Table 1: Main model set - dispersal-insufficient observations

| Model | Parameter | Estimate | Std.Error | Conditional R2 | Marginal R2 | DF | t-value | p-value | n | K | Res.LL | AICc | ΔAICc | AIC weight |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| lme\_disp\_di | (Intercept) | 0.05 | 0.07 | 0.4 | 0.02 | 126 | 0.74 | 0.46 | 237 | 4 | -244.11 | 496.44 | 0 | 0.98 |
| lme\_disp\_di | DispersalPotentialKmY | 0.45 | 0.11 | 0.4 | 0.02 | 126 | 3.97 | 0 | 237 | 4 | -244.11 | 496.44 | 0 | 0.98 |
| lme\_cv\_di | (Intercept) | -0.02 | 0.08 | 0.32 | 0.09 | 127 | -0.29 | 0.77 | 237 | 4 | -248.21 | 504.64 | 8.2 | 0.02 |
| lme\_cv\_di | q3ClimVeloKmY\_RelScale | 0.2 | 0.06 | 0.32 | 0.09 | 60 | 3.26 | 0 | 237 | 4 | -248.21 | 504.64 | 8.2 | 0.02 |