| Model | K | AIC | ∆AIC | R² |
| --- | --- | --- | --- | --- |
| Group vs. solo foraging | | | | |
| Abiotic + Biotic | 10.00 | 3,913.36 | 0.00 | 0.00 |
| Abiotic | 7.00 | 3,921.55 | 8.19 | 0.00 |
| Biotic | 5.00 | 4,094.04 | 180.68 | 0.00 |
| Null | 3.00 | 4,111.56 | 198.20 | 0.00 |
| Group size | | | | |
| Abiotic + Biotic | 10.00 | 8,126.59 | 0.00 | 0.06 |
| Abiotic | 7.00 | 8,213.94 | 87.35 | 0.06 |
| Biotic | 6.00 | 8,360.46 | 233.87 | 0.05 |
| Null | 3.00 | 8,412.14 | 285.55 | 0.00 |
| Group leadership | | | | |
| Status | 4.00 | 2,150.11 | 0.00 | 0.01 |
| Null | 2.00 | 2,151.91 | 1.80 | 0.00 |
| Status + Injury | 6.00 | 2,152.89 | 2.78 | 0.01 |
| Injury | 4.00 | 2,154.76 | 4.65 | 0.01 |