Analysis and Post-processing Tools

There are many tools used to explore and visualize, analyze and report on the simulated surveys.

Generation 1: newreport.py, newextract.py, timereport.py, etc

- Set of python scripts which produce text output files or a series of images
- Executed manually during simulation or after a simulation is complete

Generation 2: Simulated Survey Tools for Analysis and Reporting (SSTAR)

- A formatted and documented standard report is produced automatically for every simulation
- All output files are tabulated and made available as a series of links on a password protected webpage

Generation 3:

Tableau – used for rapid prototyping and exploratory visualization

Cadence Metrics – used to compare one simulation to another