

## **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 ( $X1 \cdot X2$ ), 3 way interactions ( $X1 \cdot X2 \cdot X3$ ), linear ( $X1$ ) and higher order ( $X1^2$ ,  $X1^3$ )

Model evaluation and comparisons

Cross validation