| call | Model | df | AIC | BIC | logLik | Test | L.Ratio | p-value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, na.action = na.exclude) | 1 | 8 | -215.2969 | -187.3854 | 115.6484 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, na.action = na.exclude) | 2 | 6 | -219.2861 | -198.3524 | 115.6430 | 1 vs 2 | 0.01081065 | 0.994609259001183243498190 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, na.action = na.exclude) | 3 | 5 | -198.9193 | -181.4746 | 104.4596 | 2 vs 3 | 22.36679794 | 0.000002252343406608887653 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corAR1(), na.action = na.exclude) | 4 | 9 | -237.7024 | -206.3020 | 127.8512 | 3 vs 4 | 46.78313083 | 0.000000001692044930539263 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 5 | 9 | -213.2969 | -181.8964 | 115.6484 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 6 | 9 | -213.2969 | -181.8964 | 115.6484 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(), na.action = na.exclude) | 7 | 7 | -241.7024 | -217.2798 | 127.8512 | 6 vs 7 | 24.40552229 | 0.000005016584945187645204 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 8 | 7 | -217.2861 | -192.8635 | 115.6430 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 9 | 7 | -217.2861 | -192.8635 | 115.6430 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(), na.action = na.exclude) | 10 | 6 | -288.6272 | -267.6936 | 150.3136 | 9 vs 10 | 69.34117469 | 0.000000000000000082822389 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(form = ~1 | Rep), na.action = na.exclude) | 11 | 6 | -240.7469 | -219.8133 | 126.3735 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 12 | 6 | -196.9193 | -175.9856 | 104.4596 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 13 | 10 | -238.4467 | -203.5574 | 129.2234 | 12 vs 13 | 49.52745952 | 0.000000000453166240650043 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corARMA(p = 1, q = 1, form = ~day), na.action = na.exclude) | 14 | 10 | -211.2969 | -176.4075 | 115.6484 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 15 | 10 | -211.2969 | -176.4075 | 115.6484 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 16 | 8 | -242.4467 | -214.5352 | 129.2234 | 15 vs 16 | 27.14985099 | 0.000001271993130982390422 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corARMA(form = ~day, p = 1, q = 1), na.action = na.exclude) | 17 | 8 | -215.2861 | -187.3746 | 115.6430 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corARMA(form = ~day | Rep, p = 1, q = 1), na.action = na.exclude) | 18 | 8 | -215.2861 | -187.3746 | 115.6430 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 19 | 7 | -292.4176 | -267.9951 | 153.2088 | 18 vs 19 | 75.13156309 | 0.000000000000000004403698 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~1 | Rep), na.action = na.exclude) | 20 | 7 | -244.3860 | -219.9635 | 129.1930 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 21 | 7 | -194.9193 | -170.4967 | 104.4596 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corCAR1(), na.action = na.exclude) | 22 | 9 | -237.7024 | -206.3020 | 127.8512 | 21 vs 22 | 46.78313083 | 0.000000000069370083442095 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 23 | 9 | -263.5394 | -232.1390 | 140.7697 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 24 | 9 | -263.5394 | -232.1390 | 140.7697 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(), na.action = na.exclude) | 25 | 7 | -241.7024 | -217.2798 | 127.8512 | 24 vs 25 | 25.83704986 | 0.000002452200114743232651 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 26 | 7 | -267.5282 | -243.1056 | 140.7641 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 27 | 7 | -267.5282 | -243.1056 | 140.7641 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(), na.action = na.exclude) | 28 | 6 | -288.6272 | -267.6936 | 150.3136 | 27 vs 28 | 19.09904009 | 0.000012410729260450287242 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(form = ~1 | Rep), na.action = na.exclude) | 29 | 6 | -240.7469 | -219.8133 | 126.3735 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 30 | 6 | -268.1887 | -247.2551 | 140.0944 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(), na.action = na.exclude) | 31 | 7 | -217.2861 | -192.8635 | 115.6430 | 30 vs 31 | 48.90264921 | 0.000000000002689871848946 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 32 | 7 | -217.2861 | -192.8635 | 115.6430 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 33 | 7 | -217.2861 | -192.8635 | 115.6430 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(), na.action = na.exclude) | 34 | 6 | -196.9193 | -175.9856 | 104.4596 | 33 vs 34 | 22.36679794 | 0.000002252343406608820738 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~1 | Rep), na.action = na.exclude) | 35 | 6 | -219.2861 | -198.3524 | 115.6430 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 36 | 6 | -196.9193 | -175.9856 | 104.4596 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 37 | 6 | -219.2861 | -198.3524 | 115.6430 |  |  |  |