Environment- vs. Mass-driven Quenching in the NUVrK diagram

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NUVrK big picture

 NUVR - r (restframe)

(low-mass & K+A)

young Q

old Q

slow quenching channel

M*-related

environment-driven

old SF

(massive & dusty)

NUV - r (restframe)

(fast quenching channel)

Faberg+2007

Schawinski+2014

Moutard et al. 2016a,b

Moutard et al. 2018

The Physics of Galaxy Scaling Relations, 15-20 July 2018, Queen's University