

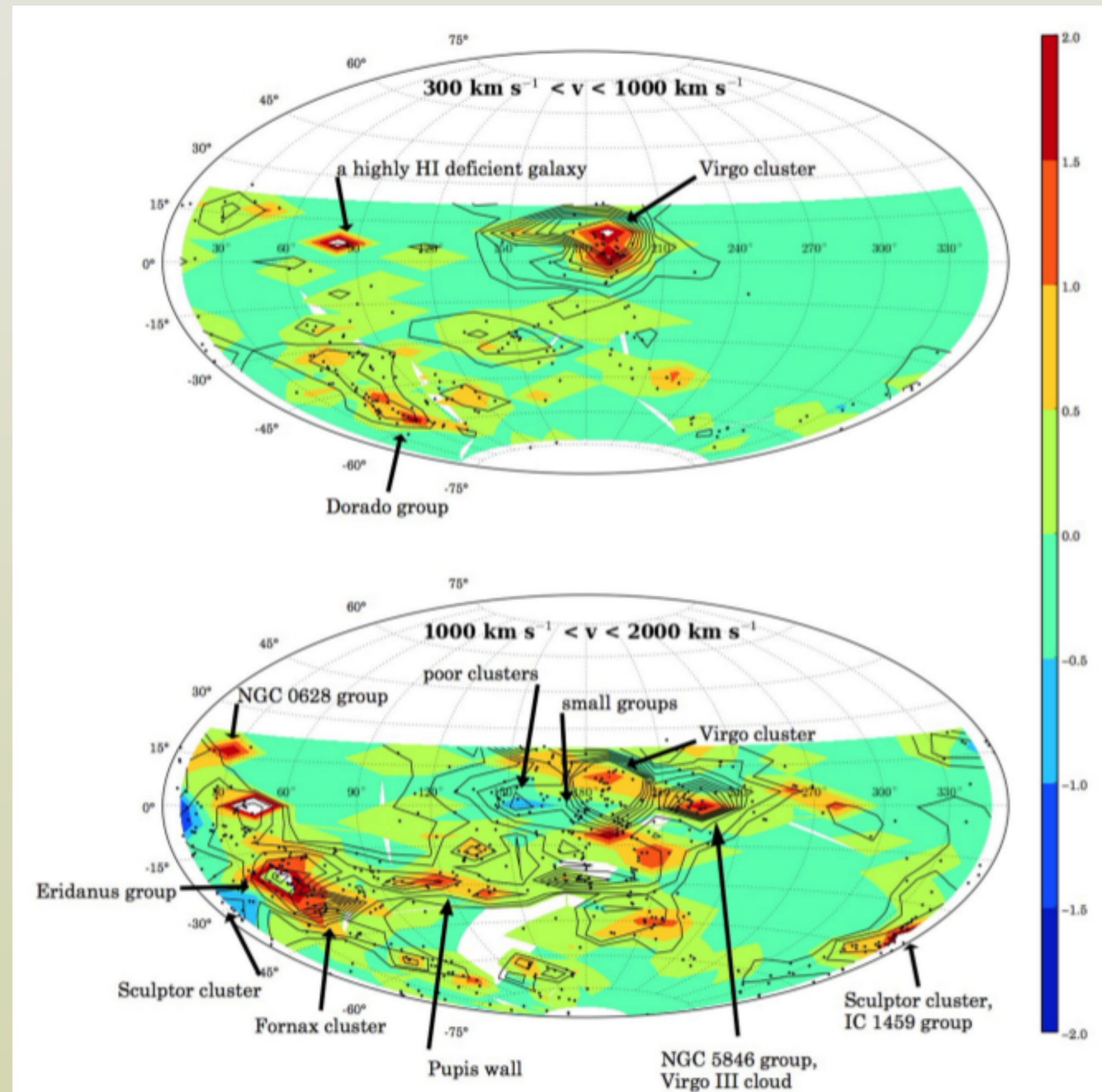
The HI to optical ratio of Disk sizes

P. Kamphuis

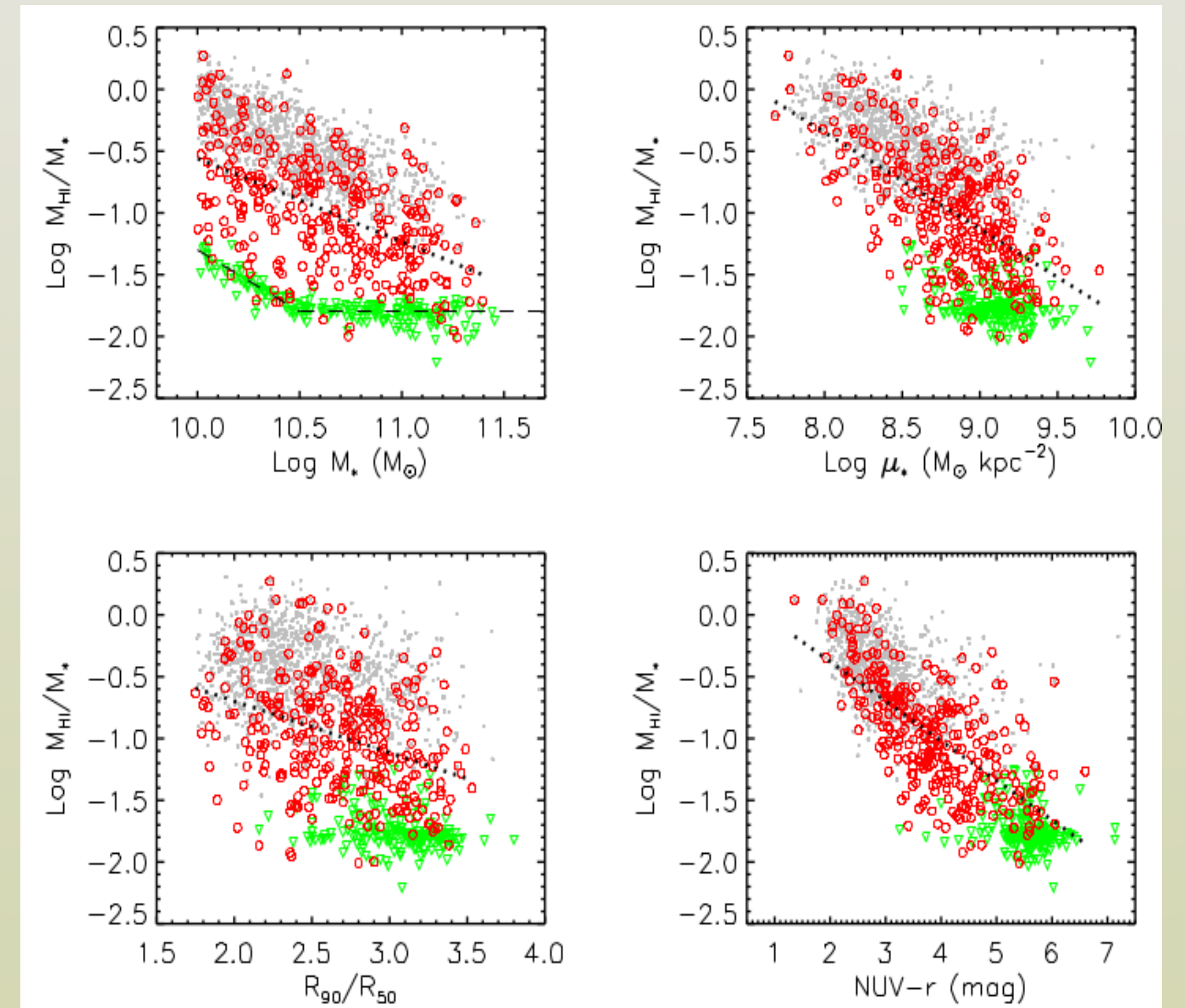
Astronomisches Institut Ruhr Universität Bochum

Introduction

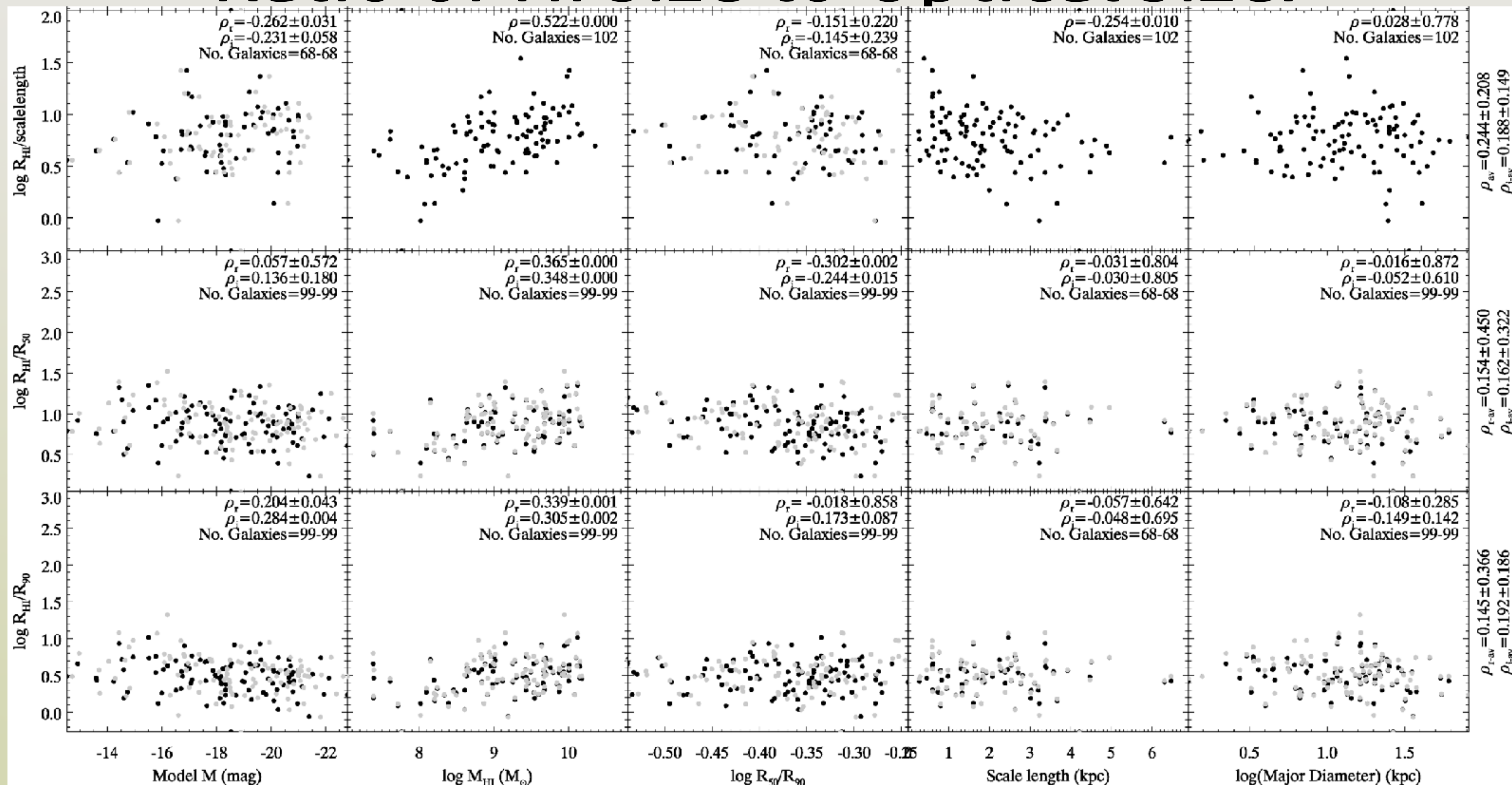
Denes et al. 2014



Catinella et al. 2012

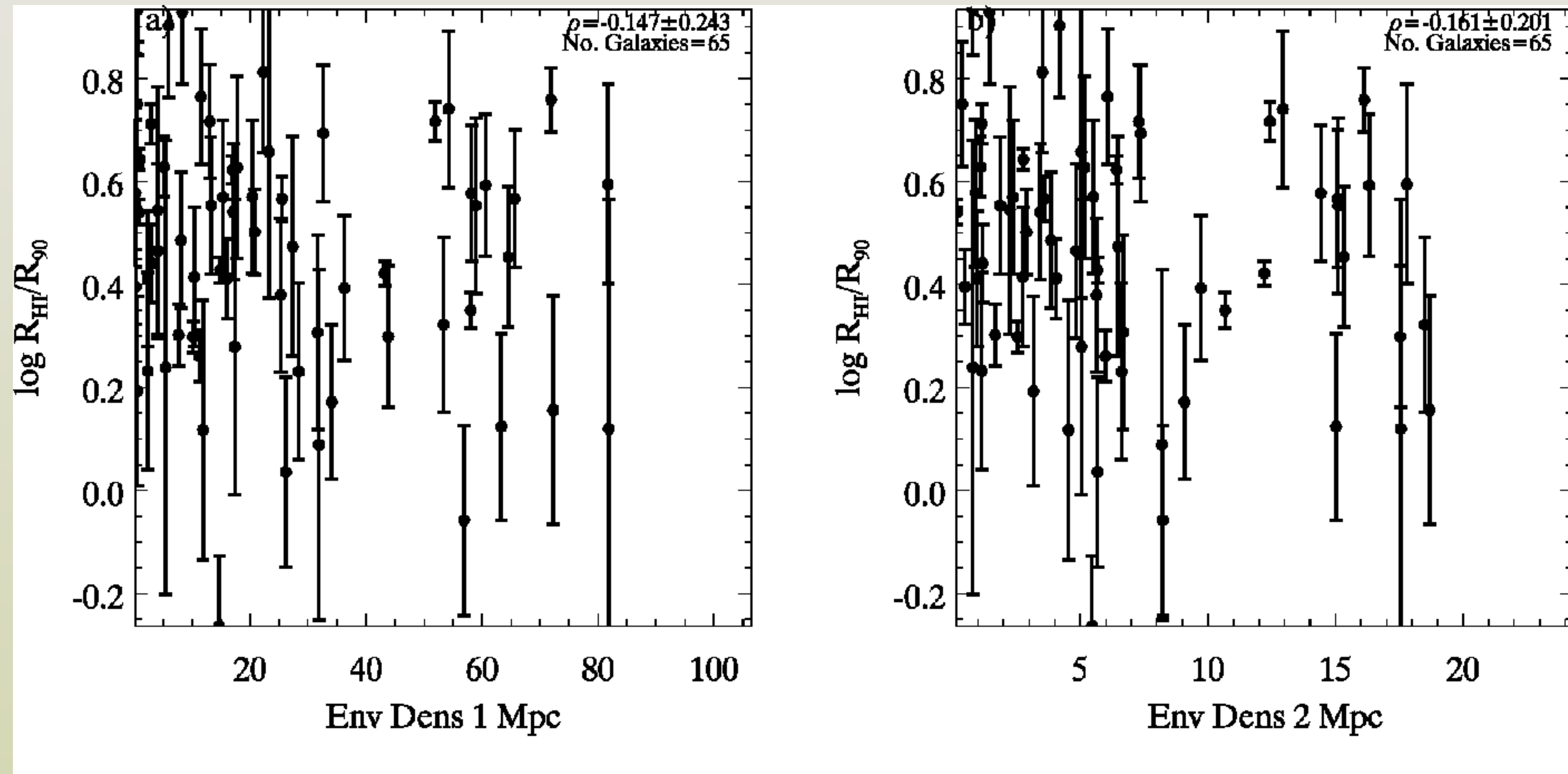


Ratio of HI size to Optical size.



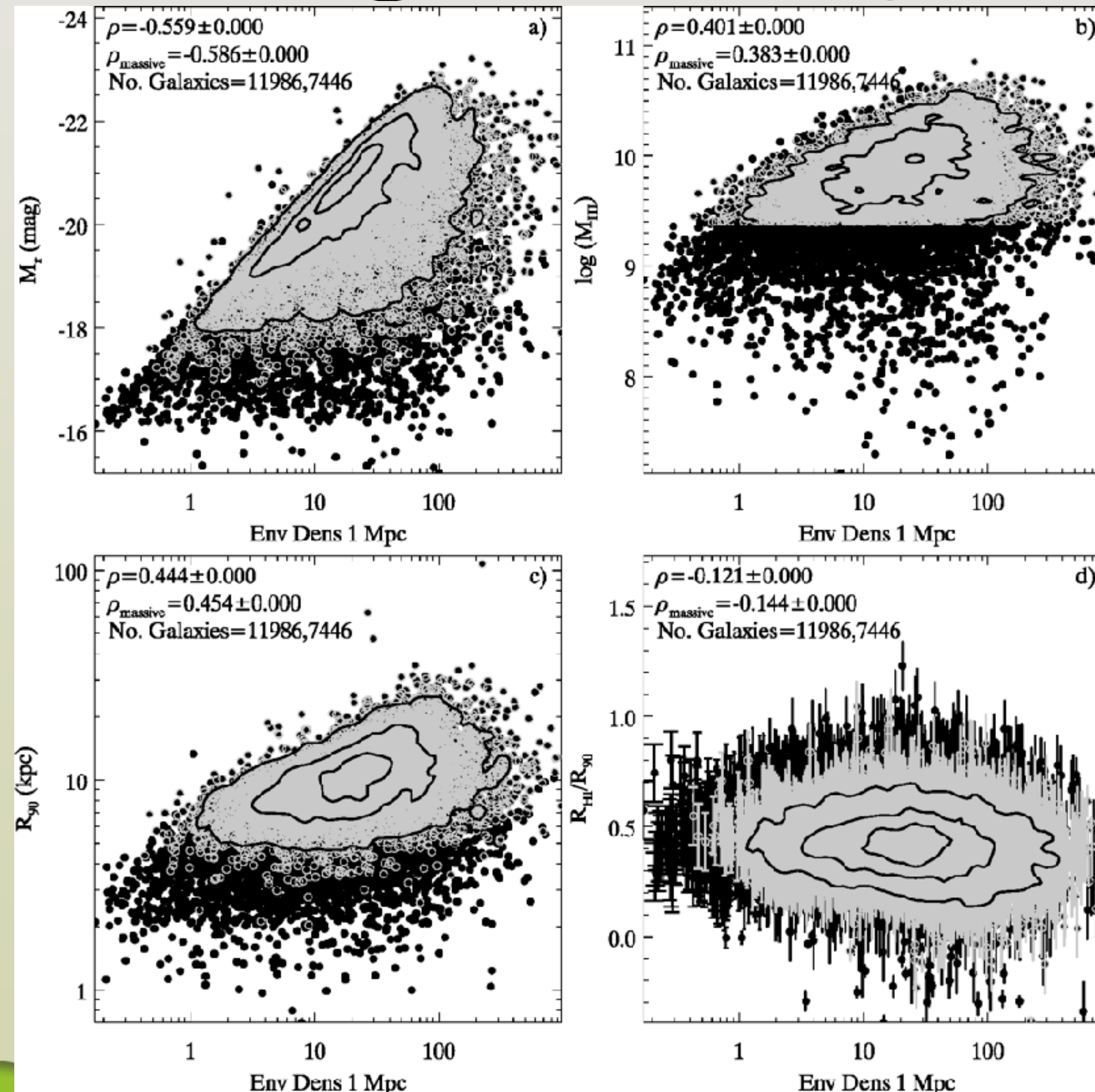
WHISP+SDSS+NED

Sample too small



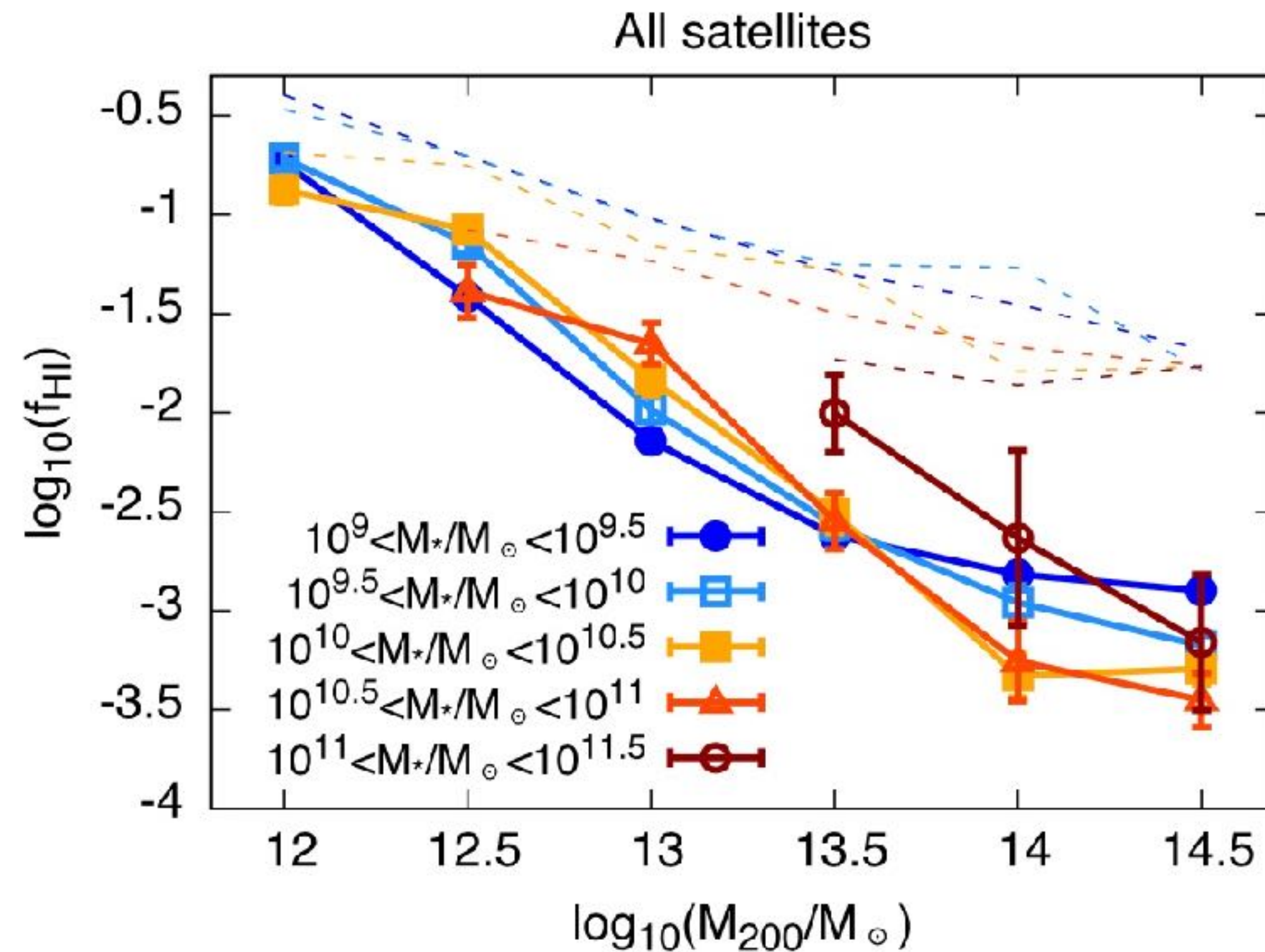
Environmental Density from Tempel et al. 2014

A larger sample



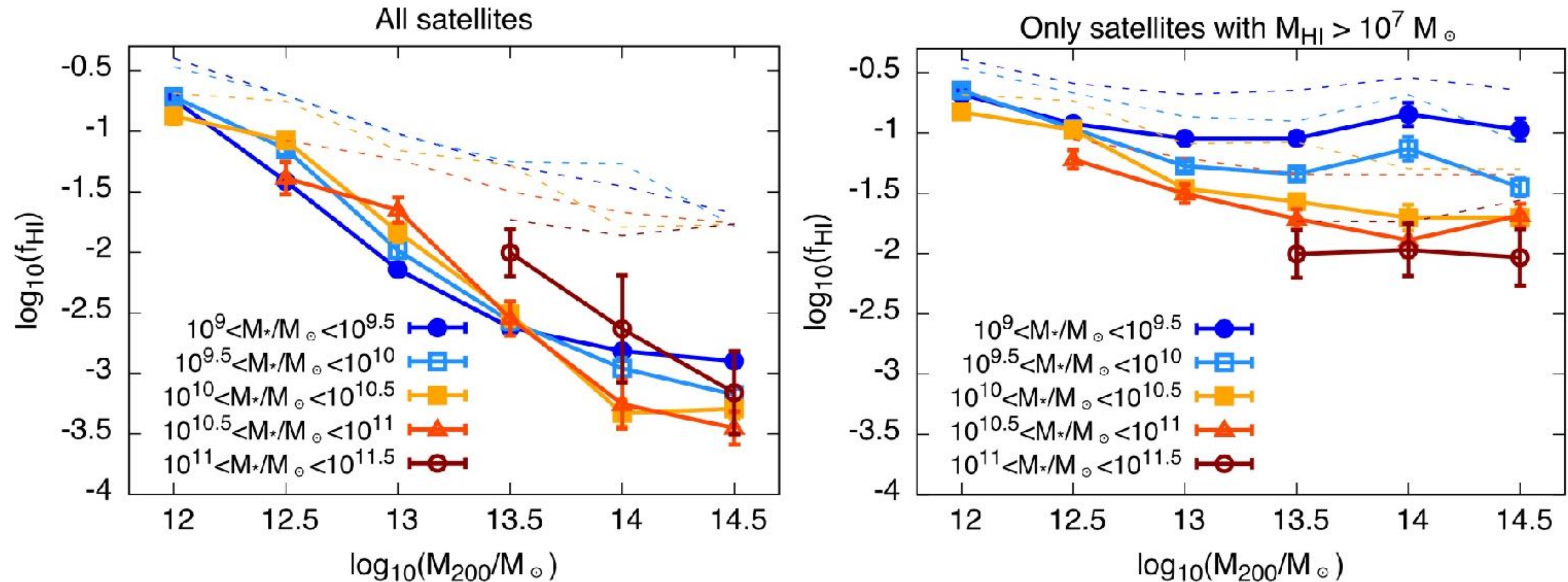
ALFALFA 100
(Jones et al. 2018)
+SDSS DR 14
+HI Mass-Size
(Broeils & Rhee 1997
Wang et al. 2016)

What Do We Expect?



Marasco et al. 2016

What Do We Expect?



Marasco et al. 2016