|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Appendix S2. Estimated effect sizes for parameters predicting abundance in the best-supported models for *Plethodon shermani* and *Desmognathus ocoee/Eurycea wilderae* \* | | | | | |
| *Species Group, Model Name, Parameters Estimated* | | | *Estimate* | *Lower 95% CI* | *Upper 95% CI* |
| *Plethodon shermani* | | |  | | |
|  | λ(Aspect+Elev+exp(Age)) | |  | | |
|  | | Northness | -0.14 | -0.22 | -0.06 |
|  | | Eastness | -0.03 | -0.11 | 0.05 |
|  | | Elevation | -0.12 | -0.21 | -0.04 |
|  | | Exp(Stand Age) | 0.09 | -0.02 | 0.17 |
|  | |  |  | | |
| *Desmognathus ocoee/Eurycea wilderae* | | |  | | |
|  | λ(Leaf+Stream+TWI+TPI+Aspect+Elev+log(Age)+Dist+log(Age)XDist) | | | | |
|  | | Leaf | -0.19 | -0.34 | -0.05 |
|  | | Stream | 0.22 | -0.09 | 0.20 |
|  | | TWI | -0.13 | -0.27 | 0.01 |
|  | | TPI | -0.15 | -0.02 | 0.17 |
|  | | Northness | 0.22 | 0.07 | 0.37 |
|  | | Eastness | 0.30 | 0.14 | 0.45 |
|  | | Elevation | 0.09 | -0.05 | 0.23 |
|  | | Log(Stand Age) | 0.28 | 0.13 | 0.43 |
|  | | Distance to Edge | -0.20 | -0.34 | -0.05 |
|  | | Distance X Log(Stand Age) | 0.17 | 0.02 | 0.33 |
| \* All variables are scaled to yield comparable parameter estimates | | | | | |