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The Rubin-Euclid Derived Data Products (DDPs)

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The Rubin LSST and the Euclid survey will each deliver groundbreaking astronomical datasets over this decade in the optical and near-infrared. Both surveys will map thousands of square degrees of sky from the ground and space respectively, with an overlap area of approximately 9000 square degrees at high galactic latitudes. The combination of Euclid's high spatial resolution imaging in the optical and near-infrared photometry with Rubin's densely sampled deep multi-band optical imaging will greatly enhance the science yield of both surveys. Indeed, while each survey on its own is poised for breakthrough science, their combination is likely to be truly transformative. We report here on the products recommended by both the Rubin and Euclid scientific communities.

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