

**Table S6.** Results of the Games-Howell post-hoc test, associated with Table S5. The mean difference is expressed as a mean of species 1 minus that of species 2. Asterisks for  $p < 0.05$ .

Age (Ma)	Species 1	Species 2	Mean difference	$p$
Recent	<i>Golunda ellioti</i>	<i>Rattus</i> sp. + <i>Millardia</i> sp.	12.6	<0.001*
	<i>Golunda ellioti</i>	<i>Mus</i> spp.	4.5	0.01*
	<i>Rattus</i> sp. + <i>Millardia</i> sp.	<i>Mus</i> spp.	-8.1	<0.001*
6.5	<i>Parapelomys robertsi</i>	<i>Karnimata huxleyi</i>	-4.3	0.001*
	<i>Parapelomys robertsi</i>	<i>Mus auctor</i>	-2.4	0.02*
	<i>Karnimata huxleyi</i>	<i>Mus auctor</i>	1.8	0.11
7.4	<i>Karnimata</i> sp.	<i>Progonomys</i> sp.	0.8	0.76
	<i>Karnimata</i> sp.	<i>Mus</i> sp.	3.5	0.002*
	<i>Progonomys</i> sp.	<i>Mus</i> sp.	2.6	0.08