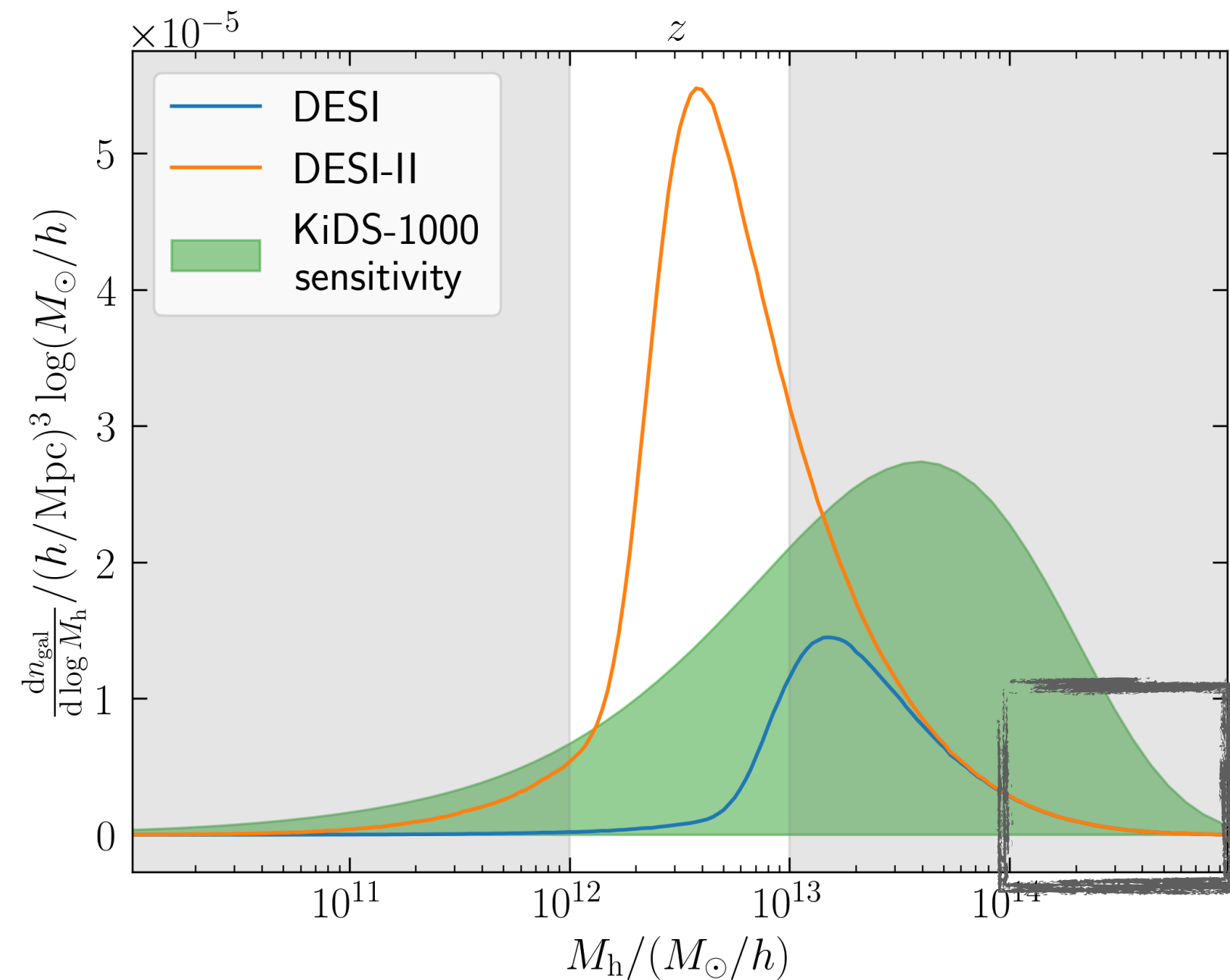
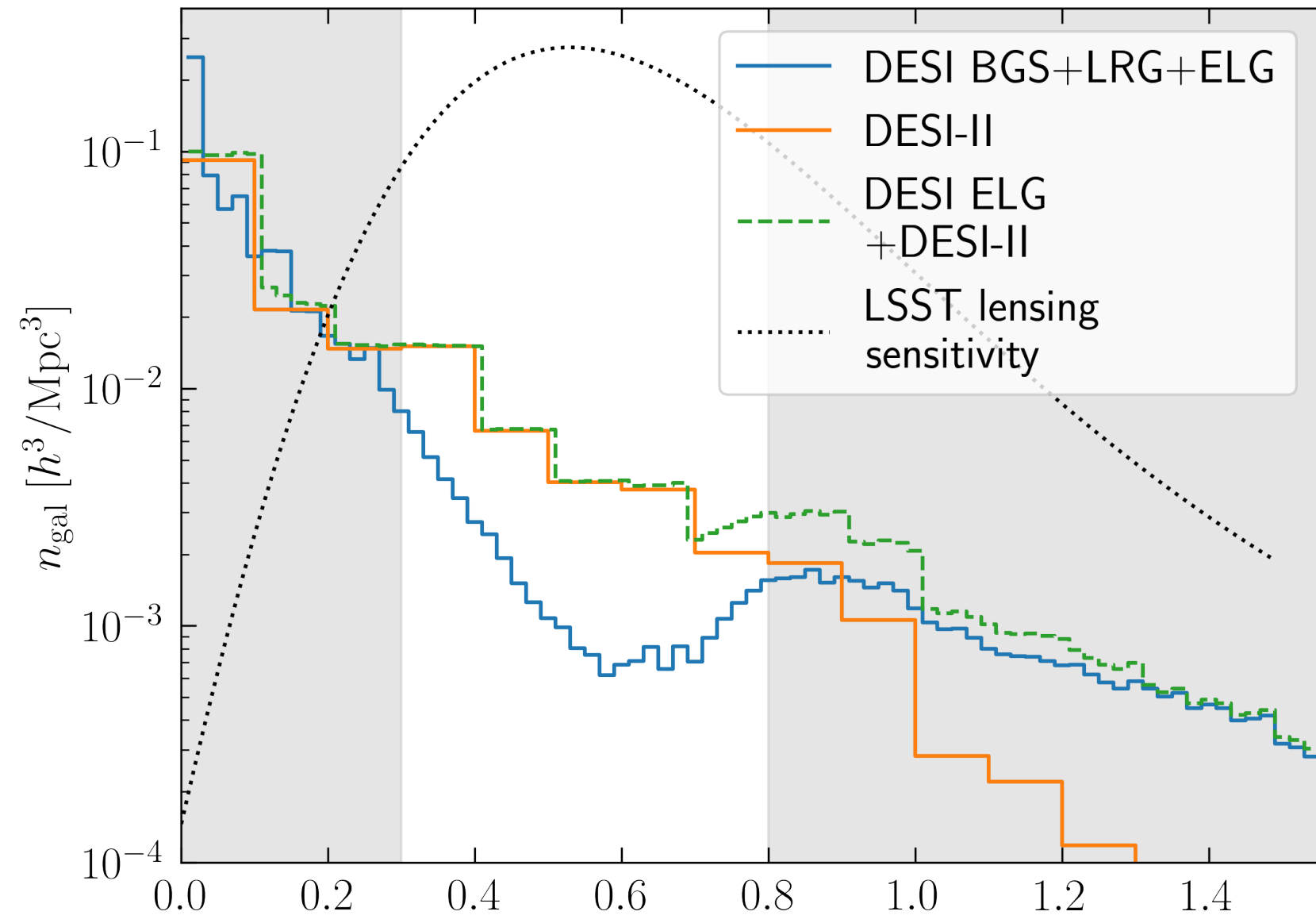


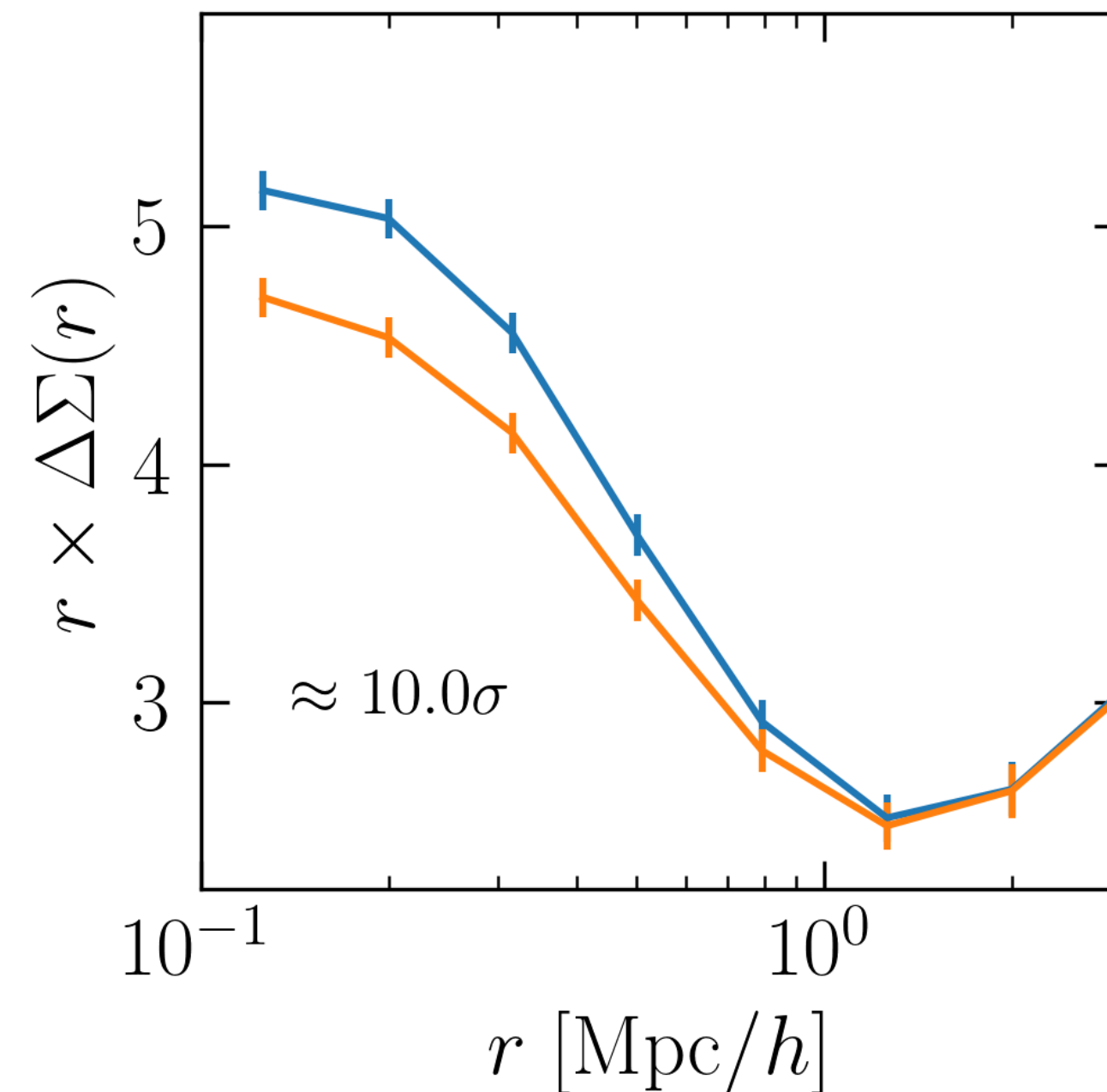
# DESI-II + LSST = More than the sum of their parts

For the LBNL PS town hall, 02/23/2023

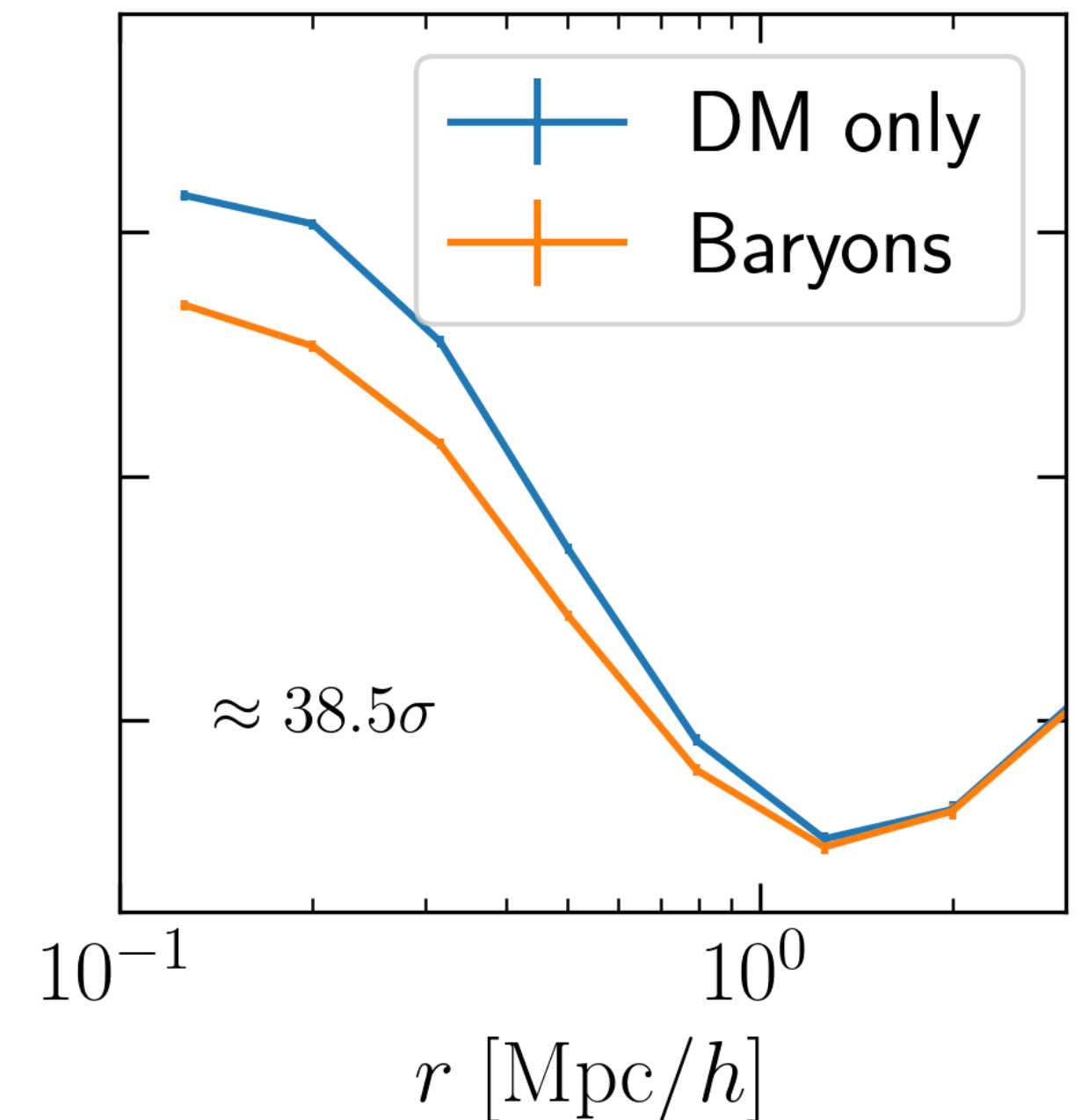
1. Calibration of Baryonic effects over a mass range relevant for Cosmic Shear
2. Constraints on Intrinsic Alignment for a wide range in halo mass
3. Calibration of LSST Y1 redshifts

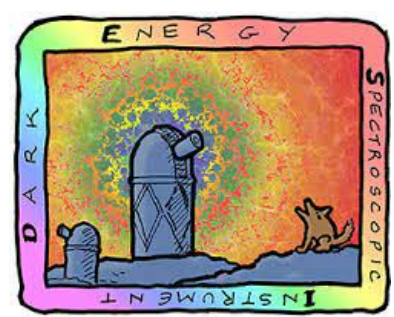


DESI × LSST



DESI-II × LSST

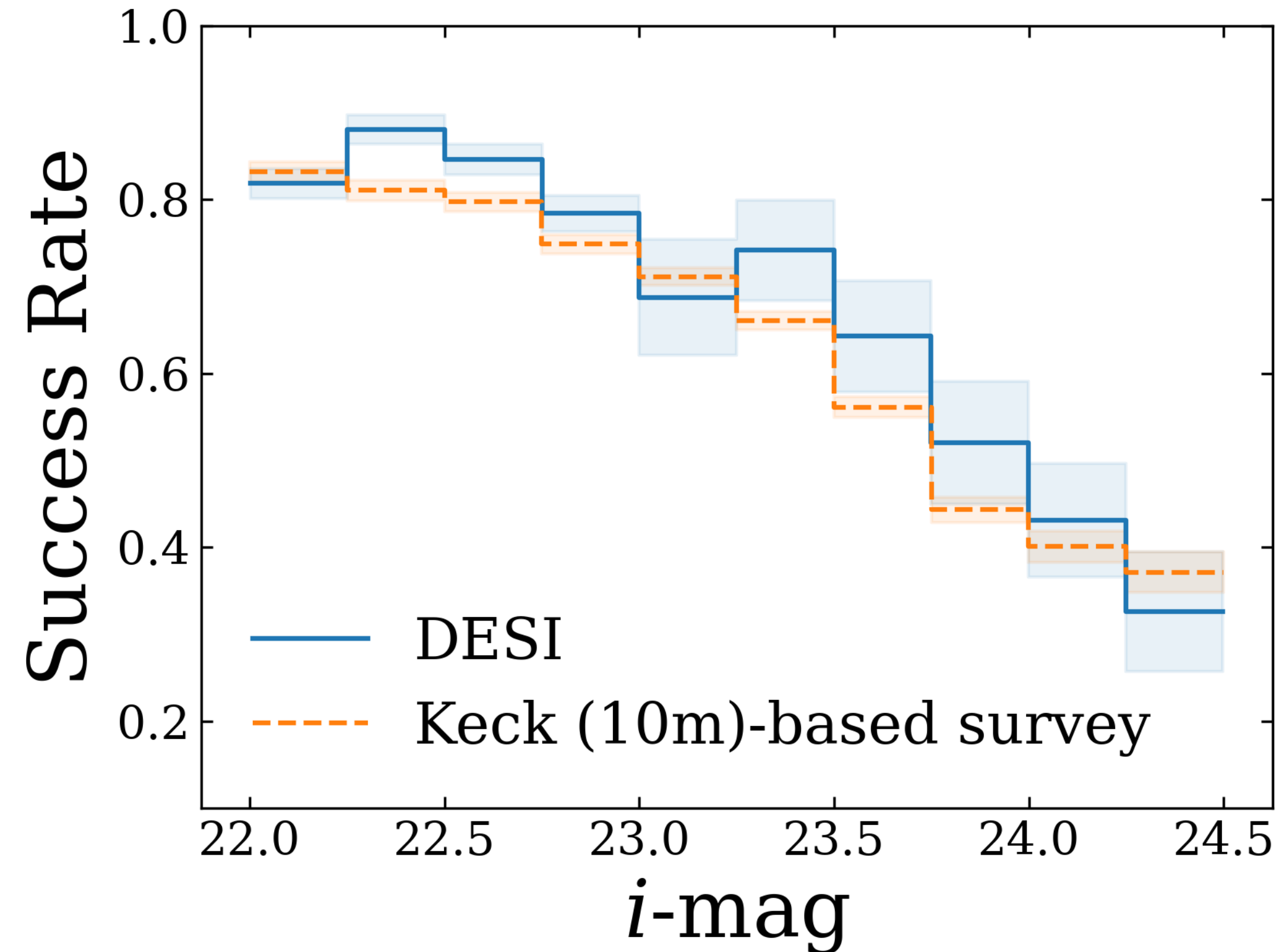




# DESI-II + LSST = More than the sum of their parts

For the LBNL PS town hall, 02/23/2023

1. Calibration of Baryonic effects over a mass range relevant for Cosmic Shear
2. Constraints on Intrinsic Alignment for a wide range in halo mass
3. Calibration of LSST Y1 redshifts



Credit: Biprateep Dey, Jeff Newman & DESI collaboration

DESI is extremely good at measuring redshifts of faint galaxies! We can target the overlap with LSST to create a redshift calibration sample.

Contact us at [sven@ucsc.edu](mailto:sven@ucsc.edu)!