**Supplemental Table D.** Results from GLM models testing drivers in the A3 anterior (A3a) and posterior (A3p) tooth rows. Despite these tooth rows being highly correlated with the P2 counts, there were slight differences in the relationships with predictors.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A3a (Pseudo-R2)** | **Predictor** | **Estimate (SE)** | **Z-value** | ***P*-value** |
| *Ascaphus truei*  *(67%)* | Intercept | 4.70 (0.01) | 581.13 | <0.0001 |
| Developmental Stage | 0.09 (0.01) | 10.99 | <0.0001 |
| Average Temperature | 0.04 (0.01) | 4.30 | <0.0001 |
| Developmental Stage: Average Temperature | -0.03 (0.01) | -2.59 | 0.01 |
| *Ascaphus montanus*  *(60%)* | Intercept | 4.57 (0.01) | 361.77 | <0.0001 |
| Developmental Stage | 0.11 (0.01) | 0.85 | <0.0001 |
| Average Temperature | 0.03 (0.01) | 2.42 | 0.01 |
| Developmental Stage: Average Temperature | 0.02 (0.01) | 2.03 | 0.04 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A3p (Pseudo-R2)** | **Predictor** | **Estimate (SE)** | **Z-value** | **p-value** |
| *Ascaphus truei*  *(54%)* | Intercept | 4.75 (0.01) | 438.65 | <0.0001 |
| Developmental Stage | 0.11 (0.01) | 10.17 | <0.0001 |
| Average Temperature | 0.05 (0.01) | 4.23 | <0.0001 |
| Developmental Stage: Average Temperature | -0.02 (0.01) | -1.29 | 0.20 |
| *Ascaphus montanus*  *(58%)* | Intercept | 4.60 (0.02) | 240.67 | <0.0001 |
| Developmental Stage | 0.17 (0.02) | 8.27 | <0.0001 |
| Average Temperature | 0.05 (0.02) | 2.45 | 0.01 |
| Developmental Stage: Average Temperature | 0.04 (0.02) | 2.40 | 0.02 |