| call | Model | df | AIC | BIC | logLik | Test | L.Ratio | p-value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, na.action = na.exclude) | 1 | 8 | -504.7958 | -477.5384 | 260.3979 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, na.action = na.exclude) | 2 | 6 | -508.7958 | -488.3528 | 260.3979 | 1 vs 2 | 0.00000000052864380 | 0.9999999997356781022972427308559417725 |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, na.action = na.exclude) | 3 | 5 | -510.7958 | -493.7599 | 260.3979 | 2 vs 3 | 0.00000000446721060 | 0.9999466716342649830195909999019932002 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, correlation = corAR1(), na.action = na.exclude) | 4 | 9 | -511.9934 | -481.3289 | 264.9967 | 3 vs 4 | 9.19762378016628190 | 0.0563452420722185889911948208919056924 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corAR1(), na.action = na.exclude) | 5 | 7 | -515.9934 | -492.1432 | 264.9967 | 4 vs 5 | 0.00000000388718036 | 0.9999999980564098223112523555755615234 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 6 | 7 | -506.7958 | -482.9456 | 260.3979 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 7 | 7 | -506.7958 | -482.9456 | 260.3979 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corAR1(), na.action = na.exclude) | 8 | 6 | -620.4964 | -600.0534 | 316.2482 | 7 vs 8 | 111.70064925325050353 | 0.0000000000000000000000000415546660972 |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corAR1(form = ~1 | Rep), na.action = na.exclude) | 9 | 6 | -517.9934 | -497.5504 | 264.9967 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 10 | 6 | -508.7958 | -488.3528 | 260.3979 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 11 | 10 | -517.4223 | -483.3506 | 268.7112 | 10 vs 11 | 16.62650033123372850 | 0.0022840341614266644609809731036875746 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 12 | 8 | -521.4223 | -494.1649 | 268.7112 | 11 vs 12 | 0.00000000004615686 | 0.9999999999769215719425119459629058838 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corARMA(form = ~day, p = 1, q = 1), na.action = na.exclude) | 13 | 8 | -504.7958 | -477.5384 | 260.3979 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corARMA(form = ~day | Rep, p = 1, q = 1), na.action = na.exclude) | 14 | 8 | -504.7958 | -477.5384 | 260.3979 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 15 | 7 | -643.1024 | -619.2522 | 328.5512 | 14 vs 15 | 136.30656811284723062 | 0.0000000000000000000000000000001709845 |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~1 | Rep), na.action = na.exclude) | 16 | 7 | -523.4223 | -499.5721 | 268.7112 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 17 | 7 | -506.7958 | -482.9456 | 260.3979 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, correlation = corCAR1(), na.action = na.exclude) | 18 | 9 | -511.9934 | -481.3289 | 264.9967 | 17 vs 18 | 9.19762377990127789 | 0.0100637855291201266244582868125689856 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 19 | 9 | -511.5786 | -480.9141 | 264.7893 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~day | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 20 | 9 | -511.5786 | -480.9141 | 264.7893 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(), na.action = na.exclude) | 21 | 7 | -515.9934 | -492.1432 | 264.9967 | 20 vs 21 | 0.41481011811094959 | 0.8126903957042809212296674559183884412 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 22 | 7 | -515.5786 | -491.7284 | 264.7893 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 23 | 7 | -515.5786 | -491.7284 | 264.7893 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCAR1(), na.action = na.exclude) | 24 | 6 | -620.4964 | -600.0534 | 316.2482 | 23 vs 24 | 102.91783559093357781 | 0.0000000000000000000000034934037612806 |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCAR1(form = ~1 | Rep), na.action = na.exclude) | 25 | 6 | -517.9934 | -497.5504 | 264.9967 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 26 | 6 | -517.5786 | -497.1356 | 264.7893 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(), na.action = na.exclude) | 27 | 7 | -512.0667 | -488.2165 | 263.0334 | 26 vs 27 | 3.51189021684581348 | 0.0609299022996993427936374132514174562 |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 28 | 7 | -512.0667 | -488.2165 | 263.0334 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = b\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 29 | 7 | -512.0667 | -488.2165 | 263.0334 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCompSymm(), na.action = na.exclude) | 30 | 6 | -508.7958 | -488.3528 | 260.3979 | 29 vs 30 | 5.27092344120342204 | 0.0216845065411740700600518039209418930 |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCompSymm(form = ~1 | Rep), na.action = na.exclude) | 31 | 6 | -514.0667 | -493.6237 | 263.0334 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 32 | 6 | -508.7958 | -488.3528 | 260.3979 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = b\_evo\_rm, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 33 | 6 | -514.0667 | -493.6237 | 263.0334 |  |  |  |