| X.Intercept. | perc\_annual\_dist | year.c | sqrt\_inv\_n\_tilda | above\_below | above\_below.perc\_annual\_dist | Functional\_group\_size.y | Functional\_group\_size.y.perc\_annual\_dist | exoskeleton | exoskeleton.perc\_annual\_dist | mods | df | logLik | AICc | delta | weight | model | R2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NA | -0.001 | 0.006 | -0.511 | NA | NA | + | + | NA | NA | ~perc\_annual\_dist\*Functional\_group\_size.y+year.c+sqrt\_inv\_n\_tilda- | 11 | -330.900 | 684.891 | 0.000 | 0.226 | M12 | 0.113 |
| NA | -0.001 | NA | -0.580 | NA | NA | + | + | NA | NA | ~perc\_annual\_dist\*Functional\_group\_size.y+sqrt\_inv\_n\_tilda- | 10 | -332.105 | 685.114 | 0.224 | 0.202 | M11 | 0.127 |
| NA | -0.001 | 0.008 | NA | NA | NA | + | + | NA | NA | ~perc\_annual\_dist\*Functional\_group\_size.y+year.c-1 | 10 | -332.622 | 686.149 | 1.258 | 0.120 | M10 | 0.105 |
| NA | 0.002 | NA | -0.479 | + | + | NA | NA | NA | NA | ~perc\_annual\_dist\*above\_below+sqrt\_inv\_n\_tilda-1 | 8 | -335.171 | 686.930 | 2.039 | 0.081 | M7 | 0.137 |
| NA | 0.002 | 0.002 | -0.467 | + | + | NA | NA | NA | NA | ~perc\_annual\_dist\*above\_below+year.c+sqrt\_inv\_n\_tilda- | 9 | -334.097 | 686.933 | 2.042 | 0.081 | M8 | 0.115 |
| NA | -0.001 | NA | NA | NA | NA | + | + | NA | NA | ~perc\_annual\_dist\*Functional\_group\_size.y-1 | 9 | -334.133 | 687.004 | 2.114 | 0.078 | M9 | 0.110 |
| NA | 0.002 | 0.003 | NA | + | + | NA | NA | NA | NA | ~perc\_annual\_dist\*above\_below+year.c-1 | 8 | -335.573 | 687.733 | 2.843 | 0.054 | M6 | 0.118 |
| NA | 0.002 | NA | NA | + | + | NA | NA | NA | NA | ~perc\_annual\_dist\*above\_below-1 | 7 | -336.700 | 687.855 | 2.965 | 0.051 | M5 | 0.139 |
| NA | 0.003 | 0.003 | -0.574 | NA | NA | NA | NA | + | + | ~perc\_annual\_dist\*exoskeleton+year.c+sqrt\_inv\_n\_tilda- | 9 | -335.518 | 689.774 | 4.883 | 0.020 | M16 | 0.104 |
| NA | 0.003 | NA | -0.613 | NA | NA | NA | NA | + | + | ~perc\_annual\_dist\*exoskeleton+sqrt\_inv\_n\_tilda-1 | 8 | -336.602 | 689.792 | 4.901 | 0.019 | M15 | 0.120 |
| + | 0.003 | 0.004 | -0.495 | NA | NA | NA | NA | NA | NA | ~perc\_annual\_dist+year.c+sqrt\_inv\_n\_tilda | 7 | -337.702 | 689.859 | 4.969 | 0.019 | M4 | 0.124 |
| + | 0.003 | NA | -0.528 | NA | NA | NA | NA | NA | NA | ~perc\_annual\_dist+sqrt\_inv\_n\_tilda | 6 | -338.807 | 689.954 | 5.063 | 0.018 | M3 | 0.139 |
| NA | 0.003 | 0.006 | NA | NA | NA | NA | NA | + | + | ~perc\_annual\_dist\*exoskeleton+year.c-1 | 8 | -337.393 | 691.374 | 6.484 | 0.009 | M14 | 0.090 |
| + | 0.003 | 0.005 | NA | NA | NA | NA | NA | NA | NA | ~perc\_annual\_dist+year.c | 6 | -339.605 | 691.550 | 6.659 | 0.008 | M2 | 0.106 |
| NA | 0.003 | NA | NA | NA | NA | NA | NA | + | + | ~perc\_annual\_dist\*exoskeleton-1 | 7 | -338.724 | 691.903 | 7.013 | 0.007 | M13 | 0.102 |
| + | 0.003 | NA | NA | NA | NA | NA | NA | NA | NA | ~perc\_annual\_dist | 5 | -340.902 | 692.045 | 7.155 | 0.006 | M1 | 0.118 |