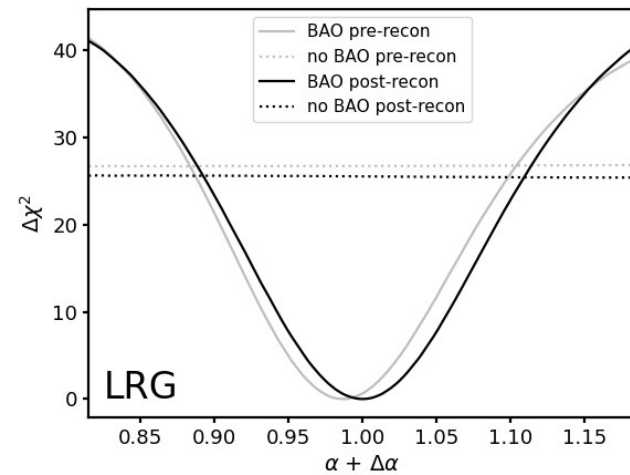
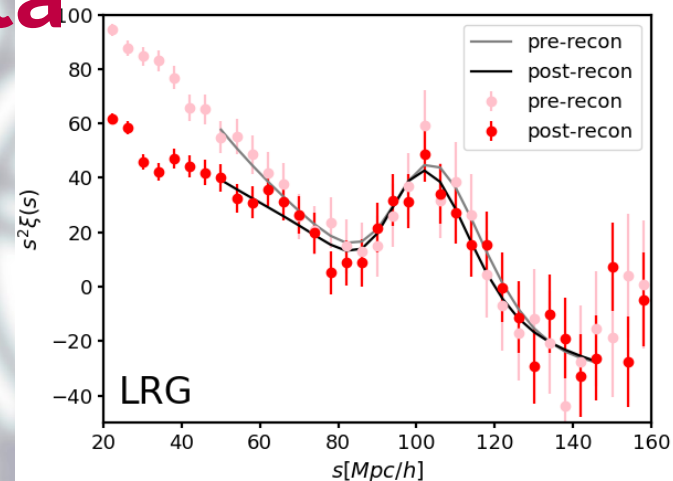


First Detection of the BAO Signal from Early DESI Data



- Tested with mocks (Abacus and EZmocks)
- Semi-analytic covariance matrix (RascalC)
- BAO detection with the first 2 months of DESI:
 - LRG: $\sim 5\sigma$ with 1.6% precision
 - BGS: $\sim 3\sigma$ with 2.6% precision
- Fisher forecast predicts $\sim 0.29\%$ precision for Y5