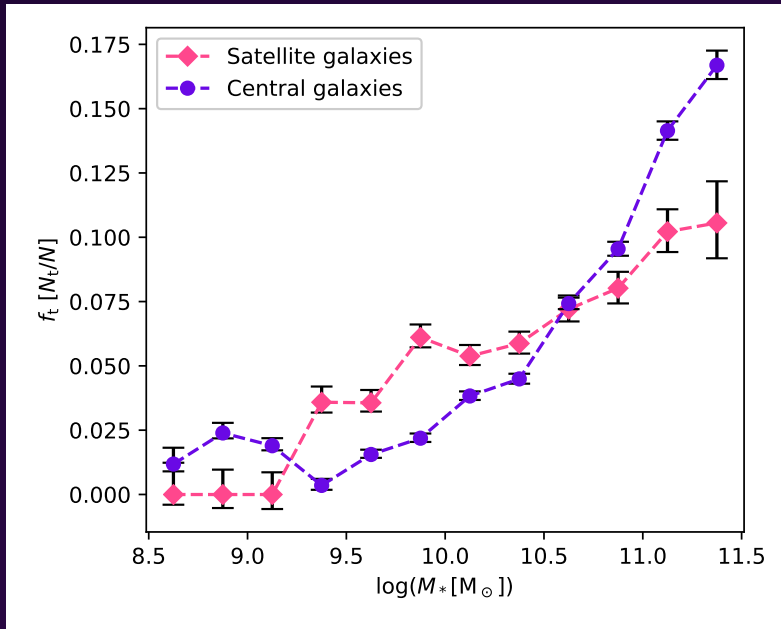


# The environmental dependence of recently quenched satellite galaxies in groups

# Quenching and Transient Galaxies

- Internal
  - AGN activity, morphology
- External
  - Mergers, ram-pressure stripping,
- H $\alpha$ :
  - 656 nm, O-type stars, ~10 Myr
- UV:
  - 100-400 nm, O- and B-types, ~100 Myr
- Galaxies with significant UV, but negligible H $\alpha$  have ceased star-formation in the last ~100 Myr

# Transient galaxies



- We find that at low stellar mass, transient galaxies are more affected by environment