Proposal

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Introduction

Methods

- describe USGS data and how you collected it
- description of why certain sites were chosen
    - explain that for the purposes of proposal, model was evaluated for only one of the sites
- description of methods used to model metabolism

Results

- present results of modeling from one site as a preliminary result
  # Discussion

- connect the results back to metabolism regime work done by bernhardt et al 2018, etc
- describe plans for final project

```
## PAR estimated based on latitude and time.

## 'data.frame':    143 obs. of  10 variables:
##  $ date     : Factor w/ 143 levels "2016-12-31","2017-01-01",..: 1 2 3 4 5 6 7 8 9 10 ...
##  $ GPP      : num  NA -0.1076 0.0522 -0.0763 -0.0249 ...
##  $ GPP.lower: num  NA -1.71 -1.78 -2.01 -1.85 ...
##  $ GPP.upper: num  NA 1.53 2.09 1.67 1.79 ...
##  $ ER       : num  NA -12.2 -14 -12.2 -10.5 ...
##  $ ER.lower : num  NA -24.1 -26.2 -25.6 -20 ...
##  $ ER.upper : num  NA -3.03 -5.11 -4.12 -2.68 ...
##  $ msgs.fit : Factor w/ 2 levels "w      ","w     E": 2 1 1 1 1 1 1 1 1 1 ...
##  $ warnings : logi  NA NA NA NA NA NA ...
##  $ errors   : logi  NA NA NA NA NA NA ...
```