

1 **Appendix 1.** Abundance of mammals and effect size of the relationship between abundance and background radiation (z)
 2 transformed Pearson product-moment correlation coefficient) recorded during 161 line transects around Chernobyl in
 3 February 2009.

Species	Latin name	Abundance	Effect size (z)
Fox	<i>Vulpes vulpes</i>	147	-0.490
Wolf	<i>Canis lupus</i>	70	0.089
Hare	<i>Lepus europaeus</i>	49	-0.364
Mouse	<i>Apodemus sp.</i>	45	-0.087
Squirrel	<i>Sciurus vulgaris</i>	43	-0.141
Red deer	<i>Cervus elaphus</i>	23	-0.210
Przewalski's horse	<i>Equus przewalskii</i>	21	-0.075
Roe deer	<i>Capreolus capreolus</i>	13	-0.194
Moose	<i>Alces alces</i>	12	-0.022
Wild boar	<i>Sus scrofa</i>	11	-0.138
Marten	<i>Martes foina</i>	9	-0.011
Stoat	<i>Mustela erminea</i>	2	-0.133