

Large scales

- Red Central galaxies

- satellites don't matter
- only bright galaxies are observed
- luminosity dep.

more IA signals.

- Weighted LA model w/ luminosity dependence
- Eq 6.7

- Red, blue central / satellites

- Radial dep. satellite alignment
- Luminosity dep. satellite alignment.
- Eq 17.18

- Satellite alignment at small r .

more IA signals

due to less # of satellites

small scales.

ignore satellites
anisotropic distributions within a halo.

