Table 3 Gaussian model with the log response ratio of seed number with HP treatment on seed number with CP treatment within flower pairs (same pair ID) for non-zero counts as response variable, and recipient-donor phylogenetic distance as well as recipient and donor status as response variables.

|  |  |  |
| --- | --- | --- |
| **Response variable (n=453)** |  | |
| **Parameter** | **Estimate (SE)** | **p-value (>|z|)** |
| Intercept (Recipient common) | 0.2124 (0.210) | 0.860 |
| Recipient rare | -0.6399 (0.132) | 0.604 |
| Opposite status donor | 0.0970 (0.1333) | 0.942 |
| PD | -0.0008 (0.005 | 0.866 |
| Recipient rare: Opposite status donor | -0.0074 (0.500) | 0.996 |
| Recipient rare: PD | 0.0025 (0.005) | 0.608 |
| Opposite status donor: PD | -0.0010 (0.005) | 0.860 |
| Recipient rare: Opposite status donor:PD | -0.0010 (0.006) | 0.897 |
| **Random terms** | **SD** | |
| Recipient species (8) | 2.651 \* 10-5 | |
| Donor species (8) | 1.076 \* 10-5 | |
| Treatment date (55) | 1.745 \* 10-1 | |
| Recipient individual ID (159) | 2.877 \* 10-1 | |
| Donor individual ID (250) | 1.600\* 10-1 | |
| Residual | 7.099\* 10-1 | |
| **Dispersion estimate:** | 0.504 | |