| mods | df | logLik | AICc | delta | model |
| --- | --- | --- | --- | --- | --- |
| ~year.c | 5 | -12.40 | 36.68 | 0.00 | shannon\_M1 |
| ~perc\_annual\_dist | 5 | -12.49 | 36.85 | 0.17 | shannon\_M4 |
| ~perc\_annual\_dist+year.c | 6 | -11.21 | 37.14 | 0.46 | shannon\_M5 |
| ~sqrt\_inv\_n\_tilda | 5 | -13.46 | 38.79 | 2.11 | shannon\_M2 |
| ~perc\_annual\_dist+sqrt\_inv\_n\_tilda | 6 | -12.44 | 39.59 | 2.92 | shannon\_M6 |
| ~year.c+sqrt\_inv\_n\_tilda | 6 | -13.19 | 41.09 | 4.42 | shannon\_M3 |
| ~perc\_annual\_dist\*above\_below-1 | 7 | -11.98 | 41.70 | 5.02 | shannon\_M12 |
| ~perc\_annual\_dist+year.c+sqrt\_inv\_n\_tilda | 7 | -12.00 | 41.74 | 5.07 | shannon\_M7 |
| ~perc\_annual\_dist\*Functional\_group\_size.y-1 | 7 | -12.64 | 43.01 | 6.33 | shannon\_M8 |
| ~perc\_annual\_dist\*exoskeleton-1 | 7 | -12.64 | 43.01 | 6.33 | shannon\_M16 |
| ~perc\_annual\_dist\*above\_below+year.c-1 | 8 | -11.36 | 43.68 | 7.00 | shannon\_M13 |
| ~perc\_annual\_dist\*above\_below+sqrt\_inv\_n\_tilda-1 | 8 | -11.37 | 43.71 | 7.04 | shannon\_M14 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+year.c-1 | 8 | -11.39 | 43.74 | 7.06 | shannon\_M9 |
| ~perc\_annual\_dist\*exoskeleton+year.c-1 | 8 | -11.39 | 43.74 | 7.06 | shannon\_M17 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+sqrt\_inv\_n\_tilda- | 8 | -11.82 | 44.61 | 7.93 | shannon\_M10 |
| ~perc\_annual\_dist\*Functional\_group\_size.y+year.c+sqrt\_inv\_n\_tilda- | 9 | -10.73 | 45.88 | 9.20 | shannon\_M11 |
| ~perc\_annual\_dist\*exoskeleton+year.c+sqrt\_inv\_n\_tilda- | 9 | -10.73 | 45.88 | 9.20 | shannon\_M19 |
| ~perc\_annual\_dist\*above\_below+year.c+sqrt\_inv\_n\_tilda- | 9 | -10.77 | 45.97 | 9.29 | shannon\_M15 |