**Dataset Sizes**

Forest\_D\_ALL - 18 species X 29 resources - 522 2n = 262144  
Forest2 - 46 species X 39 resources - 1794 2n = 70.3x10^12  
Forest1 - 89 species X 37 resources - 3293 2n =

**Benchmarking Tests**

Original Software  
Forest\_D\_ALL - ~300ms  
Forest2 - ~10400ms  
Forest1 (50m iterations) - ~120400ms

Improved software - Full output Truncated output  
Forest\_D\_ALL - ~300ms ~260ms  
Forest2 - ~10600ms ~2200ms  
Forest1 (50m iterations) - ~62000ms -

**Algorithm improvements**

**GUI**