Snapshot-150 at redshift z=0.3000;   Simulation: bdm_cdm1024, Grid size: 512, Scheme: TSC
Halos selected by mass at redshift 0 in [2.00e+11,2.01e+11] $h^{-1}M_\odot$ with median 2.00e+11 $h^{-1}M_\odot$

4 $R_{\rm vir}(z=0) = 0.476\ h^{-1}$ Mpc thick slice in halo centric stack of 951

$R_{\rm vir}(z=0) = 0.119\ h^{-1}$ Mpc

virial radius from halo catalogue
virial boandary based on halo catalogue
virial radius from spherical collapse

$(1+\delta)$

h^{-1}Mpc

h^{-1}Mpc