|  |  |  |  |
| --- | --- | --- | --- |
| **Analysis** | **Scenario** | **Posterior probabilities of constant population size models against :** | **Posterior probabilities of the best models selected under each scenario** |
| **exponential population growth model** | **recent botleneck specific to *A. halleri*** |
| Plech19 | SI | 0.585 | 0.608 | 0.38 |
|  | CM | 0.6 | 0.635 | 0.055 |
|  | AM | 0.749 | 0.552 | **0.439** |
|  | SC | 0.632 | 0.577 | 0.127 |
| Plech28 | SI | 0.525 | 0.581 | **0.719** |
|  | CM | 0.561 | 0.676 | 0.001 |
|  | AM | 0.755 | 0.743 | 0.279 |
|  | SC | 0.503 | 0.51 | 0.001 |
| Pool19 | SI | 0.827 | 0.644 | **0.824** |
|  | CM | 0.684 | 0.797 | 0.011 |
|  | AM | 0.8 | 0.685 | 0.142 |
|  | SC | 0.63 | 0.734 | 0.023 |
| Pool28 | SI | 0.623 | 0.732 | **0.771** |
|  | CM | 0.699 | 0.831 | 0.001 |
|  | AM | 0.714 | 0.833 | 0.227 |
|  | SC | 0.652 | 0.736 | 0.001 |