Full-Shape fit

1. Read in config files.
2. Find derived parameters at the fiducial cosmology.
3. Setting pybird correlator.
   1. Output = bpk
   2. Nl = 3
   3. Skycut, z from config file.
   4. Optiresum = False.
   5. With\_bias = False.
   6. Kmax = 0.35
   7. Xdata = xdata.
   8. With\_AP = True
   9. DA\_AP and H\_AP from the derived parameters.
   10. With\_fibercol = False.
   11. With\_window = False.
   12. With\_stoch = True.
   13. With\_resum = True.
   14. With\_binning = True.
4. Compute the derived parameters with the cosmological parameters on a grid.
5. Compute the correlator.
   1. Setup Bird.
   2. Find linear and loop power spectrum from nonlinear.py.
   3. Set the loop power spectrum.
   4. Calculate IR resummation.
   5. Apply AP effect.
   6. Apply the binning correction.
6. Call formatTaylorPs to find Plin and Ploop.
7. Using Taylor expansion to interpolate Plin and Ploop during MCMC.

Shapefit

1. Read in the config files.
2. Setting up the correlator.
   1. Output = bpk
   2. Nl = 3
   3. Skycut, z from the config file
   4. Optiresum = False.
   5. With\_bias = False.
   6. With\_time = False.
   7. Xdata = xdata
   8. With\_AP = True
   9. Kmax = 0.35
   10. Da and Hz from the derived parameters.
   11. With\_window = False
   12. With\_stoch = True
   13. With\_fibercol = False
   14. With\_binning = True.
3. Compute the correlator.
   1. Set up pybird.
   2. Find linear and loop power spectrum from nonlinear.py.
   3. Set the loop power spectrum.
   4. Calculator the IR resummation.
4. Scale the power spectrum by the appropriate shapefit factors.
5. Apply AP effect.
6. Apply binning matrix.