

Supplementary material 1 Density of rats (ind.ha⁻¹) according to capture session, species, sex and age. Density was estimated with SECR model : $D \sim 1$, $g_0 \sim \text{indgr} + \text{session}$, $\sigma \sim \text{indgr}$

Individual groups	Sept-oct 2014	Nov-dec 2014	March 2015	May 2015	July 2015	Sept 2015
Total	14.58 ± 2.66	33.61 ± 9.00	29.99 ± 3.46	16.38 ± 2.15	9.48 ± 1.84	12.51 ± 4.04
<i>R. exulans</i>	0	0	1.76 ± 0.68	3.35 ± 0.89	4.32 ± 1.13	2.34 ± 1.11
<i>R. rattus</i>	14.58 ± 2.66	33.61 ± 9.00	28.23 ± 3.36	13.03 ± 1.95	5.16 ± 1.35	10.17 ± 3.55
juveniles	0.27 ± 0.27	8.74 ± 2.74	9.94 ± 1.68	3.56 ± 0.93	1.59 ± 0.66	0
adult males	5.16 ± 1.29	11.39 ± 3.78	6.13 ± 1.35	3.71 ± 0.94	1.80 ± 0.72	5.17 ± 2.01
adult females	9.16 ± 2.13	13.47 ± 4.97	12.16 ± 2.41	5.75 ± 1.37	1.76 ± 0.83	4.99 ± 2.29