The Clustering Properties of Star-Forming Galaxies at z~2 by Extremely Wide-Field Galaxy Survey

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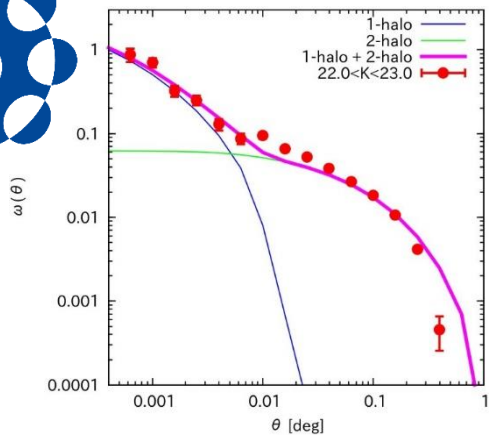
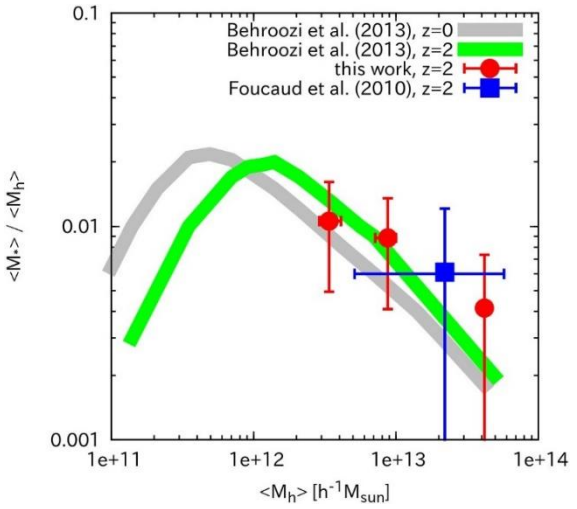


We present the clustering properties of star-forming galaxies (sgzKs) at z~2 based upon extremely wide-field galaxy survey.

our uniqueness : wide-field gzK galaxy survey (~5 deg^2!!)

→ enables to the HOD analysis by high-quality ACFs



By HOD analysis, we derived

- ✓ accurate dark halo mass residing sgzKs
- ✓ expectation values of sgzKs per one halo

- ➢ SHMR at z~2 shifts rightward from the sequence of z=0
- ➢ galaxy evolution tracing the evolution of the number of satellite galaxies