Density assignment function for cell size of 1 h^{-1} Mpc 1.0 Nearest Grid Point (NGP) Cloud In Cell (CIC) Triangular Shaped Cloud (TSC) 0.8 0.6 0.4 0.2 0.0 2.5 0.0 2.0 0.5 1.0 1.5 distance between particle and grid cell centre (h^{-1} Mpc)