

Appendix 3. Model selection results for comparisons of mean (field-level), maximum Dickcissel brood size (Dickcissel, *Spiza americana*, and Brown-headed Cowbird, *Molothrus ater*, nestlings) in relation to orthopteran and total arthropod biomass in Conservation Reserve Program fields in central Kansas, USA, 2017-2019.

| Model | Deviance | K | ΔAIC_c | w_i |
|----------------------------|----------|-----|----------------|-------|
| Orthopteran biomass * Year | 342.34 | 8 | 0.00 | 0.376 |
| Arthropod biomass * Year | 342.34 | 8 | 0.00 | 0.375 |
| Constant | 356.67 | 3 | 2.57 | 0.104 |
| Arthropod biomass | 354.89 | 4 | 3.01 | 0.083 |
| Orthopteran biomass | 355.51 | 4 | 3.63 | 0.061 |