**Machine learning questions**

Features vs. N considerations

* Costs/Benefits of items vs. scales (sums of items)
* Monthly scale scores vs. Mean of 3 scores vs. Both
* 2 way interactions between features (X1\*X2), 3 way interactions (X1\*X2\*X3), linear (X1) and higher order (X1^2, X1^3)

Model evaluation and comparisons

Cross validation