**Additional File 3.** Asymptote analysis (left) and KDE utilization distributions (right) for 25 feral cat home ranges. Asymptote data added randomly at 15-fix intervals for feral cat seasonal home ranges calculated at the 95% KDE utilization distribution with number of fixes listed on the x-axis and area (m2) on the y-axis. Seasonal home ranges are sufficiently described when 75-100% of fixes are within 5% total kernal area (represented in grey) which was achieved for all individuals in the analysis. KDE utilisation distributions use the reference bandwidth showing 95% and 50% (core) isopleths; axes indicate UTM position coordinates in WGS 1984 zone 51S.Animals lised in sequential order from Table S1 starting with Cat 2. (Animals with insufficient data are not represented).

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| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115037\plots\animal_2_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115037\plots\animal_2_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115132\plots\animal_3_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115132\plots\animal_3_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115216\plots\animal_4_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115216\plots\animal_4_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115258\plots\animal_5_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115258\plots\animal_5_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115346\plots\animal_6_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115346\plots\animal_6_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115431\plots\animal_8_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115431\plots\animal_8_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115709\plots\animal_9_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115709\plots\animal_9_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115906\plots\animal_10_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107115906\plots\animal_10_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120238\plots\animal_11_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120238\plots\animal_11_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120344\plots\animal_12_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120344\plots\animal_12_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120419\plots\animal_13_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120419\plots\animal_13_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120537\plots\animal_14_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120537\plots\animal_14_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120756\plots\animal_15_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120756\plots\animal_15_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120901\plots\animal_16_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120901\plots\animal_16_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120942\plots\animal_17_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107120942\plots\animal_17_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121117\plots\animal_18_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121117\plots\animal_18_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121409\plots\animal_19_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121409\plots\animal_19_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121659\plots\animal_20_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121659\plots\animal_20_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121851\plots\animal_21_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107121851\plots\animal_21_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114306\plots\animal_A_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114306\plots\animal_A_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114406\plots\animal_B_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114406\plots\animal_B_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114453\plots\animal_C_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114453\plots\animal_C_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114532\plots\animal_E_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114532\plots\animal_E_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114658\plots\animal_F_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114658\plots\animal_F_rhrKDEhref.png |
| C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114751\plots\animal_G_rhrKDEhref_pAsym.png | C:\R\Collar_data\cats\RHR_OUTPUTS2\asymptotes\rhr-run-20160107114751\plots\animal_G_rhrKDEhref.png |