Table 1: Main model set - dispersal-insufficient observations

| Model | Parameter | Estimate | Std. Error | t-value | p-value | R2 | n | K | LL | AICc | ΔAICc | AIC weight |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Velocity of climate change | Intercept | -0.06 | 0.11 | -0.51 | 0.61 | 0.07 | 193 | 3 | -321.36 | 648.85 | 0 | 0.96 |
| Velocity of climate change | Velocity of climate change | 0.34 | 0.09 | 3.93 | 0 | 0.07 | 193 | 3 | -321.36 | 648.85 | 0 | 0.96 |
| Potential dispersal rate | Intercept | 0.13 | 0.1 | 1.37 | 0.17 | 0.04 | 193 | 3 | -324.57 | 655.27 | 6.43 | 0.04 |
| Potential dispersal rate | Potential dispersal rate | 0.46 | 0.16 | 2.95 | 0 | 0.04 | 193 | 3 | -324.57 | 655.27 | 6.43 | 0.04 |