

Name: _____

CHE384 Data to Decisions
Fall, 2018, Chris A. Mack

Exam #2 – In Class Portion (25%)

open book, open notes, calculators and laptops allowed

1) For the first model that you generated during the take-home portion, calculate the variance inflation factors for each regressor variable. What can you conclude? Do the same for the second (reduced) model. What changes?

2) Consider influential data points in your model fit. Do you have any data that you might consider highly influential? If so, why are they influential? What might you do about that?

3) Consider the sampled material 1 and material 2 parameter space. Are there regions of that space that are not adequately sampled? What are they? What might sampling in those regions do for your regression?