



Use cases:

- Analysis on 1.0 runs
- Any analysis that requires actual center of main halo
- Low-redshift analysis of main halos

central	halo_info	branch	resulting center	function	resulting region
TRUE	yes	3.1	unmodified halo_c_v	get_center_from_catalog	entire domain
TRUE	smoothed	3.2	smoothed halo_c_v	get_center_from_smoothed_catalog	entire domain
TRUE	no	4	search with guess from track	get_center_from_calcuated	track box
FALSE	-	5	search with guess from track	get_center_from_calcuated	track box
FALSE	-	6	center of highest-res DM region	get_center_from_DM_region	same region