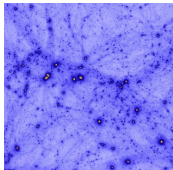


*Input cosmological
parameters*

$\Omega_m, \sigma_8,$
 $H_0, \text{etc.}$

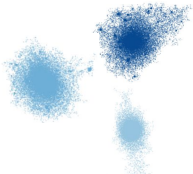


DM-only simulations



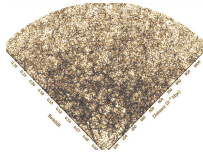
Characteriz-
ation of dark
matter halos

DM halos



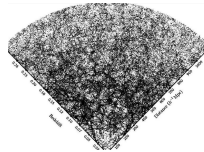
Model of
galaxy
abundance

Mock galaxy catalogs



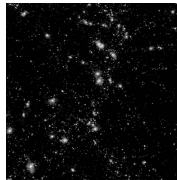
Galaxy
clustering
statistics

Real galaxy survey



Target
selection &
observation

Real universe



*True cosmological
parameters*

$\Omega_m, \sigma_8,$
 $H_0, \text{etc.}$

