two-point real-space correlations

$z=0.57$ Abacus simulation

Legend:
- galaxy $n=1.32e-03$
- matter $n=1.25e-02$
- galaxy-matter

$\log M_{min}=12.5,\ \sigma_{\log M}=0.5,\ \log M_1=13.5,\ \log M_0=12.5,\ \alpha=1.0$

r (h^{-1} Mpc)