303	.088	1.200	.218	.378	.719	•	.497	.239
(DF) MCP Telemetry	11.379	.480	.244	.991	.511	.549	.943	•	.688	.468
(FP) MCP Telemetry	1.535	.303	.243	.703	-1.155	.291	.489	•	.386	.148
(TW) MCP Telemetry	.011	.069	.067	-7.238E-16	-2.000	.071	.032	•	.071	.016
(PH) MCP Telemetry	0.000	•	•	•	•	•	•	•	•	•
(SS) MCP Telemetry	.129	.112	.071	-.352	-.783	.147	.102	•	.143	.035

Males

BN

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) BN Compiled	.548	.792	.147	29	.005	2.464	18	.627	1.446	2.459	15.887
(OF) BN Compiled	1.451	2.036	.304	45	.048	10.854	2	4.146	1.403	10.806	65.311
(DF) BN Compiled	2.843	3.694	.539	47	.033	21.550	0	13.647	1.299	21.517	133.631
(FP) BN Compiled	1.395	1.403	.286	24	.067	6.566	23	1.967	1.005	6.499	33.487
(TW) BN Compiled	1.769	6.693	1.366	24	.010	33.124	23	44.792	3.784	33.114	42.448
(PH) BN Compiled	.566	.537	.179	9	.005	1.389	38	.289	.950	1.384	5.091
(SS) BN Compiled	.274	.324	.058	31	.003	1.569	16	.105	1.180	1.566	8.500
(M) BN Random	.586	.808	.155	27	.010	2.464	20	.653	1.378	2.454	15.829
(OF) BN Random	1.163	1.273	.196	42	.060	7.347	5	1.621	1.095	7.287	48.850
(DF) BN Random	3.172	4.978	.759	43	.033	30.148	4	24.778	1.569	30.115	136.415
(FP) BN Random	1.499	1.571	.351	20	.067	6.566	27	2.469	1.048	6.499	29.990
(TW) BN Random	1.958	6.977	1.487	22	.010	33.124	25	48.674	3.563	33.114	43.078
(PH) BN Random	.525	.542	.181	9	.005	1.389	38	.293	1.032	1.384	4.724
(SS) BN Random	.306	.375	.074	26	.009	1.569	21	.141	1.229	1.560	7.947
(M) BN Telemetry	.011	.004	.002	3	.007	.014	44	1.433E-5	.334	.007	.034
(OF) BN Telemetry	1.120	1.005	.318	10	.040	3.607	37	1.010	.897	3.567	11.203
(DF) BN Telemetry	1.180	.668	.202	11	.260	2.014	36	.447	.567	1.754	12.978
(FP) BN Telemetry	.914	.532	.217	6	.325	1.791	41	.283	.582	1.466	5.486
(TW) BN Telemetry	.139	.096	.048	4	.008	.230	43	.009	.686	.222	.557
(PH) BN Telemetry	.062	.081	.057	2	.004	.119	45	.007	1.322	.115	.123
(SS) BN Telemetry	.210	.162	.057	8	.008	.441	39	.026	.772	.433	1.677

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) BN Compiled	26.268	.126	.034	1.319	.250	.070	.814	•	.446	.058
(OF) BN Compiled	277.223	.772	.359	3.163	10.328	.910	.918	•	1.009	.449
(DF) BN Compiled	1007.683	1.477	.536	3.248	12.730	1.843	2.902	•	2.125	1.375
(FP) BN Compiled	91.969	.912	.514	2.287	5.824	.967	1.095	•	1.164	.593
(TW) BN Compiled	1105.283	.220	.054	4.556	18.861	.325	.637	.010	.379	.289
(PH) BN Compiled	5.188	.189	.028	.435	-1.144	.571	.890	•	.566	.547
(SS) BN Compiled	5.472	.121	.034	2.192	6.184	.174	.445	•	.224	.155
(M) BN Random	26.248	.148	.043	1.216	-.022	.073	.989	•	.482	.061
(OF) BN Random	123.299	.721	.389	3.026	11.621	.821	.939	1.359	.951	.538
(DF) BN Random	1473.464	1.338	.394	3.975	18.382	1.843	3.281	•	2.179	1.565
(FP) BN Random	91.883	.893	.464	1.845	3.399	1.125	1.324	•	1.237	.656
(TW) BN Random	1106.514	.277	.067	4.332	16.869	.365	.623	•	.456	.322
(PH) BN Random	4.827	.173	.028	.649	-1.029	.309	.890	•	.525	.294
(SS) BN Random	5.954	.146	.064	1.930	3.558	.155	.445	•	.237	.120
(M) BN Telemetry	4.140E-4	.011	.010	-.652	-1.500	.013	.005	•	.011	.001
(OF) BN Telemetry	21.645	.737	.285	1.638	1.863	.753	.720	•	.945	.121
(DF) BN Telemetry	19.780	.957	.726	-.117	-1.528	1.081	1.233	•	1.189	.633
(FP) BN Telemetry	6.431	.782	.660	.523	-.696	.935	.647	•	.914	.324
(TW) BN Telemetry	.105	.082	.028	-.631	-1.036	.160	.135	•	.139	.047
(PH) BN Telemetry	.014	.022	.008	-2.139E-16	-2.000	.062	.115	•	.062	.058
(SS) BN Telemetry	.535	.128	.046	.312	-1.174	.218	.261	•	.210	.150

Males

90 % Kernel

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) 90% Compiled	1.146	.983	.225	19	.009	2.923	28	.965	.858	2.914	21.765
(OF) 90% Compiled	1.582	2.207	.322	47	.031	10.541	0	4.872	1.395	10.510	74.359
(DF) 90% Compiled	3.126	3.636	.530	47	.070	20.046	0	13.222	1.163	19.976	146.904
(FP) 90% Compiled	1.732	1.950	.382	26	.026	8.996	21	3.802	1.126	8.970	45.032
(TW) 90% Compiled	2.058	7.607	1.492	26	.006	39.206	21	57.869	3.697	39.200	53.506
(PH) 90% Compiled	.568	.519	.164	10	0.000	1.707	37	.269	.914	1.707	5.679
(SS) 90% Compiled	.342	.517	.089	34	.005	3.023	13	.268	1.514	3.018	11.618
(M) 90% Random	1.096	1.007	.231	19	.009	2.923	28	1.015	.920	2.914	20.816
(OF) 90% Random	1.545	2.008	.310	42	.122	10.541	5	4.031	1.300	10.419	64.885
(DF) 90% Random	3.274	3.884	.599	42	.018	20.046	5	15.088	1.186	20.028	137.501
(FP) 90% Random	1.927	2.145	.468	21	.026	8.996	26	4.602	1.113	8.970	40.462
(TW) 90% Random	2.489	8.234	1.755	22	.035	39.206	25	67.791	3.308	39.171	54.762
(PH) 90% Random	.639	.505	.168	9	.072	1.707	38	.255	.790	1.635	5.755
(SS) 90% Random	.358	.556	.103	29	.011	3.023	18	.309	1.552	3.012	10.389
(M) 90% Telemetry	1.030	•	•	1	1.030	1.030	46	•	•	0.000	1.030
(OF) 90% Telemetry	1.485	2.498	.721	12	.071	9.200	35	6.242	1.683	9.129	17.814
(DF) 90% Telemetry	1.622	1.359	.392	12	.216	5.034	35	1.846	.837	4.818	19.468
(FP) 90% Telemetry	1.112	1.041	.394	7	.303	3.274	40	1.084	.936	2.971	7.784
(TW) 90% Telemetry	.103	.145	.059	6	.002	.364	41	.021	1.401	.362	.620
(PH) 90% Telemetry	.085	.115	.081	2	.004	.166	45	.013	1.348	.162	.170
(SS) 90% Telemetry	.223	.159	.053	9	.011	.428	38	.025	.714	.417	2.004

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) 90% Compiled	42.311	.517	.100	.407	-1.077	1.125	1.670	•	1.108	.965
(OF) 90% Compiled	341.763	.796	.367	2.681	7.006	.754	1.633	•	1.091	.482
(DF) 90% Compiled	1067.355	1.759	.810	2.656	8.705	1.916	3.036	.926	2.465	1.270
(FP) 90% Compiled	173.051	.883	.262	2.205	5.543	1.085	2.099	•	1.406	.808
(TW) 90% Compiled	1556.848	.282	.057	4.739	20.659	.359	.650	.696	.531	.319
(PH) 90% Compiled	5.651	•	•	.950	.291	.478	.829	•	.497	.399
(SS) 90% Compiled	12.802	.165	.058	4.225	19.581	.200	.447	.555	.263	.165
(M) 90% Random	41.076	.469	.098	.480	-1.127	1.063	1.670	•	1.052	.903
(OF) 90% Random	265.502	.901	.571	2.971	9.570	.978	1.552	•	1.118	.628
(DF) 90% Random	1068.780	1.607	.377	2.387	6.806	1.955	3.030	•	2.546	1.443
(FP) 90% Random	170.001	.889	.227	1.837	3.623	.970	2.301	•	1.550	.927
(TW) 90% Random	1559.932	.496	.186	4.308	16.732	.499	.837	•	.715	.351
(PH) 90% Random	5.720	.435	.246	.906	.279	.534	.631	•	.639	.380
(SS) 90% Random	12.376	.166	.067	3.942	16.574	.204	.470	.555	.269	.172
(M) 90% Telemetry	1.061	1.030	1.030	•	•	1.030	0.000	1.030	1.030	0.000
(OF) 90% Telemetry	95.103	.676	.324	2.738	6.052	.713	.826	•	.854	.430
(DF) 90% Telemetry	51.890	1.095	.657	1.243	1.319	1.381	1.641	•	1.422	.877
(FP) 90% Telemetry	15.161	.809	.624	1.426	.766	.841	.968	•	1.112	.451
(TW) 90% Telemetry	.169	.026	.006	1.106	-.306	.035	.179	•	.103	.032
(PH) 90% Telemetry	.028	.026	.008	0.000	-2.000	.085	.162	•	.085	.081
(SS) 90% Telemetry	.648	.144	.061	.009	-1.461	.249	.308	•	.223	.167

Juveniles

MCP

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) MCP Compiled	.892	1.387	.694	4	.014	2.930	0	1.925	1.555	2.916	3.568
(OF) MCP Compiled	1.647	2.925	1.463	4	.136	6.034	0	8.556	1.776	5.898	6.587
(DF) MCP Compiled	2.161	2.500	1.250	4	.188	5.720	0	6.252	1.157	5.532	8.643
(FP) MCP Compiled	.667	.938	.663	2	.004	1.331	2	.880	1.406	1.327	1.335
(TW) MCP Compiled	4.088	5.759	4.072	2	.015	8.160	2	33.171	1.409	8.145	8.175
(PH0 MCP Compiled	•	•	•	0	•	•	4	•	•	•	0.000
(SS) MCP Compiled	.004	•	•	1	.004	.004	3	•	•	0.000	.004
(M) MCP Random	.610	•	•	1	.610	.610	3	•	•	0.000	.610
(OF) MCP Random	.118	.134	.095	2	.023	.213	2	.018	1.139	.190	.236
(DF) MCP Random	.380	.429	.303	2	.077	.683	2	.184	1.128	.606	.760
(FP) MCP Random	.004	•	•	1	.004	.004	3	•	•	0.000	.004
(TW) MCP Random	•	•	•	0	•	•	4	•	•	•	0.000
(PH) MCP Random	•	•	•	0	•	•	4	•	•	•	0.000
(SS) MCP Random	•	•	•	0	•	•	4	•	•	•	0.000
(M0 MCP Telemetry	.986	1.684	.972	3	.014	2.930	1	2.834	1.707	2.916	2.958
(OF) MCP Telemetry	2.251	3.280	1.894	3	.204	6.034	1	10.757	1.457	5.830	6.753
(DF) MCP Telemetry	2.527	2.863	1.653	3	.188	5.720	1	8.198	1.133	5.532	7.581
(FP) MCP Telemetry	1.331	•	•	1	1.331	1.331	3	•	•	0.000	1.331
(TW) MCP Telemetry	4.088	5.759	4.072	2	.015	8.160	2	33.171	1.409	8.145	8.175
(PH) MCP Telemetry	•	•	•	0	•	•	4	•	•	•	0.000
(SS) MCP Telemetry	.004	•	•	1	.004	.004	3	•	•	0.000	.004

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) MCP Compiled	8.957	.137	.028	1.022	-.787	.312	1.756	.014	.892	.298
(OF) MCP Compiled	36.515	.435	.234	1.154	-.667	.209	2.954	•	1.647	.039
(DF) MCP Compiled	37.431	1.108	.537	.842	-.949	1.368	3.450	•	2.161	.932
(FP) MCP Compiled	1.772	.073	.008	0.000	-2.000	.667	1.327	•	.667	.663
(TW) MCP Compiled	66.586	.350	.030	-3.156E-16	-2.000	4.088	8.145	•	4.088	4.072
(PH0 MCP Compiled	0.000	•	•	•	•	•	•	•	•	•
(SS) MCP Compiled	1.600E-5	.004	.004	•	•	.004	0.000	.004	.004	0.000
(M) MCP Random	.372	.610	.610	•	•	.610	0.000	.610	.610	0.000
(OF) MCP Random	.046	.070	.042	0.000	-2.000	.118	.190	•	.118	.095
(DF) MCP Random	.472	.229	.138	2.494E-16	-2.000	.380	.606	•	.380	.303
(FP) MCP Random	1.600E-5	.004	.004	•	•	.004	0.000	.004	.004	0.000
(TW) MCP Random	0.000	•	•	•	•	•	•	•	•	•
(PH) MCP Random	0.000	•	•	•	•	•	•	•	•	•
(SS) MCP Random	0.000	•	•	•	•	•	•	•	•	•
(M0 MCP Telemetry	8.585	.083	.021	.707	-1.500	.014	2.187	.014	.986	0.000
(OF) MCP Telemetry	36.716	.859	.428	.700	-1.500	.515	4.373	•	2.251	.311
(DF) MCP Telemetry	35.553	1.216	.492	.499	-1.500	1.673	4.149	•	2.527	1.485
(FP) MCP Telemetry	1.772	1.331	1.331	•	•	1.331	0.000	1.331	1.331	0.000
(TW) MCP Telemetry	66.586	.350	.030	-3.156E-16	-2.000	4.088	8.145	•	4.088	4.072
(PH) MCP Telemetry	0.000	•	•	•	•	•	•	•	•	•
(SS) MCP Telemetry	1.600E-5	.004	.004	•	•	.004	0.000	.004	.004	0.000

Juveniles

BN

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) BN Compiled	1.663	2.007	1.003	4	.014	4.089	0	4.028	1.207	4.075	6.651
(OF) BN Compiled	7.851	13.865	6.933	4	.443	28.630	0	192.240	1.766	28.187	31.403
(DF) BN Compiled	3.076	2.215	1.108	4	.451	5.747	0	4.908	.720	5.296	12.304
(FP) BN Compiled	.635	.283	.200	2	.435	.835	2	.080	.445	.400	1.270
(TW) BN Compiled	13.419	22.588	13.041	3	.112	39.500	1	510.222	1.683	39.388	40.258
(PH) BN Compiled	•	•	•	0	•	•	4	•	•	•	0.000
(SS) BN Compiled	.269	.074	.052	2	.216	.321	2	.006	.277	.105	.537
(M) BN Random	2.534	•	•	1	2.534	2.534	3	•	•	0.000	2.534
(OF) BN Random	.924	1.158	.819	2	.105	1.743	2	1.342	1.254	1.638	1.848
(DF) BN Random	2.008	2.314	1.636	2	.372	3.644	2	5.353	1.152	3.272	4.016
(FP) BN Random	.835	•	•	1	.835	.835	3	•	•	0.000	.835
(TW) BN Random	.112	•	•	1	.112	.112	3	•	•	0.000	.112
(PH) BN Random	•	•	•	0	•	•	4	•	•	•	0.000
(SS) BN Random	•	•	•	0	•	•	4	•	•	•	0.000
(M) BN Telemetry	1.372	2.353	1.358	3	.014	4.089	1	5.535	1.714	4.075	4.117
(OF) BN Telemetry	10.042	16.099	9.295	3	.587	28.630	1	259.170	1.603	28.043	30.125
(DF) BN Telemetry	2.778	2.706	1.562	3	.451	5.747	1	7.320	.974	5.296	8.335
(FP) BN Telemetry	.435	•	•	1	.435	.435	3	•	•	0.000	.435
(TW) BN Telemetry	20.150	27.366	19.351	2	.799	39.500	2	748.884	1.358	38.701	40.299
(PH) BN Telemetry	•	•	•	0	•	•	4	•	•	•	0.000
(SS) BN Telemetry	.311	.014	.010	2	.301	.321	2	2.000E-4	.045	.020	.622

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) BN Compiled	23.141	.212	.028	.285	-1.630	1.274	3.298	.014	1.663	1.260
(OF) BN Compiled	823.256	1.898	.875	1.149	-.671	1.165	14.671	•	7.851	.650
(DF) BN Compiled	52.572	2.196	1.302	.033	-1.180	3.053	3.239	•	3.076	1.597
(FP) BN Compiled	.886	.603	.572	-4.337E-16	-2.000	.635	.400	•	.635	.200
(TW) BN Compiled	1560.680	1.419	.286	.707	-1.500	.646	29.541	•	13.419	.534
(PH) BN Compiled	0.000	•	•	•	•	•	•	•	•	•
(SS) BN Compiled	.150	.263	.258	-8.429E-16	-2.000	.269	.105	•	.269	.053
(M) BN Random	6.421	2.534	2.534	•	•	2.534	0.000	2.534	2.534	0.000
(OF) BN Random	3.049	.428	.198	0.000	-2.000	.924	1.638	•	.924	.819
(DF) BN Random	13.417	1.164	.675	0.000	-2.000	2.008	3.272	•	2.008	1.636
(FP) BN Random	.697	.835	.835	•	•	.835	0.000	.835	.835	0.000
(TW) BN Random	.013	.112	.112	•	•	.112	0.000	.112	.112	0.000
(PH) BN Random	0.000	•	•	•	•	•	•	•	•	•
(SS) BN Random	0.000	•	•	•	•	•	•	•	•	•
(M) BN Telemetry	16.720	.093	.021	.707	-1.500	.014	3.056	.014	1.372	0.000
(OF) BN Telemetry	820.846	2.480	1.056	.707	-1.500	.908	21.032	•	10.042	.321
(DF) BN Telemetry	37.798	1.769	1.049	.411	-1.500	2.137	3.972	•	2.778	1.686
(FP) BN Telemetry	.189	.435	.435	•	•	.435	0.000	.435	.435	0.000
(TW) BN Telemetry	1560.888	5.618	1.566	0.000	-2.000	20.150	38.701	•	20.150	19.351
(PH) BN Telemetry	0.000	•	•	•	•	•	•	•	•	•
(SS) BN Telemetry	.194	.311	.311	0.000	-2.000	.311	.020	•	.311	.010

Juveniles

90 % Kernel

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) 90% Compiled	1.126	1.511	1.069	2	.058	2.195	2	2.283	1.341	2.137	2.253
(OF) 90% Compiled	1.257	.560	.396	2	.861	1.653	2	.314	.446	.792	2.514
(DF) 90% Compiled	14.123	23.490	11.745	4	1.154	49.315	0	551.786	1.663	48.161	56.492
(FP) 90% Compiled	1.106	•	•	1	1.106	1.106	3	•	•	0.000	1.106
(TW) 90% Compiled	.451	•	•	1	.451	.451	3	•	•	0.000	.451
(PH) 90% Compiled	•	•	•	0	•	•	4	•	•	•	0.000
(SS) 90% Compiled	.255	•	•	1	.255	.255	3	•	•	0.000	.255
(M) 90% Random	2.195	•	•	1	2.195	2.195	3	•	•	0.000	2.195
(OF) 90% Random	.901	1.063	.751	2	.150	1.653	2	1.130	1.179	1.503	1.803
(DF) 90% Random	2.244	2.409	1.704	2	.541	3.948	2	5.804	1.073	3.407	4.489
(FP) 90% Random	1.106	•	•	1	1.106	1.106	3	•	•	0.000	1.106
(TW) 90% Random	•	•	•	0	•	•	4	•	•	•	0.000
(PH) 90% Random	•	•	•	0	•	•	4	•	•	•	0.000
(SS) 90% Random	•	•	•	0	•	•	4	•	•	•	0.000
(M) 90% Telemetry	.855	1.420	.820	3	.013	2.494	1	2.015	1.660	2.481	2.565
(OF) 90% Telemetry	6.874	10.641	6.144	3	.552	19.159	1	113.229	1.548	18.607	20.621
(DF) 90% Telemetry	1.660	.927	.535	3	.590	2.232	1	.860	.559	1.642	4.979
(FP) 90% Telemetry	.117	•	•	1	.117	.117	3	•	•	0.000	.117
(TW) 90% Telemetry	12.996	17.526	12.392	2	.603	25.388	2	307.148	1.349	24.785	25.991
(PH) 90% Telemetry	•	•	•	0	•	•	4	•	•	•	0.000
(SS) 90% Telemetry	.401	•	•	1	.401	.401	3	•	•	0.000	.401

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) 90% Compiled	4.821	.357	.113	2.730E-16	-2.000	1.126	2.137	•	1.126	1.068
(OF) 90% Compiled	3.474	1.193	1.132	-7.822E-16	-2.000	1.257	.792	•	1.257	.396
(DF) 90% Compiled	2453.193	4.647	2.466	1.146	-.673	3.011	25.017	•	14.123	1.397
(FP) 90% Compiled	1.223	1.106	1.106	•	•	1.106	0.000	1.106	1.106	0.000
(TW) 90% Compiled	.203	.451	.451	•	•	.451	0.000	.451	.451	0.000
(PH) 90% Compiled	0.000	•	•	•	•	•	•	•	•	•
(SS) 90% Compiled	.065	.255	.255	•	•	.255	0.000	.255	.255	0.000
(M) 90% Random	4.818	2.195	2.195	•	•	2.195	0.000	2.195	2.195	0.000
(OF) 90% Random	2.755	.498	.275	1.962E-16	-2.000	.901	1.503	•	.901	.752
(DF) 90% Random	15.879	1.461	.952	0.000	-2.000	2.244	3.407	•	2.244	1.704
(FP) 90% Random	1.223	1.106	1.106	•	•	1.106	0.000	1.106	1.106	0.000
(TW) 90% Random	0.000	•	•	•	•	•	•	•	•	•
(PH) 90% Random	0.000	•	•	•	•	•	•	•	•	•
(SS) 90% Random	0.000	•	•	•	•	•	•	•	•	•
(M) 90% Telemetry	6.224	.123	.032	.706	-1.500	.058	1.861	•	.855	.045
(OF) 90% Telemetry	368.200	2.127	1.013	.706	-1.500	.910	13.955	•	6.874	.358
(DF) 90% Telemetry	9.983	1.416	1.151	-.702	-1.500	2.157	1.232	•	1.660	.075
(FP) 90% Telemetry	.014	.117	.117	•	•	.117	0.000	.117	.117	0.000
(TW) 90% Telemetry	644.914	3.913	1.178	-1.792E-16	-2.000	12.996	24.785	•	12.996	12.393
(PH) 90% Telemetry	0.000	•	•	•	•	•	•	•	•	•
(SS) 90% Telemetry	.161	.401	.401	•	•	.401	0.000	.401	.401	0.000

All

MCP

Descriptive Statistics

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) MCP Compiled	.545	1.053	.135	61	.006	6.862	39	1.108	1.931	6.856	33.261
(OF) MCP Compiled	.987	1.703	.179	91	.002	10.374	9	2.900	1.725	10.372	89.831
(DF) MCP Compiled	1.876	2.932	.296	98	.001	17.706	2	8.597	1.563	17.705	183.813
(FP) MCP Compiled	.859	1.236	.168	54	.003	7.379	46	1.529	1.439	7.376	46.406
(TW) MCP Compiled	1.096	1.942	.349	31	.004	8.160	69	3.772	1.773	8.156	33.967
(PH0 MCP Compiled	.375	.528	.128	17	.003	1.818	83	.278	1.407	1.815	6.374
(SS) MCP Compiled	1.971	10.278	1.690	37	.001	62.725	63	105.642	5.214	62.724	72.933
(M) MCP Random	.259	.362	.054	45	.006	1.514	55	.131	1.399	1.508	11.638
(OF) MCP Random	.550	.930	.109	73	.002	6.541	27	.865	1.693	6.539	40.115
(DF) MCP Random	1.032	1.891	.211	80	.001	13.478	20	3.575	1.832	13.477	82.575
(FP) MCP Random	.678	1.247	.202	38	.003	7.379	62	1.556	1.839	7.376	25.770
(TW) MCP Random	.831	1.598	.367	19	.004	5.475	81	2.554	1.923	5.471	15.795
(PH) MCP Random	.295	.536	.162	11	.003	1.818	89	.288	1.819	1.815	3.243
(SS) MCP Random	.232	.594	.124	23	.001	2.886	77	.353	2.562	2.885	5.333
(M0 MCP Telemetry	.997	1.581	.337	22	.006	6.862	78	2.499	1.585	6.856	21.944
(OF) MCP Telemetry	1.435	2.260	.372	37	.002	10.374	63	5.110	1.575	10.372	53.088
(DF) MCP Telemetry	2.831	3.666	.595	38	.003	17.706	62	13.436	1.295	17.703	107.575
(FP) MCP Telemetry	.897	1.041	.213	24	.121	4.970	76	1.084	1.161	4.849	21.518
(TW) MCP Telemetry	1.272	2.089	.507	17	.010	8.160	83	4.364	1.642	8.150	21.622
(PH) MCP Telemetry	.666	.754	.267	8	.004	1.800	92	.569	1.133	1.796	5.327
(SS) MCP Telemetry	.300	.280	.060	22	.004	.962	78	.078	.933	.958	6.606

Descriptive Statistics

	Sum Squares	Geom. Mean	Harm. Mean	Skewness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) MCP Compiled	84.618	.115	.030	4.062	20.031	.091	.605	•	.312	.083
(OF) MCP Compiled	349.702	.330	.073	3.196	11.411	.334	.909	•	.563	.290
(DF) MCP Compiled	1178.660	.692	.069	2.970	10.199	.758	1.687	•	1.209	.605
(FP) MCP Compiled	120.904	.334	.036	3.505	14.378	.453	.822	•	.619	.367
(TW) MCP Compiled	150.380	.288	.051	2.529	5.518	.494	.606	•	.577	.400
(PH0 MCP Compiled	6.845	.098	.020	1.606	1.580	.115	.529	•	.304	.112
(SS) MCP Compiled	3946.889	.115	.018	5.811	31.852	.182	.347	•	.205	.159
(M) MCP Random	8.770	.078	.029	1.652	2.296	.054	.471	.015	.192	.042
(OF) MCP Random	84.334	.235	.065	4.447	23.768	.268	.517	•	.367	.215
(DF) MCP Random	367.645	.412	.051	4.808	26.142	.581	.984	•	.658	.444
(FP) MCP Random	75.055	.207	.025	4.301	20.259	.346	.610	•	.446	.280
(TW) MCP Random	59.111	.182	.038	2.343	3.892	.264	.514	•	.607	.242
(PH) MCP Random	3.831	.073	.019	2.332	4.215	.037	.283	•	.158	.034
(SS) MCP Random	9.000	.051	.010	4.123	15.950	.044	.180	.321	.101	.040
(M0 MCP Telemetry	74.362	.227	.037	2.568	6.737	.488	1.239	.014	.674	.474
(OF) MCP Telemetry	260.114	.458	.051	2.375	5.466	.515	1.404	•	.981	.397
(DF) MCP Telemetry	801.666	1.094	.092	2.152	5.343	1.269	3.720	.123	2.244	1.092
(FP) MCP Telemetry	44.220	.577	.399	2.727	7.947	.652	.775	•	.697	.389
(TW) MCP Telemetry	97.326	.338	.067	2.390	5.135	.529	1.482	•	.897	.474
(PH) MCP Telemetry	7.528	.184	.024	.540	-1.499	.296	1.390	•	.666	.285
(SS) MCP Telemetry	3.631	.151	.035	1.029	.072	.211	.269	.360	.265	.169

All

BN

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) BN Compiled	1.108	1.657	.199	69	.005	9.207	31	2.744	1.495	9.202	76.448
(OF) BN Compiled	2.230	3.754	.383	96	.042	28.630	4	14.094	1.683	28.588	214.110
(DF) BN Compiled	4.527	7.150	.719	99	.033	58.208	1	51.123	1.579	58.175	448.203
(FP) BN Compiled	1.500	1.675	.215	61	.032	9.575	39	2.807	1.117	9.543	91.493
(TW) BN Compiled	3.300	7.526	.964	61	.010	39.500	39	56.639	2.280	39.490	201.311
(PH) BN Compiled	.692	.632	.122	27	.005	1.818	73	.399	.912	1.813	18.687
(SS) BN Compiled	.535	.872	.109	64	.003	4.602	36	.761	1.630	4.599	34.240
(M) BN Random	.777	.955	.128	56	.004	3.154	44	.912	1.229	3.150	43.498
(OF) BN Random	1.608	2.303	.257	80	.030	12.326	20	5.304	1.432	12.296	128.643
(DF) BN Random	3.997	7.709	.851	82	.033	58.208	18	59.432	1.929	58.175	327.794
(FP) BN Random	1.517	1.914	.282	46	.032	9.575	54	3.663	1.262	9.543	69.782
(TW) BN Random	3.305	11.778	1.718	47	.004	74.548	53	138.714	3.564	74.544	155.323
(PH) BN Random	.604	.593	.133	20	.002	1.818	80	.352	.982	1.816	12.080
(SS) BN Random	.493	1.102	.162	46	.009	6.780	54	1.214	2.236	6.771	22.669
(M) BN Telemetry	1.719	2.563	.523	24	0.000	9.966	76	6.567	1.491	9.966	41.247
(OF) BN Telemetry	2.701	4.883	.792	38	0.000	28.630	62	23.847	1.808	28.630	102.653
(DF) BN Telemetry	4.577	5.658	.906	39	0.000	23.805	61	32.011	1.236	23.805	178.499
(FP) BN Telemetry	1.336	1.190	.233	26	0.000	4.567	74	1.416	.891	4.567	34.726
(TW) BN Telemetry	4.682	8.799	1.760	25	0.000	39.500	75	77.417	1.879	39.500	117.057
(PH) BN Telemetry	.676	.701	.181	15	0.000	1.818	85	.492	1.038	1.818	10.134
(SS) BN Telemetry	.803	1.167	.220	28	0.000	4.567	72	1.361	1.453	4.567	22.474

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) BN Compiled	271.293	.279	.053	2.849	10.058	.495	1.563	.014	.803	.481
(OF) BN Compiled	1816.480	1.005	.414	4.374	24.768	1.033	1.651	•	1.415	.630
(DF) BN Compiled	7039.214	2.148	.796	4.815	30.906	2.342	3.967	•	3.135	1.626
(FP) BN Compiled	305.652	.824	.318	2.546	8.228	.970	1.324	•	1.186	.609
(TW) BN Compiled	4062.730	.652	.111	3.426	11.563	.714	1.852	.010	1.268	.632
(PH) BN Compiled	23.303	.314	.057	.660	-.955	.571	1.079	•	.654	.478
(SS) BN Compiled	66.257	.198	.054	3.075	9.771	.239	.487	•	.335	.201
(M) BN Random	83.933	.211	.044	1.058	-.299	.293	1.220	•	.645	.280
(OF) BN Random	625.901	.802	.332	3.171	10.543	.974	1.350	•	1.086	.637
(DF) BN Random	6124.371	1.642	.559	5.056	29.900	1.856	3.159	•	2.413	1.489
(FP) BN Random	270.688	.698	.239	2.326	5.990	.823	1.371	•	1.152	.663
(TW) BN Random	6894.141	.418	.067	5.222	27.666	.562	1.236	.734	.785	.485
(PH) BN Random	13.978	.214	.022	.829	-.511	.367	.790	.767	.529	.358
(SS) BN Random	65.801	.173	.075	4.599	22.285	.179	.420	.039	.254	.140
(M) BN Telemetry	221.935	•	•	2.067	3.624	.982	1.981	.014	1.165	.955
(OF) BN Telemetry	1159.644	•	•	4.179	19.270	.862	3.020	•	1.782	.715
(DF) BN Telemetry	2033.388	•	•	1.780	2.520	2.014	4.932	•	3.646	1.566
(FP) BN Telemetry	81.792	•	•	1.358	1.366	1.103	1.356	•	1.174	.672
(TW) BN Telemetry	2406.100	•	•	2.850	8.179	1.241	5.151	•	2.707	1.105
(PH) BN Telemetry	13.728	•	•	.717	-1.142	.408	1.310	1.818	.640	.325
(SS) BN Telemetry	54.779	•	•	2.075	3.280	.331	.510	•	.597	.231

All

90 % Kernel

	Mean	Std. Dev.	Std. Error	Count	Minimum	Maximum	# Missing	Variance	Coef. Var.	Range	Sum
(M) 90% Compiled	1.618	1.476	.197	56	.009	8.235	44	2.179	.913	8.226	90.582
(OF) 90% Compiled	2.541	4.442	.453	96	.031	28.155	4	19.731	1.748	28.124	243.905
(DF) 90% Compiled	5.863	10.001	1.000	100	.031	73.638	0	100.019	1.706	73.607	586.340
(FP) 90% Compiled	1.838	2.192	.274	64	.026	10.850	36	4.804	1.193	10.824	117.616
(TW) 90% Compiled	2.722	5.894	.749	62	.006	39.206	38	34.741	2.165	39.200	168.784
(PH) 90% Compiled	.728	.677	.133	26	0.000	1.818	74	.459	.931	1.818	18.916
(SS) 90% Compiled	.617	.987	.112	77	.005	6.103	23	.974	1.600	6.098	47.511
(M) 90% Random	1.379	1.476	.218	46	.005	7.117	54	2.177	1.070	7.112	63.448
(OF) 90% Random	2.442	4.671	.522	80	.024	28.155	20	21.819	1.913	28.131	195.371
(DF) 90% Random	4.717	9.061	1.001	82	.018	73.638	18	82.107	1.921	73.620	386.755
(FP) 90% Random	1.921	2.462	.352	49	.026	10.850	51	6.060	1.281	10.824	94.132
(TW) 90% Random	3.617	10.967	1.583	48	.035	66.198	52	120.273	3.032	66.163	173.608
(PH) 90% Random	.722	.625	.140	20	.011	1.818	80	.391	.865	1.807	14.446
(SS) 90% Random	.543	1.124	.144	61	.003	7.415	39	1.263	2.071	7.412	33.104
(M) 90% Telemetry	1.917	1.824	.389	22	.013	8.315	78	3.326	.951	8.302	42.181
(OF) 90% Telemetry	2.800	4.077	.653	39	.071	19.159	61	16.621	1.456	19.088	109.206
(DF) 90% Telemetry	5.935	8.192	1.312	39	.024	40.127	61	67.116	1.380	40.103	231.461
(FP) 90% Telemetry	1.550	1.333	.256	27	.065	4.899	73	1.776	.860	4.834	41.839
(TW) 90% Telemetry	3.374	5.874	1.175	25	.002	25.388	75	34.508	1.741	25.386	84.342
(PH) 90% Telemetry	.703	.769	.222	12	.004	1.818	88	.591	1.095	1.814	8.430
(SS) 90% Telemetry	.930	1.261	.234	29	.011	5.422	71	1.590	1.356	5.411	26.971

	Sum Squares	Geom. Mean	Harm. Mean	Skew ness	Kurtosis	Median	IQR	Mode	10% Tr. Mean	MAD
(M) 90% Compiled	266.350	.845	.195	1.814	5.553	1.372	1.877	•	1.437	.908
(OF) 90% Compiled	2494.086	1.116	.473	4.143	19.523	1.187	2.108	.362	1.546	.857
(DF) 90% Compiled	13339.810	2.693	.892	4.454	23.572	3.011	5.019	.926	3.789	2.058
(FP) 90% Compiled	518.806	.929	.311	2.291	5.471	1.152	1.674	•	1.393	.858
(TW) 90% Compiled	2578.687	.749	.124	4.464	22.900	.703	1.745	.696	1.391	.601
(PH) 90% Compiled	25.228	•	•	.605	-1.215	.486	1.461	1.818	.694	.407
(SS) 90% Compiled	103.351	.251	.082	3.336	12.719	.362	.501	.555	.378	.254
(M) 90% Random	185.485	.556	.081	1.718	3.616	1.039	2.019	•	1.149	.923
(OF) 90% Random	2200.785	1.063	.463	4.270	19.428	1.158	1.959	1.653	1.375	.803
(DF) 90% Random	8474.771	2.079	.496	5.855	39.957	2.474	4.442	•	3.045	1.689
(FP) 90% Random	471.726	.865	.273	2.079	3.837	.970	1.996	•	1.445	.765
(TW) 90% Random	6280.764	.801	.298	4.732	22.472	.703	1.633	•	1.181	.433
(PH) 90% Random	17.860	.400	.121	.660	-.875	.601	.829	•	.672	.396
(SS) 90% Random	93.755	.196	.058	4.512	22.469	.243	.472	•	.293	.210
(M) 90% Telemetry	150.710	.958	.168	1.923	4.891	1.770	2.345	•	1.683	1.113
(OF) 90% Telemetry	937.397	1.195	.493	2.438	5.882	1.068	2.558	•	1.973	.860
(DF) 90% Telemetry	3924.113	2.579	.550	2.497	6.703	2.613	5.092	•	4.405	1.722
(FP) 90% Telemetry	111.008	.936	.429	.896	-.047	1.177	1.898	•	1.416	.825
(TW) 90% Telemetry	1112.740	.587	.026	2.466	6.073	.827	3.450	•	2.191	.767
(PH) 90% Telemetry	12.425	.276	.039	.656	-1.463	.237	1.469	1.818	.661	.215
(SS) 90% Telemetry	69.612	.439	.134	2.316	4.757	.451	.677	•	.699	.272

Female Compiled Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Compiled, Some of (OF...	-.938	32	-2.317	.0271
Some of (M) MCP Compiled, Some of (DF...	-2.946	34	-4.381	.0001
Some of (M) MCP Compiled, Some of (FP...	-.334	20	-.635	.5328
Some of (M) MCP Compiled, Some of (T...	-.261	15	-.469	.6461
Some of (M) MCP Compiled, Some of (PH...	.498	7	.522	.6175
Some of (M) MCP Compiled, Some of (SS...	-3.589	14	-.850	.4096
Some of (OF) MCP Compiled, Some of (D...	-1.686	43	-4.348	<.0001
Some of (OF) MCP Compiled, Some of (F...	.756	25	1.699	.1018
Some of (OF) MCP Compiled, Some of (T...	.620	19	1.742	.0977
Some of (OF) MCP Compiled, Some of (P...	1.650	11	3.067	.0107
Some of (OF) MCP Compiled, Some of (S...	-1.699	18	-.542	.5948
Some of (DF) MCP Compiled, Some of (F...	2.771	28	4.200	.0002
Some of (DF) MCP Compiled, Some of (T...	2.815	20	3.376	.0030
Some of (DF) MCP Compiled, Some of (P...	4.506	11	3.168	.0089
Some of (DF) MCP Compiled, Some of (S...	.879	19	.352	.7288
Some of (FP) MCP Compiled, Some of (T...	-.345	10	-.506	.6239
Some of (FP) MCP Compiled, Some of (P...	.949	4	1.057	.3503
Some of (FP) MCP Compiled, Some of (S...	-4.704	11	-.973	.3514
Some of (TW) MCP Compiled, Some of (P...	.644	11	1.547	.1502
Some of (TW) MCP Compiled, Some of (S...	-4.240	12	-.909	.3815
Some of (PH0 MCP Compiled, Some of (S...	-7.122	8	-1.042	.3277

Female Random Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (OF)...	-.646	19	-1.844	.0808
Some of (M) MCP Random, Some of (DF)...	-1.598	22	-2.428	.0238
Some of (M) MCP Random, Some of (FP) ...	-.861	10	-1.341	.2095
Some of (M) MCP Random, Some of (TW...	-1.099	5	-1.193	.2865
Some of (M) MCP Random, Some of (PH)...	-1.052	1	-1.407	.3934
Some of (M) MCP Random, Some of (SS)...	-.530	4	-.883	.4270
Some of (OF) MCP Random, Some of (DF...	-.836	30	-3.024	.0051
Some of (OF) MCP Random, Some of (FP...	.204	14	.732	.4762
Some of (OF) MCP Random, Some of (T...	.125	10	.572	.5802
Some of (OF) MCP Random, Some of (PH...	.577	5	1.626	.1649
Some of (OF) MCP Random, Some of (S...	.374	10	3.026	.0128
Some of (DF) MCP Random, Some of (FP...	1.179	18	2.123	.0479
Some of (DF) MCP Random, Some of (T...	.782	11	2.191	.0509
Some of (DF) MCP Random, Some of (PH...	1.674	5	1.398	.2210
Some of (DF) MCP Random, Some of (SS...	1.180	11	2.280	.0436
Some of (FP) MCP Random, Some of (T...	-.759	5	-.759	.4821
Some of (FP) MCP Random, Some of (PH...	-.764	1	-.871	.5438
Some of (FP) MCP Random, Some of (SS...	-.396	4	-.676	.5362
Some of (TW) MCP Random, Some of (P...	.588	5	.944	.3887
Some of (TW) MCP Random, Some of (S...	.438	4	.792	.4725
Some of (PH) MCP Random, Some of (S...	-.511	2	-1.827	.2092

Female Telemetry Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M0 MCP Telemetry, Some of (OF) ...	-1.035	16	-1.512	.1500
Some of (M0 MCP Telemetry, Some of (DF) ...	-3.840	16	-3.616	.0023
Some of (M0 MCP Telemetry, Some of (FP) ...	.291	10	.386	.7075
Some of (M0 MCP Telemetry, Some of (TW)...	.336	9	.574	.5802
Some of (M0 MCP Telemetry, Some of (PH) ...	.955	5	.781	.4701
Some of (M0 MCP Telemetry, Some of (SS) ...	.912	11	1.619	.1338
Some of (OF) MCP Telemetryry, Some of (D...	-2.126	23	-3.453	.0022
Some of (OF) MCP Telemetryry, Some of (F...	1.054	15	1.543	.1436
Some of (OF) MCP Telemetryry, Some of (T...	.734	12	1.363	.1980
Some of (OF) MCP Telemetryry, Some of (P...	1.950	7	2.702	.0306
Some of (OF) MCP Telemetryry, Some of (S...	1.770	15	2.562	.0217
Some of (DF) MCP Telemetry, Some of (FP)...	3.797	15	3.991	.0012
Some of (DF) MCP Telemetry, Some of (TW...	3.791	12	3.010	.0109
Some of (DF) MCP Telemetry, Some of (PH)...	5.435	7	2.946	.0215
Some of (DF) MCP Telemetry, Some of (SS)...	4.415	15	4.051	.0010
Some of (FP) MCP Telemetry, Some of (TW...	-.477	6	-.674	.5256
Some of (FP) MCP Telemetry, Some of (PH)...	.849	3	.825	.4699
Some of (FP) MCP Telemetry, Some of (SS)...	.780	9	1.845	.0981
Some of (TW) MCP Telemetry, Some of (PH...	.639	7	1.808	.1135
Some of (TW) MCP Telemetry, Some of (SS...	.600	11	1.961	.0756
Some of (PH) MCP Telemetry, Some of (SS)...	.107	7	.569	.5874

Female Compiled Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Compiled, Some of (OF) ...	-1.507	34	-2.528	.0163
Some of (M) BN Compiled, Some of (DF) ...	-6.355	35	-3.720	.0007
Some of (M) BN Compiled, Some of (FP) ...	-.029	24	-.050	.9605
Some of (M) BN Compiled, Some of (TW)...	-2.086	30	-1.908	.0660
Some of (M) BN Compiled, Some of (PH) ...	.415	13	.655	.5236
Some of (M) BN Compiled, Some of (SS) ...	.660	21	1.142	.2661
Some of (OF) BN Compiled, Some of (DF...	-3.918	46	-3.644	.0007
Some of (OF) BN Compiled, Some of (FP)...	1.497	33	3.780	.0006
Some of (OF) BN Compiled, Some of (TW...	-.563	32	-.653	.5187
Some of (OF) BN Compiled, Some of (PH...	2.744	17	3.968	.0010
Some of (OF) BN Compiled, Some of (SS...	1.882	28	4.571	<.0001
Some of (DF) BN Compiled, Some of (FP)...	6.577	33	4.325	.0001
Some of (DF) BN Compiled, Some of (TW...	4.251	33	2.975	.0055
Some of (DF) BN Compiled, Some of (PH)...	9.190	17	2.954	.0089
Some of (DF) BN Compiled, Some of (SS...	7.038	29	3.730	.0008
Some of (FP) BN Compiled, Some of (TW...	-2.790	21	-2.201	.0391
Some of (FP) BN Compiled, Some of (PH)...	1.168	10	1.561	.1496
Some of (FP) BN Compiled, Some of (SS)...	.667	20	1.661	.1124
Some of (TW) BN Compiled, Some of (PH...	4.887	16	3.076	.0072
Some of (TW) BN Compiled, Some of (SS...	3.398	23	3.140	.0046
Some of (PH) BN Compiled, Some of (SS...	-.582	15	-2.453	.0269

Female Random Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Random, Some of (OF) ...	-1.771	26	-2.847	.0085
Some of (M) BN Random, Some of (DF) ...	-5.453	27	-2.589	.0153
Some of (M) BN Random, Some of (FP) B...	-.794	17	-1.372	.1880
Some of (M) BN Random, Some of (TW) ...	-4.336	20	-1.260	.2221
Some of (M) BN Random, Some of (PH) ...	-.362	7	-1.905	.0984
Some of (M) BN Random, Some of (SS) ...	-.605	10	-1.371	.2002
Some of (OF) BN Random, Some of (DF) ...	-3.019	35	-2.270	.0295
Some of (OF) BN Random, Some of (FP) ...	1.293	23	3.230	.0037
Some of (OF) BN Random, Some of (TW)...	-2.163	22	-.723	.4773
Some of (OF) BN Random, Some of (PH) ...	2.149	10	2.182	.0541
Some of (OF) BN Random, Some of (SS)...	1.267	17	2.629	.0176
Some of (DF) BN Random, Some of (FP) ...	5.553	23	2.700	.0128
Some of (DF) BN Random, Some of (TW)...	1.959	23	.662	.5147
Some of (DF) BN Random, Some of (PH) ...	8.554	10	1.661	.1276
Some of (DF) BN Random, Some of (SS) ...	5.447	18	1.891	.0749
Some of (FP) BN Random, Some of (TW)...	-5.651	12	-1.066	.3073
Some of (FP) BN Random, Some of (PH) ...	2.298	4	1.461	.2178
Some of (FP) BN Random, Some of (SS) ...	.587	10	1.002	.3400
Some of (TW) BN Random, Some of (PH)...	8.168	10	1.249	.2400
Some of (TW) BN Random, Some of (SS)...	6.252	13	1.308	.2136
Some of (PH) BN Random, Some of (SS) ...	-.816	8	-1.486	.1755

Female Telemetry Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Telemetry, Some of (OF) B...	-.875	17	-1.134	.2725
Some of (M) BN Telemetry, Some of (DF) B...	-5.809	17	-3.708	.0017
Some of (M) BN Telemetry, Some of (FP) B...	.740	13	.980	.3448
Some of (M) BN Telemetry, Some of (TW) B...	-1.780	15	-1.189	.2531
Some of (M) BN Telemetry, Some of (PH) B...	.944	9	1.145	.2816
Some of (M) BN Telemetry, Some of (SS) B...	1.229	14	1.465	.1651
Some of (OF) BN Telemetry, Some of (DF) ...	-3.834	24	-3.970	.0006
Some of (OF) BN Telemetry, Some of (FP) ...	1.499	18	2.692	.0149
Some of (OF) BN Telemetry, Some of (TW) ...	-1.209	18	-1.200	.2457
Some of (OF) BN Telemetry, Some of (PH) ...	2.843	12	4.280	.0011
Some of (OF) BN Telemetry, Some of (SS) ...	2.028	17	3.875	.0012
Some of (DF) BN Telemetry, Some of (FP) B...	6.268	18	4.724	.0002
Some of (DF) BN Telemetry, Some of (TW) ...	3.061	18	3.223	.0047
Some of (DF) BN Telemetry, Some of (PH) ...	7.439	12	4.014	.0017
Some of (DF) BN Telemetry, Some of (SS) ...	6.933	17	4.942	.0001
Some of (FP) BN Telemetry, Some of (TW) ...	-3.736	13	-2.588	.0225
Some of (FP) BN Telemetry, Some of (PH) B...	.372	10	.988	.3467
Some of (FP) BN Telemetry, Some of (SS) ...	.272	13	.553	.5896
Some of (TW) BN Telemetry, Some of (PH) ...	4.920	11	2.937	.0135
Some of (TW) BN Telemetry, Some of (SS) ...	3.173	16	2.973	.0090
Some of (PH) BN Telemetry, Some of (SS) ...	-.697	11	-2.413	.0344

Female Compiled Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Compiled, Some of (OF) 90...	-2.459	34	-2.349	.0248
Some of (M) 90% Compiled, Some of (DF) 90...	-8.186	34	-3.739	.0007
Some of (M) 90% Compiled, Some of (FP) 90...	-.106	27	-.218	.8291
Some of (M) 90% Compiled, Some of (TW) 90...	-1.658	28	-2.085	.0463
Some of (M) 90% Compiled, Some of (PH) 90...	1.395	10	1.889	.0883
Some of (M) 90% Compiled, Some of (SS) 90...	.932	29	2.752	.0101
Some of (OF) 90% Compiled, Some of (DF) 90...	-4.583	46	-3.701	.0006
Some of (OF) 90% Compiled, Some of (FP) 90...	2.415	35	3.190	.0030
Some of (OF) 90% Compiled, Some of (TW) 9...	1.119	34	1.059	.2973
Some of (OF) 90% Compiled, Some of (PH) 90...	3.882	15	2.372	.0315
Some of (OF) 90% Compiled, Some of (SS) 90...	3.017	39	3.170	.0030
Some of (DF) 90% Compiled, Some of (FP) 90...	7.872	36	4.213	.0002
Some of (DF) 90% Compiled, Some of (TW) 9...	6.735	34	3.386	.0018
Some of (DF) 90% Compiled, Some of (PH) 90...	12.357	15	2.652	.0181
Some of (DF) 90% Compiled, Some of (SS) 90...	7.924	40	4.127	.0002
Some of (FP) 90% Compiled, Some of (TW) 90...	-1.441	25	-1.587	.1252
Some of (FP) 90% Compiled, Some of (PH) 90...	1.268	10	1.380	.1975
Some of (FP) 90% Compiled, Some of (SS) 90...	1.022	32	2.173	.0373
Some of (TW) 90% Compiled, Some of (PH) 9...	4.416	14	3.287	.0054
Some of (TW) 90% Compiled, Some of (SS) 9...	2.158	33	3.674	.0008
Some of (PH) 90% Compiled, Some of (SS) 90...	-.894	14	-2.683	.0178

Female Random Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Random, Some of (OF) 9...	-2.827	25	-2.165	.0401
Some of (M) 90% Random, Some of (DF) 9...	-6.827	25	-2.502	.0192
Some of (M) 90% Random, Some of (FP) 90...	-.384	17	-.614	.5473
Some of (M) 90% Random, Some of (TW) 9...	-4.217	18	-1.360	.1907
Some of (M) 90% Random, Some of (PH) 9...	1.018	5	1.090	.3255
Some of (M) 90% Random, Some of (SS) 9...	.723	19	2.280	.0343
Some of (OF) 90% Random, Some of (DF) ...	-3.210	35	-2.270	.0295
Some of (OF) 90% Random, Some of (FP) 9...	2.677	25	2.863	.0084
Some of (OF) 90% Random, Some of (TW) ...	-.186	25	-.078	.9382
Some of (OF) 90% Random, Some of (PH) ...	4.193	10	1.735	.1134
Some of (OF) 90% Random, Some of (SS) ...	3.125	29	2.598	.0146
Some of (DF) 90% Random, Some of (FP) 9...	6.569	26	2.793	.0097
Some of (DF) 90% Random, Some of (TW) ...	3.832	25	1.402	.1733
Some of (DF) 90% Random, Some of (PH) 9...	11.229	10	1.710	.1181
Some of (DF) 90% Random, Some of (SS) ...	6.598	30	2.842	.0080
Some of (FP) 90% Random, Some of (TW) ...	-3.897	16	-1.097	.2889
Some of (FP) 90% Random, Some of (PH) 9...	2.253	5	1.376	.2273
Some of (FP) 90% Random, Some of (SS) 9...	1.226	22	2.204	.0383
Some of (TW) 90% Random, Some of (PH) ...	7.719	10	1.337	.2108
Some of (TW) 90% Random, Some of (SS) ...	3.862	24	1.648	.1123
Some of (PH) 90% Random, Some of (SS) ...	-.740	10	-1.365	.2022

Female Telemetry Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Telemetry, Some of (OF) 9...	-1.548	17	-1.779	.0932
Some of (M) 90% Telemetry, Some of (DF) 9...	-8.729	17	-3.959	.0010
Some of (M) 90% Telemetry, Some of (FP) 9...	.367	14	.723	.4814
Some of (M) 90% Telemetry, Some of (TW) 9...	-1.468	14	-1.404	.1821
Some of (M) 90% Telemetry, Some of (PH) 9...	1.689	7	1.695	.1339
Some of (M) 90% Telemetry, Some of (SS) 9...	.759	14	1.210	.2463
Some of (OF) 90% Telemetry, Some of (DF) ...	-5.677	23	-3.854	.0008
Some of (OF) 90% Telemetry, Some of (FP) ...	1.673	18	2.173	.0434
Some of (OF) 90% Telemetry, Some of (TW) ...	.170	16	.130	.8982
Some of (OF) 90% Telemetry, Some of (PH) ...	3.377	9	3.525	.0065
Some of (OF) 90% Telemetry, Some of (SS) ...	1.930	18	2.530	.0210
Some of (DF) 90% Telemetry, Some of (FP) ...	8.597	18	4.167	.0006
Some of (DF) 90% Telemetry, Some of (TW) ...	6.846	16	2.853	.0115
Some of (DF) 90% Telemetry, Some of (PH) ...	11.793	9	3.138	.0120
Some of (DF) 90% Telemetry, Some of (SS) ...	8.116	18	3.814	.0013
Some of (FP) 90% Telemetry, Some of (TW) ...	-1.822	11	-1.303	.2192
Some of (FP) 90% Telemetry, Some of (PH) ...	.811	7	1.472	.1846
Some of (FP) 90% Telemetry, Some of (SS) ...	.341	13	.613	.5507
Some of (TW) 90% Telemetry, Some of (PH) ...	4.184	8	2.940	.0187
Some of (TW) 90% Telemetry, Some of (SS) ...	1.988	16	2.711	.0154
Some of (PH) 90% Telemetry, Some of (SS) ...	-1.290	8	-3.530	.0077

Male Compiled Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Compiled, Some of (OF) ...	-.329	19	-2.550	.0196
Some of (M) MCP Compiled, Some of (DF) M...	-.992	21	-4.060	.0006
Some of (M) MCP Compiled, Some of (FP) M...	-.252	9	-1.250	.2428
Some of (M) MCP Compiled, Some of (TW) ...	-1.147	4	-1.329	.2547
Some of (M) MCP Compiled, Some of (PH0 ...	-.021	0	•	•
Some of (M) MCP Compiled, Some of (SS) ...	-.094	6	-1.697	.1407
Some of (OF) MCP Compiled, Some of (DF) ...	-.360	41	-2.837	.0071
Some of (OF) MCP Compiled, Some of (FP) ...	.108	19	.763	.4546
Some of (OF) MCP Compiled, Some of (TW)...	-.359	6	-.625	.5549
Some of (OF) MCP Compiled, Some of (PH0 ...	.308	4	1.416	.2298
Some of (OF) MCP Compiled, Some of (SS) ...	.279	13	2.787	.0154
Some of (DF) MCP Compiled, Some of (FP) ...	.403	20	2.470	.0226
Some of (DF) MCP Compiled, Some of (TW) ...	.430	7	1.351	.2188
Some of (DF) MCP Compiled, Some of (PH0 ...	.491	4	1.283	.2688
Some of (DF) MCP Compiled, Some of (SS) ...	.852	14	2.879	.0121
Some of (FP) MCP Compiled, Some of (TW) ...	•	•	•	•
Some of (FP) MCP Compiled, Some of (PH0 ...	•	•	•	•
Some of (FP) MCP Compiled, Some of (SS) ...	.387	4	2.114	.1020
Some of (TW) MCP Compiled, Some of (PH0...	-.064	1	-.277	.8282
Some of (TW) MCP Compiled, Some of (SS)...	.706	6	1.121	.3052
Some of (PH0 MCP Compiled, Some of (SS) ...	-.146	2	-2.851	.1041

Male Random Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (OF) M...	-.254	18	-2.542	.0204
Some of (M) MCP Random, Some of (DF) M...	-.850	20	-3.909	.0009
Some of (M) MCP Random, Some of (FP) M...	-.219	8	-1.012	.3413
Some of (M) MCP Random, Some of (TW) M...	-1.113	4	-1.280	.2696
Some of (M) MCP Random, Some of (PH) M...	-.021	0	•	•
Some of (M) MCP Random, Some of (SS) M...	-.056	5	-1.945	.1094
Some of (OF) MCP Random, Some of (DF) ...	-.361	37	-3.264	.0024
Some of (OF) MCP Random, Some of (FP) ...	-.041	15	-.347	.7334
Some of (OF) MCP Random, Some of (TW) ...	-.526	5	-.804	.4577
Some of (OF) MCP Random, Some of (PH) ...	.308	4	1.416	.2298
Some of (OF) MCP Random, Some of (SS) ...	.237	8	1.937	.0887
Some of (DF) MCP Random, Some of (FP) M...	.338	14	2.207	.0445
Some of (DF) MCP Random, Some of (TW) ...	.325	6	1.170	.2866
Some of (DF) MCP Random, Some of (PH) ...	.491	4	1.283	.2688
Some of (DF) MCP Random, Some of (SS) ...	.809	9	1.978	.0793
Some of (FP) MCP Random, Some of (TW) ...	•	•	•	•
Some of (FP) MCP Random, Some of (PH) ...	•	•	•	•
Some of (FP) MCP Random, Some of (SS) ...	.910	0	•	•
Some of (TW) MCP Random, Some of (PH) ...	-.064	1	-.277	.8282
Some of (TW) MCP Random, Some of (SS) ...	.865	5	1.195	.2858
Some of (PH) MCP Random, Some of (SS) ...	-.146	2	-2.851	.1041

Male Telemetry Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M0 MCP Telemetry, Some of (OF) ...	-.897	1	-1.994	.2959
Some of (M0 MCP Telemetry, Some of (DF) M...	-1.730	1	-2.833	.2160
Some of (M0 MCP Telemetry, Some of (FP) M...	•	•	•	•
Some of (M0 MCP Telemetry, Some of (TW) ...	-.042	0	•	•
Some of (M0 MCP Telemetry, Some of (PH) M...	•	•	•	•
Some of (M0 MCP Telemetry, Some of (SS) ...	-.231	0	•	•
Some of (OF) MCP Telemetryry, Some of (DF...	-.209	9	-.661	.5252
Some of (OF) MCP Telemetryry, Some of (FP...	.176	5	.700	.5153
Some of (OF) MCP Telemetryry, Some of (T...	.240	1	1.455	.3834
Some of (OF) MCP Telemetryry, Some of (PH...	•	•	•	•
Some of (OF) MCP Telemetryry, Some of (SS...	.219	4	1.415	.2300
Some of (DF) MCP Telemetry, Some of (FP) ...	.317	6	1.602	.1602
Some of (DF) MCP Telemetry, Some of (TW) ...	1.140	1	.984	.5050
Some of (DF) MCP Telemetry, Some of (PH) ...	•	•	•	•
Some of (DF) MCP Telemetry, Some of (SS) ...	.912	4	2.404	.0741
Some of (FP) MCP Telemetry, Some of (TW) ...	•	•	•	•
Some of (FP) MCP Telemetry, Some of (PH) ...	•	•	•	•
Some of (FP) MCP Telemetry, Some of (SS) ...	.265	2	1.168	.3632
Some of (TW) MCP Telemetry, Some of (PH) ...	•	•	•	•
Some of (TW) MCP Telemetry, Some of (SS) ...	-.142	1	-3.021	.2035
Some of (PH) MCP Telemetry, Some of (SS) ...	•	•	•	•

Male Compiled Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Compiled, Some of (OF) ...	-1.106	27	-3.056	.0050
Some of (M) BN Compiled, Some of (DF) ...	-3.493	28	-4.904	<.0001
Some of (M) BN Compiled, Some of (FP) ...	-.910	15	-2.937	.0102
Some of (M) BN Compiled, Some of (TW)...	-1.877	16	-1.029	.3186
Some of (M) BN Compiled, Some of (PH) ...	-.637	4	-2.995	.0401
Some of (M) BN Compiled, Some of (SS) ...	.165	21	1.003	.3273
Some of (OF) BN Compiled, Some of (DF...	-1.338	44	-3.594	.0008
Some of (OF) BN Compiled, Some of (FP)...	.625	21	1.754	.0939
Some of (OF) BN Compiled, Some of (TW...	-.342	23	-.352	.7281
Some of (OF) BN Compiled, Some of (PH...	1.151	8	3.976	.0041
Some of (OF) BN Compiled, Some of (SS...	1.303	28	3.348	.0023
Some of (DF) BN Compiled, Some of (FP)...	2.727	23	3.861	.0008
Some of (DF) BN Compiled, Some of (TW...	1.361	23	1.802	.0847
Some of (DF) BN Compiled, Some of (PH)...	1.999	8	4.226	.0029
Some of (DF) BN Compiled, Some of (SS...	2.850	30	4.126	.0003
Some of (FP) BN Compiled, Some of (TW...	-2.625	7	-.763	.4706
Some of (FP) BN Compiled, Some of (PH)...	-.358	2	-1.305	.3218
Some of (FP) BN Compiled, Some of (SS)...	1.199	13	3.250	.0063
Some of (TW) BN Compiled, Some of (PH...	-.152	7	-1.255	.2499
Some of (TW) BN Compiled, Some of (SS...	1.565	21	1.094	.2865
Some of (PH) BN Compiled, Some of (SS...	.211	8	1.255	.2450

Male Random Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Random, Some of (OF) ...	-.863	25	-3.206	.0037
Some of (M) BN Random, Some of (DF) ...	-4.039	26	-3.882	.0006
Some of (M) BN Random, Some of (FP) B...	-1.031	13	-2.657	.0198
Some of (M) BN Random, Some of (TW) ...	-1.920	16	-1.054	.3075
Some of (M) BN Random, Some of (PH) ...	-.565	4	-2.502	.0666
Some of (M) BN Random, Some of (SS) ...	.173	19	.928	.3649
Some of (OF) BN Random, Some of (DF) ...	-1.918	41	-2.755	.0087
Some of (OF) BN Random, Some of (FP) ...	.024	18	.066	.9478
Some of (OF) BN Random, Some of (TW)...	-.747	21	-.515	.6119
Some of (OF) BN Random, Some of (PH) ...	1.318	8	3.395	.0094
Some of (OF) BN Random, Some of (SS)...	1.099	24	3.610	.0014
Some of (DF) BN Random, Some of (FP) ...	3.614	19	3.076	.0062
Some of (DF) BN Random, Some of (TW)...	1.974	21	3.164	.0047
Some of (DF) BN Random, Some of (PH) ...	2.410	8	3.118	.0143
Some of (DF) BN Random, Some of (SS) ...	3.546	25	3.198	.0037
Some of (FP) BN Random, Some of (TW)...	-2.795	6	-.701	.5096
Some of (FP) BN Random, Some of (PH) ...	.541	2	.463	.6889
Some of (FP) BN Random, Some of (SS) ...	1.683	8	3.194	.0127
Some of (TW) BN Random, Some of (PH)...	-.040	7	-.215	.8356
Some of (TW) BN Random, Some of (SS)...	1.763	19	1.122	.2758
Some of (PH) BN Random, Some of (SS) ...	.115	8	.561	.5900

Male Telemetry Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Telemetry, Some of (OF) ...	-1.132	2	-2.907	.1008
Some of (M) BN Telemetry, Some of (DF) ...	-1.626	2	-5.771	.0287
Some of (M) BN Telemetry, Some of (FP) ...	-1.061	0	•	•
Some of (M) BN Telemetry, Some of (TW) ...	-.193	1	-8.042	.0788
Some of (M) BN Telemetry, Some of (PH) ...	-.105	0	•	•
Some of (M) BN Telemetry, Some of (SS) ...	-.237	2	-2.312	.1470
Some of (OF) BN Telemetry, Some of (DF)...	-.088	9	-.216	.8336
Some of (OF) BN Telemetry, Some of (FP)...	.123	4	.289	.7872
Some of (OF) BN Telemetry, Some of (TW...	.708	3	1.944	.1471
Some of (OF) BN Telemetry, Some of (PH)...	1.224	1	2.103	.2826
Some of (OF) BN Telemetry, Some of (SS)...	.535	6	2.283	.0625
Some of (DF) BN Telemetry, Some of (FP) ...	.231	5	.680	.5266
Some of (DF) BN Telemetry, Some of (TW...	1.116	3	2.999	.0577
Some of (DF) BN Telemetry, Some of (PH)...	1.107	1	1.403	.3942
Some of (DF) BN Telemetry, Some of (SS)...	1.112	7	4.979	.0016
Some of (FP) BN Telemetry, Some of (TW)...	.317	0	•	•
Some of (FP) BN Telemetry, Some of (PH) ...	•	•	•	•
Some of (FP) BN Telemetry, Some of (SS)...	.582	4	2.820	.0478
Some of (TW) BN Telemetry, Some of (PH...	.098	1	2.882	.2126
Some of (TW) BN Telemetry, Some of (SS...	-.191	3	-2.259	.1090
Some of (PH) BN Telemetry, Some of (SS)...	-.164	1	-2.689	.2267

Male Compiled Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Compiled, Some of (OF) 9...	-1.337	18	-2.158	.0447
Some of (M) 90% Compiled, Some of (DF) 9...	-3.879	18	-4.026	.0008
Some of (M) 90% Compiled, Some of (FP) 9...	-.969	10	-1.432	.1828
Some of (M) 90% Compiled, Some of (TW) ...	-2.767	11	-.889	.3929
Some of (M) 90% Compiled, Some of (PH) 9...	.656	1	.519	.6952
Some of (M) 90% Compiled, Some of (SS) 9...	.704	15	2.645	.0184
Some of (OF) 90% Compiled, Some of (DF) ...	-1.544	46	-4.579	<.0001
Some of (OF) 90% Compiled, Some of (FP) ...	.422	25	1.206	.2391
Some of (OF) 90% Compiled, Some of (TW)...	-.454	25	-.385	.7036
Some of (OF) 90% Compiled, Some of (PH) ...	2.046	9	2.159	.0592
Some of (OF) 90% Compiled, Some of (SS) ...	1.481	33	3.771	.0006
Some of (DF) 90% Compiled, Some of (FP) ...	2.646	25	5.055	<.0001
Some of (DF) 90% Compiled, Some of (TW)...	1.273	25	1.347	.1902
Some of (DF) 90% Compiled, Some of (PH) ...	3.643	9	2.000	.0766
Some of (DF) 90% Compiled, Some of (SS) ...	3.118	33	5.355	<.0001
Some of (FP) 90% Compiled, Some of (TW) ...	-2.035	10	-.717	.4898
Some of (FP) 90% Compiled, Some of (PH) ...	1.826	3	.811	.4767
Some of (FP) 90% Compiled, Some of (SS) ...	1.432	17	3.978	.0010
Some of (TW) 90% Compiled, Some of (PH)...	4.064	9	1.055	.3187
Some of (TW) 90% Compiled, Some of (SS)...	1.642	25	1.184	.2475
Some of (PH) 90% Compiled, Some of (SS) ...	-.076	9	-.246	.8109

Male Random Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Random, Some of (OF) 90...	-1.172	18	-2.247	.0374
Some of (M) 90% Random, Some of (DF) 90...	-4.139	18	-4.195	.0005
Some of (M) 90% Random, Some of (FP) 90...	-1.101	10	-1.565	.1486
Some of (M) 90% Random, Some of (TW) 90...	-2.682	12	-.937	.3673
Some of (M) 90% Random, Some of (PH) 90...	.330	2	.413	.7194
Some of (M) 90% Random, Some of (SS) 90...	.601	15	2.183	.0453
Some of (OF) 90% Random, Some of (DF) 9...	-1.729	41	-4.946	<.0001
Some of (OF) 90% Random, Some of (FP) 90...	.246	20	.777	.4464
Some of (OF) 90% Random, Some of (TW) 9...	-.578	21	-.414	.6830
Some of (OF) 90% Random, Some of (PH) 9...	2.217	8	2.120	.0669
Some of (OF) 90% Random, Some of (SS) 9...	1.467	28	4.016	.0004
Some of (DF) 90% Random, Some of (FP) 90...	3.080	20	4.977	<.0001
Some of (DF) 90% Random, Some of (TW) 9...	1.296	21	1.139	.2674
Some of (DF) 90% Random, Some of (PH) 90...	4.343	8	2.132	.0656
Some of (DF) 90% Random, Some of (SS) 9...	3.398	28	4.972	<.0001
Some of (FP) 90% Random, Some of (TW) 9...	-2.870	7	-.728	.4900
Some of (FP) 90% Random, Some of (PH) 90...	2.341	3	1.049	.3710
Some of (FP) 90% Random, Some of (SS) 90...	1.711	12	3.627	.0035
Some of (TW) 90% Random, Some of (PH) 9...	4.529	8	1.060	.3202
Some of (TW) 90% Random, Some of (SS) 9...	2.048	21	1.255	.2232
Some of (PH) 90% Random, Some of (SS) 9...	-.054	8	-.157	.8791

Male Telemetry Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Telemetry, Some of (OF) ...	-8.170	0	•	•
Some of (M) 90% Telemetry, Some of (DF) ...	-4.004	0	•	•
Some of (M) 90% Telemetry, Some of (FP) ...	-2.244	0	•	•
Some of (M) 90% Telemetry, Some of (TW) ...	•	•	•	•
Some of (M) 90% Telemetry, Some of (PH) ...	•	•	•	•
Some of (M) 90% Telemetry, Some of (SS) ...	.981	0	•	•
Some of (OF) 90% Telemetry, Some of (DF)...	-.138	11	-.308	.7638
Some of (OF) 90% Telemetry, Some of (FP)...	.598	6	.669	.5285
Some of (OF) 90% Telemetry, Some of (TW...	.760	5	2.267	.0727
Some of (OF) 90% Telemetry, Some of (PH)...	1.330	1	2.009	.2940
Some of (OF) 90% Telemetry, Some of (SS...	1.435	8	1.455	.1838
Some of (DF) 90% Telemetry, Some of (FP)...	.721	6	3.068	.0220
Some of (DF) 90% Telemetry, Some of (TW...	1.290	5	3.791	.0127
Some of (DF) 90% Telemetry, Some of (PH)...	1.350	1	1.231	.4344
Some of (DF) 90% Telemetry, Some of (SS)...	1.725	8	3.577	.0072
Some of (FP) 90% Telemetry, Some of (TW...	.368	1	4.658	.1346
Some of (FP) 90% Telemetry, Some of (PH)...	•	•	•	•
Some of (FP) 90% Telemetry, Some of (SS)...	1.073	5	2.276	.0719
Some of (TW) 90% Telemetry, Some of (PH...	.033	1	.232	.8550
Some of (TW) 90% Telemetry, Some of (SS...	-.171	4	-2.144	.0987
Some of (PH) 90% Telemetry, Some of (SS)...	-.224	1	-7.610	.0832

All Compiled Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) MCP Compiled, (DF) MCP Compiled	-2.131	60	-5.153	<.0001
(M) MCP Compiled, (OF) MCP Compiled	-.712	56	-2.904	.0053
(M) MCP Compiled, (FP) MCP Compiled	-.222	32	-.648	.5218
(M) MCP Compiled, (TW) MCP Compiled	-.658	22	-1.385	.1799
(M) MCP Compiled, (PH0 MCP Compiled	.440	8	.523	.6154
(M) MCP Compiled, (SS) MCP Compiled	-2.369	22	-.863	.3972
(DF) MCP Compiled, (OF) MCP Compiled	1.015	89	4.829	<.0001
(DF) MCP Compiled, (FP) MCP Compiled	1.806	51	4.428	<.0001
(DF) MCP Compiled, (TW) MCP Compiled	2.005	30	3.263	.0028
(DF) MCP Compiled, (PH0 MCP Compiled	3.325	16	3.034	.0079
(DF) MCP Compiled, (SS) MCP Compiled	.900	35	.653	.5178
(OF) MCP Compiled, (FP) MCP Compiled	.557	47	2.099	.0412
(OF) MCP Compiled, (TW) MCP Compiled	.272	28	.907	.3723
(OF) MCP Compiled, (PH0 MCP Compiled	1.256	16	3.069	.0073
(OF) MCP Compiled, (SS) MCP Compiled	-.831	33	-.477	.6363
(FP) MCP Compiled, (TW) MCP Compiled	-.885	11	-1.074	.3058
(FP) MCP Compiled, (PH0 MCP Compiled	.949	4	1.057	.3503
(FP) MCP Compiled, (SS) MCP Compiled	-3.029	17	-.939	.3611
(TW) MCP Compiled, (PH0 MCP Compiled	.543	13	1.500	.1575
(TW) MCP Compiled, (SS) MCP Compiled	-2.389	20	-.824	.4197
(PH0 MCP Compiled, (SS) MCP Compiled	-5.378	11	-1.049	.3168

All Random Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) MCP Random, (OF) MCP Random	-.434	39	-2.370	.0228
(M) MCP Random, (DF) MCP Random	-1.215	44	-3.443	.0013
(M) MCP Random, (FP) MCP Random	-.516	20	-1.465	.1584
(M) MCP Random, (TW) MCP Random	-1.105	10	-1.820	.0988
(M) MCP Random, (PH) MCP Random	-.708	2	-1.284	.3279
(M) MCP Random, (SS) MCP Random	-.271	10	-1.017	.3332
(OF) MCP Random, (DF) MCP Random	-.565	70	-4.148	<.0001
(OF) MCP Random, (FP) MCP Random	.081	31	.572	.5716
(OF) MCP Random, (TW) MCP Random	-.105	16	-.390	.7017
(OF) MCP Random, (PH) MCP Random	.455	10	2.150	.0570
(OF) MCP Random, (SS) MCP Random	.313	19	3.606	.0019
(DF) MCP Random, (FP) MCP Random	.804	34	2.572	.0147
(DF) MCP Random, (TW) MCP Random	.613	18	2.477	.0234
(DF) MCP Random, (PH) MCP Random	1.136	10	1.689	.1220
(DF) MCP Random, (SS) MCP Random	1.011	21	3.039	.0062
(FP) MCP Random, (TW) MCP Random	-.759	5	-.759	.4821
(FP) MCP Random, (PH) MCP Random	-.764	1	-.871	.5438
(FP) MCP Random, (SS) MCP Random	-.153	6	-.345	.7421
(TW) MCP Random, (PH) MCP Random	.425	7	.904	.3962
(TW) MCP Random, (SS) MCP Random	.671	10	1.489	.1674
(PH) MCP Random, (SS) MCP Random	-.329	5	-2.172	.0819

All Telemetry Habitat Usage within MCP Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) BN Telemetry, (OF) BN Telemetry	-1.881	23	-1.648	.1129
(M) BN Telemetry, (DF) BN Telemetry	-4.736	23	-3.848	.0008
(M) BN Telemetry, (FP) BN Telemetry	.809	15	1.168	.2611
(M) BN Telemetry, (TW) BN Telemetry	-3.253	19	-1.570	.1330
(M) BN Telemetry, (PH) BN Telemetry	.849	10	1.129	.2852
(M) BN Telemetry, (SS) BN Telemetry	1.060	19	1.621	.1215
(OF) BN Telemetry, (DF) BN Telemetry	-1.972	37	-2.036	.0490
(OF) BN Telemetry, (FP) BN Telemetry	2.292	24	1.965	.0611
(OF) BN Telemetry, (TW) BN Telemetry	-1.236	24	-1.414	.1702
(OF) BN Telemetry, (PH) BN Telemetry	2.627	14	4.424	.0006
(OF) BN Telemetry, (SS) BN Telemetry	2.562	26	2.420	.0228
(DF) BN Telemetry, (FP) BN Telemetry	4.838	25	4.439	.0002
(DF) BN Telemetry, (TW) BN Telemetry	1.208	24	.740	.4663
(DF) BN Telemetry, (PH) BN Telemetry	6.595	14	3.881	.0017
(DF) BN Telemetry, (SS) BN Telemetry	5.034	27	4.883	<.0001
(FP) BN Telemetry, (TW) BN Telemetry	-5.691	15	-2.216	.0426
(FP) BN Telemetry, (PH) BN Telemetry	.372	10	.988	.3467
(FP) BN Telemetry, (SS) BN Telemetry	.342	19	.989	.3350
(TW) BN Telemetry, (PH) BN Telemetry	4.231	13	2.818	.0145
(TW) BN Telemetry, (SS) BN Telemetry	4.037	22	2.241	.0354
(PH) BN Telemetry, (SS) BN Telemetry	-.621	13	-2.469	.0282

All Compiled Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) BN Compiled, (OF) BN Compiled	-1.619	66	-3.301	.0016
(M) BN Compiled, (DF) BN Compiled	-4.865	68	-5.099	<.0001
(M) BN Compiled, (FP) BN Compiled	-.231	42	-.618	.5398
(M) BN Compiled, (TW) BN Compiled	-2.553	50	-2.301	.0256
(M) BN Compiled, (PH) BN Compiled	.138	18	.289	.7758
(M) BN Compiled, (SS) BN Compiled	.472	45	1.597	.1173
(OF) BN Compiled, (DF) BN Compiled	-2.346	95	-3.746	.0003
(OF) BN Compiled, (FP) BN Compiled	1.617	57	2.994	.0041
(OF) BN Compiled, (TW) BN Compiled	-.604	59	-.953	.3443
(OF) BN Compiled, (PH) BN Compiled	2.213	26	4.529	.0001
(OF) BN Compiled, (SS) BN Compiled	2.015	59	3.848	.0003
(DF) BN Compiled, (FP) BN Compiled	4.953	59	5.308	<.0001
(DF) BN Compiled, (TW) BN Compiled	2.439	60	2.317	.0240
(DF) BN Compiled, (PH) BN Compiled	6.793	26	3.139	.0042
(DF) BN Compiled, (SS) BN Compiled	4.876	62	4.933	<.0001
(FP) BN Compiled, (TW) BN Compiled	-3.773	31	-2.285	.0293
(FP) BN Compiled, (PH) BN Compiled	.841	13	1.381	.1907
(FP) BN Compiled, (SS) BN Compiled	.835	36	3.110	.0036
(TW) BN Compiled, (PH) BN Compiled	3.275	24	2.792	.0101
(TW) BN Compiled, (SS) BN Compiled	3.241	47	2.832	.0068
(PH) BN Compiled, (SS) BN Compiled	-.297	24	-1.658	.1104

All Random Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) BN Random, (OF) BN Random	-1.287	53	-3.765	.0004
(M) BN Random, (DF) BN Random	-4.694	55	-4.041	.0002
(M) BN Random, (FP) BN Random	-.819	32	-2.274	.0298
(M) BN Random, (TW) BN Random	-3.109	38	-1.551	.1293
(M) BN Random, (PH) BN Random	-.440	12	-3.088	.0094
(M) BN Random, (SS) BN Random	-.103	30	-.506	.6167
(OF) BN Random, (DF) BN Random	-2.393	79	-3.421	.0010
(OF) BN Random, (FP) BN Random	.736	43	2.621	.0121
(OF) BN Random, (TW) BN Random	-1.404	45	-.858	.3952
(OF) BN Random, (PH) BN Random	1.775	19	3.146	.0053
(OF) BN Random, (SS) BN Random	1.169	42	4.410	<.0001
(DF) BN Random, (FP) BN Random	4.630	44	3.823	.0004
(DF) BN Random, (TW) BN Random	1.999	46	1.312	.1959
(DF) BN Random, (PH) BN Random	5.789	19	2.012	.0586
(DF) BN Random, (SS) BN Random	4.349	44	3.191	.0026
(FP) BN Random, (TW) BN Random	-4.395	20	-1.260	.2223
(FP) BN Random, (PH) BN Random	1.639	7	1.540	.1675
(FP) BN Random, (SS) BN Random	1.030	20	2.620	.0164
(TW) BN Random, (PH) BN Random	4.712	18	1.230	.2344
(TW) BN Random, (SS) BN Random	3.612	33	1.667	.1049
(PH) BN Random, (SS) BN Random	-.351	17	-1.146	.2678

All Telemetry Habitat Usage within BN Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) BN Telemetry, (OF) BN Telemetry	-1.881	23	-1.648	.1129
(M) BN Telemetry, (DF) BN Telemetry	-4.736	23	-3.848	.0008
(M) BN Telemetry, (FP) BN Telemetry	.809	15	1.168	.2611
(M) BN Telemetry, (TW) BN Telemetry	-3.253	19	-1.570	.1330
(M) BN Telemetry, (PH) BN Telemetry	.849	10	1.129	.2852
(M) BN Telemetry, (SS) BN Telemetry	1.060	19	1.621	.1215
(OF) BN Telemetry, (DF) BN Telemetry	-1.972	37	-2.036	.0490
(OF) BN Telemetry, (FP) BN Telemetry	2.292	24	1.965	.0611
(OF) BN Telemetry, (TW) BN Telemetry	-1.236	24	-1.414	.1702
(OF) BN Telemetry, (PH) BN Telemetry	2.627	14	4.424	.0006
(OF) BN Telemetry, (SS) BN Telemetry	2.562	26	2.420	.0228
(DF) BN Telemetry, (FP) BN Telemetry	4.838	25	4.439	.0002
(DF) BN Telemetry, (TW) BN Telemetry	1.208	24	.740	.4663
(DF) BN Telemetry, (PH) BN Telemetry	6.595	14	3.881	.0017
(DF) BN Telemetry, (SS) BN Telemetry	5.034	27	4.883	<.0001
(FP) BN Telemetry, (TW) BN Telemetry	-5.691	15	-2.216	.0426
(FP) BN Telemetry, (PH) BN Telemetry	.372	10	.988	.3467
(FP) BN Telemetry, (SS) BN Telemetry	.342	19	.989	.3350
(TW) BN Telemetry, (PH) BN Telemetry	4.231	13	2.818	.0145
(TW) BN Telemetry, (SS) BN Telemetry	4.037	22	2.241	.0354
(PH) BN Telemetry, (SS) BN Telemetry	-.621	13	-2.469	.0282

All Compiled Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) 90% Compiled, (OF) 90% Compiled	-1.995	55	-2.899	.0054
(M) 90% Compiled, (DF) 90% Compiled	-6.500	55	-4.546	<.0001
(M) 90% Compiled, (FP) 90% Compiled	-.314	39	-.803	.4268
(M) 90% Compiled, (TW) 90% Compiled	-1.944	41	-1.900	.0645
(M) 90% Compiled, (PH) 90% Compiled	1.281	12	1.998	.0689
(M) 90% Compiled, (SS) 90% Compiled	.830	46	3.548	.0009
(OF) 90% Compiled, (DF) 90% Compiled	-3.036	95	-4.715	<.0001
(OF) 90% Compiled, (FP) 90% Compiled	1.563	62	3.326	.0015
(OF) 90% Compiled, (TW) 90% Compiled	.448	61	.578	.5653
(OF) 90% Compiled, (PH) 90% Compiled	3.176	25	2.968	.0065
(OF) 90% Compiled, (SS) 90% Compiled	2.289	74	4.219	<.0001
(DF) 90% Compiled, (FP) 90% Compiled	5.671	63	4.968	<.0001
(DF) 90% Compiled, (TW) 90% Compiled	4.362	61	3.540	.0008
(DF) 90% Compiled, (PH) 90% Compiled	9.006	25	2.970	.0065
(DF) 90% Compiled, (SS) 90% Compiled	5.620	76	5.174	<.0001
(FP) 90% Compiled, (TW) 90% Compiled	-1.618	36	-1.564	.1266
(FP) 90% Compiled, (PH) 90% Compiled	1.417	14	1.652	.1209
(FP) 90% Compiled, (SS) 90% Compiled	1.166	50	3.552	.0008
(TW) 90% Compiled, (PH) 90% Compiled	4.276	24	2.529	.0184
(TW) 90% Compiled, (SS) 90% Compiled	1.906	60	2.843	.0061
(PH) 90% Compiled, (SS) 90% Compiled	-.567	24	-2.316	.0294

All Random Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) 90% Random, (OF) 90% Random	-2.070	45	-2.676	.0104
(M) 90% Random, (DF) 90% Random	-5.607	45	-3.515	.0010
(M) 90% Random, (FP) 90% Random	-.598	29	-1.312	.1997
(M) 90% Random, (TW) 90% Random	-3.593	31	-1.671	.1047
(M) 90% Random, (PH) 90% Random	.789	8	1.203	.2633
(M) 90% Random, (SS) 90% Random	.669	35	3.157	.0033
(OF) 90% Random, (DF) 90% Random	-2.386	79	-3.599	.0006
(OF) 90% Random, (FP) 90% Random	1.569	47	2.858	.0063
(OF) 90% Random, (TW) 90% Random	-.366	47	-.257	.7979
(OF) 90% Random, (PH) 90% Random	3.304	19	2.367	.0287
(OF) 90% Random, (SS) 90% Random	2.310	58	3.602	.0007
(DF) 90% Random, (FP) 90% Random	4.998	48	3.743	.0005
(DF) 90% Random, (TW) 90% Random	2.670	47	1.705	.0948
(DF) 90% Random, (PH) 90% Random	8.130	19	2.181	.0419
(DF) 90% Random, (SS) 90% Random	4.969	60	4.028	.0002
(FP) 90% Random, (TW) 90% Random	-3.569	24	-1.332	.1955
(FP) 90% Random, (PH) 90% Random	2.288	9	1.834	.0999
(FP) 90% Random, (SS) 90% Random	1.401	35	3.578	.0010
(TW) 90% Random, (PH) 90% Random	6.284	19	1.727	.1004
(TW) 90% Random, (SS) 90% Random	3.013	46	2.074	.0437
(PH) 90% Random, (SS) 90% Random	-.431	19	-1.279	.2163

All Telemetry Habitat Usage within 90% Kernel Home Range

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) 90% Telemetry, (OF) 90% Telemetry	-2.459	21	-2.394	.0261
(M) 90% Telemetry, (DF) 90% Telemetry	-7.434	21	-3.916	.0008
(M) 90% Telemetry, (FP) 90% Telemetry	.332	16	.679	.5068
(M) 90% Telemetry, (TW) 90% Telemetry	-2.674	16	-1.711	.1065
(M) 90% Telemetry, (PH) 90% Telemetry	1.689	7	1.695	.1339
(M) 90% Telemetry, (SS) 90% Telemetry	.707	16	1.274	.2209
(OF) 90% Telemetry, (DF) 90% Telemetry	-3.135	38	-2.765	.0087
(OF) 90% Telemetry, (FP) 90% Telemetry	2.037	26	2.318	.0286
(OF) 90% Telemetry, (TW) 90% Telemetry	.061	24	.066	.9476
(OF) 90% Telemetry, (PH) 90% Telemetry	3.036	11	3.668	.0037
(OF) 90% Telemetry, (SS) 90% Telemetry	1.727	28	2.984	.0058
(DF) 90% Telemetry, (FP) 90% Telemetry	6.312	26	3.949	.0005
(DF) 90% Telemetry, (TW) 90% Telemetry	4.101	24	2.010	.0558
(DF) 90% Telemetry, (PH) 90% Telemetry	10.052	11	3.028	.0115
(DF) 90% Telemetry, (SS) 90% Telemetry	5.916	28	3.939	.0005
(FP) 90% Telemetry, (TW) 90% Telemetry	-3.093	14	-1.591	.1338
(FP) 90% Telemetry, (PH) 90% Telemetry	.811	7	1.472	.1846
(FP) 90% Telemetry, (SS) 90% Telemetry	.560	19	1.352	.1921
(TW) 90% Telemetry, (PH) 90% Telemetry	3.429	10	2.727	.0213
(TW) 90% Telemetry, (SS) 90% Telemetry	1.441	22	2.516	.0197
(PH) 90% Telemetry, (SS) 90% Telemetry	-1.096	10	-3.395	.0068

Female Compiled Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Compiled, Some of (M) BN Co...	-.822	33	-3.617	.0010
Some of (M) MCP Compiled, Some of (M) 90% C...	-1.193	33	-5.697	<.0001
Some of (M) BN Compiled, Some of (M) 90% Co...	-.362	34	-1.303	.2013

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Compiled, Some of (OF) B...	-1.252	43	-3.422	.0014
Some of (OF) MCP Compiled, Some of (OF) 9...	-2.369	43	-2.955	.0051
Some of (OF) BN Compiled, Some of (OF) 90...	-1.076	45	-1.961	.0560

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Compiled, Some of (DF) BN ...	-3.440	47	-3.514	.0010
Some of (DF) MCP Compiled, Some of (DF) 90...	-5.120	47	-3.767	.0005
Some of (DF) BN Compiled, Some of (DF) 90% ...	-1.680	47	-2.648	.0110

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Compiled, Some of (FP) BN ...	-.781	27	-4.970	<.0001
Some of (FP) MCP Compiled, Some of (FP) 90...	-1.309	26	-4.193	.0003
Some of (FP) BN Compiled, Some of (FP) 90%...	-.431	32	-2.664	.0120

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Compiled, Some of (TW) BN...	-3.433	19	-2.923	.0087
Some of (TW) MCP Compiled, Some of (TW) 90...	-3.089	19	-3.878	.0010
Some of (TW) BN Compiled, Some of (TW) 90%...	.147	31	.320	.7509

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH0 MCP Compiled, Some of (PH) B...	-.377	10	-2.726	.0214
Some of (PH0 MCP Compiled, Some of (PH) 90...	-.546	9	-2.939	.0165
Some of (PH) BN Compiled, Some of (PH) 90%...	-.001	15	-.013	.9901

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Compiled, Some of (SS) B...	2.526	19	.861	.3998
Some of (SS) MCP Compiled, Some of (SS) 90...	2.339	19	.750	.4625
Some of (SS) BN Compiled, Some of (SS) 90...	-.248	29	-1.097	.2817

Female Random Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (M) BN ...	-.771	22	-4.716	.0001
Some of (M) MCP Random, Some of (M) 90...	-1.476	21	-4.206	.0004
Some of (M) BN Random, Some of (M) 90%...	-.615	24	-2.818	.0095

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Random, Some of (OF) B...	-1.701	30	-4.126	.0003
Some of (OF) MCP Random, Some of (OF) 9...	-3.327	30	-3.181	.0034
Some of (OF) BN Random, Some of (OF) 90...	-1.446	34	-2.074	.0457

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Random, Some of (DF) BN R..	-3.661	36	-2.894	.0064
Some of (DF) MCP Random, Some of (DF) 90% ...	-5.212	36	-3.107	.0037
Some of (DF) BN Random, Some of (DF) 90% R..	-1.551	36	-3.001	.0049

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Random, Some of (FP) BN Ra...	-1.081	18	-3.620	.0020
Some of (FP) MCP Random, Some of (FP) 90% R..	-1.691	18	-3.528	.0024
Some of (FP) BN Random, Some of (FP) 90% Ra...	-.510	23	-2.413	.0242

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Random, Some of (TW) BN Ra...	-6.540	11	-1.150	.2747
Some of (TW) MCP Random, Some of (TW) 90% R..	-6.580	11	-1.329	.2109
Some of (TW) BN Random, Some of (TW) 90% Ra...	-.249	22	-.530	.6012

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) MCP Random, Some of (PH) B...	-.324	5	-3.099	.0269
Some of (PH) MCP Random, Some of (PH) 9...	-.572	5	-2.222	.0769
Some of (PH) BN Random, Some of (PH) 90...	-.134	9	-.947	.3683

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Random, Some of (SS) BN...	-.562	10	-1.656	.1288
Some of (SS) MCP Random, Some of (SS) 90...	-.729	10	-1.892	.0878
Some of (SS) BN Random, Some of (SS) 90%...	-.276	18	-1.587	.1299

Female Telemetry Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M0 MCP Telemetry, Some of (M) BN T...	-1.068	16	-2.192	.0436
Some of (M0 MCP Telemetry, Some of (M) 90% ...	-1.125	16	-3.435	.0034
Some of (M) BN Telemetry, Some of (M) 90% T...	-.057	16	-.097	.9237

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Telemetryry, Some of (OF) B...	-.874	23	-2.236	.0353
Some of (OF) MCP Telemetryry, Some of (OF) 90...	-1.267	23	-2.140	.0432
Some of (OF) BN Telemetry, Some of (OF) 90% ...	-.394	23	-1.143	.2646

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Telemetry, Some of (DF) BN ...	-2.742	23	-4.168	.0004
Some of (DF) MCP Telemetry, Some of (DF) 90...	-4.818	23	-3.650	.0013
Some of (DF) BN Telemetry, Some of (DF) 90% ...	-2.076	23	-1.946	.0640

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Telemetry, Some of (FP) BN Tel...	-.665	15	-3.266	.0052
Some of (FP) MCP Telemetry, Some of (FP) 90% T...	-1.038	14	-3.897	.0016
Some of (FP) BN Telemetry, Some of (FP) 90% Tel...	-.295	16	-2.497	.0238

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Telemetry, Some of (TW) B...	-4.363	12	-2.968	.0117
Some of (TW) MCP Telemetry, Some of (TW) 90...	-3.330	12	-3.655	.0033
Some of (TW) BN Telemetry, Some of (TW) 90...	1.082	15	1.232	.2371

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) MCP Telemetry, Some of (PH) BN ...	-.352	7	-2.034	.0814
Some of (PH) MCP Telemetry, Some of (PH) 90...	-.395	6	-2.339	.0580
Some of (PH) BN Telemetry, Some of (PH) 90%...	.119	9	1.424	.1881

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Telemetry, Some of (SS) BN Tele...	-.928	14	-3.128	.0074
Some of (SS) MCP Telemetry, Some of (SS) 90% Tel...	-1.059	15	-3.326	.0046
Some of (SS) BN Telemetry, Some of (SS) 90% Tele...	-.216	15	-1.393	.1840

Male Compiled Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Compiled, Some of (M) BN Co...	-.473	21	-3.519	.0020
Some of (M) MCP Compiled, Some of (M) 90% C...	-.907	14	-4.352	.0007
Some of (M) BN Compiled, Some of (M) 90% Co...	-.283	17	-3.022	.0077

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Compiled, Some of (OF) BN C...	-1.030	41	-3.894	.0004
Some of (OF) MCP Compiled, Some of (OF) 90% ...	-1.205	42	-4.224	.0001
Some of (OF) BN Compiled, Some of (OF) 90% C...	-.171	44	-1.791	.0801

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Compiled, Some of (DF) BN...	-2.078	45	-4.564	<.0001
Some of (DF) MCP Compiled, Some of (DF) 90...	-2.363	45	-5.206	<.0001
Some of (DF) BN Compiled, Some of (DF) 90%...	-.282	46	-2.018	.0495

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Compiled, Some of (FP) BN Co...	-.759	19	-4.865	.0001
Some of (FP) MCP Compiled, Some of (FP) 90% C...	-1.178	20	-5.525	<.0001
Some of (FP) BN Compiled, Some of (FP) 90% Co...	-.475	23	-3.274	.0033

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Compiled, Some of (TW) BN ...	-3.995	7	-1.157	.2852
Some of (TW) MCP Compiled, Some of (TW) 90%...	-5.151	7	-1.237	.2559
Some of (TW) BN Compiled, Some of (TW) 90% ...	-.489	21	-1.734	.0976

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH0 MCP Compiled, Some of (PH) BN Com...	-.635	4	-2.800	.0488
Some of (PH0 MCP Compiled, Some of (PH) 90% Co...	-.667	4	-3.368	.0281
Some of (PH) BN Compiled, Some of (PH) 90% Com...	-.007	7	-.090	.9308

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Compiled, Some of (SS) BN ...	-.258	13	-3.453	.0043
Some of (SS) MCP Compiled, Some of (SS) 90...	-.383	13	-2.266	.0412
Some of (SS) BN Compiled, Some of (SS) 90% ...	-.094	29	-1.822	.0788

Male Random Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (M) BN Compil...	-.495	20	-3.562	.0020
Some of (M) MCP Random, Some of (M) 90% Com...	-.906	14	-4.351	.0007
Some of (M) BN Compiled, Some of (M) 90% Com...	-.283	17	-3.022	.0077

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Random, Some of (OF) BN Ra...	-.839	38	-5.298	<.0001
Some of (OF) MCP Random, Some of (OF) 90% ...	-1.243	38	-4.466	<.0001
Some of (OF) BN Random, Some of (OF) 90% R...	-.366	40	-1.689	.0990

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Random, Some of (DF) BN ...	-2.595	40	-3.864	.0004
Some of (DF) MCP Random, Some of (DF) 90...	-2.624	40	-5.243	<.0001
Some of (DF) BN Random, Some of (DF) 90% ...	-.027	41	-.095	.9245

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Random, Some of (FP) BN Ran...	-.904	15	-4.382	.0005
Some of (FP) MCP Random, Some of (FP) 90% Ra...	-1.436	15	-5.446	<.0001
Some of (FP) BN Random, Some of (FP) 90% Ran...	-.547	18	-3.061	.0067

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Random, Some of (TW) BN Ran...	-4.620	6	-1.178	.2834
Some of (TW) MCP Random, Some of (TW) 90% Ra...	-6.073	6	-1.293	.2436
Some of (TW) BN Random, Some of (TW) 90% Ran...	-.572	19	-1.828	.0833

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Random, Some of (TW) BN Ran...	-4.620	6	-1.178	.2834
Some of (TW) MCP Random, Some of (TW) 90% Ra...	-6.073	6	-1.293	.2436
Some of (TW) BN Random, Some of (TW) 90% Ran...	-.572	19	-1.828	.0833

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Random, Some of (SS) BN R...	-.326	9	-3.416	.0077
Some of (SS) MCP Random, Some of (SS) 90% ...	-.494	9	-2.152	.0598
Some of (SS) BN Random, Some of (SS) 90% R...	-.086	24	-1.287	.2103

Male Telemetry Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M0 MCP Telemetry, Some of (M) BN T...	.008	1	1.000	.5000
Some of (M0 MCP Telemetry, Some of (M) 90% ...	•	•	•	•
Some of (M) BN Telemetry, Some of (M) 90% T...	•	•	•	•

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Telemetryry, Some of (OF) BN Tel...	-.523	9	-3.979	.0032
Some of (OF) MCP Telemetryry, Some of (OF) 90% T...	-1.110	9	-1.623	.1391
Some of (OF) BN Telemetry, Some of (OF) 90% Tele...	-.587	9	-1.048	.3218

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Telemetry, Some of (DF) BN Te...	-.397	10	-2.675	.0233
Some of (DF) MCP Telemetry, Some of (DF) 90% ...	-.967	10	-2.198	.0526
Some of (DF) BN Telemetry, Some of (DF) 90% Te...	-.570	10	-1.398	.1923

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Telemetry, Some of (FP) BN T...	-.498	5	-3.690	.0142
Some of (FP) MCP Telemetry, Some of (FP) 90% ...	-.816	5	-2.260	.0733
Some of (FP) BN Telemetry, Some of (FP) 90% T...	-.318	5	-1.300	.2502

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Telemetry, Some of (TW) BN ...	-.112	1	-1.778	.3262
Some of (TW) MCP Telemetry, Some of (TW) 90...	-.202	1	-1.888	.3101
Some of (TW) BN Telemetry, Some of (TW) 90% ...	-.012	3	-.215	.8437

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) MCP Telemetry, Some of (PH) BN ...	•	•	•	•
Some of (PH) MCP Telemetry, Some of (PH) 90...	•	•	•	•
Some of (PH) BN Telemetry, Some of (PH) 90%...	-.024	1	-1.000	.5000

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Telemetry, Some of (SS) BN Tele...	-.147	3	-2.608	.0798
Some of (SS) MCP Telemetry, Some of (SS) 90% Tel...	-.189	3	-4.557	.0198
Some of (SS) BN Telemetry, Some of (SS) 90% Tele...	-.035	7	-1.271	.2443

All Compiled Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) MCP Compiled, (M) BN Compiled	-.691	59	-4.890	<.0001
(M) MCP Compiled, (M) 90% Compiled	-1.094	50	-7.101	<.0001
(M) BN Compiled, (M) 90% Compiled	-.318	54	-1.775	.0815

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) MCP Compiled, (OF) BN Compiled	-1.368	89	-4.247	<.0001
(OF) MCP Compiled, (OF) 90% Compiled	-1.778	88	-4.215	<.0001
(OF) BN Compiled, (OF) 90% Compiled	-.619	92	-2.227	.0284

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) MCP Compiled, (DF) BN Compiled	-2.698	97	-5.107	<.0001
(DF) MCP Compiled, (DF) 90% Compiled	-4.105	97	-5.015	<.0001
(DF) BN Compiled, (DF) 90% Compiled	-1.395	98	-2.599	.0108

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) MCP Compiled, (FP) BN Compiled	-.726	50	-6.565	<.0001
(FP) MCP Compiled, (DF) 90% Compiled	-7.566	53	-4.696	<.0001
(FP) BN Compiled, (DF) 90% Compiled	-6.928	60	-4.920	<.0001

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) MCP Compiled, (TW) BN Compiled	-4.420	29	-2.951	.0062
(TW) MCP Compiled, (TW) 90% Compiled	-3.566	28	-2.879	.0076
(TW) BN Compiled, (TW) 90% Compiled	-.107	54	-.368	.7143

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH0 MCP Compiled, (PH) BN Compiled	-.458	15	-3.867	.0015
(PH0 MCP Compiled, (PH) 90% Compiled	-.586	14	-4.282	.0008
(PH) BN Compiled, (PH) 90% Compiled	-.003	23	-.045	.9642

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) MCP Compiled, (SS) BN Compiled	1.297	35	.797	.4309
(SS) MCP Compiled, (SS) 90% Compiled	1.143	35	.661	.5129
(SS) BN Compiled, (SS) 90% Compiled	-.166	61	-1.488	.1419

All Random Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) MCP Random, (M) BN Random	-.668	44	-6.051	<.0001
(M) MCP Random, (M) 90% Random	-1.225	38	-5.629	<.0001
(M) BN Random, (M) 90% Random	-.451	44	-3.479	.0011

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) MCP Random, (OF) BN Random	-1.209	71	-5.974	<.0001
(OF) MCP Random, (OF) 90% Random	-2.127	71	-4.370	<.0001
(OF) BN Random, (OF) 90% Random	-.841	77	-2.501	.0145

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) MCP Random, (DF) BN Random	-3.064	79	-4.522	<.0001
(DF) MCP Random, (DF) 90% Random	-3.802	79	-4.609	<.0001
(DF) BN Random, (DF) 90% Random	-.728	80	-2.530	.0134

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) MCP Random, (FP) BN Random	-.969	36	-5.464	<.0001
(FP) MCP Random, (FP) 90% Random	-1.561	35	-5.656	<.0001
(FP) BN Random, (FP) 90% Random	-.520	43	-3.792	.0005

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) MCP Random, (TW) BN Random	-5.833	18	-1.535	.1421
(TW) MCP Random, (TW) 90% Random	-6.393	18	-1.832	.0836
(TW) BN Random, (TW) 90% Random	-.399	42	-1.385	.1733

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH) MCP Random, (PH) BN Random	-.465	10	-3.836	.0033
(PH) MCP Random, (PH) 90% Random	-.615	10	-3.858	.0032
(PH) BN Random, (PH) 90% Random	-.102	17	-1.224	.2375

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) MCP Random, (SS) BN Random	-.430	21	-2.473	.0220
(SS) MCP Random, (SS) 90% Random	-.590	21	-2.721	.0128
(SS) BN Random, (SS) 90% Random	-.164	44	-1.995	.0523

All Telemetry Habitat Usage

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M0 MCP Telemetry, (M) BN Telemetry	-.877	21	-2.280	.0332
(M0 MCP Telemetry, (M) 90% Telemetry	-.937	19	-3.162	.0051
(M) BN Telemetry, (M) 90% Telemetry	.029	19	.057	.9551

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) MCP Telemetryry, (OF) BN Telemetry	-1.340	36	-2.082	.0445
(OF) MCP Telemetryry, (OF) 90% Teleme...	-1.497	36	-2.816	.0078
(OF) BN Telemetry, (OF) 90% Telemetry	-.157	36	-.416	.6796

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) MCP Telemetry, (DF) BN Telemetry	-1.866	37	-4.100	.0002
(DF) MCP Telemetry, (DF) 90% Telemetry	-3.254	37	-3.581	.0010
(DF) BN Telemetry, (DF) 90% Telemetry	-1.388	37	-1.976	.0556

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) MCP Telemetry, (FP) BN Telemetry	-.553	22	-3.478	.0021
(FP) MCP Telemetry, (FP) 90% Telemetry	-.875	21	-3.872	.0009
(FP) BN Telemetry, (FP) 90% Telemetry	-.275	23	-2.648	.0144

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) MCP Telemetry, (TW) BN Telemetry	-5.239	16	-2.604	.0192
(TW) MCP Telemetry, (TW) 90% Telemetry	-3.618	16	-3.197	.0056
(TW) BN Telemetry, (TW) 90% Telemetry	1.435	21	1.631	.1179

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH) MCP Telemetry, (PH) BN Telemetry	-.352	7	-2.034	.0814
(PH) MCP Telemetry, (PH) 90% Telemetry	-.395	6	-2.339	.0580
(PH) BN Telemetry, (PH) 90% Telemetry	.096	11	1.344	.2061

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) MCP Telemetry, (SS) BN Telemetry	-.740	19	-3.174	.0050
(SS) MCP Telemetry, (SS) 90% Telemetry	-.862	20	-3.399	.0028
(SS) BN Telemetry, (SS) 90% Telemetry	-.153	24	-1.535	.1380

Female Random vs Telemetry MCP

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (M0 MCP ...	-.730	4	-1.039	.3574

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Random, Some of (O...	-1.117	10	-1.079	.3060

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Random, Some of (DF...	-1.313	12	-1.187	.2580

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Random, Some of (FP...	-.284	5	-1.293	.2526

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Random, Some of (T...	-.024	3	-.043	.9684

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) MCP Random, Some of (P...	-.001	1	-.053	.9665

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Random, Some of (S...	.153	6	.483	.6465

Female Random vs Telemetry BN

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Random, Some of (M) B...	-2.391	6	-1.461	.1943

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) BN Random, Some of (OF)...	.169	13	.230	.8215

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) BN Random, Some of (DF) ...	.445	13	.228	.8234

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) BN Random, Some of (FP) ...	.247	7	.284	.7846

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) BN Random, Some of (TW...	6.107	7	.735	.4864

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) BN Random, Some of (PH) ...	-.253	3	-1.201	.3160

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) BN Random, Some of (SS)...	.095	6	.159	.8792

Female Random vs Telemetry 90% Kernel

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) 90% Random, Some of (M) ...	-.253	6	-.157	.8803

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) 90% Random, Some of (O...	.572	12	.545	.5959

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) 90% Random, Some of (DF...	-.379	12	-.138	.8926

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) 90% Random, Some of (FP...	.504	6	.471	.6542

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) 90% Random, Some of (T...	6.244	6	.788	.4605

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) 90% Random, Some of (PH...	-.037	2	-.818	.4993

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) 90% Random, Some of (S...	-.118	7	-.344	.7406

Male Random vs Telemetry MCP

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) MCP Random, Some of (M0 MCP Tele...	.005	1	1.000	.5000

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) MCP Random, Some of (OF) MCP Tele...	-.068	6	-.688	.5171

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) MCP Random, Some of (DF) MCP Telemetry	-.220	5	-.543	.6105

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) MCP Random, Some of (FP) MCP Telemetry	-.387	1	-4.641	.1351

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) MCP Random, Some of (TW) MCP Tel...	.371	0	•	•

Phragmites (PH)]

N/A

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) MCP Random, Some of (SS) MCP Teleme...	-.163	0	•	•

Male Random vs Telemetry BN

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (M) BN Random, Some of (M) BN Telemetry	.017	1	1.000	.5000

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) BN Random, Some of (OF) BN T...	.315	6	.930	.3881

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) BN Random, Some of (DF) BN Telem..	.569	6	.596	.5732

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) BN Random, Some of (FP) BN Telemetry	-.700	1	-15.043	.0423

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) BN Random, Some of (TW) BN Tele...	.707	1	1.887	.3103

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) BN Random, Some of (PH) BN Telemetry	.190	0	•	•

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) BN Random, Some of (SS) BN Tele...	.255	2	.747	.5329

Male Random vs Telemetry 90% Kernel

Meadow (M)

N/A

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (OF) 90% Random, Some of (OF) 90% Tel...	.221	6	.904	.4010

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (DF) 90% Random, Some of (DF) 90% Telem...	.572	6	.641	.5450

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (FP) 90% Random, Some of (FP) 90% Tel...	-.573	1	-12.888	.0493

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (TW) 90% Random, Some of (TW) 90% Telem...	1.063	1	2.800	.2184

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (PH) 90% Random, Some of (PH) 90% ...	.331	0	•	•

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
Some of (SS) 90% Random, Some of (SS) 90% ...	.036	3	.319	.7706

All Random vs Telemetry MCP

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) MCP Random, (M0 MCP Telemetry	-.520	6	-1.033	.3414

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) MCP Random, (OF) MCP Telemetryry	-.697	18	-1.163	.2602

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) MCP Random, (DF) MCP Telemetry	-.999	19	-1.374	.1854

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) MCP Random, (FP) MCP Telemetry	-.310	7	-1.908	.0980

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) MCP Random, (TW) MCP Telemetry	.055	4	.122	.9089

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH) MCP Random, (PH) MCP Telemetry	-.001	1	-.053	.9665

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) MCP Random, (SS) MCP Telemetry	.114	7	.409	.6946

All Random vs Telemetry BN

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) BN Random, (M) BN Telemetry	-1.856	8	-1.429	.1910

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) BN Random, (OF) BN Telemetry	.171	21	.361	.7217

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) BN Random, (DF) BN Telemetry	.384	21	.304	.7642

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) BN Random, (FP) BN Telemetry	.058	9	.083	.9357

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) BN Random, (TW) BN Telemetry	5.026	9	.762	.4655

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH) BN Random, (PH) BN Telemetry	-.164	4	-.885	.4260

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) BN Random, (SS) BN Telemetry	.143	9	.341	.7412

All Random vs Telemetry 90% Kernel

Meadow (M)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(M) 90% Random, (M) 90% Telemetry	-.253	6	-.157	.8803

Open Forest (OF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(OF) 90% Random, (OF) 90% Telemetry	.392	20	.604	.5525

Dense Forest (DF)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(DF) 90% Random, (DF) 90% Telemetry	-.125	20	-.073	.9424

Flood Plain (FP)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(FP) 90% Random, (FP) 90% Telemetry	.264	8	.318	.7588

Tidal Wetland (TW)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(TW) 90% Random, (TW) 90% Telemetry	5.092	8	.835	.4278

Phragmites (PH)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(PH) 90% Random, (PH) 90% Telemetry	.055	3	.565	.6118

Scrub Shrub (SS)

Paired t-test
Hypothesized Difference = 0

	Mean Diff.	DF	t-Value	P-Value
(SS) 90% Random, (SS) 90% Telemetry	-.067	11	-.295	.7737

Gender vs Compiled MCP Home Range

Meadow (M)

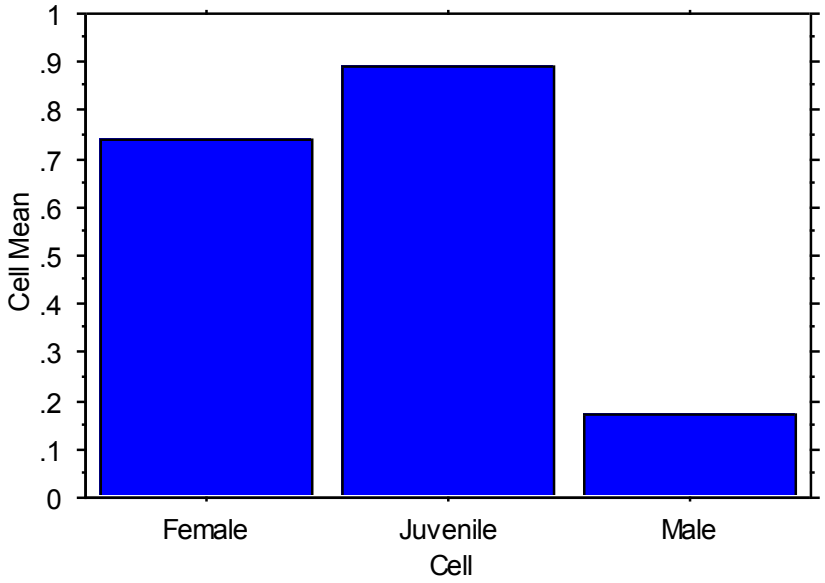
ANOVA Table for (M) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	4.925	2.462	2.320	.1073	4.640	.440
Residual	58	61.557	1.061				

Means Table for (M) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	35	.741	1.265	.214
Juvenile	4	.892	1.387	.694
Male	22	.170	.254	.054

Interaction Bar Plot for (M) MCP Compiled
Effect: Gender



Fisher's PLSD for (M) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-.151	1.088	.7829	
Female, Male	.571	.561	.0461	S
Juvenile, Male	.722	1.121	.2025	

Gender vs Compiled MCP Home Range

Open Forest (OF)

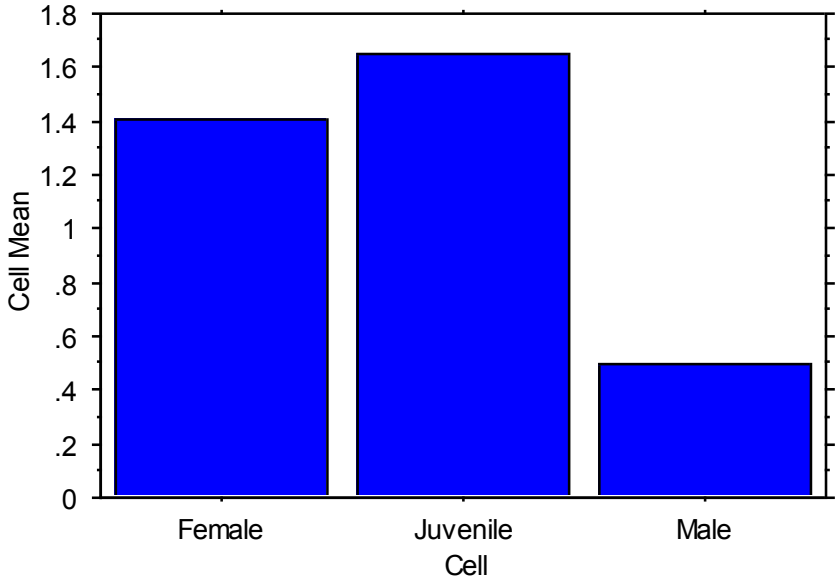
ANOVA Table for (OF) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	20.121	10.060	3.675	.0293	7.350	.659
Residual	88	240.905	2.738				

Means Table for (OF) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	44	1.410	2.165	.326
Juvenile	4	1.647	2.925	1.463
Male	43	.493	.573	.087

Interaction Bar Plot for (OF) MCP Compiled
Effect: Gender



Fisher's PLSD for (OF) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-.237	1.717	.7849	
Female, Male	.917	.705	.0114	S
Juvenile, Male	1.154	1.719	.1856	

Gender vs Compiled MCP Home Range

Dense Forest (DF)

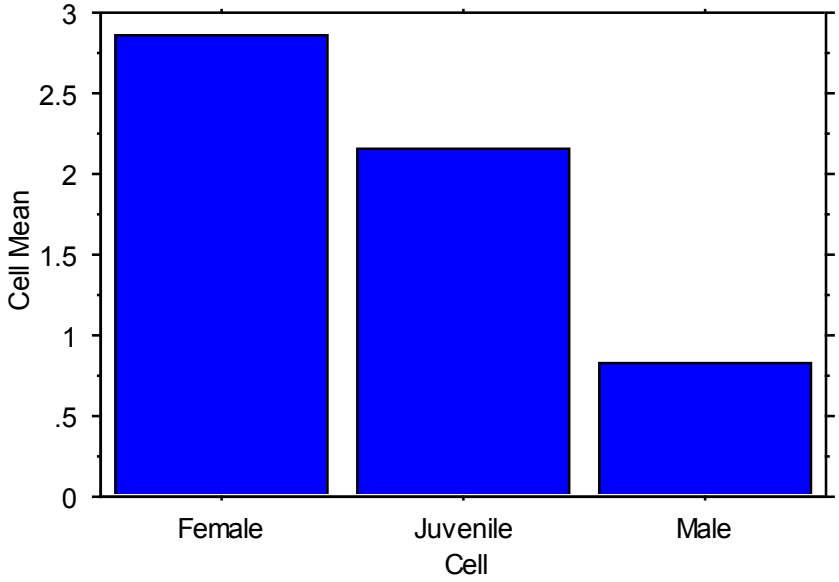
ANOVA Table for (DF) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	97.275	48.637	6.273	.0028	12.545	.900
Residual	95	736.618	7.754				

Means Table for (DF) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	48	2.858	3.801	.549
Juvenile	4	2.161	2.500	1.250
Male	46	.826	.928	.137

Interaction Bar Plot for (DF) MCP Compiled
Effect: Gender



Fisher's PLSD for (DF) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.697	2.877	.6317	
Female, Male	2.031	1.141	.0006	S
Juvenile, Male	1.335	2.882	.3602	

Gender vs Compiled MCP Home Range

Flood Plain (FP)

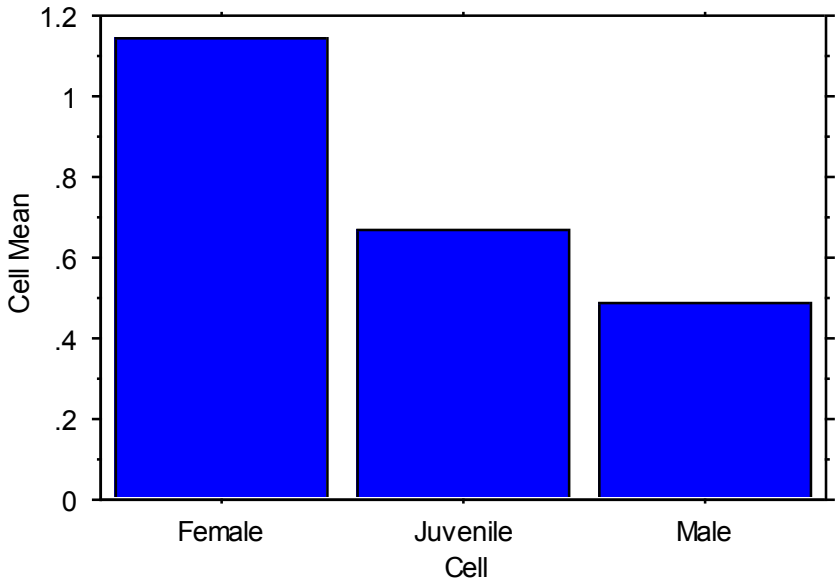
ANOVA Table for (FP) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	5.548	2.774	1.874	.1639	3.749	.360
Residual	51	75.476	1.480				

Means Table for (FP) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	30	1.145	1.558	.284
Juvenile	2	.667	.938	.663
Male	22	.488	.447	.095

Interaction Bar Plot for (FP) MCP Compiled
Effect: Gender



Fisher's PLSD for (FP) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.477	1.784	.5936
Female, Male	.657	.686	.0601
Juvenile, Male	.180	1.804	.8424

Gender vs Compiled MCP Home Range

Tidal Wetland (TW)

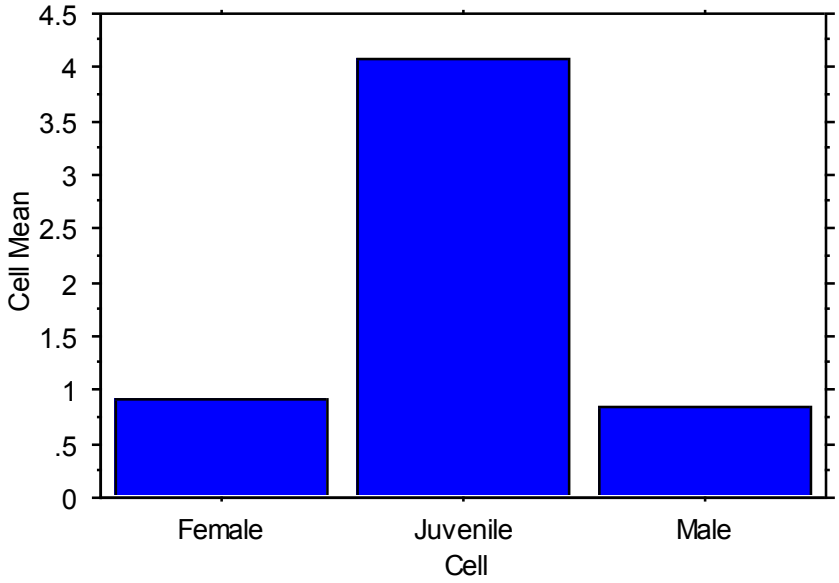
ANOVA Table for (TW) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	19.152	9.576	2.852	.0746	5.704	.505
Residual	28	94.010	3.358				

Means Table for (TW) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	21	.904	1.432	.313
Juvenile	2	4.088	5.759	4.072
Male	8	.852	1.683	.595

Interaction Bar Plot for (TW) MCP Compiled
Effect: Gender



Fisher's PLSD for (TW) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-3.184	2.778	.0262	S
Female, Male	.052	1.559	.9462	
Juvenile, Male	3.236	2.967	.0337	S

Gender vs Compiled MCP Home Range
Phragmites (PH)

N/A

Gender vs Compiled MCP Home Range
Scrub Shrub (SS)

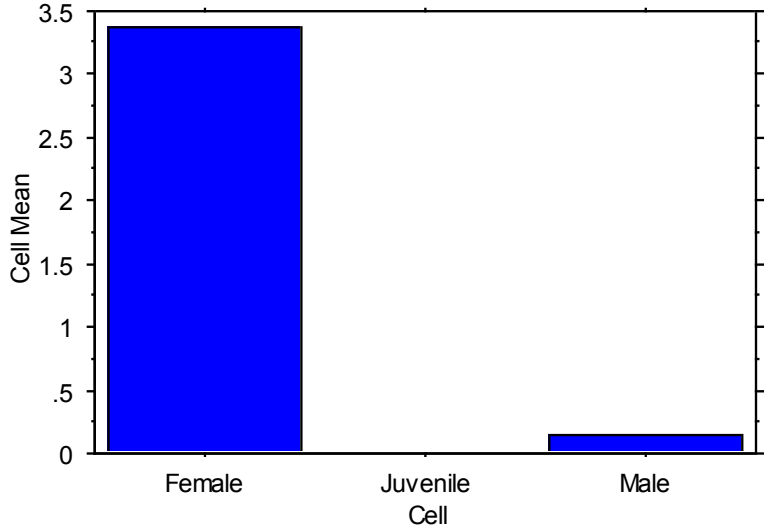
ANOVA Table for (SS) MCP Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Pow er
Gender	2	94.283	47.142	.432	.6526	.864	.112
Residual	34	3708.843	109.084				

Means Table for (SS) MCP Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	21	3.364	13.617	2.972
Juvenile	1	.004	•	•
Male	15	.152	.150	.039

Interaction Bar Plot for (SS) MCP Compiled
Effect: Gender



Fisher's PLSD for (SS) MCP Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	3.360	21.725	.7552
Female, Male	3.213	7.175	.3693
Juvenile, Male	-.148	21.921	.9891

Gender vs Random MCP Home Range

Meadow (M)

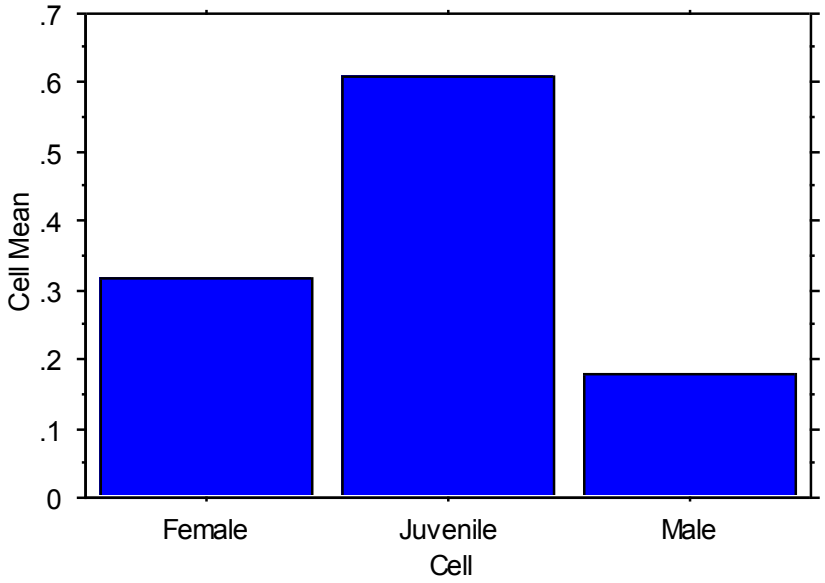
ANOVA Table for (M) MCP Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	.345	.172	1.337	.2737	2.673	.263
Residual	42	5.415	.129				

Means Table for (M) MCP Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	23	.318	.431	.090
Juvenile	1	.610	•	•
Male	21	.177	.258	.056

Interaction Bar Plot for (M) MCP Random
Effect: Gender



Fisher's PLSD for (M) MCP Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	-.292	.740	.4304
Female, Male	.141	.219	.2002
Juvenile, Male	.433	.742	.2453

Gender vs Random MCP Home Range

Open Forest (OF)

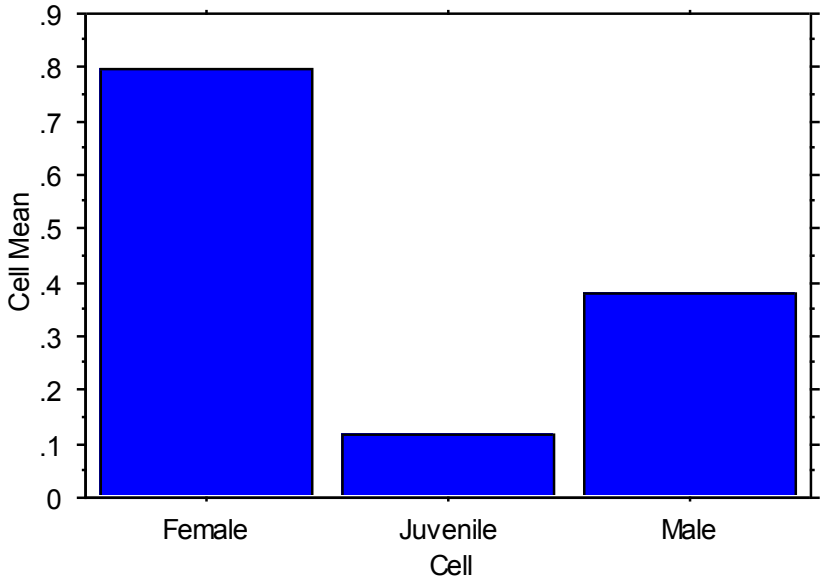
ANOVA Table for (OF) MCP Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	3.413	1.706	2.029	.1392	4.057	.392
Residual	70	58.877	.841				

Means Table for (OF) MCP Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	31	.796	1.327	.238
Juvenile	2	.118	.134	.095
Male	40	.380	.392	.062

Interaction Bar Plot for (OF) MCP Random
Effect: Gender



Fisher's PLSD for (OF) MCP Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.678	1.334	.3142
Female, Male	.416	.438	.0618
Juvenile, Male	-.262	1.325	.6948

Gender vs Random MCP Home Range

Dense Forest (DF)

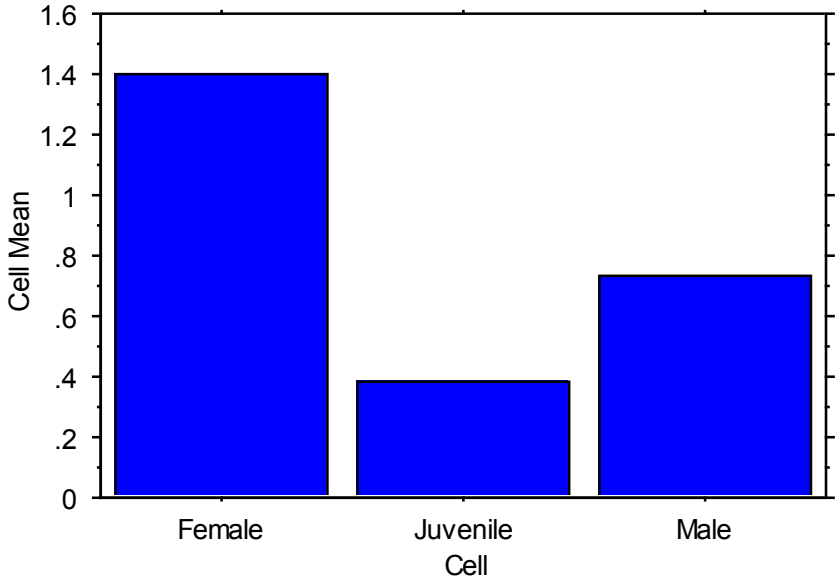
ANOVA Table for (DF) MCP Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	9.683	4.842	1.367	.2610	2.734	.275
Residual	77	272.729	3.542				

Means Table for (DF) MCP Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	37	1.403	2.598	.427
Juvenile	2	.380	.429	.303
Male	41	.730	.860	.134

Interaction Bar Plot for (DF) MCP Random
Effect: Gender



Fisher's PLSD for (DF) MCP Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	1.023	2.721	.4564
Female, Male	.673	.850	.1189
Juvenile, Male	-.350	2.714	.7982

Gender vs Random MCP Home Range

Flood Plain (FP)

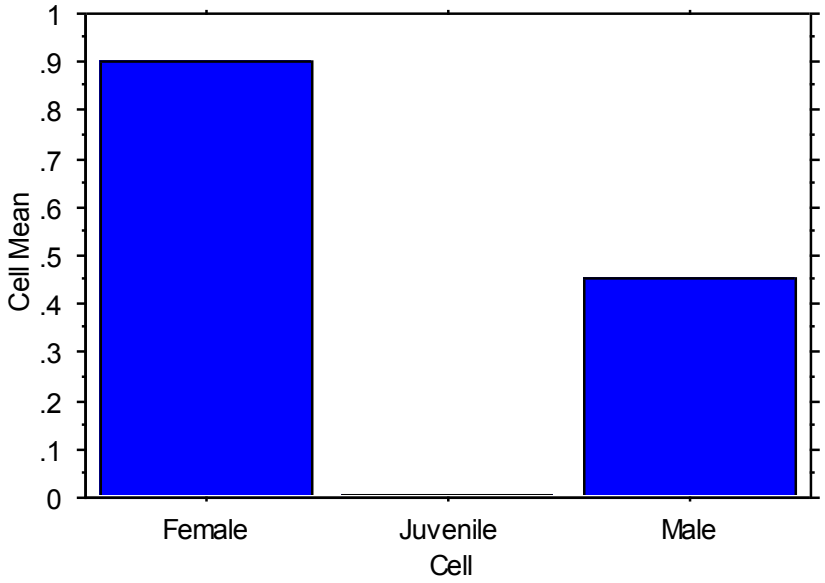
ANOVA Table for (FP) MCP Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2.291	1.146	.725	.4914	1.450	.158
Residual	35	55.287	1.580				

Means Table for (FP) MCP Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	20	.901	1.648	.369
Juvenile	1	.004	•	•
Male	17	.456	.479	.116

Interaction Bar Plot for (FP) MCP Random
Effect: Gender



Fisher's PLSD for (FP) MCP Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.897	2.615	.4907
Female, Male	.446	.842	.2899
Juvenile, Male	-.452	2.625	.7291

Gender vs Random MCP Home Range

Tidal Wetland (TW), Phragmites (PH), & Scrub Shrub (SS)

N/A

Gender vs Telemetry MCP Home Range

Meadow (M)

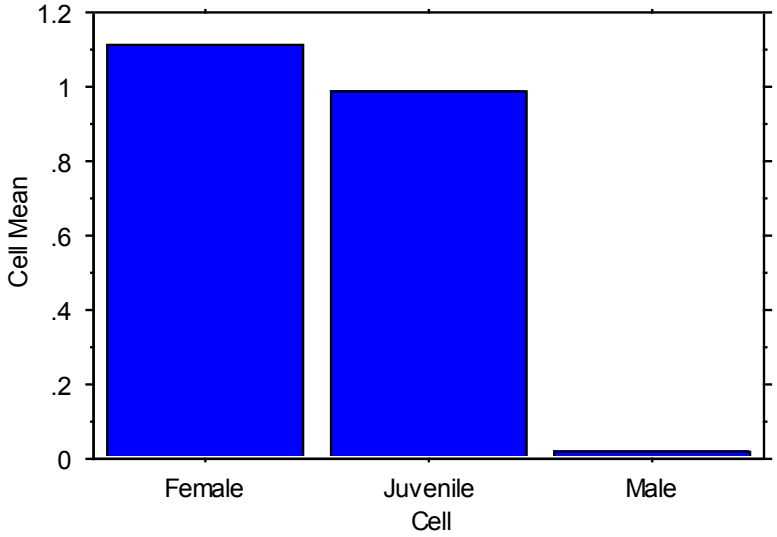
ANOVA Table for (M0 MCP Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2.137	1.069	.403	.6736	.807	.104
Residual	19	50.337	2.649				

Means Table for (M0 MCP Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	17	1.114	1.671	.405
Juvenile	3	.986	1.684	.972
Male	2	.021	.012	.008

Interaction Bar Plot for (M0 MCP Telemetry
Effect: Gender



Fisher's PLSD for (M0 MCP Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.128	2.133	.9012
Female, Male	1.093	2.547	.3804
Juvenile, Male	.964	3.110	.5240

Gender vs Telemetry MCP Home Range

Open Forest (OF)

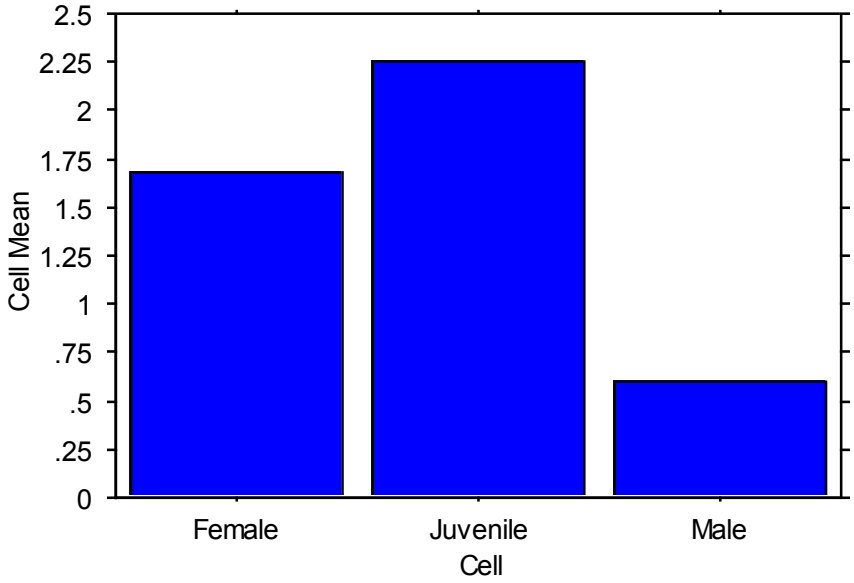
ANOVA Table for (OF) MCP Telemetryry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	10.472	5.236	1.026	.3692	2.052	.207
Residual	34	173.471	5.102				

Means Table for (OF) MCP Telemetryry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	1.682	2.539	.518
Juvenile	3	2.251	3.280	1.894
Male	10	.598	.640	.202

Interaction Bar Plot for (OF) MCP Telemetryry
Effect: Gender



Fisher's PLSD for (OF) MCP Telemetryry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	-.569	2.811	.6832
Female, Male	1.084	1.728	.2109
Juvenile, Male	1.653	3.022	.2739

Gender vs Telemetry MCP Home Range

Dense Forest (DF)

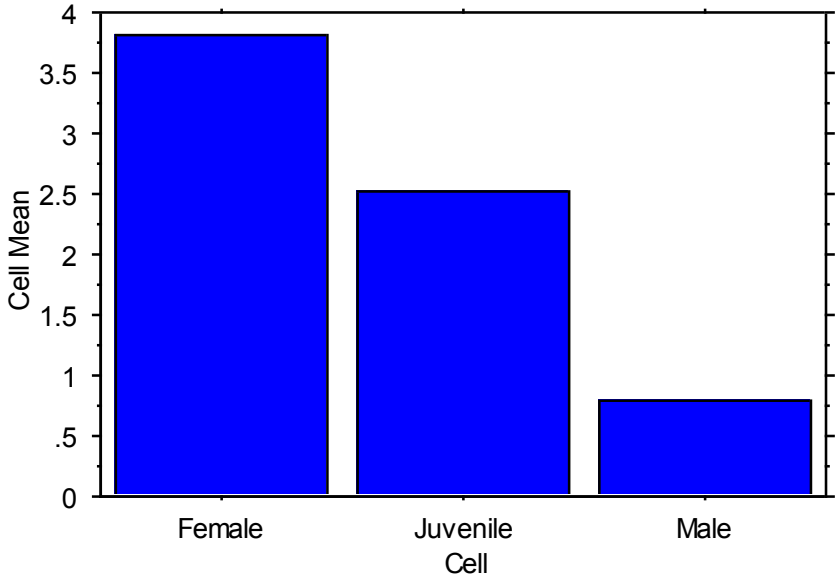
ANOVA Table for (DF) MCP Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	69.308	34.654	2.835	.0723	5.670	.511
Residual	35	427.821	12.223				

Means Table for (DF) MCP Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	3.808	4.206	.858
Juvenile	3	2.527	2.863	1.653
Male	11	.783	.681	.205

Interaction Bar Plot for (DF) MCP Telemetry
Effect: Gender



Fisher's PLSD for (DF) MCP Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	1.281	4.346	.5536	
Female, Male	3.025	2.584	.0231	S
Juvenile, Male	1.744	4.623	.4489	

Gender vs Telemetry MCP Home Range

Flood Plain (FP)

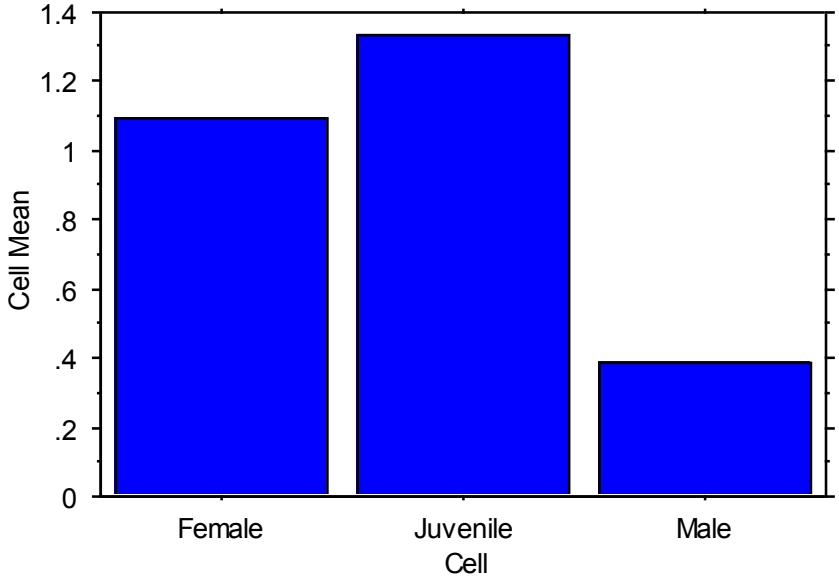
ANOVA Table for (FP) MCP Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2.633	1.316	1.240	.3098	2.480	.232
Residual	21	22.295	1.062				

Means Table for (FP) MCP Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	16	1.093	1.206	.301
Juvenile	1	1.331	•	•
Male	7	.386	.287	.108

Interaction Bar Plot for (FP) MCP Telemetry
Effect: Gender



Fisher's PLSD for (FP) MCP Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	-.238	2.209	.8248
Female, Male	.707	.971	.1448
Juvenile, Male	.945	2.291	.4005

Gender vs Telemetry MCP Home Range

Tidal Wetland (TW)

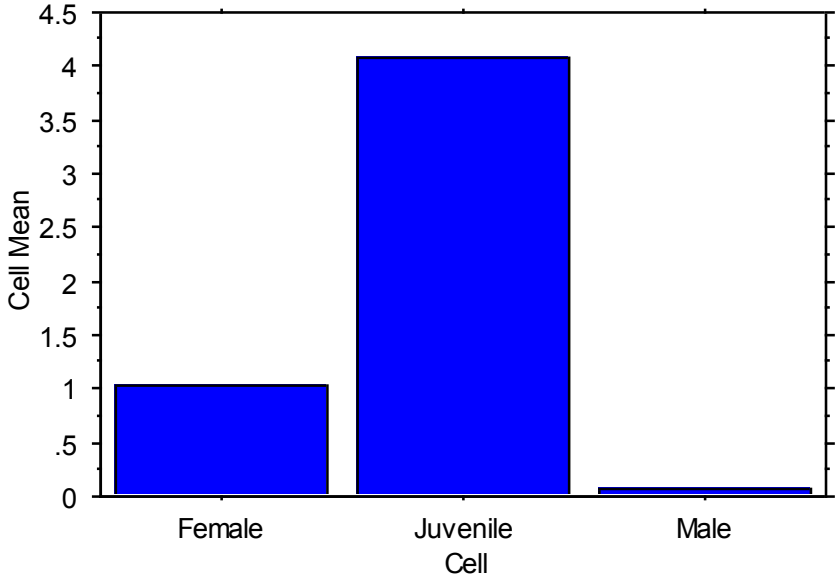
ANOVA Table for (TW) MCP Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	19.542	9.771	2.720	.1004	5.441	.442
Residual	14	50.283	3.592				

Means Table for (TW) MCP Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	13	1.023	1.194	.331
Juvenile	2	4.088	5.759	4.072
Male	2	.071	.023	.016

Interaction Bar Plot for (TW) MCP Telemetry
Effect: Gender



Fisher's PLSD for (TW) MCP Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	-3.064	3.087	.0515
Female, Male	.952	3.087	.5189
Juvenile, Male	4.017	4.065	.0524

Gender vs Telemetry MCP Home Range

Phragmites (PH)

N/A

Gender vs Telemetry MCP Home Range

Scrub Shrub (SS)

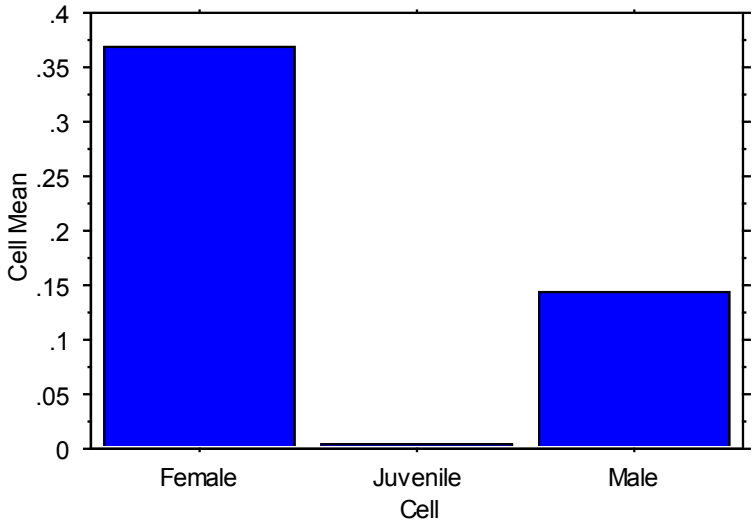
ANOVA Table for (SS) MCP Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	.285	.142	1.984	.1650	3.968	.349
Residual	19	1.363	.072				

Means Table for (SS) MCP Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	16	.368	.298	.075
Juvenile	1	.004	•	•
Male	5	.143	.082	.037

Interaction Bar Plot for (SS) MCP Telemetry
Effect: Gender



Fisher's PLSD for (SS) MCP Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.364	.578	.2031
Female, Male	.225	.287	.1176
Juvenile, Male	-.139	.614	.6411

Gender vs Compiled BN Home Range

Meadow (M)

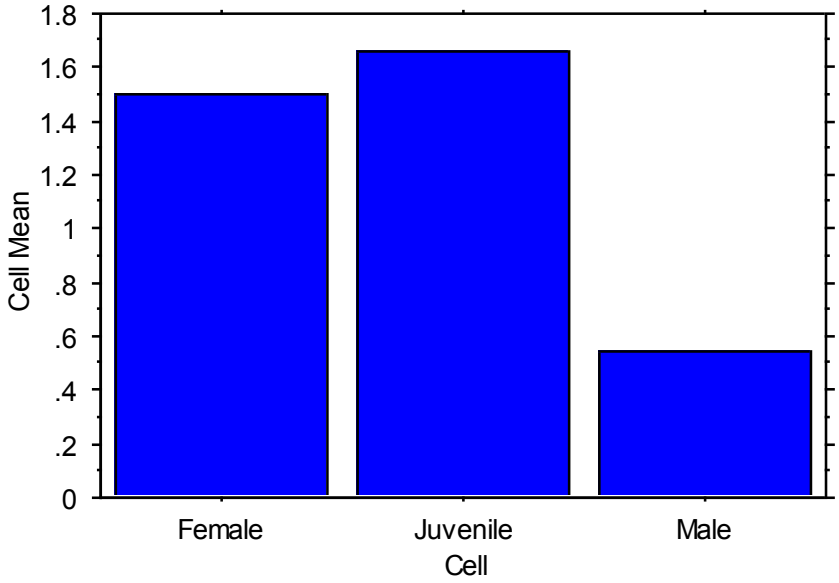
ANOVA Table for (M) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	15.793	7.896	3.051	.0540	6.102	.563
Residual	66	170.801	2.588				

Means Table for (M) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	36	1.498	2.008	.335
Juvenile	4	1.663	2.007	1.003
Male	29	.548	.792	.147

Interaction Bar Plot for (M) BN Compiled
Effect: Gender



Fisher's PLSD for (M) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-.165	1.693	.8461	
Female, Male	.950	.801	.0209	S
Juvenile, Male	1.115	1.713	.1983	

Gender vs Compiled BN Home Range

Open Forest (OF)

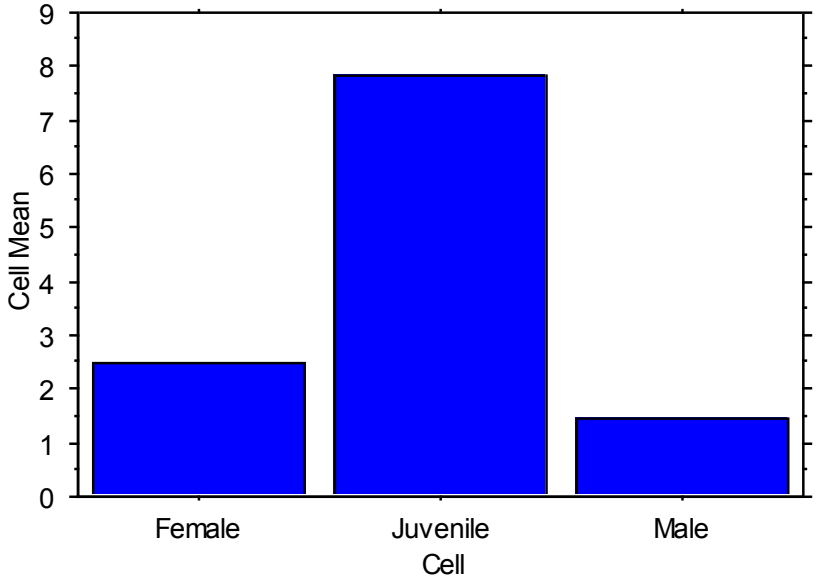
ANOVA Table for (OF) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	157.025	78.512	6.178	.0030	12.356	.895
Residual	93	1181.923	12.709				

Means Table for (OF) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	47	2.498	3.032	.442
Juvenile	4	7.851	13.865	6.933
Male	45	1.451	2.036	.304

Interaction Bar Plot for (OF) BN Compiled
Effect: Gender



Fisher's PLSD for (OF) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-5.353	3.687	.0049	S
Female, Male	1.046	1.476	.1626	
Juvenile, Male	6.399	3.694	.0009	S

Gender vs Compiled BN Home Range

Dense Forest (DF)

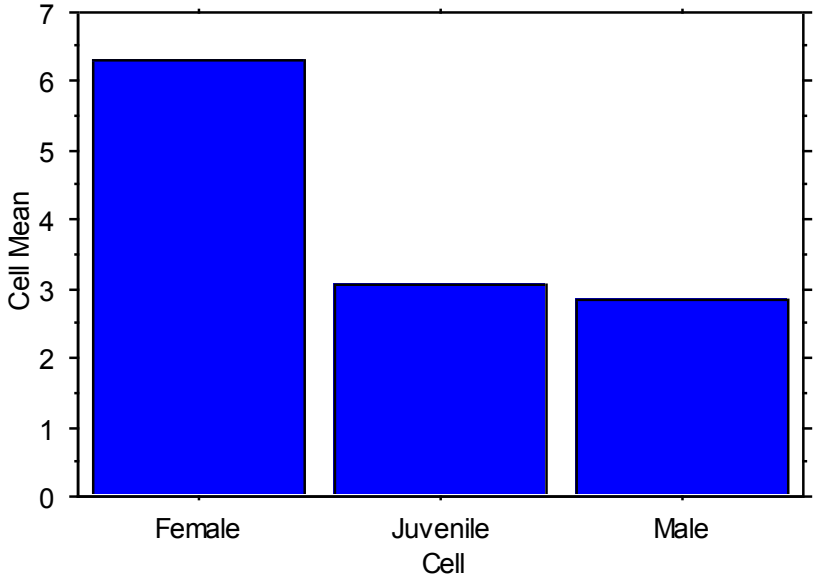
ANOVA Table for (DF) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	292.095	146.047	2.972	.0559	5.943	.557
Residual	96	4717.968	49.145				

Means Table for (DF) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	48	6.297	9.312	1.344
Juvenile	4	3.076	2.215	1.108
Male	47	2.843	3.694	.539

Interaction Bar Plot for (DF) BN Compiled
Effect: Gender



Fisher's PLSD for (DF) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	3.221	7.242	.3795	
Female, Male	3.454	2.856	.0183	S
Juvenile, Male	.233	7.248	.9493	

Gender vs Compiled BN Home Range

Flood Plain (FP)

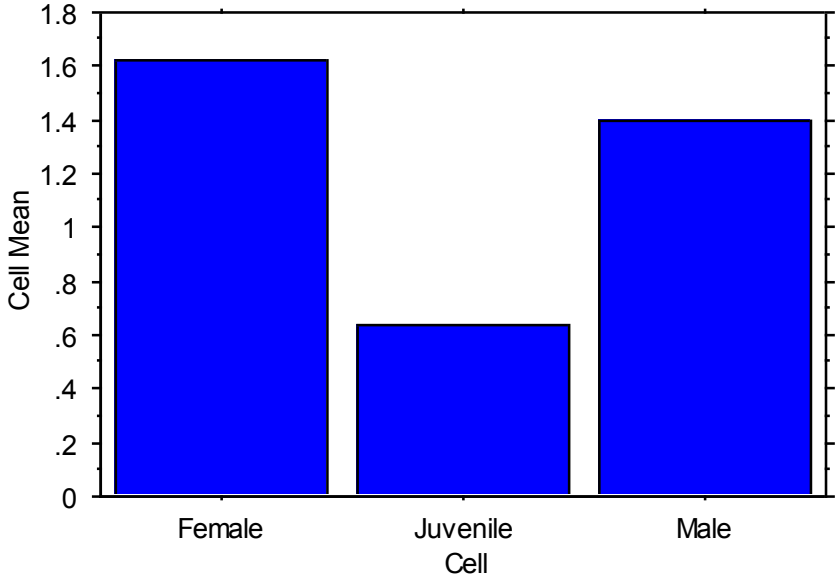
ANOVA Table for (FP) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2.272	1.136	.397	.6744	.793	.109
Residual	58	166.151	2.865				

Means Table for (FP) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	35	1.621	1.885	.319
Juvenile	2	.635	.283	.200
Male	24	1.395	1.403	.286

Interaction Bar Plot for (FP) BN Compiled
Effect: Gender



Fisher's PLSD for (FP) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.986	2.463	.4262
Female, Male	.226	.898	.6167
Juvenile, Male	-.760	2.493	.5440

Gender vs Compiled BN Home Range

Tidal Wetland (TW)

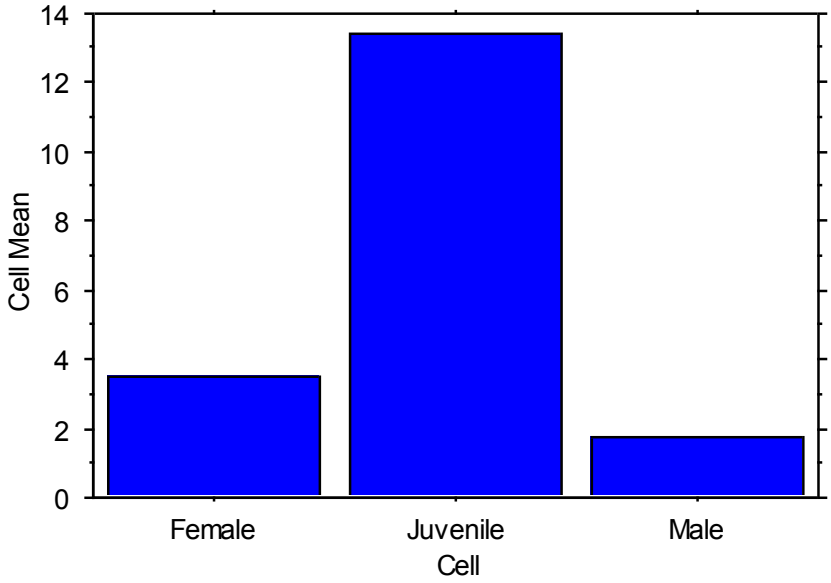
ANOVA Table for (TW) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	364.689	182.344	3.486	.0372	6.972	.624
Residual	58	3033.678	52.305				

Means Table for (TW) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	34	3.488	5.458	.936
Juvenile	3	13.419	22.588	13.041
Male	24	1.769	6.693	1.366

Interaction Bar Plot for (TW) BN Compiled
Effect: Gender



Fisher's PLSD for (TW) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-9.931	8.719	.0263	S
Female, Male	1.720	3.860	.3761	
Juvenile, Male	11.651	8.865	.0109	S

Gender vs Compiled BN Home Range
Phragmites (PH)

N/A

Gender vs Compiled BN Home Range
Scrub Shrub (SS)

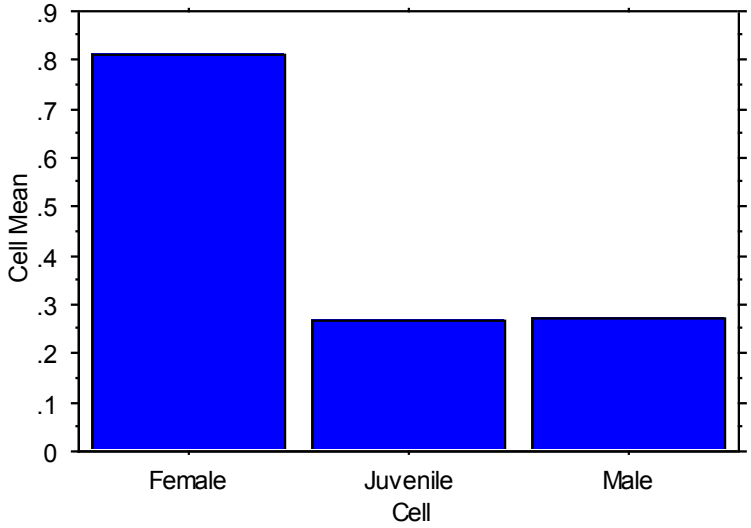
ANOVA Table for (SS) BN Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Pow er
Gender	2	4.646	2.323	3.274	.0446	6.547	.595
Residual	61	43.292	.710				

Means Table for (SS) BN Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	31	.813	1.157	.208
Juvenile	2	.269	.074	.052
Male	31	.274	.324	.058

Interaction Bar Plot for (SS) BN Compiled
Effect: Gender



Fisher's PLSD for (SS) BN Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.544	1.229	.3791	
Female, Male	.539	.428	.0144	S
Juvenile, Male	-.006	1.229	.9926	

Gender vs Random BN Home Range

Meadow (M)

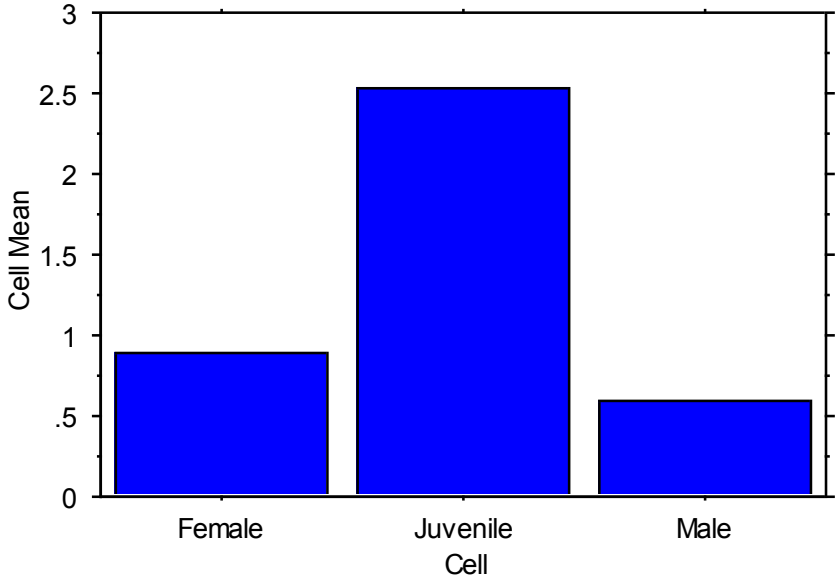
ANOVA Table for (M) BN Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	4.477	2.239	2.598	.0839	5.196	.485
Residual	53	45.668	.862				

Means Table for (M) BN Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	28	.898	1.031	.195
Juvenile	1	2.534	•	•
Male	27	.586	.808	.155

Interaction Bar Plot for (M) BN Random
Effect: Gender



Fisher's PLSD for (M) BN Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-1.636	1.895	.0891	
Female, Male	.311	.502	.2190	
Juvenile, Male	1.948	1.896	.0443	S

Gender vs Random BN Home Range

Open Forest (OF)

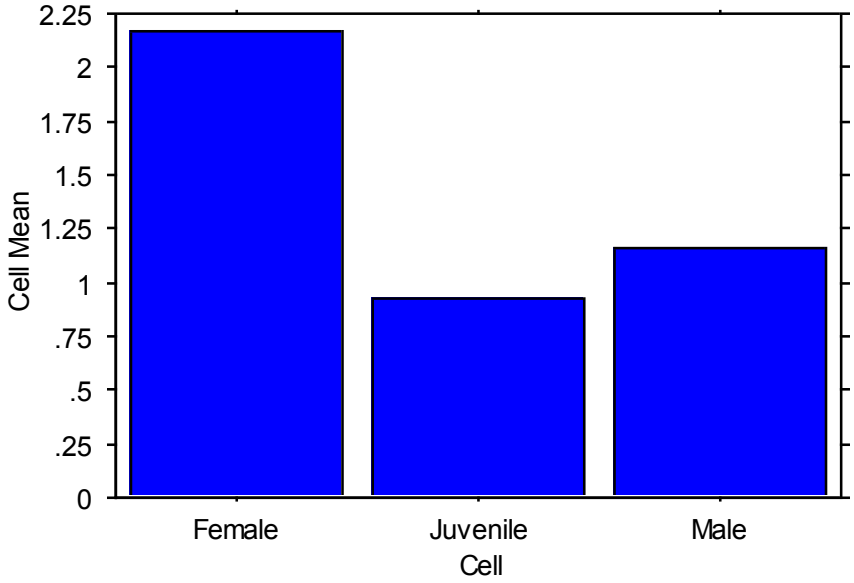
ANOVA Table for (OF) BN Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	20.424	10.212	1.973	.1461	3.945	.384
Residual	77	398.614	5.177				

Means Table for (OF) BN Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	36	2.165	3.074	.512
Juvenile	2	.924	1.158	.819
Male	42	1.163	1.273	.196

Interaction Bar Plot for (OF) BN Random
Effect: Gender



Fisher's PLSD for (OF) BN Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	1.241	3.291	.4550
Female, Male	1.002	1.029	.0562
Juvenile, Male	-.239	3.279	.8849

Gender vs Random BN Home Range

Dense Forest (DF)

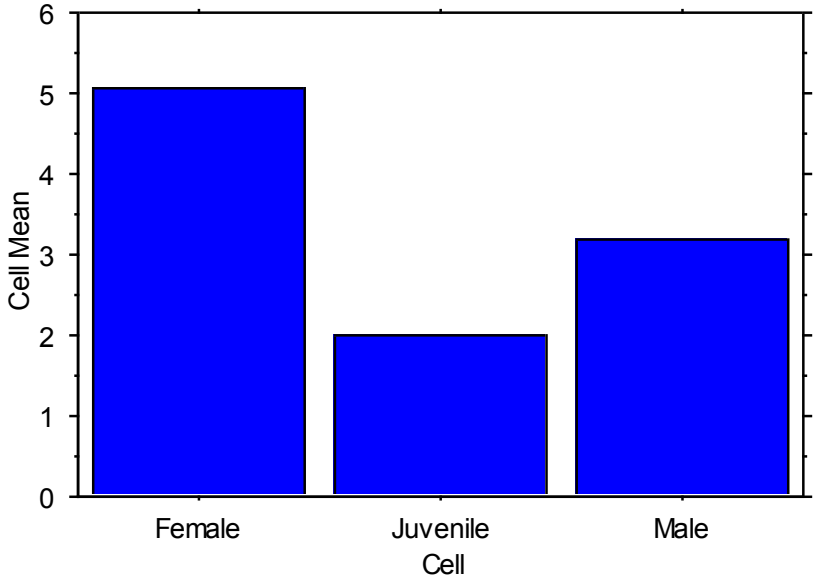
ANOVA Table for (DF) BN Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	79.261	39.631	.661	.5190	1.322	.153
Residual	79	4734.757	59.934				

Means Table for (DF) BN Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	37	5.064	10.122	1.664
Juvenile	2	2.008	2.314	1.636
Male	43	3.172	4.978	.759

Interaction Bar Plot for (DF) BN Random
Effect: Gender



Fisher's PLSD for (DF) BN Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	3.056	11.187	.5882
Female, Male	1.891	3.455	.2792
Juvenile, Male	-1.164	11.147	.8358

Gender vs Random BN Home Range

Flood Plain (FP)

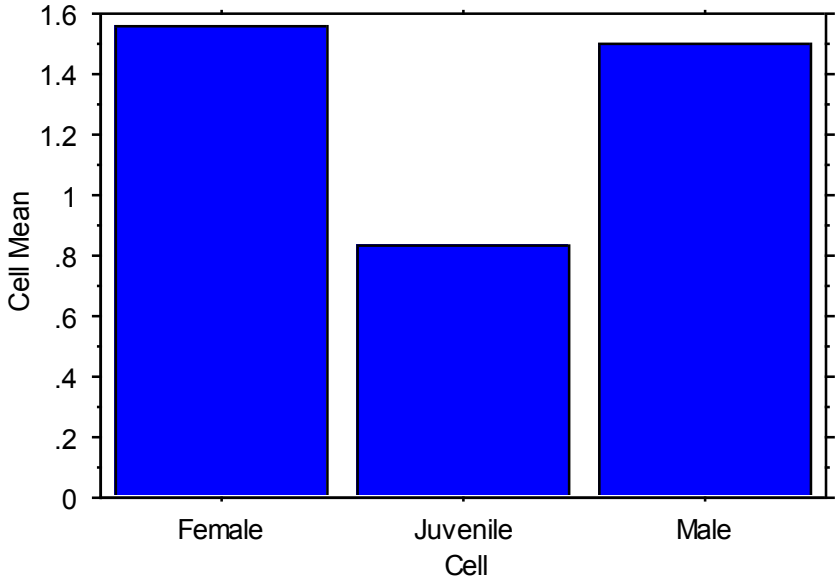
ANOVA Table for (FP) BN Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	.514	.257	.067	.9351	.134	.059
Residual	43	164.315	3.821				

Means Table for (FP) BN Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	25	1.558	2.212	.442
Juvenile	1	.835	•	•
Male	20	1.499	1.571	.351

Interaction Bar Plot for (FP) BN Random
Effect: Gender



Fisher's PLSD for (FP) BN Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.723	4.020	.7185
Female, Male	.059	1.183	.9206
Juvenile, Male	-.664	4.040	.7417

Gender vs Random BN Home Range

Tidal Wetland (TW)

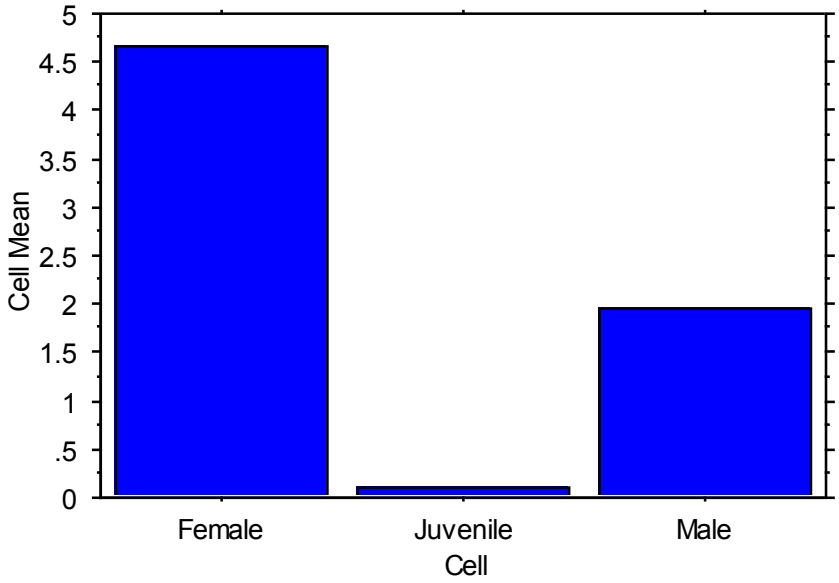
ANOVA Table for (TW) BN Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	94.969	47.485	.332	.7190	.665	.098
Residual	44	6285.869	142.861				

Means Table for (TW) BN Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	4.672	15.128	3.088
Juvenile	1	.112	•	•
Male	22	1.958	6.977	1.487

Interaction Bar Plot for (TW) BN Random
Effect: Gender



Fisher's PLSD for (TW) BN Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	4.560	24.585	.7103
Female, Male	2.714	7.110	.4458
Juvenile, Male	-1.846	24.630	.8806

Gender vs Random BN Home Range

Phragmites (PH) & Scrub Shrub (SS)

N/A

Gender vs Telemetry BN Home Range

Meadow (M)

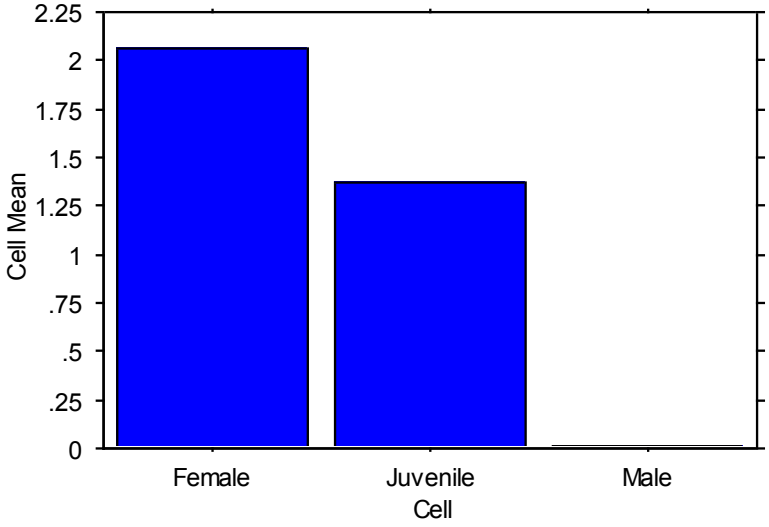
ANOVA Table for (M) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	11.213	5.606	.842	.4449	1.684	.170
Residual	21	139.834	6.659				

Means Table for (M) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	18	2.061	2.752	.649
Juvenile	3	1.372	2.353	1.358
Male	3	.011	.004	.002

Interaction Bar Plot for (M) BN Telemetry
Effect: Gender



Fisher's PLSD for (M) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.689	3.347	.6731
Female, Male	2.050	3.347	.2167
Juvenile, Male	1.361	4.382	.5253

Gender vs Telemetry BN Home Range

Open Forest (OF)

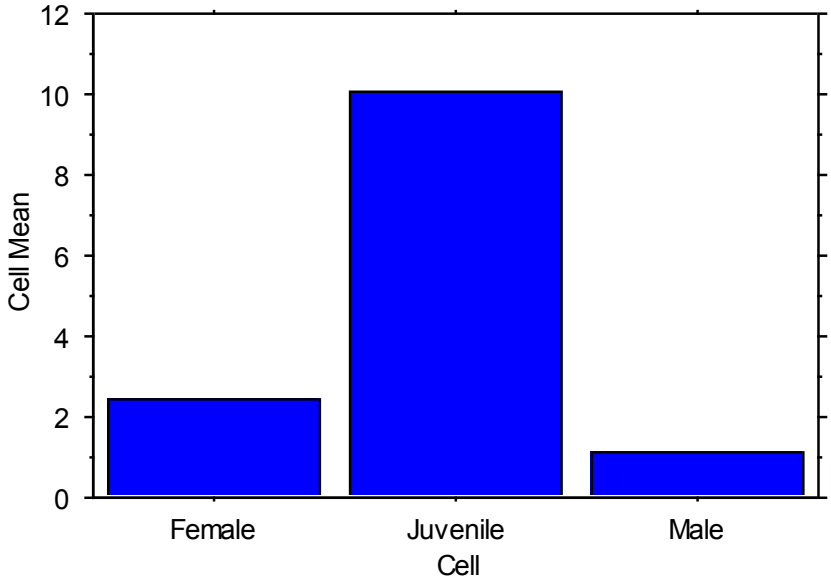
ANOVA Table for (OF) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	188.180	94.090	4.744	.0150	9.488	.760
Residual	35	694.158	19.833				

Means Table for (OF) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	25	2.453	2.636	.527
Juvenile	3	10.042	16.099	9.295
Male	10	1.120	1.005	.318

Interaction Bar Plot for (OF) BN Telemetry
Effect: Gender



Fisher's PLSD for (OF) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-7.589	5.524	.0085	S
Female, Male	1.333	3.383	.4292	
Juvenile, Male	8.921	5.951	.0044	S

Gender vs Telemetry BN Home Range

Dense Forest (DF)

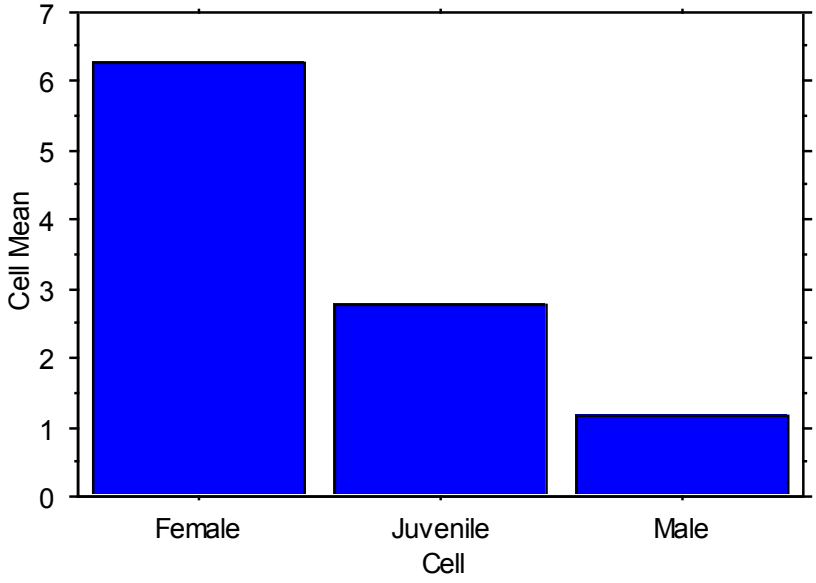
ANOVA Table for (DF) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	209.795	104.898	3.751	.0331	7.503	.645
Residual	36	1006.622	27.962				

Means Table for (DF) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	25	6.287	6.415	1.283
Juvenile	3	2.778	2.706	1.562
Male	11	1.180	.668	.202

Interaction Bar Plot for (DF) BN Telemetry
Effect: Gender



Fisher's PLSD for (DF) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	3.509	6.553	.2847	
Female, Male	5.108	3.880	.0113	S
Juvenile, Male	1.599	6.985	.6454	

Gender vs Telemetry BN Home Range

Flood Plain (FP)

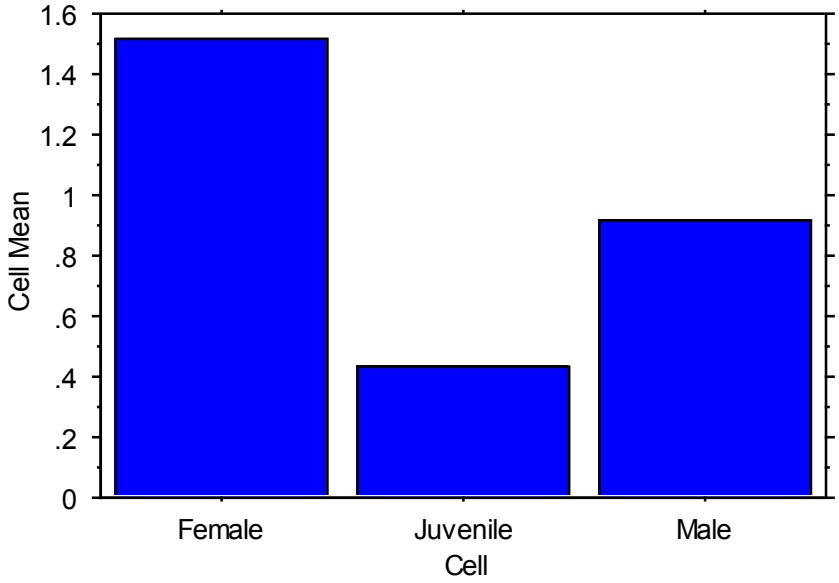
ANOVA Table for (FP) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	2.495	1.247	.872	.4317	1.743	.176
Residual	23	32.917	1.431				

Means Table for (FP) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	19	1.516	1.323	.303
Juvenile	1	.435	•	•
Male	6	.914	.532	.217

Interaction Bar Plot for (FP) BN Telemetry
Effect: Gender



Fisher's PLSD for (FP) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	1.081	2.539	.3876
Female, Male	.602	1.159	.2939
Juvenile, Male	-.479	2.673	.7141

Gender vs Telemetry BN Home Range

Tidal Wetland (TW)

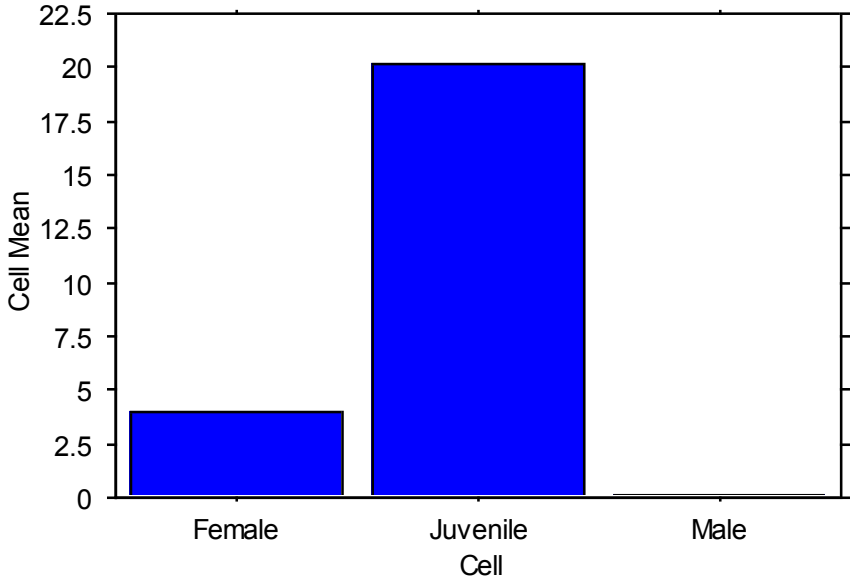
ANOVA Table for (TW) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	569.599	284.799	4.863	.0178	9.726	.746
Residual	22	1288.407	58.564				

Means Table for (TW) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	19	4.011	5.475	1.256
Juvenile	2	20.150	27.366	19.351
Male	4	.139	.096	.048

Interaction Bar Plot for (TW) BN Telemetry
Effect: Gender



Fisher's PLSD for (TW) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-16.139	11.798	.0096	S
Female, Male	3.871	8.731	.3678	
Juvenile, Male	20.010	13.744	.0063	S

Gender vs Telemetry BN Home Range
Phragmites (PH)

N/A

Gender vs Telemetry BN Home Range
Scrub Shrub (SS)

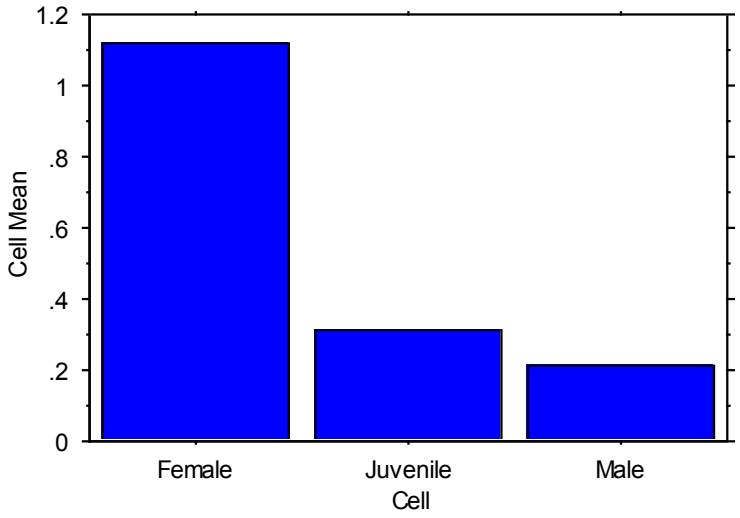
ANOVA Table for (SS) BN Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	5.119	2.560	2.024	.1533	4.047	.367
Residual	25	31.621	1.265				

Means Table for (SS) BN Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	18	1.121	1.360	.321
Juvenile	2	.311	.014	.010
Male	8	.210	.162	.057

Interaction Bar Plot for (SS) BN Telemetry
Effect: Gender



Fisher's PLSD for (SS) BN Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.810	1.726	.3433
Female, Male	.911	.984	.0681
Juvenile, Male	.101	1.831	.9101

Gender vs Compiled 90% Kernel Home Range

Meadow (M)

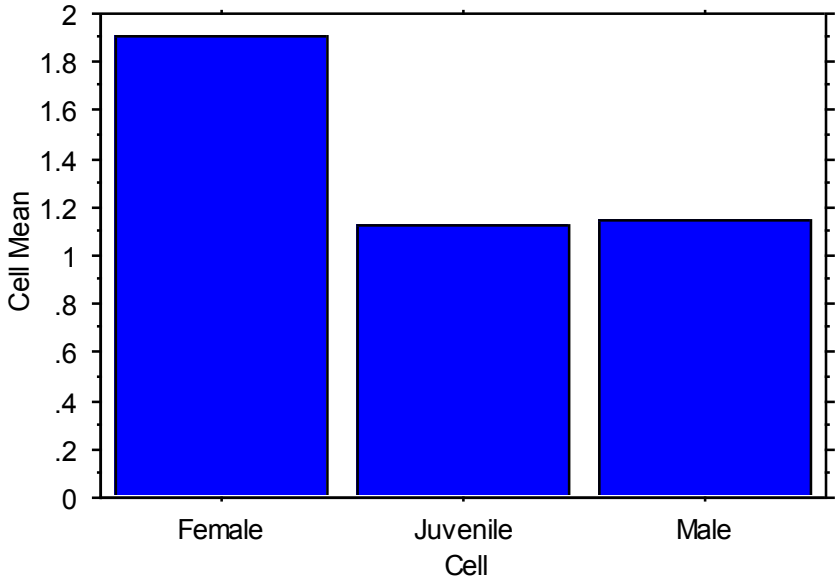
ANOVA Table for (M) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	7.544	3.772	1.780	.1785	3.561	.344
Residual	53	112.286	2.119				

Means Table for (M) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	35	1.902	1.651	.279
Juvenile	2	1.126	1.511	1.069
Male	19	1.146	.983	.225

Interaction Bar Plot for (M) 90% Compiled
Effect: Gender



Fisher's PLSD for (M) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.775	2.123	.4670
Female, Male	.756	.832	.0739
Juvenile, Male	-.019	2.170	.9860

Gender vs Compiled 90% Kernel Home Range

Open Forest (OF)

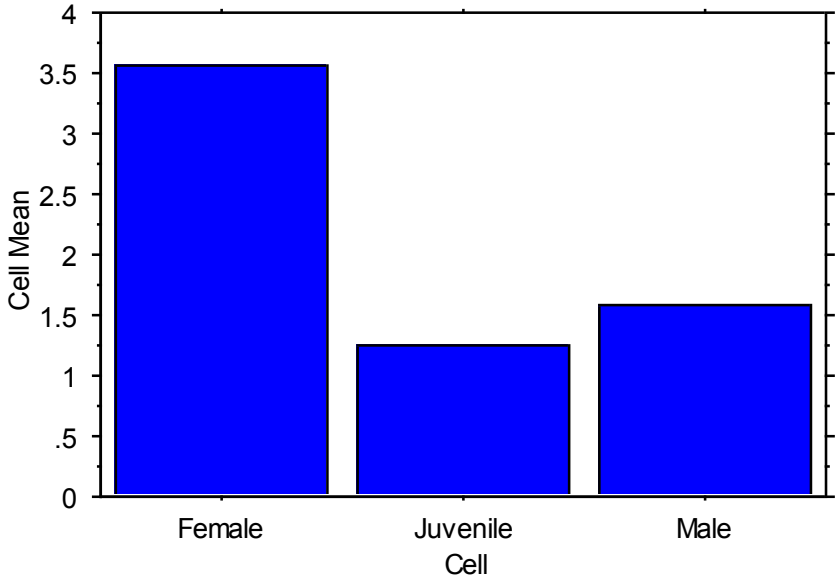
ANOVA Table for (OF) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	94.731	47.365	2.475	.0897	4.950	.474
Residual	93	1779.671	19.136				

Means Table for (OF) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	47	3.554	5.815	.848
Juvenile	2	1.257	.560	.396
Male	47	1.582	2.207	.322

Interaction Bar Plot for (OF) 90% Compiled
Effect: Gender



Fisher's PLSD for (OF) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	2.297	6.272	.4689	
Female, Male	1.972	1.792	.0314	S
Juvenile, Male	-.325	6.272	.9182	

Gender vs Compiled 90% Kernel Home Range

Dense Forest (DF)

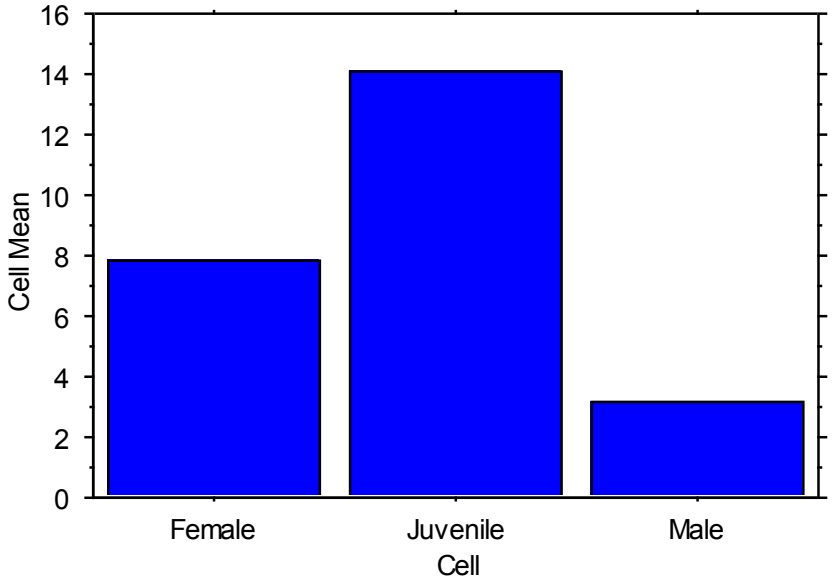
ANOVA Table for (DF) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	811.834	405.917	4.332	.0158	8.663	.743
Residual	97	9090.030	93.712				

Means Table for (DF) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	49	7.815	11.926	1.704
Juvenile	4	14.123	23.490	11.745
Male	47	3.126	3.636	.530

Interaction Bar Plot for (DF) 90% Compiled
Effect: Gender



Fisher's PLSD for (DF) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-6.308	9.991	.2132	
Female, Male	4.690	3.923	.0196	S
Juvenile, Male	10.997	10.007	.0316	S

Gender vs Compiled 90% Kernel Home Range

Flood Plain (FP)

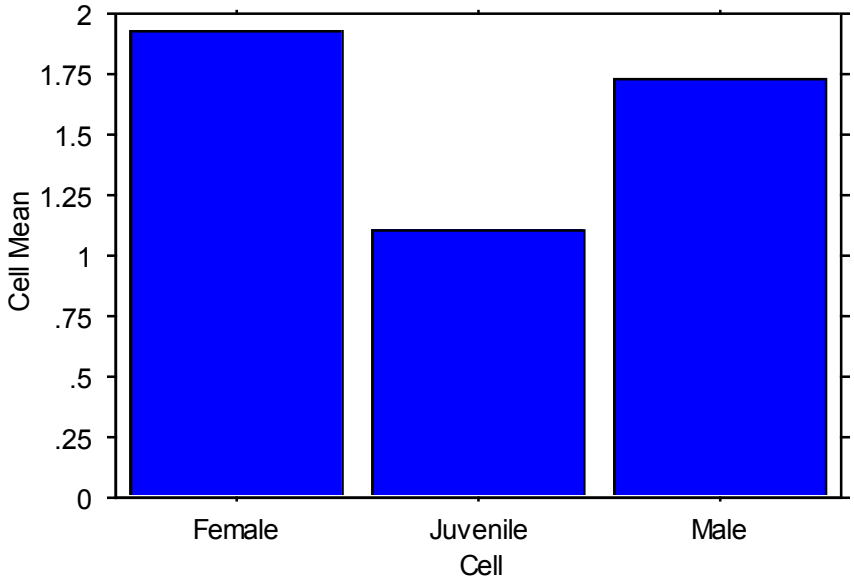
ANOVA Table for (FP) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	1.154	.577	.117	.8900	.233	.067
Residual	61	301.503	4.943				

Means Table for (FP) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	37	1.932	2.395	.394
Juvenile	1	1.106	•	•
Male	26	1.732	1.950	.382

Interaction Bar Plot for (FP) 90% Compiled
Effect: Gender



Fisher's PLSD for (FP) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.826	4.505	.7152
Female, Male	.200	1.138	.7266
Juvenile, Male	-.626	4.530	.7832

Gender vs Compiled 90% Kernel Home Range

Tidal Wetland (TW)

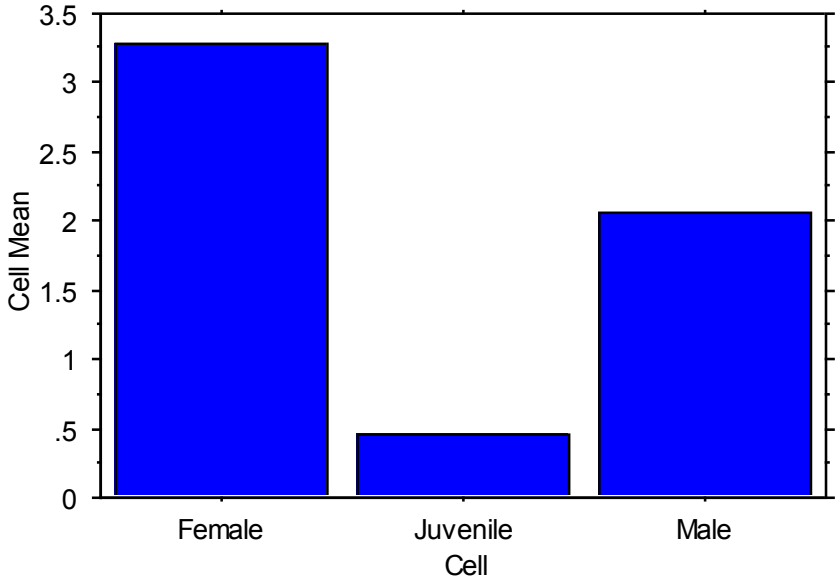
ANOVA Table for (TW) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	27.551	13.776	.389	.6797	.777	.108
Residual	59	2091.652	35.452				

Means Table for (TW) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	35	3.281	4.355	.736
Juvenile	1	.451	•	•
Male	26	2.058	7.607	1.492

Interaction Bar Plot for (TW) 90% Compiled
Effect: Gender



Fisher's PLSD for (TW) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	2.830	12.083	.6411
Female, Male	1.223	3.085	.4308
Juvenile, Male	-1.607	12.141	.7921

Gender vs Compiled 90% Kernel Home Range
Phragmites (PH)

N/A

Gender vs Compiled 90% Kernel Home Range
Scrub Shrub (SS)

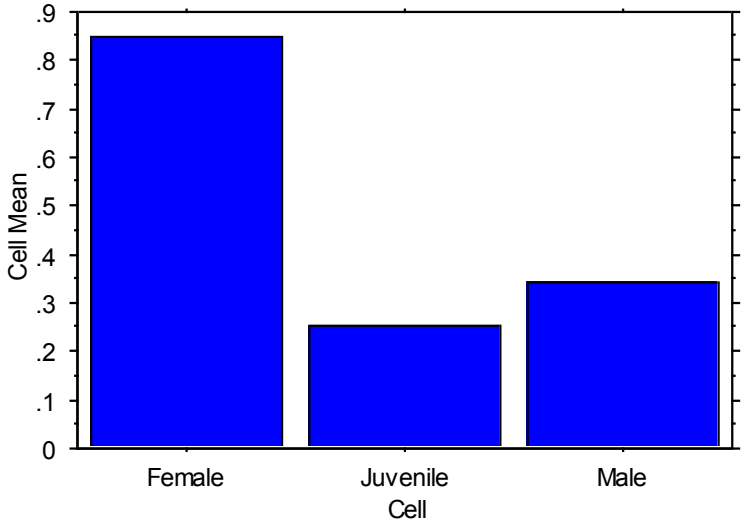
ANOVA Table for (SS) 90% Compiled

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	4.959	2.480	2.656	.0769	5.313	.501
Residual	74	69.076	.933				

Means Table for (SS) 90% Compiled
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	42	.849	1.212	.187
Juvenile	1	.255	•	•
Male	34	.342	.517	.089

Interaction Bar Plot for (SS) 90% Compiled
Effect: Gender



Fisher's PLSD for (SS) 90% Compiled
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.594	1.948	.5456	
Female, Male	.507	.444	.0259	S
Juvenile, Male	-.087	1.953	.9298	

Gender vs Random 90% Kernel Home Range

Meadow (M)

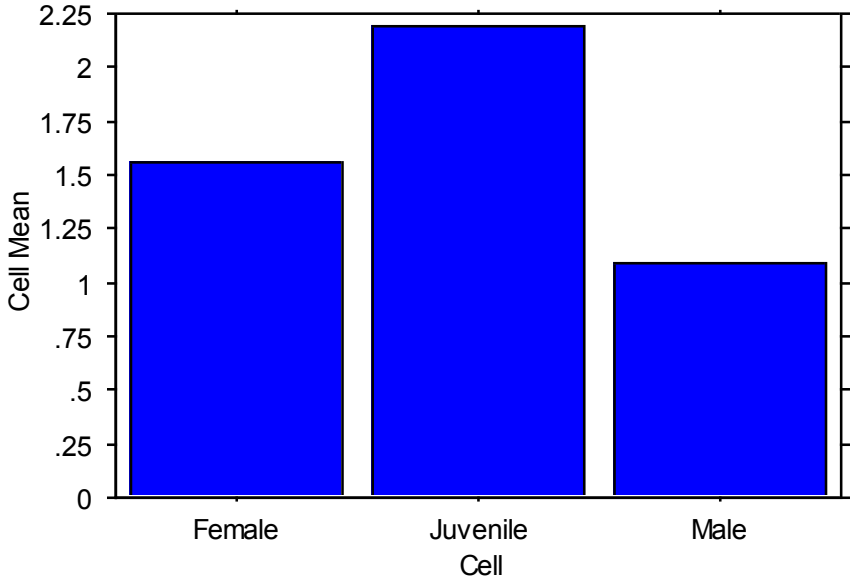
ANOVA Table for (M) 90% Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	3.000	1.500	.679	.5124	1.358	.153
Residual	43	94.971	2.209				

Means Table for (M) 90% Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	26	1.555	1.752	.344
Juvenile	1	2.195	•	•
Male	19	1.096	1.007	.231

Interaction Bar Plot for (M) 90% Random
Effect: Gender



Fisher's PLSD for (M) 90% Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	-.640	3.054	.6748
Female, Male	.460	.905	.3112
Juvenile, Male	1.099	3.075	.4748

Gender vs Random 90% Kernel Home Range

Open Forest (OF)

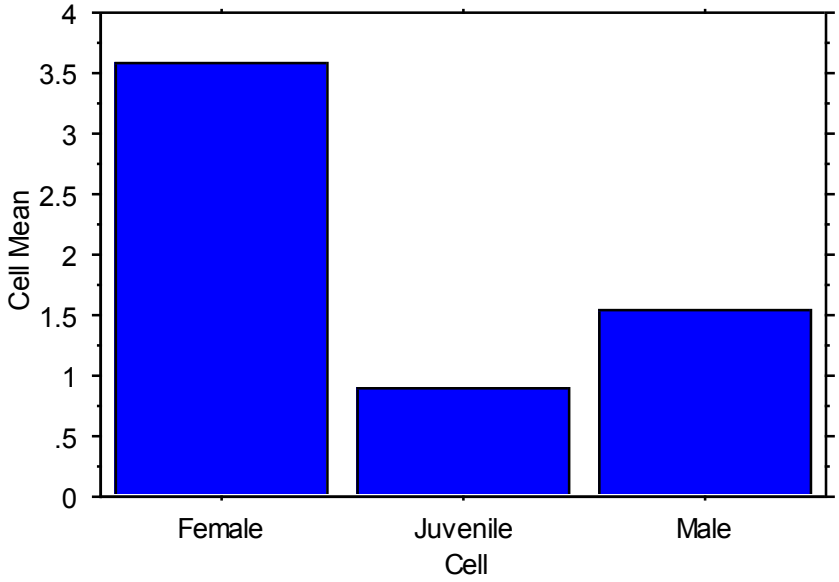
ANOVA Table for (OF) 90% Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	84.723	42.362	1.990	.1436	3.980	.387
Residual	77	1638.939	21.285				

Means Table for (OF) 90% Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	36	3.575	6.486	1.081
Juvenile	2	.901	1.063	.751
Male	42	1.545	2.008	.310

Interaction Bar Plot for (OF) 90% Random
Effect: Gender



Fisher's PLSD for (OF) 90% Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	2.673	6.674	.4276
Female, Male	2.030	2.087	.0564
Juvenile, Male	-.643	6.649	.8477

Gender vs Random 90% Kernel Home Range

Dense Forest (DF)

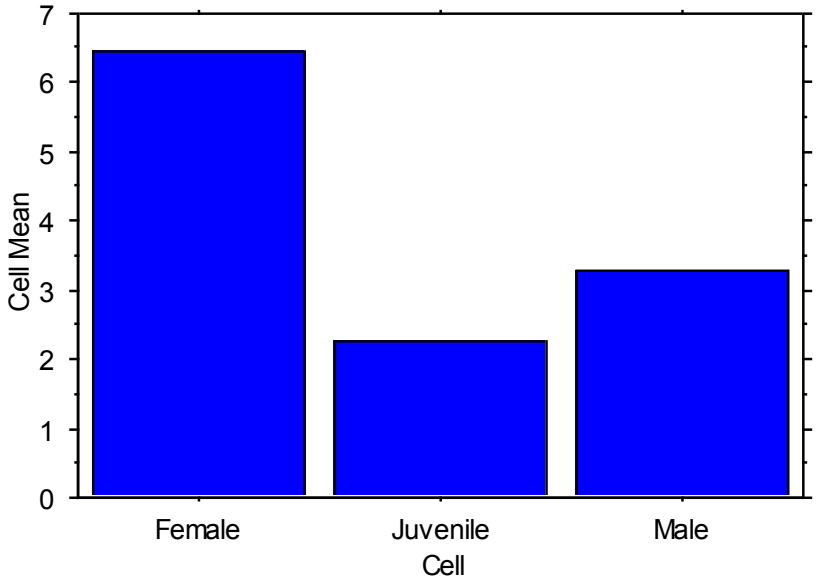
ANOVA Table for (DF) 90% Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	212.668	106.334	1.305	.2770	2.610	.264
Residual	79	6437.964	81.493				

Means Table for (DF) 90% Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	38	6.441	12.535	2.033
Juvenile	2	2.244	2.409	1.704
Male	42	3.274	3.884	.599

Interaction Bar Plot for (DF) 90% Random
Effect: Gender



Fisher's PLSD for (DF) 90% Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	4.197	13.036	.5235
Female, Male	3.167	4.023	.1211
Juvenile, Male	-1.029	13.005	.8752

Gender vs Random 90% Kernel Home Range

Flood Plain (FP)

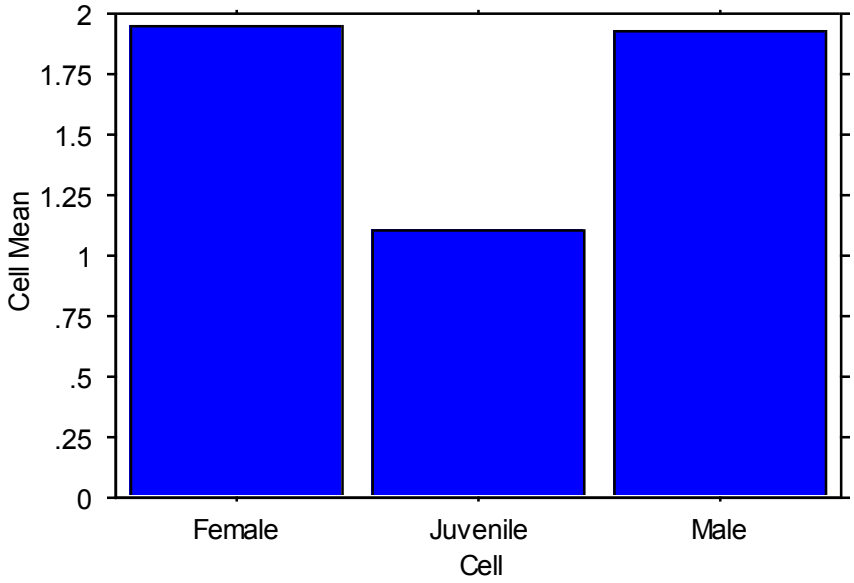
ANOVA Table for (FP) 90% Random

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	.683	.341	.054	.9474	.108	.058
Residual	46	290.209	6.309				

Means Table for (FP) 90% Random
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	27	1.947	2.761	.531
Juvenile	1	1.106	•	•
Male	21	1.927	2.145	.468

Interaction Bar Plot for (FP) 90% Random
Effect: Gender



Fisher's PLSD for (FP) 90% Random
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	.841	5.149	.7439
Female, Male	.020	1.471	.9782
Juvenile, Male	-.821	5.175	.7510

Gender vs Random 90% Kernel Home Range

Tidal Wetland (TW), Phragmites (PH), & Scrub Shrub (SS)

Gender vs Telemetry 90% Kernel Home Range

Meadow (M)

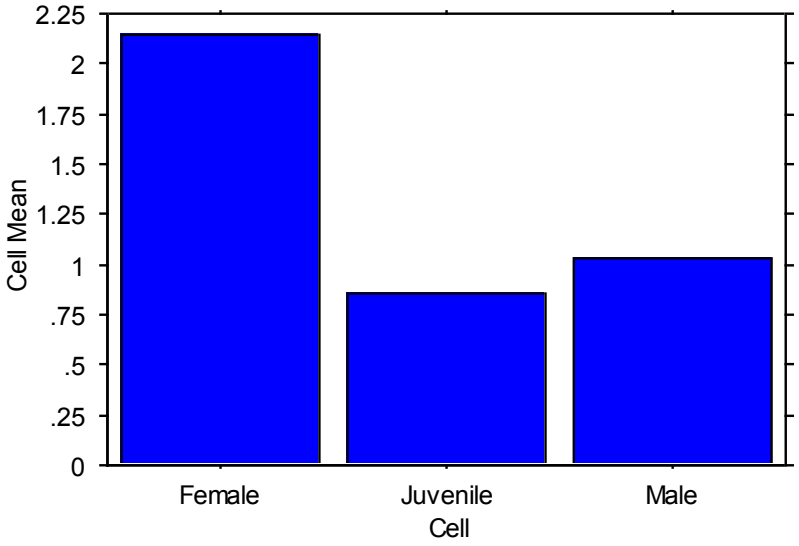
ANOVA Table for (M) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	5.095	2.548	.748	.4869	1.495	.154
Residual	19	64.740	3.407				

Means Table for (M) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	18	2.144	1.890	.445
Juvenile	3	.855	1.420	.820
Male	1	1.030	•	•

Interaction Bar Plot for (M) 90% Telemetry
Effect: Gender



Fisher's PLSD for (M) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	1.289	2.409	.2769
Female, Male	1.114	3.969	.5640
Juvenile, Male	-.175	4.461	.9354

Gender vs Telemetry 90% Kernel Home Range

Open Forest (OF)

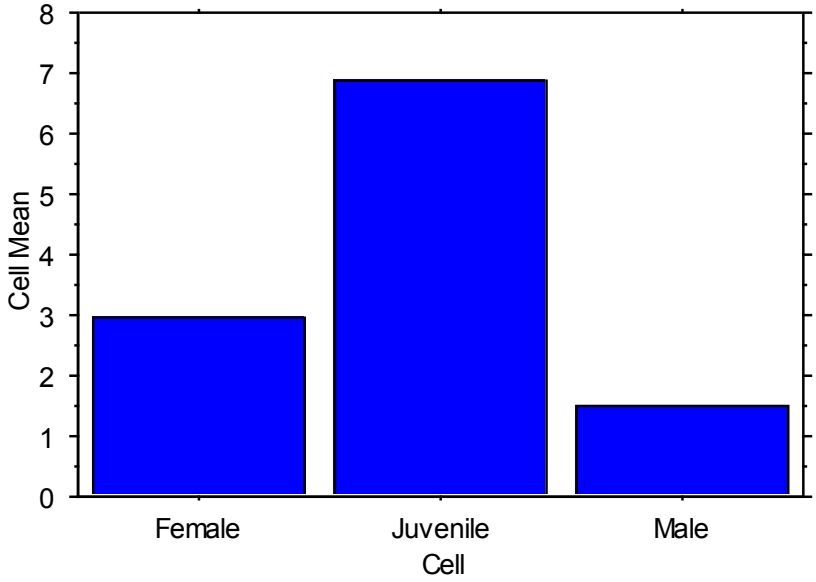
ANOVA Table for (OF) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	71.082	35.541	2.283	.1166	4.565	.422
Residual	36	560.521	15.570				

Means Table for (OF) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	2.949	3.397	.693
Juvenile	3	6.874	10.641	6.144
Male	12	1.485	2.498	.721

Interaction Bar Plot for (OF) 90% Telemetry
Effect: Gender



Fisher's PLSD for (OF) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-3.925	4.901	.1130	
Female, Male	1.464	2.829	.3009	
Juvenile, Male	5.389	5.166	.0413	S

Gender vs Telemetry 90% Kernel Home Range

Dense Forest (DF)

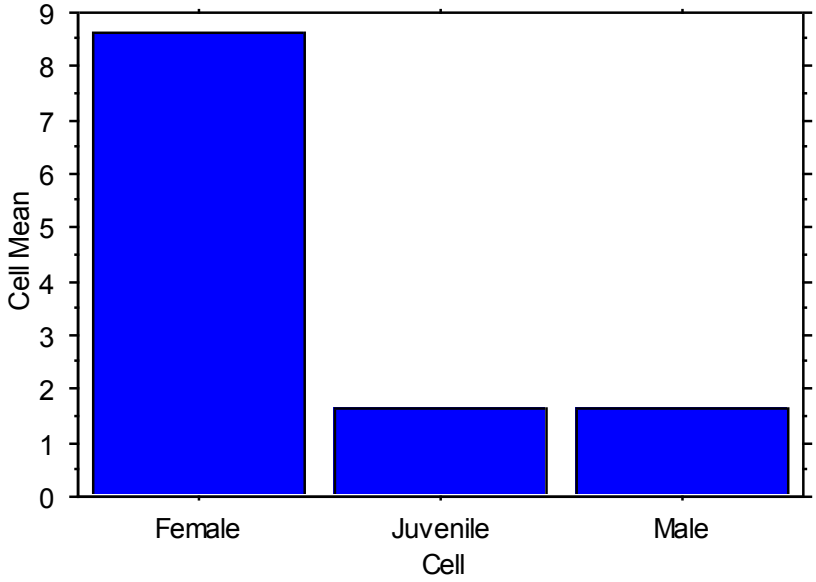
ANOVA Table for (DF) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	451.766	225.883	3.875	.0299	7.750	.661
Residual	36	2098.649	58.296				

Means Table for (DF) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	24	8.626	9.502	1.940
Juvenile	3	1.660	.927	.535
Male	12	1.622	1.359	.392

Interaction Bar Plot for (DF) 90% Telemetry
Effect: Gender



Fisher's PLSD for (DF) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	6.966	9.482	.1450	
Female, Male	7.003	5.475	.0136	S
Juvenile, Male	.037	9.995	.9940	

Gender vs Telemetry 90% Kernel Home Range

Flood Plain (FP)

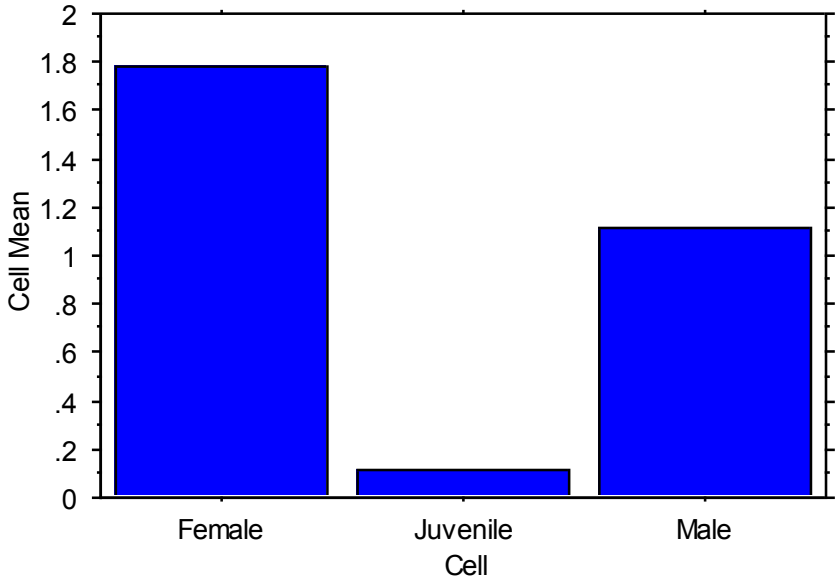
ANOVA Table for (FP) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	4.457	2.228	1.282	.2958	2.564	.243
Residual	24	41.718	1.738				

Means Table for (FP) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	19	1.786	1.399	.321
Juvenile	1	.117	•	•
Male	7	1.112	1.041	.394

Interaction Bar Plot for (FP) 90% Telemetry
Effect: Gender



Fisher's PLSD for (FP) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Female, Juvenile	1.669	2.792	.2291
Female, Male	.674	1.203	.2588
Juvenile, Male	-.995	2.909	.4870

Gender vs Telemetry 90% Kernel Home Range

Tidal Wetland (TW)

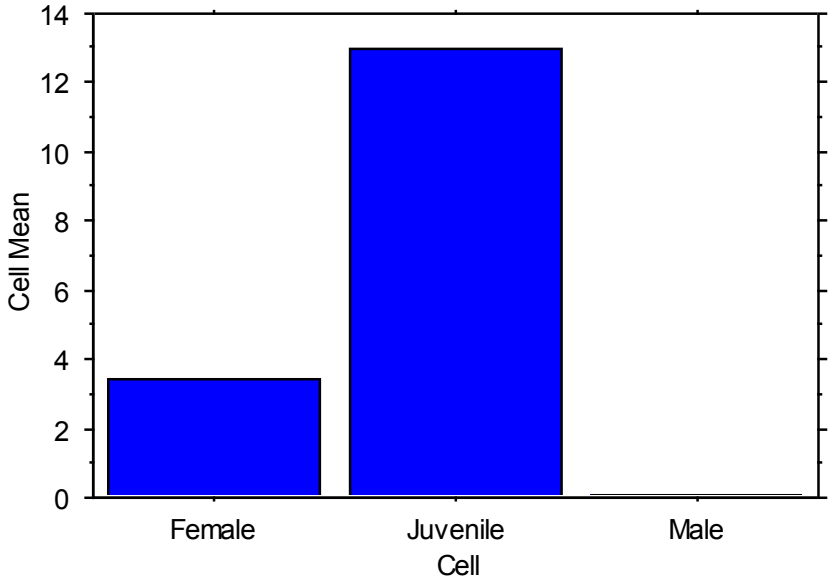
ANOVA Table for (TW) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	249.338	124.669	4.738	.0194	9.476	.734
Residual	22	578.859	26.312				

Means Table for (TW) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	17	3.396	4.120	.999
Juvenile	2	12.996	17.526	12.392
Male	6	.103	.145	.059

Interaction Bar Plot for (TW) 90% Telemetry
Effect: Gender



Fisher's PLSD for (TW) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	-9.600	7.952	.0202	S
Female, Male	3.293	5.052	.1902	
Juvenile, Male	12.892	8.686	.0055	S

Gender vs Telemetry 90% Kernel Home Range
Phragmites (PH)

N/A

Gender vs Telemetry 90% Kernel Home Range
Scrub Shrub (SS)

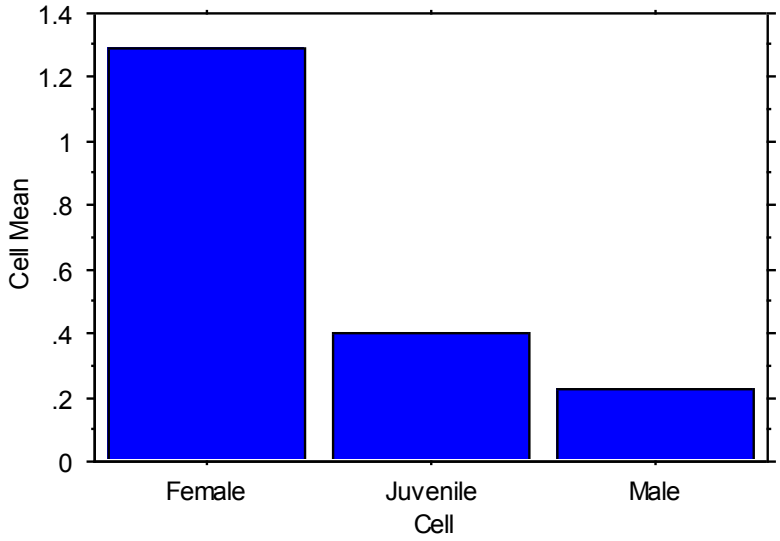
ANOVA Table for (SS) 90% Telemetry

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Gender	2	7.286	3.643	2.543	.0980	5.086	.453
Residual	26	37.243	1.432				

Means Table for (SS) 90% Telemetry
Effect: Gender

	Count	Mean	Std. Dev.	Std. Err.
Female	19	1.293	1.435	.329
Juvenile	1	.401	•	•
Male	9	.223	.159	.053

Interaction Bar Plot for (SS) 90% Telemetry
Effect: Gender



Fisher's PLSD for (SS) 90% Telemetry
Effect: Gender
Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value	
Female, Juvenile	.892	2.524	.4741	
Female, Male	1.070	.995	.0361	S
Juvenile, Male	.178	2.593	.8887	