

## Factorial Homework Expectations

- One submission for your project team
- Write-up should contain the following:
  1. Explaining the equipment setup
  2. Explain the measurement of each of your dependent variables
  3. Include your original data (electronic, not hand-written)
  4. Calculations for Popping Time, and Quality
  5. Show calculations/results for MEA, MEB, and IEAB
  6. Show calculations/results for the cell, row, column, and overall averages for both dependent variables
  7. Show calculations/results for mean square variances
  8. Calculate FA, FB, and FAB $\bar{}$  for both dependent variables
  9. Solve for the confidence (alpha) that tells you how likely the trend seen is due to a statistical anomaly
- The write-up should be done electronically, then printed out and turned in during your instructor/team meeting next week.