**Table S1.** Generalized Linear Models (GLM) with Gaussian distribution for *Ilex paraguariensis* rooting variables.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Rooted cuttings (%) | | | | | |
|  | DF | Deviance | Resid. Df | Resid. Dev | Pr (>Chi) |
| NULL |  |  | 159 | 153534 |  |
| Genotype | 7 | 23509 | 149 | 78458 | 2.318-13 |
| Season | 3 | 51467 | 156 | 101968 | < 2.2-16 |
| Genotype x Season | 21 | 37778 | 128 | 40680 | 1.151-15 |
| Number of roots (n) | | | | | |
| NULL |  |  | 159 | 5077.4 |  |
| Genotype | 7 | 592.57 | 149 | 2889.3 | 3.863-7 |
| Season | 3 | 1595.53 | 156 | 3481.8 | < 2.2-16 |
| Genotype x Season | 21 | 1111.68 | 128 | 1777.6 | 7.925-9 |
| Leaf retention (%) | | | | | |
| NULL |  |  | 159 | 180790 |  |
| Genotype | 7 | 45260 | 149 | 71135 | < 2.2-16 |
| Season | 3 | 64395 | 156 | 116395 | < 2.2-16 |
| Genotype x Season | 21 | 28535 | 128 | 42600 | 8.679-10 |
| New sprouts (%) | | | | | |
| NULL |  |  | 159 | 143738 |  |
| Genotype | 7 | 17138 | 149 | 84568 | 4.655-7 |
| Season | 3 | 42032 | 156 | 101705 | < 2.2-16 |
| Genotype x Season | 21 | 32648 | 128 | 51920 | 6.694-9 |