

## **Abstract**

In order to We describe the calculation of the observed SDSS-III BOSS galaxy powerspectrum used to compare the halo model powerspectrum prediction.

# **1 Sample Selection**

## **1.1 BOSS Galaxy Sample**

- Describe CMASS LOWZ combined sample here
- Describe systematic effects here

# **2 Powerspectrum**

## **2.1 Estimator**

- Describe revised FKP estimator to account for systematics in BOSS galaxy sample

## **2.2 Fiber Collision Correction**

- Describe, briefly, the fiber collision correction method of Hahn et al. (in prep.)
- Present fiber collision corrected  $P(k)$  for entire combined sample? just CMASS? two bin combined sample?

## **2.3 Redshift Binning**

- Describe the motivation for narrow redshift binning
- Describe observational challenges of narrow redshift binning
- Describe final redshift binning and cosmic variance modeling using nseries mocks