

Abstract Submitted
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The Dark Energy Survey Science Verification Shear Catalog

MICHAEL JARVIS, Univ of Pennsylvania, ERIN SHELDON, Brookhaven National Lab, JOE ZUNTZ, SARAH BRIDLE, Manchester University, TOMASZ KACPRZAK, ETH Zurich, DARK ENERGY SURVEY COLLABORATION — We present results of the weak lensing analysis of the Dark Energy Survey (DES) science verification data. The science verification (SV) data use the same telescope and camera as the full DES is using, but the data were taken during commissioning time the year prior to the start of the DES. We have undergone a large battery of null tests to look for systematic errors in the shear values. The catalogs pass all tests at the levels required for doing weak lensing science with the SV data. We will show here the results of some of the more interesting tests. We will mention briefly some plans for improvements to the pipeline to help meet the more stringent demands of the full 5-year DES survey.

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