1. **Eusociality and haplodiploidy (Both ER models, for 10 trees and 10 simulation runs)**

Summary of results from D-test:

E(D|X) = 0.0118, P(D) = 0

(Type ...$'E(Dij)' and ...$'P(Dij)' for

pairwise E(D) and P-values.)

**I think these are pairwise E(D) and p-values:**

Input: dtest\_ER1$`E(Dij)

Output:

0 1

0 0.00295261 -0.00295261

1 -0.00295261 0.00295261

Input: dtest\_ER1$`P(Dij)`

0 1

0 0 1

1 1 0

1. **Eusociality and haplodiploidy (Both ARD models, for 10 trees and 10 simulation runs)**

Summary of results from D-test:

E(D|X) = 0.0339, P(D) = 0

(Type ...$'E(Dij)' and ...$'P(Dij)' for

pairwise E(D) and P-values.)

**I think these are pairwise E(D) and p-values:**

dtest\_ARD1$`E(Dij)`

0 1

0 0.008476969 -0.008476969

1 -0.008476969 0.008476969

dtest\_ARD1$`P(Dij)`

0 1

0 0 1

1 1 0