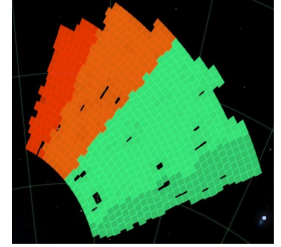


Galaxy clustering

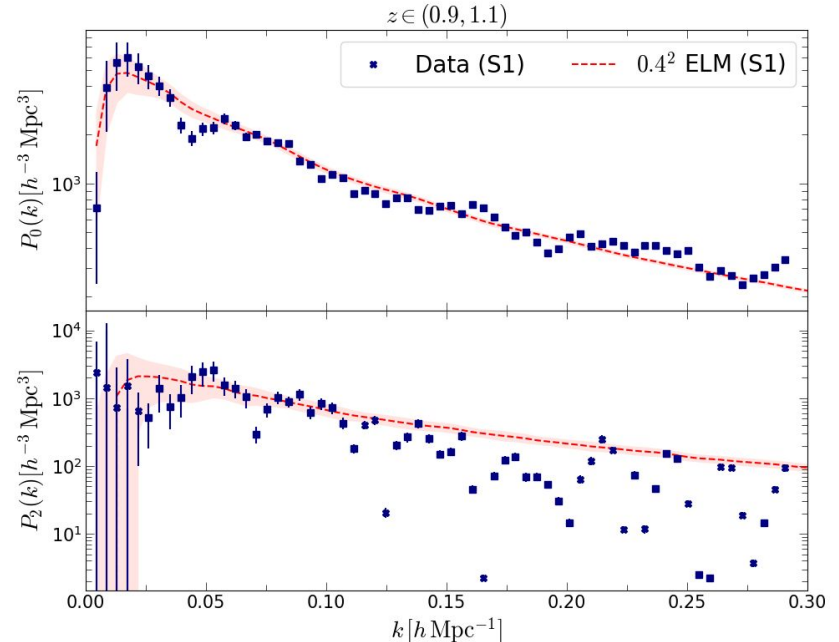
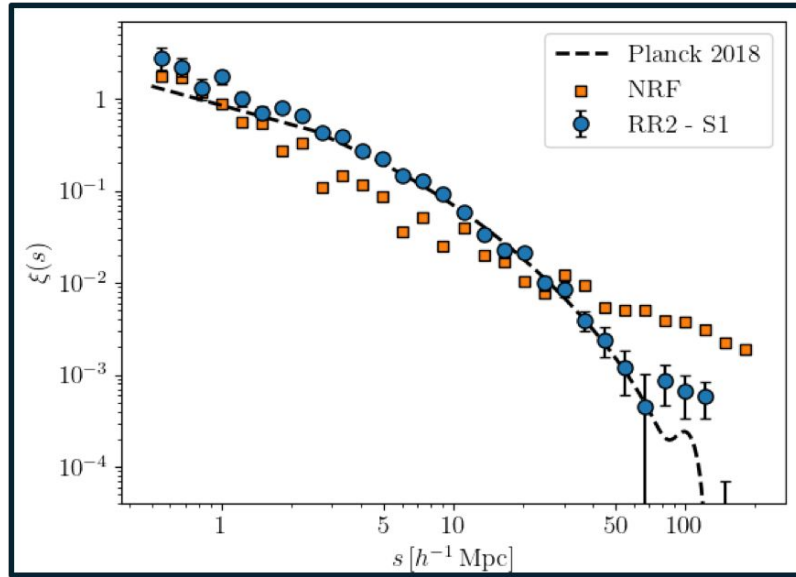
Discussion

Coordinators: Enzo Branchini, Pierluigi Monaco

The two-point correlation functions (Regression Reprocessing campaign 2, old buggy pipeline with ~40% purity)

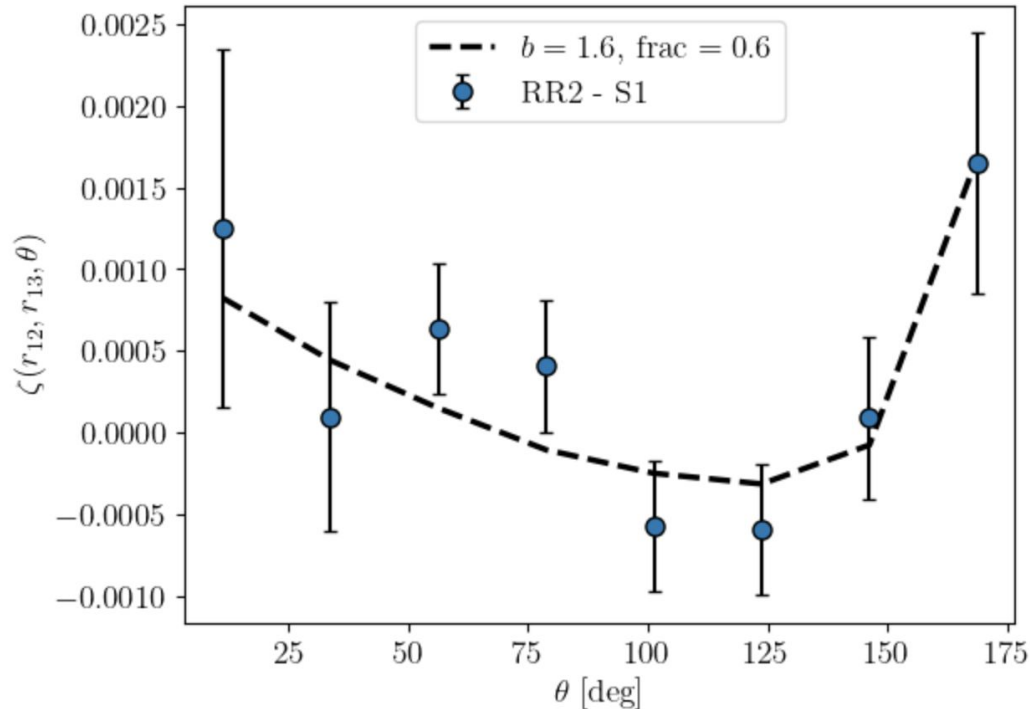
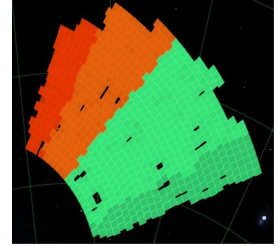


A. Farina, I. Risso, A. Veropalumbo, Y. Elkhachab



The three-point correlation functions

(Regression Reprocessing campaign 2,
old buggy pipeline with ~40% purity)



Main criticalities

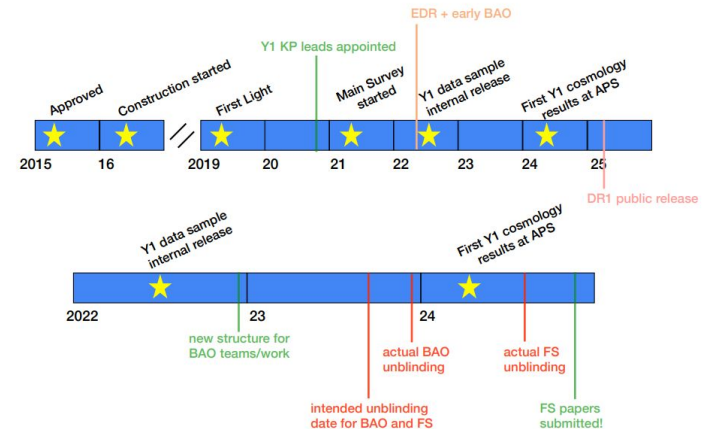
- *Feedback to SGS.* The results of the scientific validation, in particular the optimization of the selection criteria will feed back to LE3 SGS. Some processing function will need to be updated before being executed to generated DR1 products.

Main criticalities

- **Feedback to SGS.** The results of the scientific validation, in particular the optimization of the selection criteria will feed back to LE3 SGS. Some processing function will need to be updated before being executed to generated DR1 products.
- **Timeline:**
 - (delayed) freezing of pipeline down to LE2: July 25
 - processing of RR2 unblinded area: September 25
 - release of DR1 to EC: March 2026 (plus delays...)
 - public DR1 release: October to December 2026 - **strict deadline**
 - the risk of not being ready by public DR1 is high

DESI timeline

credit: Sesh Nathadur



Main criticalities

- *Feedback to SGS*. The results of the scientific validation, in particular the optimization of the selection criteria will feed back to LE3 SGS. Some processing function will need to be updated before being executed to generate DR1 products.
- *Timeline*: the risk of not being ready by public DR1 is high
- *Quality of the spectroscopic sample*: the optimal DR1 EWS will likely have purity (~60-80%) and density (~400-1000 galaxies deg⁻²) lower than requirements (that apply to DR3)