| mods | df | logLik | AICc | delta | model |
| --- | --- | --- | --- | --- | --- |
| ~year.c | 5 | -9.88 | 31.38 | 0.00 | shannon\_M1 |
| ~perc\_annual\_dist | 5 | -10.47 | 32.56 | 1.19 | shannon\_M4 |
| ~sqrt\_inv\_n\_tilda | 5 | -11.05 | 33.72 | 2.34 | shannon\_M2 |
| ~perc\_annual\_dist+year.c | 6 | -10.10 | 34.53 | 3.15 | shannon\_M5 |
| ~year.c+sqrt\_inv\_n\_tilda | 6 | -10.71 | 35.75 | 4.38 | shannon\_M3 |
| ~perc\_annual\_dist+sqrt\_inv\_n\_tilda | 6 | -10.76 | 35.85 | 4.48 | shannon\_M6 |
| ~perc\_annual\_dist+year.c+sqrt\_inv\_n\_tilda | 7 | -10.71 | 38.62 | 7.25 | shannon\_M7 |
| ~perc\_annual\_dist\*above\_below-1 | 7 | -10.93 | 39.05 | 7.68 | shannon\_M12 |
| ~perc\_annual\_dist\*exoskeleton-1 | 7 | -11.74 | 40.69 | 9.31 | shannon\_M16 |
| ~perc\_annual\_dist\*Functional\_group\_size.y-1 | 7 | -11.74 | 40.69 | 9.31 | shannon\_M8 |
| ~perc\_annual\_dist\*above\_below+year.c-1 | 8 | -11.02 | 42.27 | 10.89 | shannon\_M13 |
| ~perc\_annual\_dist\*above\_below+sqrt\_inv\_n\_tilda-1 | 8 | -11.41 | 43.06 | 11.69 | shannon\_M14 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+sqrt\_inv\_n\_tilda- | 8 | -11.49 | 43.21 | 11.84 | shannon\_M10 |
| ~perc\_annual\_dist\*exoskeleton+year.c-1 | 8 | -11.59 | 43.41 | 12.03 | shannon\_M17 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+year.c-1 | 8 | -11.59 | 43.41 | 12.03 | shannon\_M9 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+year.c+sqrt\_inv\_n\_tilda- | 9 | -10.31 | 44.08 | 12.71 | shannon\_M11 |
| ~perc\_annual\_dist\*exoskeleton+year.c+sqrt\_inv\_n\_tilda- | 9 | -10.31 | 44.08 | 12.71 | shannon\_M19 |
| ~perc\_annual\_dist\*above\_below+year.c+sqrt\_inv\_n\_tilda- | 9 | -11.45 | 46.35 | 14.97 | shannon\_M15 |