| call | Model | df | AIC | BIC | logLik | Test | L.Ratio | p-value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, na.action = na.exclude) | 1 | 8 | -265.4304 | -239.0439 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, na.action = na.exclude) | 2 | 6 | -269.4304 | -249.6405 | 140.7152 | 1 vs 2 | 0.000000009232735 | 0.999999995383632267476059496402740478515625 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, na.action = na.exclude) | 3 | 5 | -271.4304 | -254.9388 | 140.7152 | 2 vs 3 | 0.000000028232591 | 0.999865934994402350000086698855739086866379 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corAR1(), na.action = na.exclude) | 4 | 9 | -355.0578 | -325.3729 | 186.5289 | 3 vs 4 | 91.627344636868088 | 0.000000000000000000593946909994823100820183 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 5 | 9 | -263.4304 | -233.7456 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 6 | 9 | -263.4304 | -233.7456 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corAR1(), na.action = na.exclude) | 7 | 7 | -359.0578 | -335.9696 | 186.5289 | 6 vs 7 | 91.627344653799639 | 0.000000000000000000012687466621428040312907 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 8 | 7 | -267.4304 | -244.3422 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 9 | 7 | -267.4304 | -244.3422 | 140.7152 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corAR1(), na.action = na.exclude) | 10 | 6 | -429.4704 | -409.6805 | 220.7352 | 9 vs 10 | 160.039974053785386 | 0.000000000000000000000000000000000001108956 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corAR1(form = ~1 | Rep), na.action = na.exclude) | 11 | 6 | -361.0578 | -341.2679 | 186.5289 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 12 | 6 | -269.4304 | -249.6405 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 13 | 10 | -353.0730 | -320.0898 | 186.5365 | 12 vs 13 | 91.642578786333445 | 0.000000000000000000589535866731736937692285 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corARMA(p = 1, q = 1, form = ~day), na.action = na.exclude) | 14 | 10 | -261.4304 | -228.4473 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 15 | 10 | -261.4304 | -228.4473 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 16 | 8 | -357.0730 | -330.6865 | 186.5365 | 15 vs 16 | 91.642578803708204 | 0.000000000000000000012591192366783774556694 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corARMA(form = ~day, p = 1, q = 1), na.action = na.exclude) | 17 | 8 | -265.4304 | -239.0439 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corARMA(form = ~day | Rep, p = 1, q = 1), na.action = na.exclude) | 18 | 8 | -265.4304 | -239.0439 | 140.7152 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 19 | 7 | -427.5531 | -404.4649 | 220.7766 | 18 vs 19 | 160.122703369424073 | 0.000000000000000000000000000000000001063749 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corARMA(p = 1, q = 1, form = ~1 | Rep), na.action = na.exclude) | 20 | 7 | -359.0730 | -335.9848 | 186.5365 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 21 | 7 | -267.4304 | -244.3422 | 140.7152 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCAR1(), na.action = na.exclude) | 22 | 9 | -355.0578 | -325.3729 | 186.5289 | 21 vs 22 | 91.627344634386247 | 0.000000000000000000012687466744581419958161 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 23 | 9 | -359.5258 | -329.8410 | 188.7629 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 24 | 9 | -359.5258 | -329.8410 | 188.7629 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCAR1(), na.action = na.exclude) | 25 | 7 | -359.0578 | -335.9696 | 186.5289 | 24 vs 25 | 4.468048713096209 | 0.107096566962416608892461056257161544635892 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 26 | 7 | -363.5258 | -340.4376 | 188.7629 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 27 | 7 | -363.5258 | -340.4376 | 188.7629 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCAR1(), na.action = na.exclude) | 28 | 6 | -429.4704 | -409.6805 | 220.7352 | 27 vs 28 | 63.944580675746693 | 0.000000000000001279688435312254594685973831 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCAR1(form = ~1 | Rep), na.action = na.exclude) | 29 | 6 | -361.0578 | -341.2679 | 186.5289 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 30 | 6 | -365.5258 | -345.7359 | 188.7629 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCompSymm(), na.action = na.exclude) | 31 | 9 | -272.2219 | -242.5370 | 145.1109 | 30 vs 31 | 87.303940201425291 | 0.000000000000000000830881287852659450394505 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 32 | 9 | -272.2219 | -242.5370 | 145.1109 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~day | Rep, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 33 | 9 | -272.2219 | -242.5370 | 145.1109 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCompSymm(), na.action = na.exclude) | 34 | 7 | -276.0244 | -252.9361 | 145.0122 | 33 vs 34 | 0.197531430284698 | 0.905954934684741974848520840168930590152740 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 35 | 7 | -276.0244 | -252.9361 | 145.0122 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm6, random = ~1 | Rep, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 36 | 7 | -276.0244 | -252.9361 | 145.0122 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCompSymm(), na.action = na.exclude) | 37 | 6 | -269.4304 | -249.6405 | 140.7152 | 36 vs 37 | 8.593921718356569 | 0.003372868633436069008696422955040361557622 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCompSymm(form = ~1 | Rep), na.action = na.exclude) | 38 | 6 | -278.0244 | -258.2345 | 145.0122 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 39 | 6 | -269.4304 | -249.6405 | 140.7152 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm6, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 40 | 6 | -278.0244 | -258.2345 | 145.0122 |  |  |  |