Introduction

* Why does it matter?
  + “… this is what I’m talking about and this is why it’s interesting.”
* Explain PM cost
  + What is it?
  + How do we measure it?
    - Behaviorally
    - Neurally
  + Why does it matter?
* Is it possible to have monitoring without maintenance or maintenance without monitoring?

Hypotheses:

* Cost of both can be measured behaviorally with PM cost
* Higher PM cost with maintenance and monitoring compared to just monitoring

PM cost is useful for predicting errors. Because of this we wanted to tease apart PM cost for just maintaining and just monitoring before looking at them together. Following this train of thought, we were able to see if maintenance or monitoring on their own were useful for predicting performance or if it was the combination of the two that was necessary for prediction.

Methods

* Task design
  + Baseline
  + Maintenance
  + Monitoring
  + M&M

Results

* How do I compute PM cost here?
* Does maintenance cost predict combined performance?
* Does monitoring cost predict combined performance?
* Additive PM cost

What is driving performance???

***Analysis I still need to do:***

* By trial relationship between costs and performance
* Look into cost difference Seth mentioned in channel
  + How do eye movements explain some of the differences between maintenance and monitoring?