

a) Absolute values: black coucals

Reproductive success N = 302 obs. of 299 ind. $R^2_m = 0.392$, $R^2_c = 0.431$

| Effect | 2.5% | 50% | 97.5% | P(β) > 0 | β (95% CrI) |
|-----------------------------------|-------|-------|-------|------------------|---------------------|
| Intercept: females | 0.57 | 0.75 | 0.94 | 1.000 | 0.75 (0.57, 0.94) |
| Mating success: females | 0.36 | 0.42 | 0.49 | 1.000 | 0.42 (0.36, 0.49) |
| Males without ENO | -0.74 | -0.15 | 0.45 | 0.310 | -0.15 (-0.74, 0.45) |
| Males with ENO | 0.26 | 0.74 | 1.22 | 0.998 | 0.74 (0.26, 1.22) |
| Mating success: males without ENO | -0.52 | 0.03 | 0.57 | 0.547 | 0.03 (-0.52, 0.57) |
| Mating success: males with ENO | -0.65 | -0.33 | 0.00 | 0.023 | -0.33 (-0.65, 0) |
| Random effect: year (15 groups | NA | NA | NA | 0.507 | 0 (-0.25, 0.25) |