

—●— MAP + PJ-HPDI    ···◆··· M-HPDI    -■- nominal

KiDS-1000  $3 \times 2$ pt

Cosmic shear + GGL

Cosmic shear + galaxy clustering

Cosmic shear

Galaxy clustering

Planck 2018 TTTEEE+lowE

BOSS+KV450 (Tröster et al. 2020)

DES Y1  $3 \times 2$ pt (DES Collaboration 2018)

KV450 (Hildebrandt et al. 2020)

DES Y1 cosmic shear (Troxel et al. 2018)

HSC pCl (Hikage et al. 2019)

HSC  $\xi_{\pm}$  (Hamana et al. 2020)

0.70    0.75    0.80    0.85

$$S_8 \equiv \sigma_8 \sqrt{\Omega_m/0.3}$$

