| call | Model | df | AIC | BIC | logLik | Test | L.Ratio | p-value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, na.action = na.exclude) | 1 | 6 | -235.6735 | -215.3665 | 123.8367 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, na.action = na.exclude) | 2 | 5 | -208.6409 | -191.7184 | 109.3205 | 1 vs 2 | 29.03256483499547 | 0.00000007117177034655799 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corAR1(), na.action = na.exclude) | 3 | 9 | -265.5804 | -235.1199 | 141.7902 | 2 vs 3 | 64.93947899230722 | 0.00000000000026498643361 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(), na.action = na.exclude) | 4 | 7 | -269.5804 | -245.8889 | 141.7902 | 3 vs 4 | 0.00000002107464 | 0.99999998946267976140945 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day), na.action = na.exclude) | 5 | 7 | -233.6735 | -209.9820 | 123.8367 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 6 | 7 | -233.6735 | -209.9820 | 123.8367 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(), na.action = na.exclude) | 7 | 6 | -252.6769 | -232.3700 | 132.3385 | 6 vs 7 | 17.00347031320007 | 0.00003731156060029900659 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(form = ~1 | Rep), na.action = na.exclude) | 8 | 6 | -270.2979 | -249.9909 | 141.1489 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corAR1(form = ~day | Rep), na.action = na.exclude) | 9 | 6 | -206.6409 | -186.3339 | 109.3205 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 10 | 10 | -280.4654 | -246.6205 | 150.2327 | 9 vs 10 | 81.82450845403895 | 0.00000000000000007151132 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 11 | 8 | -284.4654 | -257.3894 | 150.2327 | 10 vs 11 | 0.00000001078757 | 0.99999999460621324942622 |
| 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) | 12 | 8 | -231.6735 | -204.5975 | 123.8367 |  |  |  |
| 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) | 13 | 8 | -231.6735 | -204.5975 | 123.8367 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1), na.action = na.exclude) | 14 | 7 | -254.1622 | -230.4707 | 134.0811 | 13 vs 14 | 20.48870833571823 | 0.00000599840761549430748 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~1 | Rep), na.action = na.exclude) | 15 | 7 | -286.4654 | -262.7739 | 150.2327 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corARMA(p = 1, q = 1, form = ~day | Rep), na.action = na.exclude) | 16 | 7 | -204.6409 | -180.9494 | 109.3205 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~day | Rep, correlation = corCAR1(), na.action = na.exclude) | 17 | 9 | -265.5804 | -235.1199 | 141.7902 | 16 vs 17 | 64.93947898036436 | 0.00000000000000791719443 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(), na.action = na.exclude) | 18 | 7 | -269.5804 | -245.8889 | 141.7902 | 17 vs 18 | 0.00000003301437 | 0.99999998349281349341311 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day), na.action = na.exclude) | 19 | 7 | -269.5864 | -245.8950 | 141.7932 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 20 | 7 | -269.5864 | -245.8950 | 141.7932 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(), na.action = na.exclude) | 21 | 6 | -252.6769 | -232.3700 | 132.3385 | 20 vs 21 | 18.90951290481314 | 0.00001370674605806448588 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(form = ~1 | Rep), na.action = na.exclude) | 22 | 6 | -270.2979 | -249.9909 | 141.1489 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCAR1(form = ~day | Rep), na.action = na.exclude) | 23 | 6 | -268.5561 | -248.2491 | 140.2780 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(), na.action = na.exclude) | 24 | 7 | -233.6735 | -209.9820 | 123.8367 | 23 vs 24 | 32.88261177576845 | 0.00000000978949731554719 |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 25 | 7 | -233.6735 | -209.9820 | 123.8367 |  |  |  |
| lme.formula(fixed = gr ~ day \* Treatment, data = d\_evo\_rm, random = ~1 | Rep, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 26 | 7 | -233.6735 | -209.9820 | 123.8367 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(), na.action = na.exclude) | 27 | 6 | -206.6409 | -186.3339 | 109.3205 | 26 vs 27 | 29.03256483499473 | 0.00000007117177034658518 |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~1 | Rep), na.action = na.exclude) | 28 | 6 | -235.6735 | -215.3665 | 123.8367 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~day), na.action = na.exclude) | 29 | 6 | -206.6409 | -186.3339 | 109.3205 |  |  |  |
| gls(model = gr ~ day \* Treatment, data = d\_evo\_rm, correlation = corCompSymm(form = ~day | Rep), na.action = na.exclude) | 30 | 6 | -235.6735 | -215.3665 | 123.8367 |  |  |  |