**Table S4.** The maximal models for the abundance of *Sorex minutus*, *Crocidura russula*, *Myodes glareolus* and *Apodemus sylvaticus*. All continuous explanatory variables (Table S3) were centred (zero mean) and scaled (unit variance). All valid sub-models were also fitted and model averaging using AICc was performed to find the set of best fitting models and their coefficients (see main text and Tables S9-S12).

|  |  |  |
| --- | --- | --- |
| **Model** | **Response Variable** | **Explanatory Variables** |
| *S. minutus* | Sm0.5 | NumTraps + Rain + Lunar + Zone + arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000 + Cr + As + Mg + Zone\*(arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000) + Cr\*Mg + Cr\*As + Mg\*As + Zone\*(Cr + As + Mg) |
| *C. russula* | Cr0.5 | NumTraps + Rain + Lunar + Zone + arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000 + As + Mg + Zone\*(arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000) + Mg\*As + Zone\*(As + Mg) |
| *M. glareolus* | Mg0.5 | NumTraps + Rain + Lunar + Zone + arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000 + As + Cr + SmZone\*(arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000) + Zone\*As + As\*Cr + Sm\*Cr + As\*Sm |
| *A. sylvaticus* | As0.5 | NumTraps + Rain + Lunar + Zone + arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000 + Cr + Sm + Mg + Zone\*(arable.500 + forest.500 + grass.500 + arable.2000 + forest.2000 + grass.2000) + Cr\*Sm + Cr\*Mg + Mg\*Sm |