**Table S3.** **Results of Canonical Variates Analysis of all specimens using dietary preferences as grouping variable.** *n* refers to specimen number, whereas ‘group’ indicates the original dietary group. Probabilities of group membership (*p*) are given for predicted group and the next most probable group together with cross validated probabilities and discriminant scores. Miss-classified cases in bold. For a summary of classification results: see Table 3. For further details: see main text and Figures 4, S4 and Table S2.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | n | Group | Major group | | Second major group | | Cross-validation | | Discriminant scores | | | | | |
| **Predicted group** | **p** | **Predicted group** | **p** | **Predicted group** | **p** | **CV1** | **CV2** | **CV3** | **CV4** | **CV5** | **CV6** |
| *Aeromys tephromelas* | - | fruits | **leaves** | 0.997 | nuts | 0.003 | **leaves** | 1.000 | -2.925 | 2.218 | -3.216 | -0.879 | -0.857 | 0.249 |
| *Ammospermophilus leucurus* | 1 | herbivore ss | **seeds** | 0.996 | nuts | 0.001 | **seeds** | 0.997 | -0.278 | -1.345 | 2.104 | 0.614 | -1.520 | 0.546 |
| *Ammospermophilus leucurus* | 2 | herbivore ss | **seeds** | 0.713 | herbivore ss | 0.170 | **seeds** | 0.862 | -1.593 | -1.066 | 1.475 | 0.926 | -0.880 | 0.604 |
| *Atlantoxerus getulus* | 1 | seeds | seeds | 0.532 | nuts | 0.380 | **nuts** | 0.669 | -1.039 | -0.389 | 0.708 | 0.911 | -0.670 | -1.690 |
| *Atlantoxerus getulus* | 2 | seeds | seeds | 0.900 | fruits | 0.096 | seeds | 0.849 | 0.206 | -0.537 | 1.537 | -1.310 | -0.172 | -0.950 |
| *Atlantoxerus getulus* | 3 | seeds | seeds | 0.953 | fruits | 0.029 | seeds | 0.934 | -0.572 | -0.334 | 1.109 | -0.795 | -1.052 | 0.116 |
| *Atlantoxerus getulus* | 4 | seeds | seeds | 0.953 | fruits | 0.045 | seeds | 0.936 | -0.655 | 0.618 | 1.461 | -1.238 | -1.017 | -1.647 |
| *Atlantoxerus getulus* | 5 | seeds | seeds | 0.958 | fruits | 0.042 | seeds | 0.935 | 0.931 | 1.106 | 2.374 | -0.789 | -0.915 | -1.651 |
| *Atlantoxerus getulus* | 6 | seeds | seeds | 0.999 | fruits | 0.000 | seeds | 0.999 | 0.421 | -0.314 | 3.372 | 0.380 | -1.504 | 0.131 |
| *Atlantoxerus getulus* | 7 | seeds | seeds | 0.885 | fruits | 0.092 | seeds | 0.796 | 0.122 | 0.681 | 1.150 | -0.163 | -1.175 | -0.854 |
| *Atlantoxerus getulus* | 8 | seeds | seeds | 0.980 | fruits | 0.020 | seeds | 0.969 | 1.102 | -0.427 | 3.150 | 0.208 | -0.050 | -2.087 |
| *Atlantoxerus getulus* | 9 | seeds | seeds | 0.988 | fruits | 0.007 | seeds | 0.981 | -0.032 | 0.452 | 2.093 | 0.718 | -1.736 | -1.581 |
| *Atlantoxerus getulus* | 10 | seeds | seeds | 0.994 | fruits | 0.006 | seeds | 0.992 | 0.353 | 0.500 | 3.158 | -0.409 | -0.545 | 0.138 |
| *Belomys pearsonii* | 1 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -4.686 | 1.088 | -2.817 | -2.912 | -1.345 | -0.710 |
| *Belomys pearsonii* | 2 | leaves | leaves | 1.000 | herbivore ss | 0.000 | leaves | 1.000 | -4.753 | -0.255 | -2.956 | -1.478 | -0.511 | 1.014 |
| *Belomys pearsonii* | 3 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -5.018 | 1.246 | -1.587 | -2.150 | -1.222 | 0.354 |
| *Belomys pearsonii* | 4 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -4.576 | 0.126 | -2.792 | -1.996 | -0.745 | -0.802 |
| *Callosciurus erythraeus* | 1 | fruits | fruits | 0.960 | nuts | 0.019 | fruits | 0.951 | 1.114 | 0.679 | 0.320 | 0.443 | 1.501 | -0.106 |
| *Callosciurus erythraeus* | 2 | fruits | fruits | 0.987 | seeds | 0.011 | fruits | 0.982 | 1.729 | 1.626 | 0.644 | -1.357 | 1.296 | -0.841 |
| *Callosciurus erythraeus* | 3 | fruits | fruits | 0.982 | insects | 0.017 | fruits | 0.973 | 0.671 | 1.008 | 0.540 | -1.300 | 3.385 | 0.645 |
| *Callosciurus erythraeus* | 4 | fruits | fruits | 0.896 | seeds | 0.102 | fruits | 0.832 | 2.168 | 0.138 | 1.108 | -1.190 | 0.771 | -1.978 |
| *Callosciurus erythraeus* | 5 | fruits | fruits | 0.941 | nuts | 0.040 | fruits | 0.921 | 0.543 | 1.165 | -0.874 | -0.578 | 1.026 | -0.378 |
| *Callosciurus erythraeus* | 6 | fruits | fruits | 0.985 | seeds | 0.012 | fruits | 0.981 | 1.428 | 0.902 | 1.088 | -0.560 | 2.088 | -0.555 |
| *Callosciurus erythraeus* | 7 | fruits | fruits | 0.942 | seeds | 0.030 | fruits | 0.904 | 2.027 | 1.253 | 0.442 | -0.573 | 0.559 | -0.014 |
| *Callosciurus erythraeus* | 8 | fruits | fruits | 0.976 | insects | 0.015 | fruits | 0.963 | 0.608 | 1.381 | 0.049 | -0.904 | 1.867 | 0.236 |
| *Callosciurus erythraeus* | 9 | fruits | fruits | 0.920 | nuts | 0.048 | fruits | 0.890 | 0.768 | 0.686 | -0.475 | -0.031 | 0.966 | -0.216 |
| *Callosciurus erythraeus* | 10 | fruits | fruits | 0.958 | insects | 0.037 | fruits | 0.940 | 1.616 | 0.449 | -0.637 | -1.248 | 0.933 | -0.822 |
| *Cynomys ludovicianus* | 1 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -4.580 | -3.008 | 2.518 | 2.213 | 0.946 | -0.524 |
| *Cynomys ludovicianus* | 2 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -5.034 | -4.260 | 0.893 | 1.821 | 0.777 | 1.009 |
| *Cynomys ludovicianus* | 3 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -5.289 | -3.346 | 1.530 | 1.359 | -0.978 | 0.836 |
| *Cynomys ludovicianus* | 4 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -4.343 | -4.131 | 1.321 | 1.332 | 0.725 | 0.209 |
| *Cynomys ludovicianus* | 5 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -4.156 | -3.325 | 1.213 | 0.233 | 0.029 | -0.745 |
| *Cynomys ludovicianus* | 6 | herbivore ss | herbivore ss | 1.000 | leaves | 0.000 | herbivore ss | 1.000 | -4.925 | -6.100 | -0.587 | 1.202 | 0.318 | 2.037 |
| *Cynomys ludovicianus* | 7 | herbivore ss | herbivore ss | 1.000 | leaves | 0.000 | herbivore ss | 1.000 | -4.821 | -2.911 | 0.887 | 0.609 | 0.541 | 0.614 |
| *Dremomys rufigenis* | 1 | insects | insects | 0.944 | seeds | 0.037 | insects | 0.845 | 1.448 | 0.544 | 0.270 | -0.170 | -1.370 | 2.926 |
| *Dremomys rufigenis* | 2 | insects | **fruits** | 0.663 | insects | 0.278 | **fruits** | 0.798 | 1.485 | 0.819 | 0.130 | -0.559 | 0.251 | 0.917 |
| *Dremomys rufigenis* | 3 | insects | **fruits** | 0.936 | insects | 0.026 | **fruits** | 0.952 | 0.742 | 0.868 | 0.482 | 0.259 | 1.857 | 0.747 |
| *Dremomys rufigenis* | 4 | insects | **fruits** | 0.558 | insects | 0.429 | **fruits** | 0.781 | 2.404 | 0.941 | 0.504 | -1.658 | 1.064 | 1.221 |
| *Dremomys rufigenis* | 5 | insects | insects | 0.442 | fruits | 0.398 | **fruits** | 0.526 | 1.771 | 0.821 | 1.212 | -0.690 | 0.442 | 1.775 |
| *Epixerus ebii* | 1 | nuts | nuts | 0.614 | seeds | 0.316 | **seeds** | 0.561 | 0.637 | 2.730 | 1.662 | 1.209 | -1.104 | 1.413 |
| *Epixerus ebii* | 2 | nuts | nuts | 0.999 | seeds | 0.001 | nuts | 0.997 | -1.045 | 0.573 | -1.548 | 1.139 | -3.096 | 0.438 |
| *Epixerus ebii* | 3 | nuts | nuts | 0.981 | fruits | 0.014 | nuts | 0.939 | -0.059 | 1.894 | -0.567 | 1.327 | -1.702 | -1.374 |
| *Eupetaurus cinereus* | 1 | herbivore ss | **leaves** | 0.999 | insects | 0.001 | **leaves** | 1.000 | -1.918 | 0.238 | -2.815 | -3.775 | -0.517 | 1.194 |
| *Exilisiciurus exilis* | 1 | bark gleaner | bark gleaner | 0.952 | insects | 0.048 | bark gleaner | 0.837 | 2.790 | -2.216 | -2.688 | -0.629 | -0.919 | 1.205 |
| *Exilisiciurus exilis* | 2 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 0.999 | 2.805 | -3.002 | -2.284 | 0.971 | -1.509 | 0.514 |
| *Exilisiciurus exilis* | 3 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 0.998 | 2.892 | -2.868 | -3.339 | -0.498 | -0.695 | 0.058 |
| *Exilisiciurus exilis* | 4 | bark gleaner | bark gleaner | 0.999 | insects | 0.001 | bark gleaner | 0.996 | 3.991 | -3.449 | -1.963 | -1.235 | -0.865 | 1.078 |
| *Exilisiciurus exilis* | 5 | bark gleaner | bark gleaner | 0.992 | insects | 0.008 | bark gleaner | 0.964 | 2.954 | -3.555 | -2.756 | -0.507 | -0.248 | 2.117 |
| *Exilisiciurus exilis* | 6 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.584 | -2.601 | -2.846 | -0.573 | 0.257 | -0.715 |
| *Funambulus palmarum* | 1 | fruits | fruits | 0.876 | seeds | 0.103 | fruits | 0.788 | 2.889 | -0.251 | 0.383 | -1.724 | -0.062 | -1.948 |
| *Funambulus palmarum* | 2 | fruits | **insects** | 0.490 | fruits | 0.441 | **insects** | 0.696 | 1.967 | -0.835 | 0.136 | -0.784 | 0.319 | 0.149 |
| *Funambulus palmarum* | 3 | fruits | fruits | 0.504 | insects | 0.325 | **insects** | 0.469 | 2.745 | -1.342 | 0.706 | -0.586 | 0.376 | -0.297 |
| *Funambulus palmarum* | 4 | fruits | fruits | 0.910 | insects | 0.050 | fruits | 0.729 | 2.387 | -0.285 | -0.806 | 0.999 | 0.557 | -0.637 |
| *Funambulus palmarum* | 5 | fruits | **insects** | 0.411 | fruits | 0.342 | **insects** | 0.433 | 3.218 | -1.058 | 0.068 | -0.746 | -0.575 | -0.510 |
| *Funambulus palmarum* | 6 | fruits | fruits | 0.388 | seeds | 0.385 | **seeds** | 0.486 | 2.596 | -1.266 | 0.744 | 0.431 | -0.279 | -0.192 |
| *Funambulus palmarum* | 7 | fruits | fruits | 0.800 | insects | 0.188 | fruits | 0.598 | 2.979 | 0.105 | -0.093 | 0.474 | 0.719 | 0.397 |
| *Funambulus palmarum* | 8 | fruits | fruits | 0.972 | seeds | 0.022 | fruits | 0.956 | 2.425 | 0.890 | 1.116 | -0.193 | 1.415 | -0.403 |
| *Funisciurus congicus* | 1 | nuts | nuts | 0.996 | fruits | 0.003 | nuts | 0.995 | -0.933 | 2.265 | -1.097 | 1.304 | 0.119 | 0.751 |
| *Funisciurus congicus* | 2 | nuts | nuts | 0.965 | fruits | 0.034 | nuts | 0.942 | -0.946 | 1.481 | -0.262 | 1.166 | 0.770 | 0.513 |
| *Funisciurus congicus* | 3 | nuts | nuts | 0.914 | fruits | 0.068 | nuts | 0.864 | -1.499 | 0.226 | 0.458 | 1.235 | 1.036 | 0.089 |
| *Funisciurus congicus* | 4 | nuts | **fruits** | 0.694 | nuts | 0.297 | **fruits** | 0.851 | 0.180 | 0.992 | 0.205 | 1.202 | 2.173 | 0.645 |
| *Funisciurus congicus* | 5 | nuts | nuts | 0.905 | fruits | 0.074 | nuts | 0.818 | -0.864 | -0.090 | -2.290 | 0.173 | 0.204 | -0.215 |
| *Funisciurus congicus* | 6 | nuts | nuts | 0.716 | fruits | 0.276 | nuts | 0.598 | -0.098 | 1.397 | -0.094 | 0.970 | 0.793 | 0.089 |
| *Funisciurus congicus* | 7 | nuts | **fruits** | 0.911 | seeds | 0.061 | **fruits** | 0.928 | 0.636 | 0.642 | 0.579 | 0.134 | 0.932 | -0.677 |
| *Funisciurus congicus* | 8 | nuts | nuts | 0.638 | fruits | 0.351 | **fruits** | 0.560 | -0.221 | 1.045 | 0.172 | 1.302 | 0.964 | -0.889 |
| *Funisciurus congicus* | 9 | nuts | nuts | 0.974 | fruits | 0.026 | nuts | 0.958 | -1.069 | 2.044 | -0.617 | 1.445 | 2.016 | 1.063 |
| *Funisciurus congicus* | 10 | nuts | **fruits** | 0.601 | nuts | 0.343 | **fruits** | 0.728 | -0.416 | -0.161 | -0.452 | 0.484 | 1.479 | 0.320 |
| *Glaucomys volans* | 1 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | -0.505 | 1.611 | -1.897 | 2.260 | -1.556 | 0.885 |
| *Glaucomys volans* | 2 | nuts | nuts | 0.987 | fruits | 0.011 | nuts | 0.983 | -0.591 | 0.989 | -1.349 | 0.768 | -1.084 | 0.015 |
| *Glaucomys volans* | 3 | nuts | nuts | 0.884 | insects | 0.052 | nuts | 0.797 | -0.706 | 1.738 | -1.436 | -1.036 | -1.686 | 0.875 |
| *Glaucomys volans* | 4 | nuts | nuts | 0.990 | fruits | 0.010 | nuts | 0.987 | -0.821 | 1.368 | -1.878 | 0.602 | -0.565 | -0.076 |
| *Glaucomys volans* | 5 | nuts | nuts | 0.997 | leaves | 0.001 | nuts | 0.994 | -1.322 | 0.740 | -2.434 | 0.926 | -1.137 | -0.557 |
| *Glaucomys volans* | 6 | nuts | **fruits** | 0.952 | insects | 0.035 | **fruits** | 0.956 | 0.855 | 0.438 | -1.022 | -0.819 | 0.965 | -0.703 |
| *Glaucomys volans* | 7 | nuts | nuts | 0.919 | fruits | 0.080 | nuts | 0.863 | -1.015 | 2.143 | -1.070 | 0.327 | 0.172 | -1.441 |
| *Heliosciurus gambianus* | 1 | fruits | fruits | 0.995 | nuts | 0.003 | fruits | 0.993 | -0.068 | 0.659 | 0.201 | -0.327 | 2.396 | -2.875 |
| *Heliosciurus gambianus* | 2 | fruits | fruits | 0.914 | nuts | 0.043 | fruits | 0.854 | 1.212 | 1.370 | 0.699 | 0.627 | 0.780 | -0.330 |
| *Heliosciurus gambianus* | 3 | fruits | fruits | 0.992 | seeds | 0.006 | fruits | 0.991 | 2.073 | 0.586 | 0.697 | -0.261 | 1.846 | -1.421 |
| *Heliosciurus gambianus* | 4 | fruits | fruits | 0.994 | nuts | 0.004 | fruits | 0.992 | 0.535 | 1.577 | -0.249 | -0.180 | 3.542 | -0.022 |
| *Heliosciurus gambianus* | 5 | fruits | fruits | 0.982 | seeds | 0.012 | fruits | 0.976 | 0.185 | 0.833 | 0.183 | -0.724 | 1.501 | -1.713 |
| *Heliosciurus gambianus* | 6 | fruits | fruits | 0.866 | nuts | 0.133 | fruits | 0.808 | 0.065 | 2.826 | -0.384 | -0.073 | 1.034 | -1.996 |
| *Heliosciurus gambianus* | 7 | fruits | fruits | 0.953 | nuts | 0.030 | fruits | 0.928 | 1.089 | 1.358 | -0.958 | -0.721 | -0.358 | -1.705 |
| *Heliosciurus gambianus* | 8 | fruits | fruits | 0.718 | nuts | 0.280 | fruits | 0.589 | -0.497 | 1.312 | 0.029 | 0.765 | 2.120 | -0.788 |
| *Heliosciurus gambianus* | 9 | fruits | fruits | 0.982 | nuts | 0.010 | fruits | 0.977 | 0.693 | 1.781 | -0.011 | -0.515 | 2.001 | 0.203 |
| *Heliosciurus gambianus* | 10 | fruits | fruits | 0.996 | seeds | 0.002 | fruits | 0.995 | 0.956 | 1.901 | 0.443 | -1.460 | 2.329 | -0.489 |
| *Hylopetes lepidus* | 1 | unknown | nuts | 0.686 | fruits | 0.313 | - | - | -1.810 | 2.646 | -0.385 | -0.352 | 2.054 | -0.210 |
| *Hylopetes lepidus* | 2 | unknown | nuts | 0.853 | fruits | 0.111 | - | - | -1.966 | 1.108 | -1.320 | -0.386 | 1.387 | 0.169 |
| *Hylopetes lepidus* | 3 | unknown | nuts | 0.919 | fruits | 0.080 | - | - | -1.695 | 2.941 | -0.276 | 0.084 | 1.335 | 0.001 |
| *Hylopetes lepidus* | 4 | unknown | nuts | 0.727 | fruits | 0.269 | - | - | -1.365 | 2.283 | -1.241 | -0.360 | 1.114 | -1.270 |
| *Hylopetes lepidus* | 5 | unknown | fruits | 0.479 | nuts | 0.405 | - | - | -1.003 | 0.562 | -1.022 | -1.174 | -0.462 | -0.701 |
| *Hylopetes lepidus* | 6 | unknown | nuts | 0.904 | leaves | 0.086 | - | - | -2.365 | 1.911 | -0.885 | -0.239 | -0.633 | -1.132 |
| *Hylopetes lepidus* | 7 | unknown | nuts | 0.837 | fruits | 0.145 | - | - | -1.149 | 3.162 | -0.294 | -0.991 | -0.617 | -0.022 |
| *Iomys horsfieldii* | 1 | fruits | **seeds** | 0.588 | fruits | 0.370 | **seeds** | 0.795 | -0.979 | 2.198 | 1.283 | -1.296 | -0.213 | -1.041 |
| *Iomys horsfieldii* | 2 | fruits | **nuts** | 0.822 | fruits | 0.112 | **nuts** | 0.908 | -1.824 | 0.717 | 0.358 | 0.205 | 0.320 | -0.555 |
| *Iomys horsfieldii* | 3 | fruits | **nuts** | 0.510 | seeds | 0.449 | **nuts** | 0.565 | -1.005 | 2.140 | 1.224 | 0.260 | -1.416 | -0.655 |
| *Lariscus insignis* | 1 | fruits | fruits | 0.542 | seeds | 0.438 | **seeds** | 0.573 | 2.454 | 1.039 | 2.103 | -1.426 | 0.478 | 0.156 |
| *Lariscus insignis* | 2 | fruits | fruits | 0.894 | seeds | 0.086 | fruits | 0.851 | 0.967 | 1.934 | 1.149 | -0.985 | 0.871 | 0.613 |
| *Lariscus insignis* | 3 | fruits | fruits | 0.873 | insects | 0.068 | fruits | 0.820 | 1.388 | 0.914 | 0.274 | -0.392 | 0.483 | 0.348 |
| *Lariscus insignis* | 4 | fruits | fruits | 0.923 | seeds | 0.056 | fruits | 0.890 | 1.394 | 1.299 | 1.241 | -0.095 | 1.305 | 0.633 |
| *Lariscus insignis* | 5 | fruits | fruits | 0.811 | seeds | 0.116 | fruits | 0.765 | 1.829 | 0.842 | 1.210 | -0.434 | 0.857 | 0.758 |
| *Lariscus insignis* | 6 | fruits | fruits | 0.751 | insects | 0.161 | fruits | 0.615 | 2.048 | -0.385 | 0.847 | 0.819 | 1.002 | 0.715 |
| *Lariscus insignis* | 7 | fruits | fruits | 0.512 | insects | 0.457 | **insects** | 0.559 | 1.164 | -0.025 | 0.123 | -0.593 | 0.946 | 1.025 |
| *Lariscus insignis* | 8 | fruits | fruits | 0.693 | seeds | 0.299 | fruits | 0.547 | 2.203 | 1.620 | 1.151 | -0.197 | -0.502 | -0.508 |
| *Lariscus insignis* | 9 | fruits | fruits | 0.953 | seeds | 0.026 | fruits | 0.941 | 2.257 | 0.984 | 0.555 | 0.071 | 0.751 | -0.079 |
| *Lariscus insignis* | 10 | fruits | fruits | 0.943 | seeds | 0.053 | fruits | 0.919 | 1.616 | 1.790 | 2.165 | -0.570 | 2.055 | 0.596 |
| *Marmota marmota* | 1 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -4.403 | -3.539 | 0.699 | 0.619 | 1.564 | 1.136 |
| *Marmota marmota* | 2 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -3.737 | -3.307 | 1.564 | 0.551 | 0.842 | 0.258 |
| *Marmota marmota* | 3 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 0.978 | -3.033 | -3.269 | 1.424 | -0.843 | -1.159 | -0.361 |
| *Marmota marmota* | 4 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -3.861 | -3.585 | 0.862 | 0.360 | 0.915 | -0.712 |
| *Marmota marmota* | 5 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -4.096 | -3.719 | 1.831 | 0.949 | 1.234 | -0.734 |
| *Marmota marmota* | 6 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -2.785 | -3.697 | 0.473 | 0.718 | 1.185 | -0.965 |
| *Marmota marmota* | 7 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 0.998 | -3.635 | -4.305 | 1.912 | 0.480 | 0.546 | -0.536 |
| *Marmota marmota* | 8 | herbivore ss | herbivore ss | 1.000 | leaves | 0.000 | herbivore ss | 1.000 | -4.447 | -2.271 | 1.171 | 0.478 | 1.178 | -1.132 |
| *Marmota marmota* | 9 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -2.731 | -4.113 | 2.102 | 0.197 | 0.778 | -0.515 |
| *Marmota marmota* | 10 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -4.131 | -3.104 | 0.839 | 0.580 | 1.257 | 0.918 |
| *Menetes berdmorei* | 1 | seeds | **insects** | 0.897 | fruits | 0.056 | **insects** | 0.950 | 1.292 | -0.772 | 0.681 | -1.186 | 0.357 | 1.701 |
| *Menetes berdmorei* | 2 | seeds | **fruits** | 0.935 | seeds | 0.061 | **fruits** | 0.979 | 1.168 | 1.684 | 1.087 | -2.593 | 0.982 | -0.884 |
| *Menetes berdmorei* | 3 | seeds | **fruits** | 0.436 | seeds | 0.336 | **fruits** | 0.507 | 2.428 | 0.942 | 1.549 | -1.649 | 0.094 | 1.011 |
| *Menetes berdmorei* | 4 | seeds | seeds | 0.488 | fruits | 0.456 | **fruits** | 0.541 | 1.485 | 0.070 | 0.539 | -1.204 | -0.682 | -0.685 |
| *Menetes berdmorei* | 5 | seeds | seeds | 0.891 | fruits | 0.071 | seeds | 0.710 | 1.631 | 0.217 | 2.350 | -0.912 | -0.093 | 1.110 |
| *Menetes berdmorei* | 6 | seeds | seeds | 0.922 | fruits | 0.055 | seeds | 0.873 | 1.413 | 0.285 | 1.920 | -0.044 | -0.747 | 0.934 |
| *Menetes berdmorei* | 7 | seeds | seeds | 0.727 | fruits | 0.265 | seeds | 0.583 | 1.459 | 0.671 | 1.470 | -0.012 | -0.557 | -0.530 |
| *Menetes berdmorei* | 8 | seeds | **fruits** | 0.491 | seeds | 0.469 | **fruits** | 0.673 | 1.853 | -0.021 | 0.423 | -1.901 | -0.876 | -1.386 |
| *Menetes berdmorei* | 9 | seeds | **insects** | 0.667 | bark gleaner | 0.251 | **bark gleaner** | 0.501 | 1.558 | -1.341 | -1.439 | -0.981 | -1.874 | -0.342 |
| *Menetes berdmorei* | 10 | seeds | **insects** | 0.351 | nuts | 0.288 | **insects** | 0.391 | 0.939 | -0.149 | -0.183 | 0.847 | -0.392 | 1.057 |
| *Microsciurus flaviventer* | 1 | insects | insects | 0.858 | bark gleaner | 0.083 | insects | 0.775 | 2.506 | -1.201 | -1.327 | -0.848 | 0.106 | 0.517 |
| *Microsciurus flaviventer* | 2 | insects | insects | 0.688 | bark gleaner | 0.295 | **bark gleaner** | 0.716 | 1.308 | -1.817 | -2.240 | 0.559 | -0.068 | 1.145 |
| *Microsciurus flaviventer* | 3 | insects | insects | 0.838 | fruits | 0.069 | insects | 0.527 | 0.690 | -1.628 | -0.650 | 0.668 | -0.361 | 0.989 |
| *Microsciurus flaviventer* | 4 | insects | insects | 0.917 | fruits | 0.058 | insects | 0.805 | 1.637 | -1.157 | -2.075 | -0.684 | 0.742 | 0.755 |
| *Microsciurus flaviventer* | 5 | insects | insects | 0.630 | fruits | 0.245 | **fruits** | 0.375 | 2.023 | -1.942 | -1.006 | -0.731 | 1.578 | -0.079 |
| *Microsciurus flaviventer* | 6 | insects | insects | 0.955 | fruits | 0.041 | insects | 0.900 | 1.436 | -1.016 | -1.762 | -0.914 | 0.383 | 0.960 |
| *Microsciurus flaviventer* | 7 | insects | insects | 0.950 | nuts | 0.024 | insects | 0.698 | 0.882 | -0.978 | -2.486 | -0.044 | -0.922 | 1.319 |
| *Microsciurus flaviventer* | 8 | insects | **bark gleaner** | 0.592 | insects | 0.397 | **bark gleaner** | 0.847 | 1.739 | -1.270 | -2.678 | -0.524 | -1.140 | 0.307 |
| *Microsciurus flaviventer* | 9 | insects | insects | 0.751 | nuts | 0.207 | **nuts** | 0.587 | 0.904 | -0.991 | -1.561 | 1.197 | -0.248 | 1.601 |
| *Microsciurus flaviventer* | 10 | insects | insects | 0.660 | fruits | 0.292 | **fruits** | 0.559 | 0.881 | -0.288 | -1.612 | -0.061 | 0.779 | 0.879 |
| *Myosciurus pumilio* | 1 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.701 | -5.236 | -3.599 | 1.874 | -1.213 | 0.182 |
| *Myosciurus pumilio* | 2 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.630 | -4.647 | -4.081 | 1.235 | -2.882 | -0.587 |
| *Nannosciurus melanotis* | 1 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.610 | -3.091 | -2.190 | -0.063 | -1.171 | -1.649 |
| *Nannosciurus melanotis* | 2 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 0.999 | 3.423 | -2.478 | -2.494 | -0.266 | -0.100 | -0.398 |
| *Nannosciurus melanotis* | 3 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.480 | -3.137 | -1.657 | -0.384 | 0.166 | -1.132 |
| *Nannosciurus melanotis* | 4 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 4.348 | -2.697 | -1.275 | -0.095 | -0.756 | -1.101 |
| *Nannosciurus melanotis* | 5 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 5.586 | -3.251 | -0.756 | 1.477 | -0.612 | -1.621 |
| *Nannosciurus melanotis* | 6 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.208 | -3.552 | -3.108 | -0.068 | 1.631 | 0.160 |
| *Nannosciurus melanotis* | 7 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 4.383 | -3.583 | -1.248 | -0.713 | 0.105 | -0.602 |
| *Nannosciurus melanotis* | 8 | bark gleaner | bark gleaner | 0.999 | insects | 0.000 | bark gleaner | 0.998 | 4.214 | -2.888 | -1.305 | 0.238 | 0.696 | 0.173 |
| *Nannosciurus melanotis* | 9 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 4.208 | -2.758 | -2.509 | 0.138 | -1.259 | -1.831 |
| *Nannosciurus melanotis* | 10 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.150 | -3.257 | -2.156 | 0.654 | -0.137 | -0.236 |
| *Paraxerus ochraceus* | 1 | fruits | **nuts** | 0.539 | fruits | 0.444 | **nuts** | 0.688 | -0.659 | 1.349 | -0.691 | 0.022 | 1.554 | 0.780 |
| *Paraxerus ochraceus* | 2 | fruits | fruits | 0.763 | nuts | 0.222 | fruits | 0.637 | -0.718 | 1.647 | -0.432 | -0.560 | 1.715 | 0.531 |
| *Paraxerus ochraceus* | 3 | fruits | fruits | 0.955 | nuts | 0.039 | fruits | 0.926 | -0.568 | 3.075 | 0.755 | -0.454 | 1.805 | -1.875 |
| *Paraxerus ochraceus* | 4 | fruits | fruits | 0.975 | seeds | 0.019 | fruits | 0.970 | 0.724 | 2.363 | 0.814 | -0.885 | 1.162 | -0.628 |
| *Paraxerus ochraceus* | 5 | fruits | fruits | 0.435 | seeds | 0.342 | **seeds** | 0.476 | -0.386 | 2.871 | 0.340 | -1.503 | -1.174 | -0.007 |
| *Paraxerus ochraceus* | 6 | fruits | fruits | 0.847 | nuts | 0.082 | fruits | 0.761 | 0.532 | 1.838 | -0.411 | -1.008 | -0.520 | -0.530 |
| *Paraxerus ochraceus* | 7 | fruits | fruits | 0.899 | nuts | 0.072 | fruits | 0.859 | 0.197 | 2.804 | 0.491 | -0.695 | 0.589 | -0.220 |
| *Paraxerus ochraceus* | 8 | fruits | fruits | 0.841 | seeds | 0.153 | fruits | 0.768 | 1.385 | 1.108 | 0.730 | -0.619 | 0.021 | -1.165 |
| *Paraxerus ochraceus* | 9 | fruits | fruits | 0.896 | seeds | 0.058 | fruits | 0.838 | 0.383 | 0.736 | 0.695 | 0.281 | 1.135 | -0.469 |
| *Paraxerus ochraceus* | 10 | fruits | fruits | 0.588 | seeds | 0.315 | **seeds** | 0.438 | -0.111 | 0.815 | 0.944 | -0.133 | 0.432 | 0.166 |
| *Petaurillus kinlochii* | - | unknown | nuts | 0.624 | fruits | 0.374 | - | - | 0.623 | 0.839 | -1.683 | 1.441 | 1.500 | -0.528 |
| *Petaurista petaurista* | 1 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -3.702 | 2.228 | -2.535 | -2.173 | 0.179 | -0.278 |
| *Petaurista petaurista* | 2 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -3.986 | -0.274 | -3.362 | -0.969 | 0.433 | 0.284 |
| *Petaurista petaurista* | 3 | leaves | leaves | 0.997 | nuts | 0.003 | leaves | 0.979 | -2.912 | 0.414 | -2.778 | -1.139 | 0.771 | 0.656 |
| *Petaurista petaurista* | 4 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 0.999 | -2.984 | 1.508 | -2.848 | -1.573 | -0.734 | -0.123 |
| *Petaurista petaurista* | 5 | leaves | leaves | 0.999 | nuts | 0.001 | leaves | 0.998 | -3.120 | 1.790 | -3.058 | -0.976 | -0.575 | -1.107 |
| *Petaurista petaurista* | 6 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -3.815 | 1.829 | -3.567 | -1.661 | -0.375 | 0.443 |
| *Petaurista petaurista* | 7 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -3.703 | 1.062 | -3.805 | -2.319 | 0.624 | -1.878 |
| *Petaurista petaurista* | 8 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -4.420 | 1.224 | -2.614 | -0.912 | 0.218 | -0.770 |
| *Petaurista petaurista* | 9 | leaves | leaves | 0.827 | nuts | 0.165 | **nuts** | 0.789 | -2.421 | 0.466 | -3.005 | -0.525 | 0.716 | 2.140 |
| *Petaurista petaurista* | 10 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -4.212 | 1.464 | -3.095 | -1.878 | 0.799 | -0.895 |
| *Petinomys genibarbis* | 1 | unknown | nuts | 0.686 | seeds | 0.198 | - | - | -0.793 | 1.049 | -0.458 | -0.558 | -1.689 | -0.655 |
| *Petinomys genibarbis* | 2 | unknown | fruits | 0.734 | nuts | 0.255 | - | - | -0.724 | 2.157 | 0.210 | -0.309 | 1.470 | 0.061 |
| *Petinomys genibarbis* | 3 | unknown | nuts | 0.987 | fruits | 0.007 | - | - | -2.236 | 1.641 | -1.328 | 0.469 | 0.636 | -0.409 |
| *Petinomys genibarbis* | 4 | unknown | nuts | 0.999 | fruits | 0.001 | - | - | -2.512 | 2.890 | -0.475 | 0.802 | -0.093 | 0.244 |
| *Petinomys genibarbis* | 5 | unknown | fruits | 0.740 | nuts | 0.220 | - | - | -0.573 | 2.141 | -0.027 | -0.806 | 0.241 | -0.858 |
| *Petinomys genibarbis* | 6 | unknown | leaves | 1.000 | herbivore ss | 0.000 | - | - | -3.222 | -0.838 | -2.734 | -2.619 | -0.205 | -1.482 |
| *Petinomys genibarbis* | 7 | unknown | fruits | 0.548 | nuts | 0.442 | - | - | -1.047 | 1.006 | 0.076 | 0.405 | 1.568 | -0.800 |
| *Petinomys genibarbis* | 8 | unknown | fruits | 0.514 | nuts | 0.462 | - | - | -0.550 | 1.616 | -0.011 | 0.172 | 0.477 | -1.144 |
| *Petinomys genibarbis* | 9 | unknown | nuts | 0.950 | fruits | 0.046 | - | - | -1.763 | 2.295 | -1.182 | -0.028 | 0.796 | -0.684 |
| *Petinomys genibarbis* | 10 | unknown | nuts | 0.833 | fruits | 0.163 | - | - | -1.445 | 1.941 | -0.167 | 0.052 | 1.100 | 0.109 |
| *Prosciurillus leucomus* | 1 | fruits | fruits | 0.780 | insects | 0.159 | fruits | 0.627 | 2.240 | -0.143 | -0.986 | 0.182 | -0.474 | -0.625 |
| *Prosciurillus leucomus* | 2 | fruits | fruits | 0.962 | insects | 0.036 | fruits | 0.927 | 2.022 | 0.037 | -0.500 | -1.029 | 1.973 | -0.634 |
| *Prosciurillus leucomus* | 3 | fruits | fruits | 0.930 | insects | 0.069 | fruits | 0.867 | 2.591 | 0.490 | 0.075 | -0.544 | 2.143 | 0.381 |
| *Prosciurillus leucomus* | 4 | fruits | fruits | 0.841 | insects | 0.148 | fruits | 0.562 | 3.075 | -1.116 | 0.177 | -0.777 | 1.976 | -0.472 |
| *Prosciurillus leucomus* | 5 | fruits | fruits | 0.831 | seeds | 0.134 | fruits | 0.721 | 3.219 | 0.562 | 0.308 | -0.464 | -0.773 | -1.001 |
| *Prosciurillus leucomus* | 6 | fruits | fruits | 0.975 | insects | 0.024 | fruits | 0.965 | 1.518 | 0.855 | -0.788 | -0.684 | 2.684 | 0.093 |
| *Prosciurillus leucomus* | 7 | fruits | fruits | 0.988 | seeds | 0.007 | fruits | 0.985 | 1.310 | -0.084 | 0.349 | -0.094 | 2.070 | -1.039 |
| *Prosciurillus leucomus* | 8 | fruits | fruits | 0.692 | insects | 0.284 | fruits | 0.548 | 2.639 | -0.034 | -0.854 | -0.134 | -0.111 | -0.181 |
| *Protoxerus stangeri* | 1 | nuts | nuts | 0.998 | seeds | 0.001 | nuts | 0.997 | -0.254 | 2.231 | 0.837 | 3.128 | -1.895 | 0.743 |
| *Protoxerus stangeri* | 2 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.999 | -0.469 | 2.930 | -1.374 | 1.936 | -0.485 | -0.065 |
| *Protoxerus stangeri* | 3 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.998 | -0.399 | 1.647 | -0.330 | 2.311 | -1.056 | 0.756 |
| *Protoxerus stangeri* | 4 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | 0.059 | 2.360 | -0.436 | 4.339 | 0.229 | 1.243 |
| *Protoxerus stangeri* | 5 | nuts | nuts | 1.000 | seeds | 0.000 | nuts | 1.000 | -0.694 | 1.308 | 0.136 | 3.396 | -1.626 | 0.830 |
| *Protoxerus stangeri* | 6 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | -0.770 | 3.464 | 0.522 | 3.883 | -0.004 | 0.251 |
| *Protoxerus stangeri* | 7 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.999 | -0.620 | 2.534 | -0.569 | 2.350 | -0.653 | 0.244 |
| *Protoxerus stangeri* | 8 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | -0.736 | 1.466 | -0.165 | 4.096 | -0.251 | 1.059 |
| *Protoxerus stangeri* | 9 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | -1.027 | 2.804 | -1.417 | 2.894 | -1.795 | 0.687 |
| *Protoxerus stangeri* | 10 | nuts | nuts | 1.000 | fruits | 0.000 | nuts | 1.000 | 0.094 | 2.364 | -0.451 | 4.182 | 0.173 | 1.016 |
| *Pteromys volans* | - | leaves | leaves | 0.984 | nuts | 0.016 | leaves | 0.518 | -2.744 | 0.317 | -3.225 | -0.028 | -0.468 | -1.724 |
| *Pteromyscus pulverulentus* | - | unknown | fruits | 0.426 | nuts | 0.335 | - | - | -1.302 | 1.839 | -0.496 | -1.847 | 0.169 | 1.311 |
| *Ratufa bicolor* | 1 | nuts | nuts | 0.960 | fruits | 0.040 | nuts | 0.941 | -1.268 | 2.267 | -1.516 | 0.635 | 1.207 | -0.777 |
| *Ratufa bicolor* | 2 | nuts | nuts | 0.998 | fruits | 0.002 | nuts | 0.997 | -1.227 | 0.857 | -1.448 | 1.688 | -0.492 | -0.901 |
| *Ratufa bicolor* | 3 | nuts | nuts | 0.977 | fruits | 0.023 | nuts | 0.965 | -1.034 | 2.187 | -0.558 | 1.300 | 0.889 | -0.344 |
| *Ratufa bicolor* | 4 | nuts | nuts | 0.972 | fruits | 0.027 | nuts | 0.926 | -1.228 | 1.775 | -0.759 | 0.372 | -0.014 | 0.102 |
| *Ratufa bicolor* | 5 | nuts | nuts | 0.973 | fruits | 0.026 | nuts | 0.949 | -0.925 | 2.008 | -1.092 | 0.358 | -0.657 | -0.803 |
| *Ratufa bicolor* | 6 | nuts | nuts | 0.991 | fruits | 0.009 | nuts | 0.984 | -1.300 | -0.284 | -1.521 | 1.765 | 0.309 | -1.397 |
| *Ratufa bicolor* | 7 | nuts | nuts | 0.800 | leaves | 0.198 | **leaves** | 0.643 | -2.386 | 1.615 | -1.924 | 0.003 | -0.240 | -0.447 |
| *Ratufa bicolor* | 8 | nuts | nuts | 0.991 | fruits | 0.009 | nuts | 0.986 | -0.860 | 2.494 | -0.949 | 1.507 | 0.046 | -1.397 |
| *Ratufa bicolor* | 9 | nuts | nuts | 0.960 | fruits | 0.039 | nuts | 0.920 | -0.993 | 1.520 | -0.683 | 1.262 | 0.320 | -1.706 |
| *Ratufa bicolor* | 10 | nuts | nuts | 0.915 | fruits | 0.076 | nuts | 0.865 | -0.616 | 1.607 | -0.289 | 0.743 | -0.331 | -0.833 |
| *Rheithrosciurus macrotis* | 1 | fruits | **nuts** | 0.988 | fruits | 0.012 | **nuts** | 1.000 | 0.866 | 3.172 | -0.887 | 3.238 | 0.271 | -2.343 |
| *Rheithrosciurus macrotis* | 2 | fruits | fruits | 0.963 | nuts | 0.027 | fruits | 0.862 | 2.048 | 1.606 | 0.137 | 1.084 | 1.739 | 0.624 |
| *Rhinosciurus laticaudatus* | 1 | insects | insects | 1.000 | fruits | 0.000 | insects | 0.999 | 0.944 | -1.743 | -0.214 | -1.648 | 1.000 | 3.658 |
| *Rhinosciurus laticaudatus* | 2 | insects | insects | 0.999 | fruits | 0.000 | insects | 0.999 | 1.574 | -0.147 | -0.138 | -2.704 | 0.887 | 3.926 |
| *Rhinosciurus laticaudatus* | 3 | insects | insects | 1.000 | fruits | 0.000 | insects | 1.000 | 1.605 | -0.596 | 0.123 | -3.995 | 0.965 | 3.843 |
| *Rhinosciurus laticaudatus* | 4 | insects | insects | 0.989 | seeds | 0.010 | insects | 0.961 | 1.113 | 0.261 | 0.994 | -3.038 | -1.129 | 3.686 |
| *Rhinosciurus laticaudatus* | 5 | insects | insects | 1.000 | fruits | 0.000 | insects | 1.000 | 1.222 | -1.754 | -0.831 | -3.153 | 0.230 | 3.660 |
| *Rhinosciurus laticaudatus* | 6 | insects | insects | 0.994 | seeds | 0.006 | insects | 0.970 | 1.270 | -0.231 | 0.366 | -1.665 | -1.323 | 3.454 |
| *Rhinosciurus laticaudatus* | 7 | insects | insects | 0.999 | seeds | 0.001 | insects | 0.998 | 1.196 | -0.487 | 0.456 | -2.690 | -0.926 | 4.145 |
| *Sciurillus pusillus* | 1 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 4.948 | -1.744 | -2.090 | 1.854 | -1.984 | -1.404 |
| *Sciurillus pusillus* | 2 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 4.109 | -2.796 | -3.134 | -1.138 | -0.821 | -3.146 |
| *Sciurillus pusillus* | 3 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 3.329 | -2.400 | -1.688 | 1.581 | -0.084 | -1.009 |
| *Sciurillus pusillus* | 4 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 1.000 | 2.880 | -2.453 | -3.055 | 1.169 | 1.310 | -0.960 |
| *Sciurillus pusillus* | 5 | bark gleaner | bark gleaner | 1.000 | fruits | 0.000 | bark gleaner | 1.000 | 4.056 | -2.392 | -1.322 | 2.004 | -0.421 | -1.364 |
| *Sciurillus pusillus* | 6 | bark gleaner | bark gleaner | 1.000 | insects | 0.000 | bark gleaner | 0.999 | 3.195 | -2.322 | -2.711 | -0.173 | -0.492 | -0.354 |
| *Sciurillus pusillus* | 7 | bark gleaner | bark gleaner | 0.995 | fruits | 0.003 | bark gleaner | 0.949 | 3.189 | -1.431 | -1.622 | 1.943 | 0.109 | -0.355 |
| *Sciurotamias davidianus* | 1 | seeds | seeds | 0.792 | nuts | 0.189 | seeds | 0.573 | -1.229 | 1.079 | 1.835 | 0.513 | -0.869 | 0.367 |
| *Sciurotamias davidianus* | 2 | seeds | seeds | 1.000 | insects | 0.000 | seeds | 1.000 | 0.426 | -0.986 | 3.672 | -0.885 | -2.435 | 0.622 |
| *Sciurotamias davidianus* | 3 | seeds | seeds | 0.998 | fruits | 0.001 | seeds | 0.997 | 0.839 | 0.257 | 3.433 | -1.007 | -0.982 | 1.097 |
| *Sciurotamias davidianus* | 4 | seeds | seeds | 0.993 | fruits | 0.006 | seeds | 0.990 | 0.225 | 0.378 | 2.602 | 0.139 | -1.079 | 0.365 |
| *Sciurotamias davidianus* | 5 | seeds | seeds | 0.987 | fruits | 0.009 | seeds | 0.982 | -0.404 | 1.032 | 2.659 | -0.041 | -0.753 | 0.765 |
| *Sciurotamias davidianus* | 6 | seeds | seeds | 0.999 | fruits | 0.001 | seeds | 0.998 | 1.206 | -0.135 | 2.112 | -1.678 | -2.651 | -1.101 |
| *Sciurus vulgaris* | 1 | nuts | **seeds** | 0.436 | fruits | 0.350 | **seeds** | 0.571 | 0.196 | 1.165 | 1.164 | 0.707 | -0.223 | -0.452 |
| *Sciurus vulgaris* | 2 | nuts | nuts | 0.975 | fruits | 0.015 | nuts | 0.963 | -0.911 | 2.023 | 0.531 | 1.376 | -0.523 | -0.484 |
| *Sciurus vulgaris* | 3 | nuts | nuts | 0.990 | fruits | 0.010 | nuts | 0.985 | -1.035 | 1.859 | -1.073 | 0.662 | -0.422 | 0.133 |
| *Sciurus vulgaris* | 4 | nuts | nuts | 0.971 | fruits | 0.024 | nuts | 0.958 | -1.173 | 1.099 | 0.522 | 1.643 | 0.866 | 0.559 |
| *Sciurus vulgaris* | 5 | nuts | nuts | 0.976 | seeds | 0.010 | nuts | 0.947 | -0.503 | -0.018 | -0.907 | 1.060 | -1.647 | 0.525 |
| *Sciurus vulgaris* | 6 | nuts | nuts | 0.973 | fruits | 0.027 | nuts | 0.961 | -1.432 | 1.071 | -1.114 | 1.206 | 1.571 | -0.075 |
| *Sciurus vulgaris* | 7 | nuts | nuts | 1.000 | seeds | 0.000 | nuts | 1.000 | -1.751 | 1.243 | 0.059 | 3.047 | -1.782 | 0.550 |
| *Sciurus vulgaris* | 8 | nuts | nuts | 0.976 | fruits | 0.024 | nuts | 0.961 | -1.151 | 1.844 | -0.874 | 0.682 | 0.660 | 0.616 |
| *Sciurus vulgaris* | 9 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.998 | -1.269 | 2.117 | 0.142 | 2.051 | -0.356 | 0.511 |
| *Sciurus vulgaris* | 10 | nuts | nuts | 0.993 | fruits | 0.007 | nuts | 0.990 | -1.353 | 1.180 | -1.241 | 0.926 | 0.009 | 0.083 |
| *Spermophilopsis leptodactylus* | - | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 0.997 | -0.785 | -4.324 | 0.325 | 1.354 | 1.178 | -1.331 |
| *Sundasciurus altitudinis* | 1 | seeds | **fruits** | 0.517 | seeds | 0.445 | **fruits** | 0.733 | 1.495 | 2.540 | 1.703 | 0.074 | -0.294 | 1.009 |
| *Sundasciurus altitudinis* | 2 | seeds | **fruits** | 0.871 | insects | 0.062 | **fruits** | 0.883 | 0.808 | 0.485 | 0.306 | 0.129 | 1.116 | 0.540 |
| *Sundasciurus altitudinis* | 3 | seeds | **fruits** | 0.848 | insects | 0.066 | **fruits** | 0.862 | 1.527 | 1.692 | 0.151 | -0.118 | 0.085 | 0.760 |
| *Sundasciurus altitudinis* | 4 | seeds | seeds | 0.912 | fruits | 0.079 | seeds | 0.847 | 1.575 | 1.043 | 2.198 | 0.870 | -0.752 | 0.477 |
| *Sundasciurus altitudinis* | 5 | seeds | **fruits** | 0.858 | nuts | 0.078 | **fruits** | 0.880 | 0.893 | 1.478 | 0.411 | 0.178 | 0.373 | -0.067 |
| *Sundasciurus altitudinis* | 6 | seeds | **fruits** | 0.728 | seeds | 0.202 | **fruits** | 0.823 | 0.369 | 1.473 | 0.550 | -0.588 | -0.074 | -0.087 |
| *Sundasciurus altitudinis* | 7 | seeds | **fruits** | 0.804 | seeds | 0.185 | **fruits** | 0.862 | 1.650 | 0.832 | 1.225 | -0.216 | 0.511 | -0.340 |
| *Sundasciurus altitudinis* | 8 | seeds | **fruits** | 0.777 | seeds | 0.197 | **fruits** | 0.833 | 1.569 | 1.622 | 1.157 | -0.556 | 0.179 | 0.395 |
| *Sundasciurus altitudinis* | 9 | seeds | seeds | 0.924 | fruits | 0.068 | seeds | 0.836 | 1.614 | 1.595 | 1.738 | 0.007 | -1.542 | 0.478 |
| *Sundasciurus altitudinis* | 10 | seeds | **fruits** | 0.856 | seeds | 0.072 | **fruits** | 0.892 | 1.776 | 2.251 | 1.053 | 0.795 | 0.273 | 0.467 |
| *Tamias striatus* | 1 | seeds | seeds | 0.988 | fruits | 0.010 | seeds | 0.980 | -0.533 | 0.661 | 2.417 | 0.083 | -1.109 | -2.050 |
| *Tamias striatus* | 2 | seeds | seeds | 0.960 | nuts | 0.039 | seeds | 0.863 | -1.474 | 0.548 | 1.746 | 0.303 | -2.348 | -0.522 |
| *Tamias striatus* | 3 | seeds | seeds | 0.994 | fruits | 0.006 | seeds | 0.992 | 0.974 | -0.298 | 2.999 | 0.425 | -0.746 | -0.311 |
| *Tamias striatus* | 4 | seeds | seeds | 0.918 | fruits | 0.034 | seeds | 0.729 | -0.680 | -1.151 | 2.601 | 0.903 | 1.076 | 1.278 |
| *Tamias striatus* | 5 | seeds | seeds | 0.992 | fruits | 0.007 | seeds | 0.988 | 2.376 | 1.023 | 2.432 | -0.836 | -2.184 | 0.032 |
| *Tamias striatus* | 6 | seeds | seeds | 0.994 | fruits | 0.006 | seeds | 0.991 | 0.227 | -1.080 | 2.446 | 0.273 | -0.718 | -0.739 |
| *Tamias striatus* | 7 | seeds | seeds | 1.000 | fruits | 0.000 | seeds | 1.000 | 0.075 | -1.123 | 3.956 | -0.011 | -2.185 | 0.027 |
| *Tamias striatus* | 8 | seeds | seeds | 0.998 | fruits | 0.002 | seeds | 0.998 | 0.496 | 1.111 | 3.057 | -0.682 | -1.747 | -0.357 |
| *Tamias striatus* | 9 | seeds | seeds | 1.000 | fruits | 0.000 | **bark gleaner** | 1.000 | 0.669 | 0.288 | 3.053 | -0.923 | -2.723 | -0.733 |
| *Tamias striatus* | 10 | seeds | seeds | 0.999 | insects | 0.001 | seeds | 0.998 | 0.300 | -1.371 | 3.249 | -0.914 | -1.951 | 1.290 |
| *Tamiasciurus hudsonicus* | 1 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.999 | -0.293 | 1.019 | -1.437 | 2.694 | -0.470 | 0.144 |
| *Tamiasciurus hudsonicus* | 2 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.999 | 0.237 | 1.455 | -1.578 | 2.225 | -1.519 | 1.360 |
| *Tamiasciurus hudsonicus* | 3 | nuts | nuts | 0.995 | fruits | 0.004 | nuts | 0.992 | 0.381 | 2.349 | -0.515 | 2.234 | 0.129 | 2.219 |
| *Tamiasciurus hudsonicus* | 4 | nuts | nuts | 0.975 | fruits | 0.023 | nuts | 0.966 | 0.023 | 0.098 | -0.703 | 2.310 | 0.544 | 0.544 |
| *Tamiasciurus hudsonicus* | 5 | nuts | nuts | 0.994 | fruits | 0.006 | nuts | 0.991 | 0.262 | 2.358 | -1.394 | 1.875 | 0.241 | 1.282 |
| *Tamiasciurus hudsonicus* | 6 | nuts | nuts | 0.998 | fruits | 0.001 | nuts | 0.997 | -0.232 | 1.355 | -1.334 | 1.512 | -1.565 | 1.273 |
| *Tamiasciurus hudsonicus* | 7 | nuts | nuts | 0.992 | fruits | 0.007 | nuts | 0.990 | 0.648 | 1.617 | -0.065 | 2.903 | -0.679 | -0.121 |
| *Tamiasciurus hudsonicus* | 8 | nuts | nuts | 0.998 | fruits | 0.002 | nuts | 0.998 | -0.783 | 1.240 | -0.890 | 2.591 | 0.886 | 1.081 |
| *Tamiasciurus hudsonicus* | 9 | nuts | nuts | 0.907 | seeds | 0.090 | nuts | 0.740 | -0.755 | 0.989 | 1.133 | 1.736 | -1.534 | 1.344 |
| *Tamiasciurus hudsonicus* | 10 | nuts | nuts | 0.999 | fruits | 0.001 | nuts | 0.998 | -0.610 | 1.139 | -0.597 | 2.182 | -0.550 | 1.654 |
| *Tamiops mcclellandii* | 1 | insects | **fruits** | 0.574 | insects | 0.359 | **fruits** | 0.772 | 0.401 | 1.466 | 0.759 | -1.736 | 0.992 | 1.804 |
| *Tamiops mcclellandii* | 2 | insects | insects | 0.466 | fruits | 0.296 | **fruits** | 0.421 | 2.764 | 0.751 | -0.273 | -1.073 | -2.040 | 0.123 |
| *Tamiops mcclellandii* | 3 | insects | **seeds** | 0.476 | fruits | 0.420 | **seeds** | 0.562 | 1.944 | -0.006 | 1.644 | -1.636 | 0.467 | 0.235 |
| *Tamiops mcclellandii* | 4 | insects | **fruits** | 0.960 | seeds | 0.038 | **fruits** | 0.964 | 2.282 | -0.346 | 0.887 | -0.497 | 1.270 | -2.040 |
| *Tamiops mcclellandii* | 5 | insects | **fruits** | 0.908 | insects | 0.087 | **fruits** | 0.958 | 1.433 | 0.889 | -0.690 | -1.327 | 0.967 | -0.062 |
| *Trogopterus xantiphes* | 1 | leaves | leaves | 1.000 | herbivore ss | 0.000 | leaves | 1.000 | -4.795 | 0.662 | -1.555 | -3.259 | -1.204 | -1.413 |
| *Trogopterus xantiphes* | 2 | leaves | leaves | 1.000 | herbivore ss | 0.000 | leaves | 1.000 | -5.212 | 1.085 | -0.495 | -3.122 | -1.065 | -0.218 |
| *Trogopterus xantiphes* | 3 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -5.192 | 1.688 | -1.257 | -3.425 | -1.588 | -0.858 |
| *Trogopterus xantiphes* | 4 | leaves | leaves | 1.000 | herbivore ss | 0.000 | leaves | 1.000 | -5.193 | 0.196 | -2.028 | -3.138 | -1.846 | -0.288 |
| *Trogopterus xantiphes* | 5 | leaves | leaves | 1.000 | nuts | 0.000 | **nuts** | 0.333 | -5.084 | 1.323 | -3.900 | -3.847 | -1.637 | -1.585 |
| *Trogopterus xantiphes* | 6 | leaves | leaves | 1.000 | nuts | 0.000 | leaves | 1.000 | -5.279 | 1.202 | -2.730 | -2.516 | -0.387 | -0.527 |
| *Urocitellus undulatus* | 1 | herbivore ss | **nuts** | 0.784 | fruits | 0.168 | **nuts** | 0.767 | 0.066 | 1.072 | -0.692 | 0.290 | -0.522 | 0.583 |
| *Urocitellus undulatus* | 2 | herbivore ss | herbivore ss | 1.000 | leaves | 0.000 | herbivore ss | 1.000 | -5.139 | -2.778 | 0.016 | 0.250 | 1.141 | 0.881 |
| *Urocitellus undulatus* | 3 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -4.557 | -3.766 | 0.403 | 1.507 | -0.304 | -0.042 |
| *Urocitellus undulatus* | 4 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -4.550 | -4.165 | 0.806 | 2.267 | -0.136 | -0.190 |
| *Urocitellus undulatus* | 5 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -1.565 | -5.196 | 1.509 | -0.550 | 0.972 | -1.060 |
| *Urocitellus undulatus* | 6 | herbivore ss | herbivore ss | 1.000 | nuts | 0.000 | herbivore ss | 1.000 | -4.166 | -2.936 | 1.251 | 0.142 | 2.029 | 2.241 |
| *Urocitellus undulatus* | 7 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -3.513 | -3.800 | 1.015 | 0.167 | 0.318 | -0.627 |
| *Urocitellus undulatus* | 8 | herbivore ss | herbivore ss | 0.999 | seeds | 0.001 | herbivore ss | 0.972 | -3.076 | -1.329 | 3.102 | 0.323 | 2.243 | -2.026 |
| *Urocitellus undulatus* | 9 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | herbivore ss | 1.000 | -3.962 | -3.523 | 1.257 | 0.645 | -0.282 | 0.050 |
| *Urocitellus undulatus* | 10 | herbivore ss | herbivore ss | 1.000 | seeds | 0.000 | **insects** | 1.000 | -4.288 | -4.365 | 1.505 | 1.126 | 1.806 | 0.241 |
| *Xerus erythropus* | 1 | seeds | seeds | 0.999 | fruits | 0.001 | seeds | 0.999 | -0.379 | -0.661 | 3.130 | -1.629 | -1.225 | -0.706 |
| *Xerus erythropus* | 2 | seeds | seeds | 0.999 | fruits | 0.001 | seeds | 0.999 | -0.260 | -0.733 | 3.146 | -2.239 | -1.159 | -1.041 |
| *Xerus erythropus* | 3 | seeds | seeds | 0.999 | fruits | 0.001 | seeds | 0.999 | 0.132 | -1.137 | 2.627 | -1.626 | -1.494 | -1.021 |
| *Xerus erythropus* | 4 | seeds | seeds | 1.000 | fruits | 0.000 | seeds | 1.000 | -0.371 | -1.117 | 3.711 | -0.757 | -1.113 | -0.558 |
| *Xerus erythropus* | 5 | seeds | seeds | 0.995 | fruits | 0.005 | seeds | 0.992 | -0.883 | -0.514 | 3.327 | -0.987 | 0.418 | -0.178 |
| *Xerus erythropus* | 6 | seeds | seeds | 0.999 | fruits | 0.001 | seeds | 0.999 | 0.624 | 0.094 | 4.308 | -0.287 | -0.690 | -0.778 |
| *Xerus erythropus* | 7 | seeds | seeds | 0.998 | fruits | 0.002 | seeds | 0.998 | 0.552 | -1.001 | 3.308 | -0.235 | -0.652 | -0.303 |
| *Xerus erythropus* | 8 | seeds | seeds | 0.998 | fruits | 0.002 | seeds | 0.998 | -0.266 | -0.263 | 3.397 | -0.754 | -0.468 | 0.030 |
| *Xerus erythropus* | 9 | seeds | seeds | 0.997 | fruits | 0.003 | seeds | 0.997 | -0.402 | -0.747 | 2.686 | -1.401 | -0.767 | -0.702 |
| *Xerus erythropus* | 10 | seeds | seeds | 1.000 | fruits | 0.000 | seeds | 1.000 | -0.771 | -0.291 | 4.029 | -1.074 | -0.879 | -0.532 |
| *Douglassciurus jeffersoni* | - | unknown | nuts | 0.904 | fruits | 0.068 | - | - | -1.371 | 2.690 | 2.067 | 1.851 | 1.086 | -1.143 |