Discussion topics

1. Stand-level response to basal area removal
   1. By period
      1. We have four periods over which to measure basal area/volume increment. Two are shortly after treatment, last two are over longer periods.
      2. What do we see? A lag? Or constant increase?
         1. By computing the MAI per period, we can see if the slope differs between periods.
         2. Hypothesis is that we expect that after treatment, there will be an initial lag, or possibly even a decline in stand volume/basal area, possibly associated with mortality.
   2. By species
2. Tree-level response to basal area removal
   1. Tree-level growth response by species and diameter class
      1. Results showed that across all three treatment units, larger trees responded with higher growth rates over the 27-year period of the trial.
      2. Trees in the high-removal treatment unit tended to respond with faster growth rates than the other two treatment units.
         1. This result was anticipated, as removing more trees in this unit provided greater access to resources for residual trees.
   2. Shifts in diameter classes by treatment unit