Profile plots for Mammals Restricted log-likelihood -1160.3 -1187 -1168 -1160.9 -1215 -1176 -1161.5 -1243 -1184 0.2 0.4 0.6 0.8 0.02 0.04 0.06 0.5 0.00 80.0 0.10 1.0 1.5 σ_2^2 (~1|Order) σ_1^2 (~1|ID) σ_3^2 (~1|Order/Species) -1159.9 -1161 Restricted log-likelihood -1161.3 -1162.7 -1165 -1164.1 0.1 0.3 0.4 0.5 0.00 0.02 0.06 0.08 0.10 0.2 0.04 $\sigma_5^2 \ (\text{~1}|\text{Source/Study})$ σ_4^2 (~1|Source)