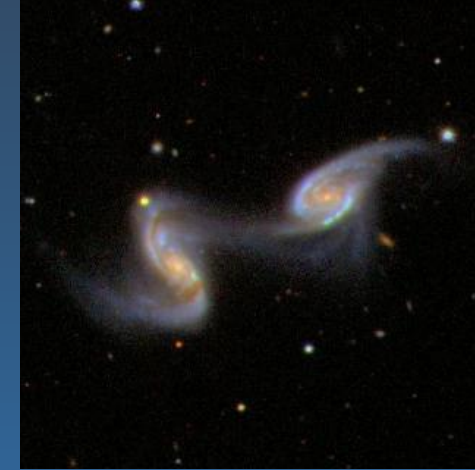


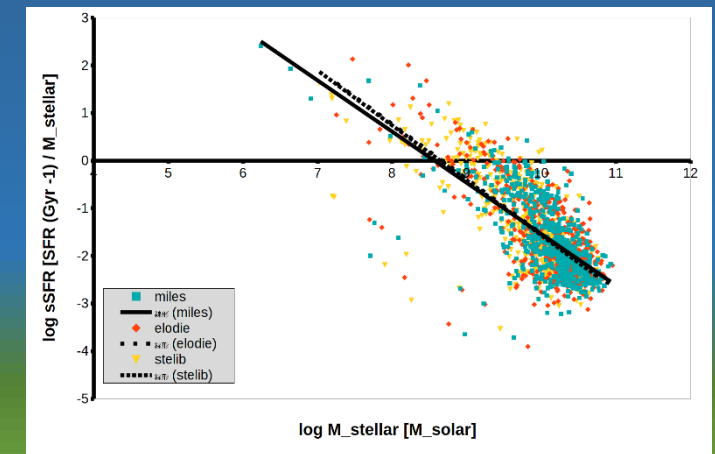
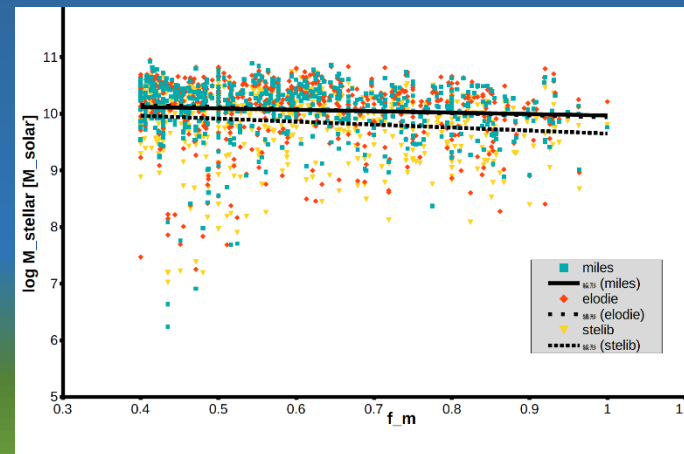
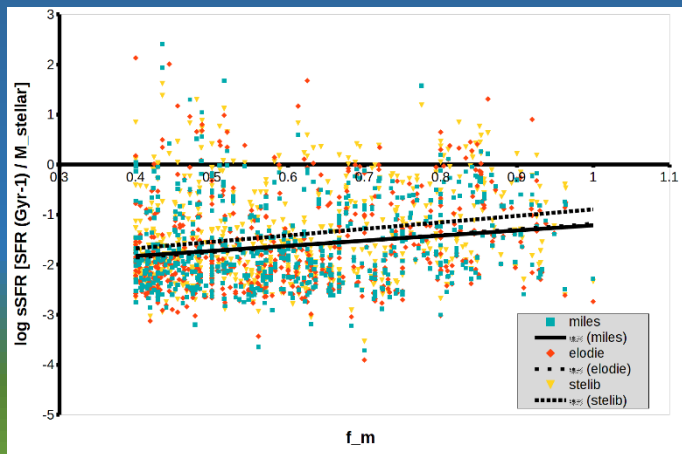
Investigating the Properties of Local Interacting Galaxies

Kiyooki OMORI, Tsutomu T. TAKEUCHI

- Galaxy Interactions can affect various properties
 - Visual properties – morphologies, colours
 - Internal properties – Star Formation
- Despite being a fundamental process in galaxy evolution, the full picture is unclear
- We have evaluated possible relationships between galaxy properties and galaxy interactions



Arp 240 (SDSS)



- Based on current results, it is difficult to determine any concrete relationships and the weighted-merger-vote fraction f_m .