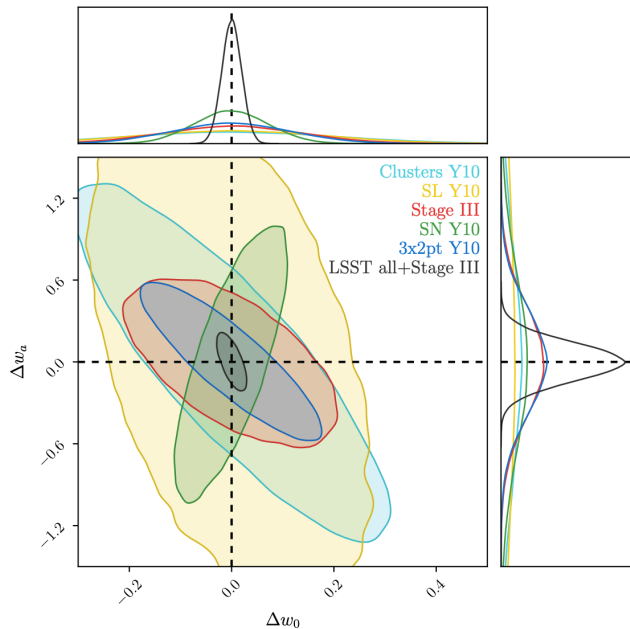
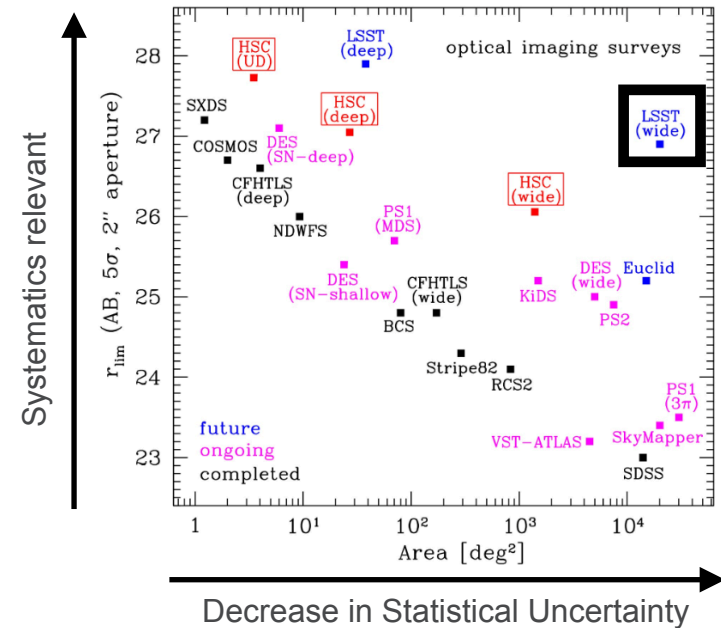


# SYNERGIES OF SURVEY PROGRAMS FOR COSMIC FRONTIER (MMRAU)

DESC SRD arXiv:1809.01669



HSC SSP



Photometric Survey teams like LSST-DESC derive cosmological information using images in broad optical filters to **maximize cosmological information**. **Systematics**, like e.g. error in distance or redshift measurements, **can be difficult to mitigate**.

**Spectroscopic** or narrow filter multi-band surveys complement these survey programs in current analyses. Future analyses will concentrate on multi-survey analyses exploiting complementary survey designs. Increase effort in development of necessary statistical methodology and experimental infrastructure.