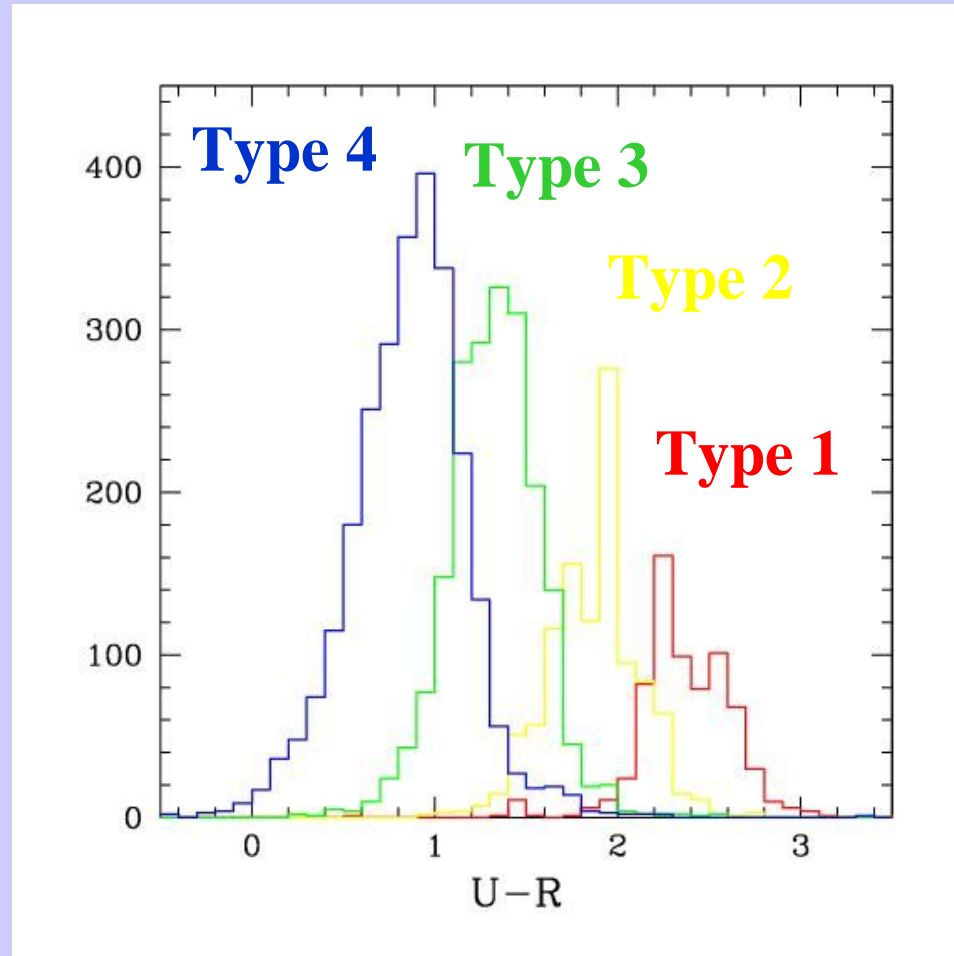


**Luminosity-Density and
Morphology-Density
relationships in the VVDS**

Color(Morphology)-Density

U-R

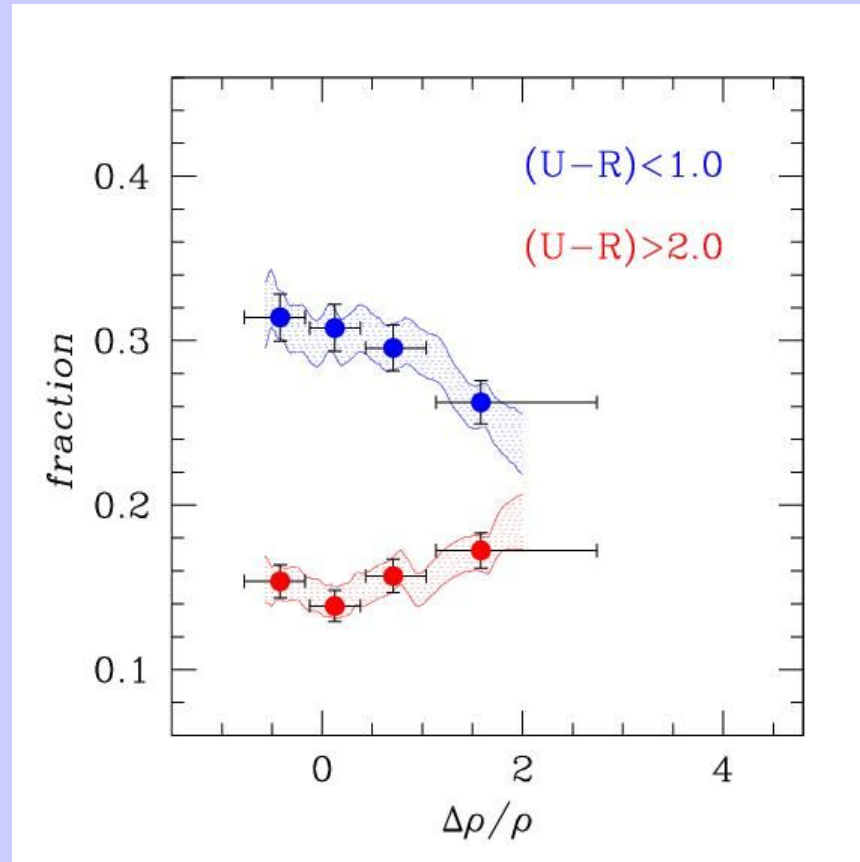


$0.1 < z < 1.4$

Color(Morphology)-Density

U-R

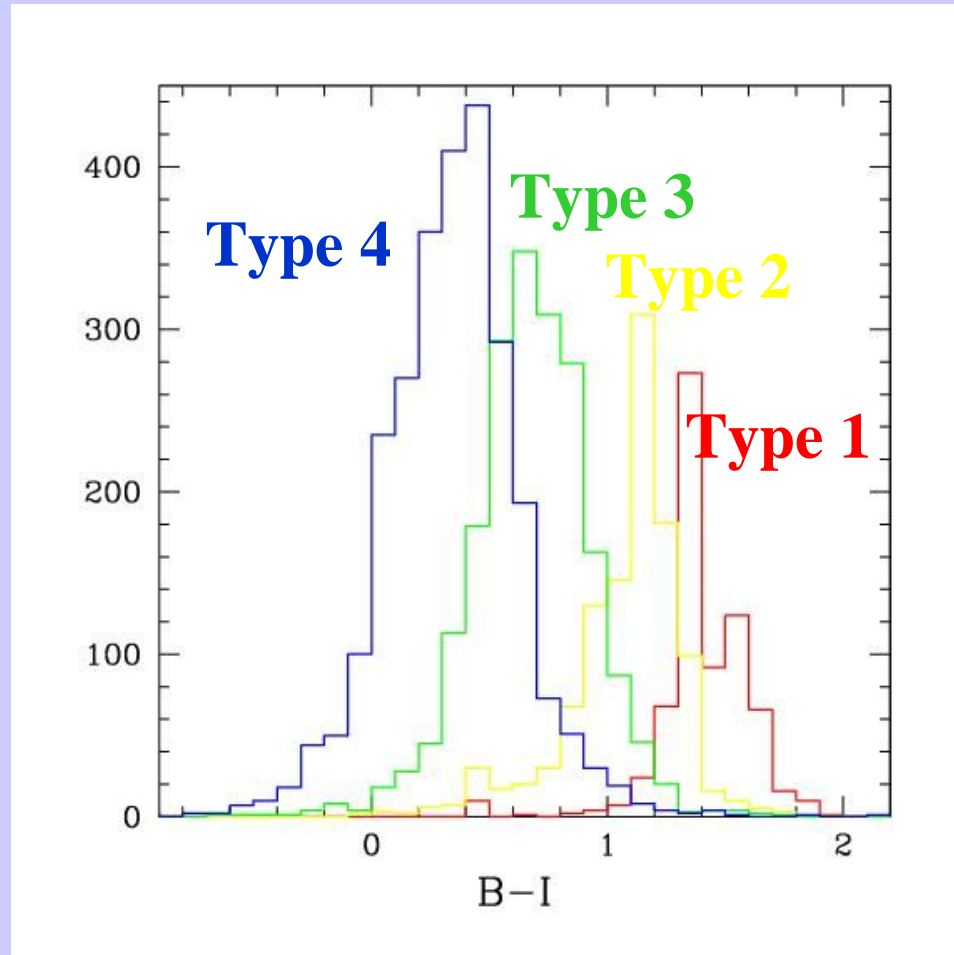
$N_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

Color(Morphology)-Density

B-I

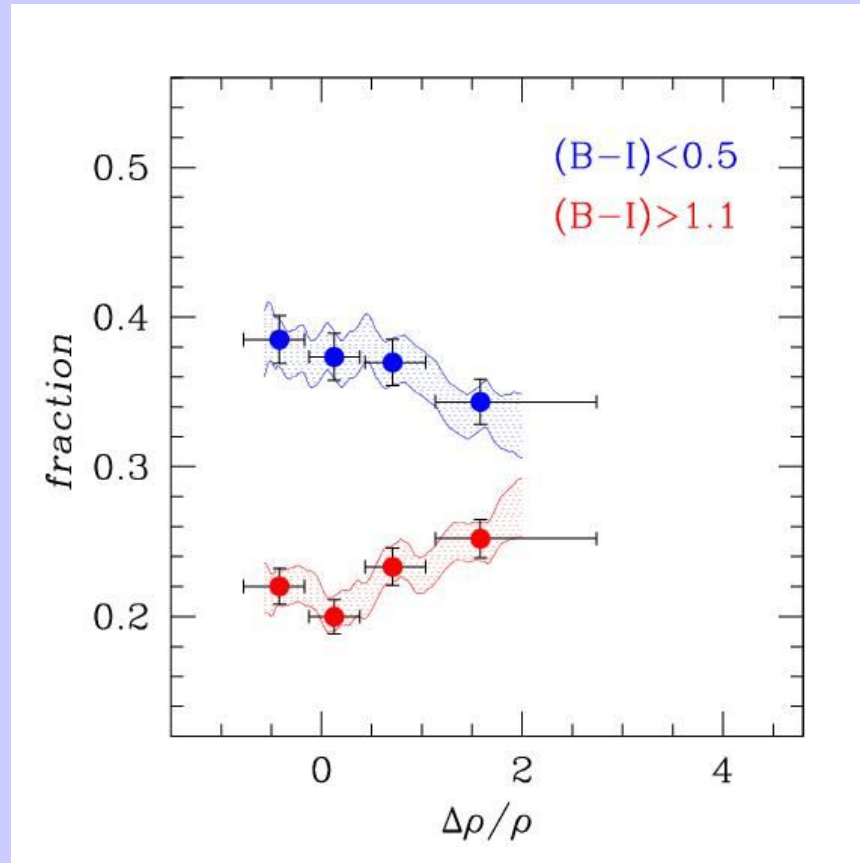


$0.1 < z < 1.4$

Color(Morphology)-Density

B-I

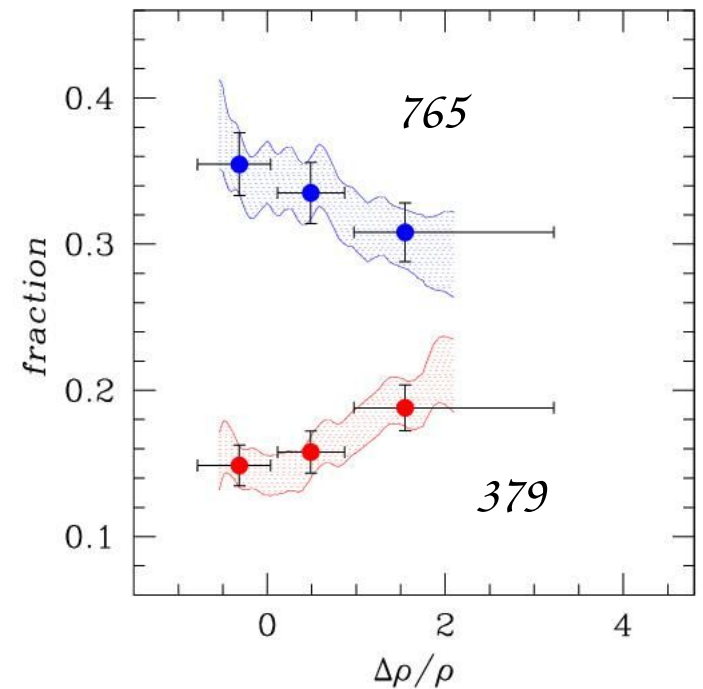
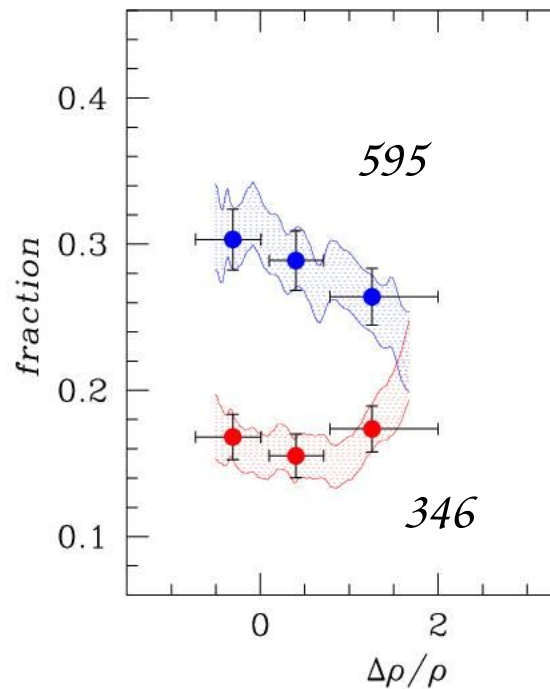
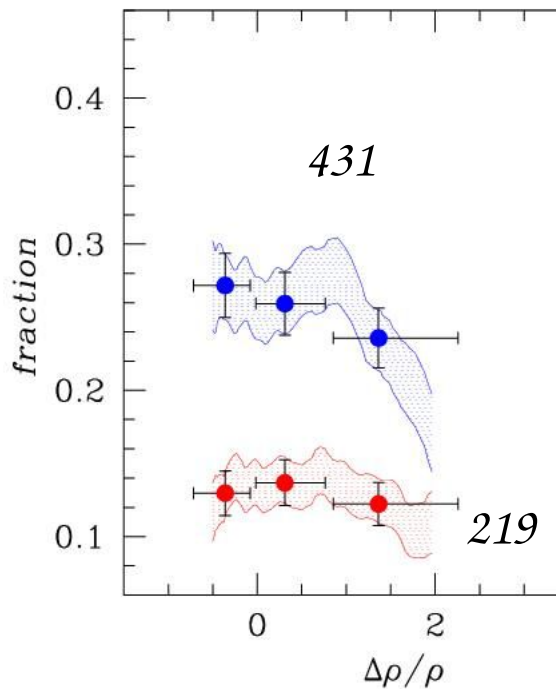
$N_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

Color(Morphology)-Density as a function of z

U-R



$0.1 < z < 0.55$

$\mathcal{N}_{\text{galtot}} = 1668$

$0.55 < z < 0.85$

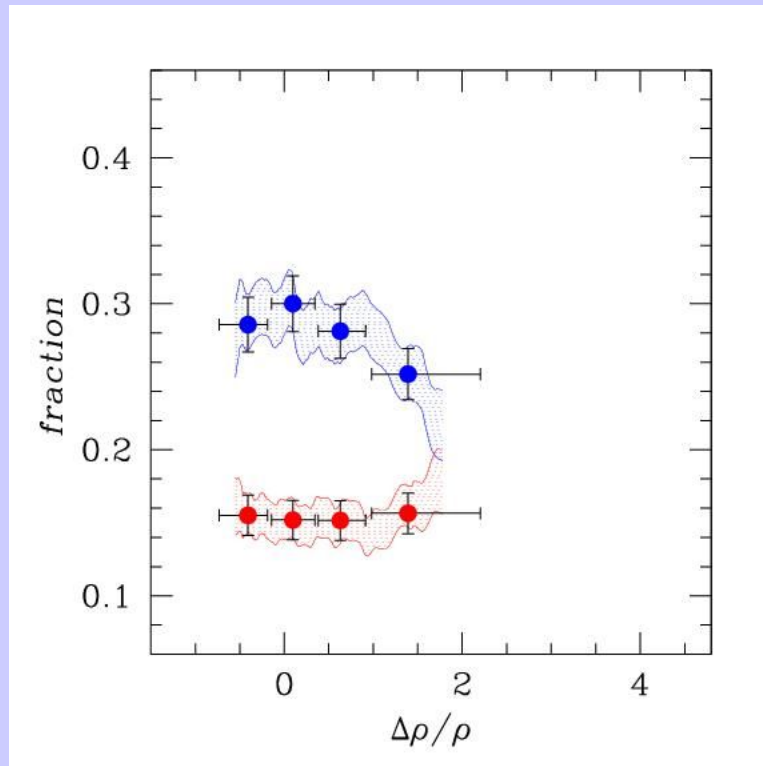
$\mathcal{N}_{\text{galtot}} = 2087$

$0.85 < z < 1.4$

$\mathcal{N}_{\text{galtot}} = 2298$

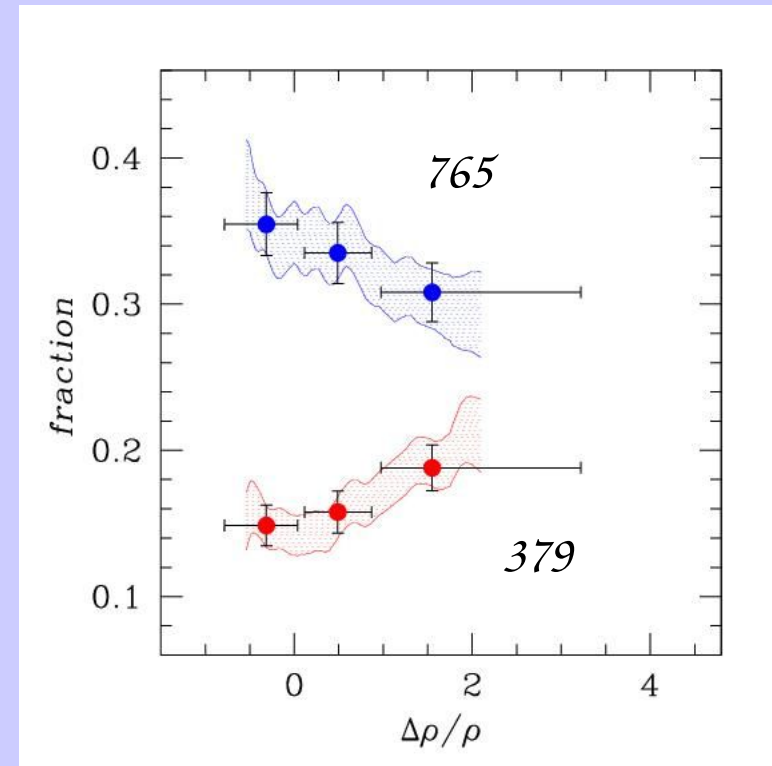
Color(Morphology)-Density as a function of z

U-R



$0.3 < z < 0.85$

$\mathcal{N}_{galtot} = 3266$

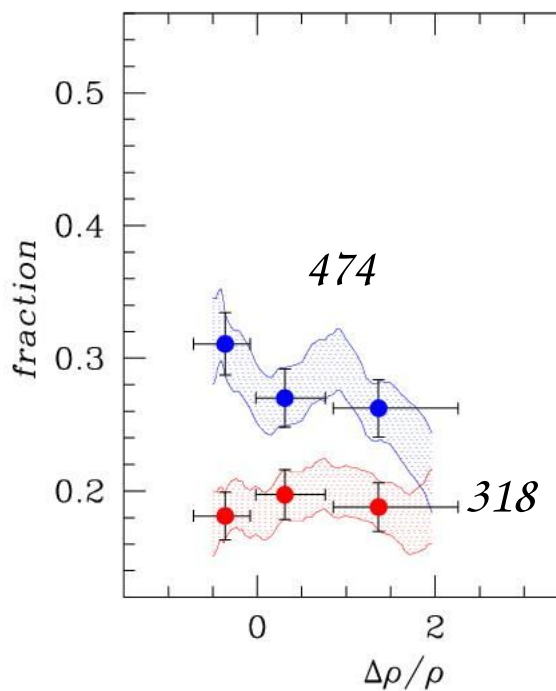


$0.85 < z < 1.4$

$\mathcal{N}_{galtot} = 2298$

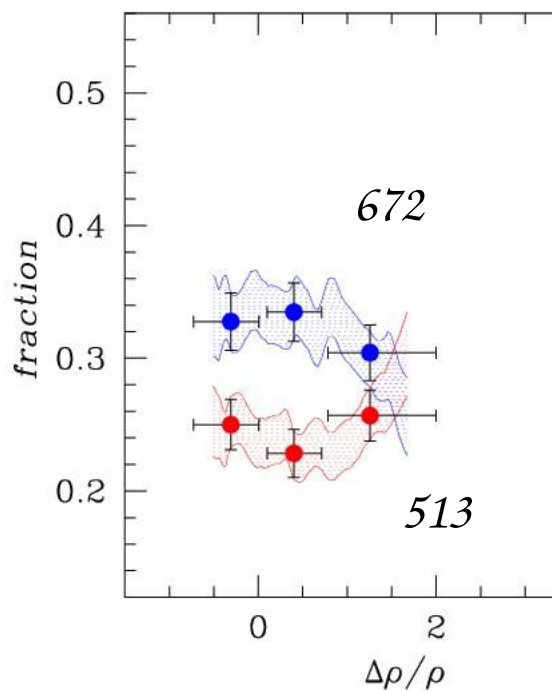
Color(Morphology)-Density as a function of z

B-I



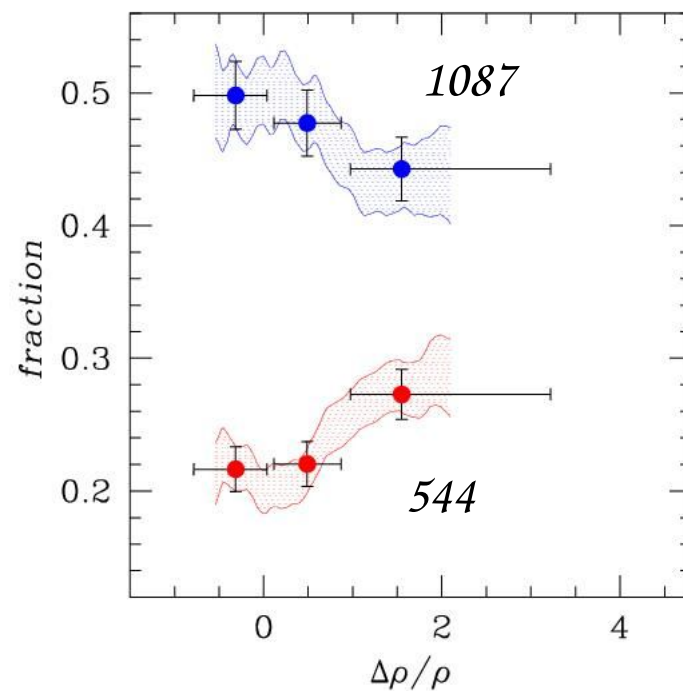
$0.1 < z < 0.55$

$\mathcal{N}_{\text{galtot}} = 1668$



$0.55 < z < 0.85$

$\mathcal{N}_{\text{galtot}} = 2087$

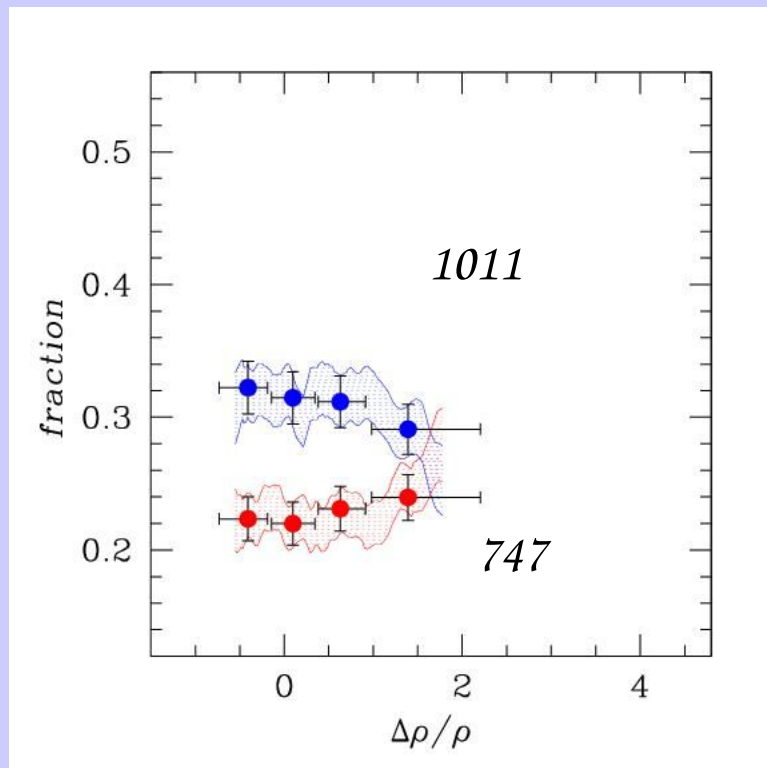


$0.85 < z < 1.4$

$\mathcal{N}_{\text{galtot}} = 2298$

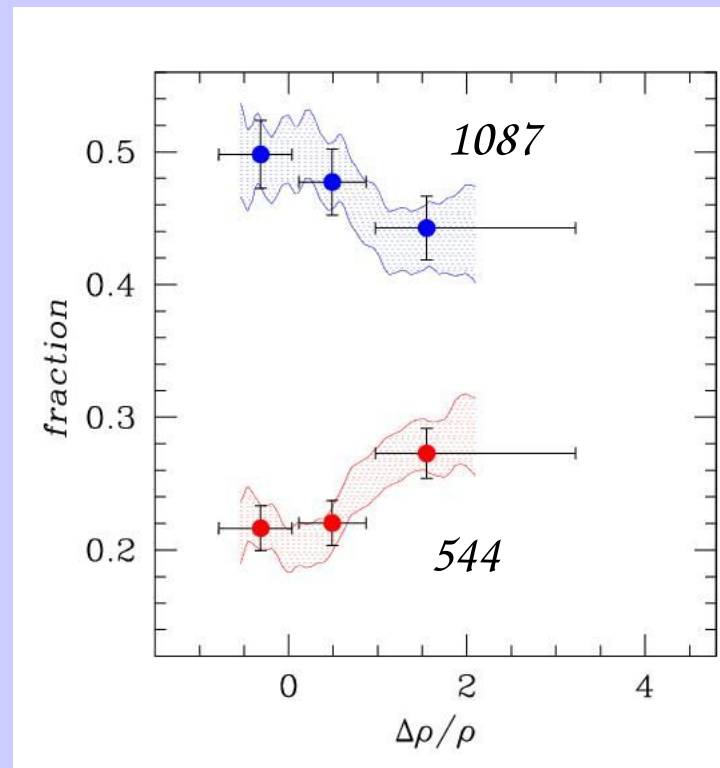
Color(Morphology)-Density as a function of z

B-I



$0.3 < z < 0.85$

$\mathcal{N}_{galtot} = 3266$

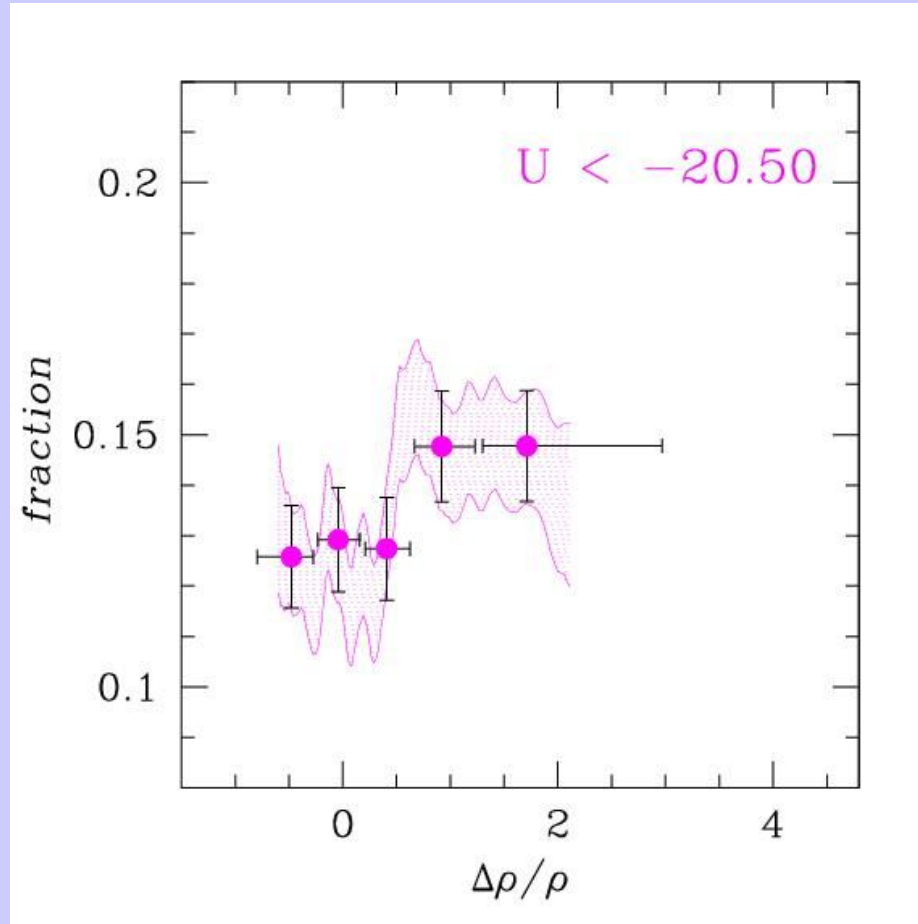


$0.85 < z < 1.4$

$\mathcal{N}_{galtot} = 2298$

U-band

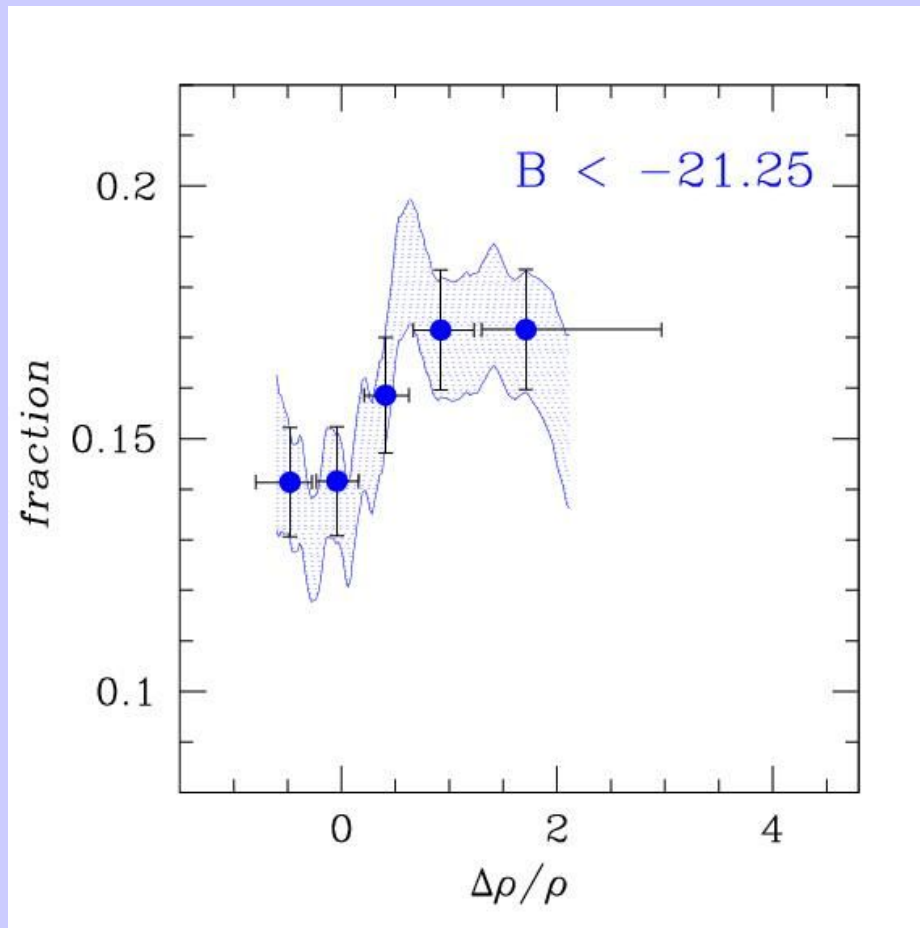
$N_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

B-band

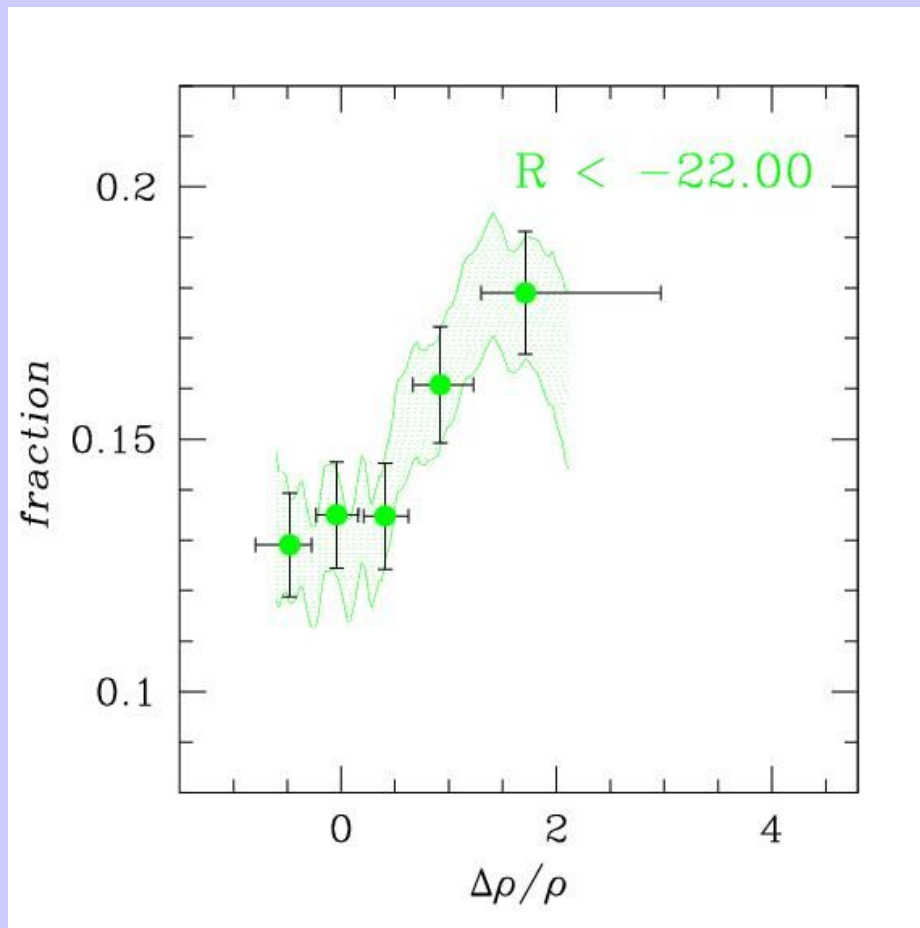
$\mathcal{N}_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

R-band

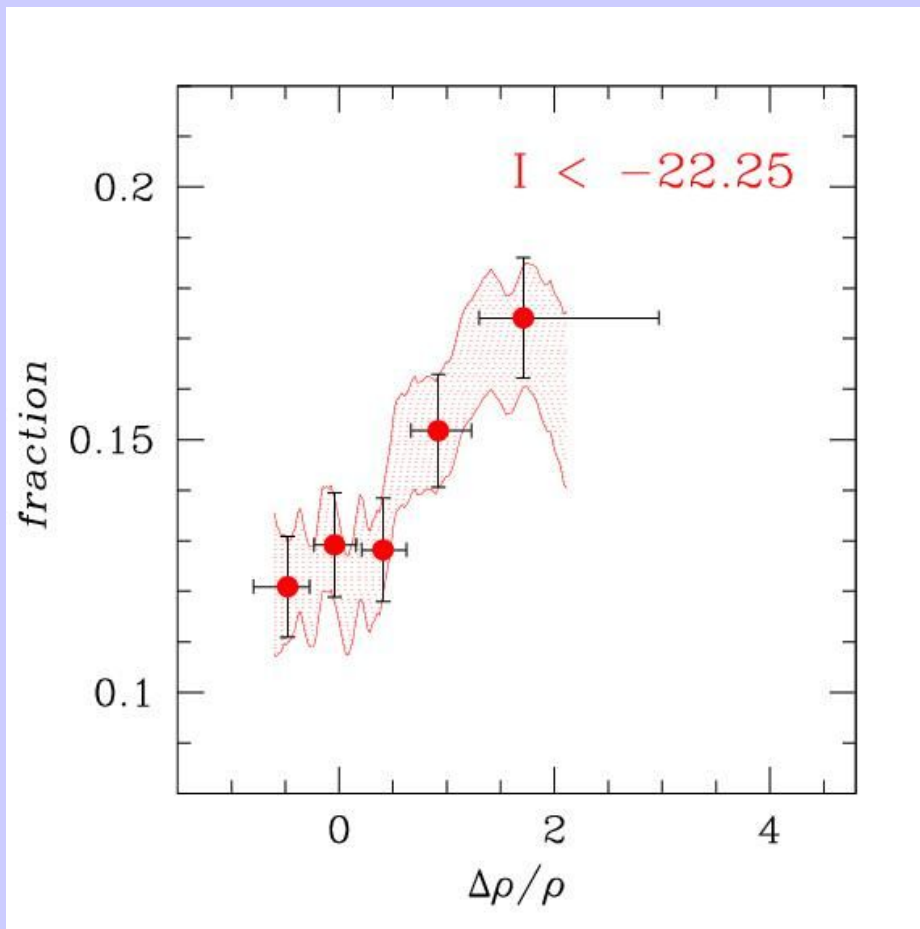
$\mathcal{N}_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

I-band

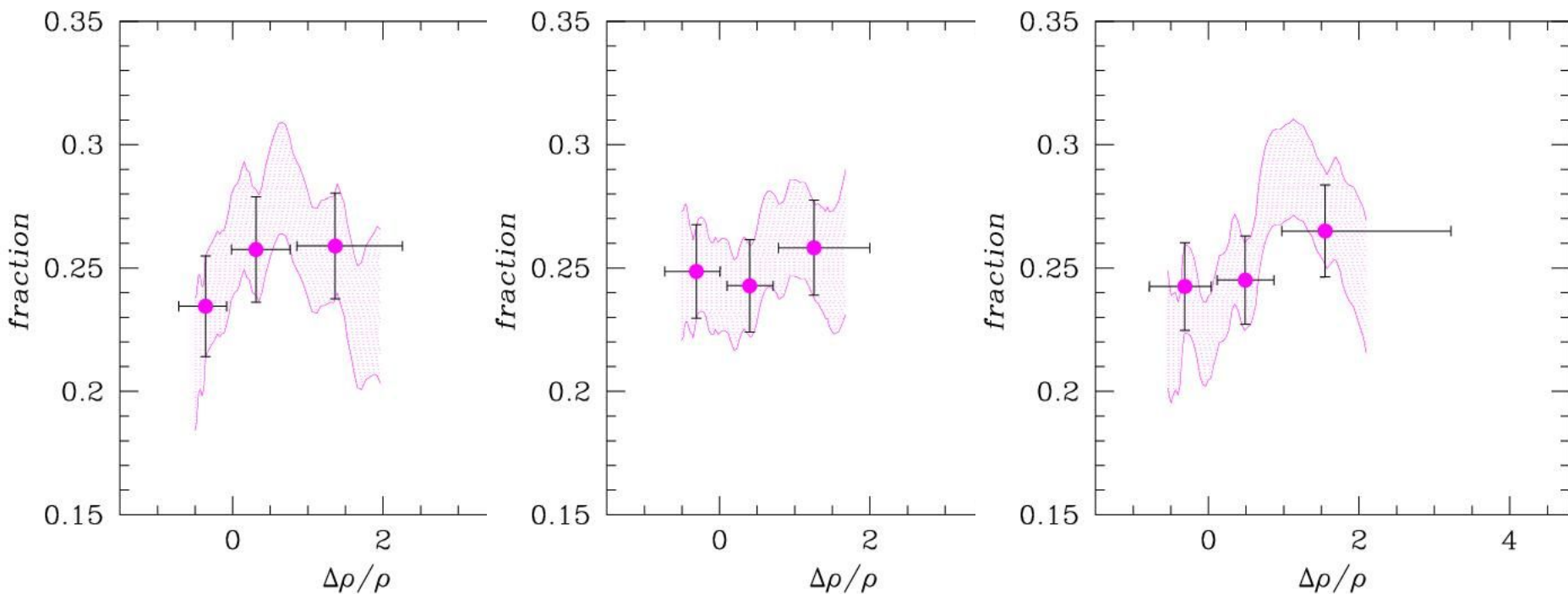
$N_{\text{galtot}} = 6073$



$0.1 < z < 1.4$

Luminosity-Density as a function of z

U-band



$0.1 < z < 0.55$

$0.55 < z < 0.85$

$0.85 < z < 1.4$

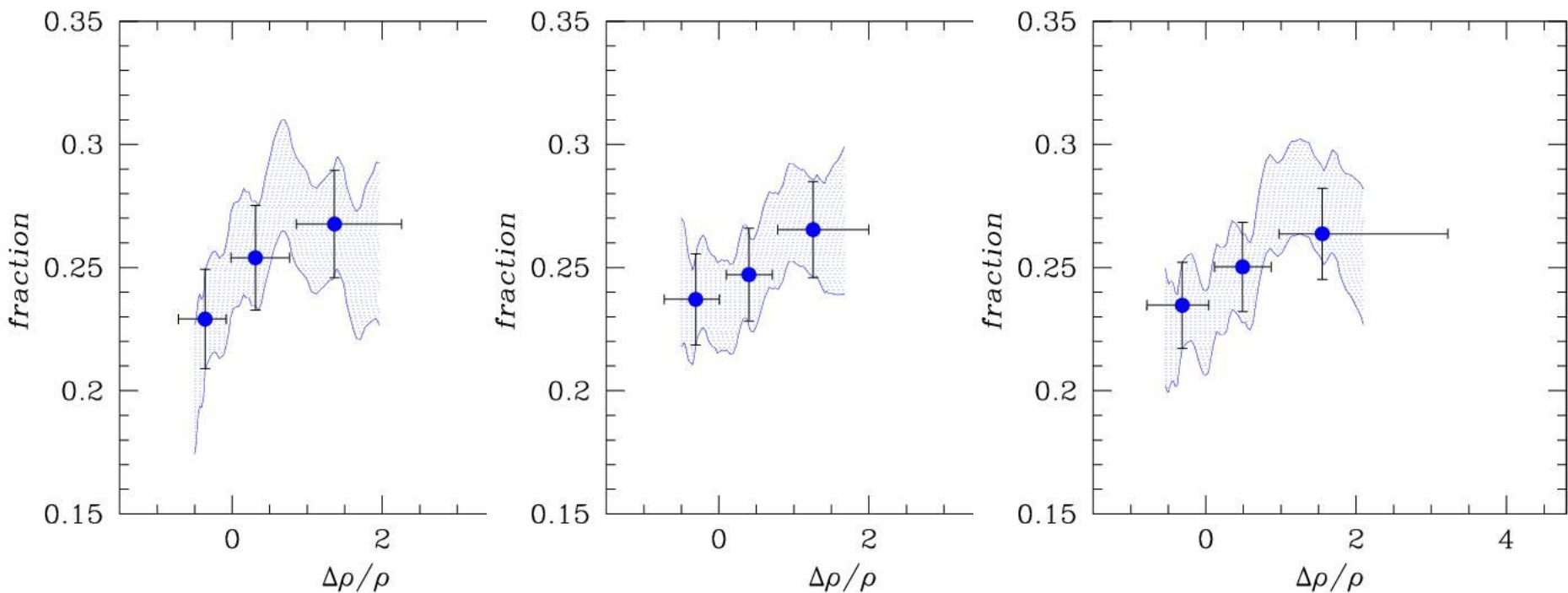
$\mathcal{N}_{\text{galtot}} = 1668$

$\mathcal{N}_{\text{galtot}} = 2087$

$\mathcal{N}_{\text{galtot}} = 2298$

*Luminosity-Density as a
function of z*

B-band



$0.1 < z < 0.55$

$0.55 < z < 0.85$

$0.85 < z < 1.4$

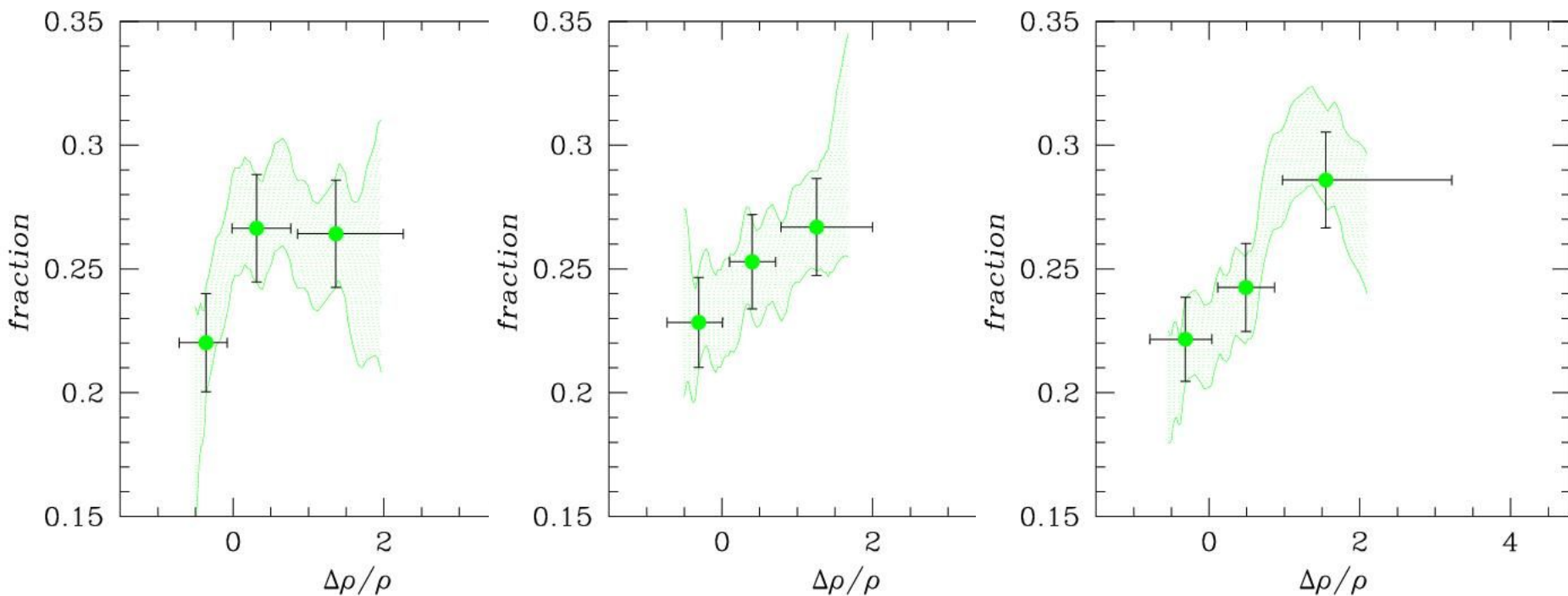
$\mathcal{N}_{\text{galtot}} = 1668$

$\mathcal{N}_{\text{galtot}} = 2087$

$\mathcal{N}_{\text{galtot}} = 2298$

Luminosity-Density as a function of z

R-band



$0.1 < z < 0.55$

$\mathcal{N}_{\text{galtot}} = 1668$

$0.55 < z < 0.85$

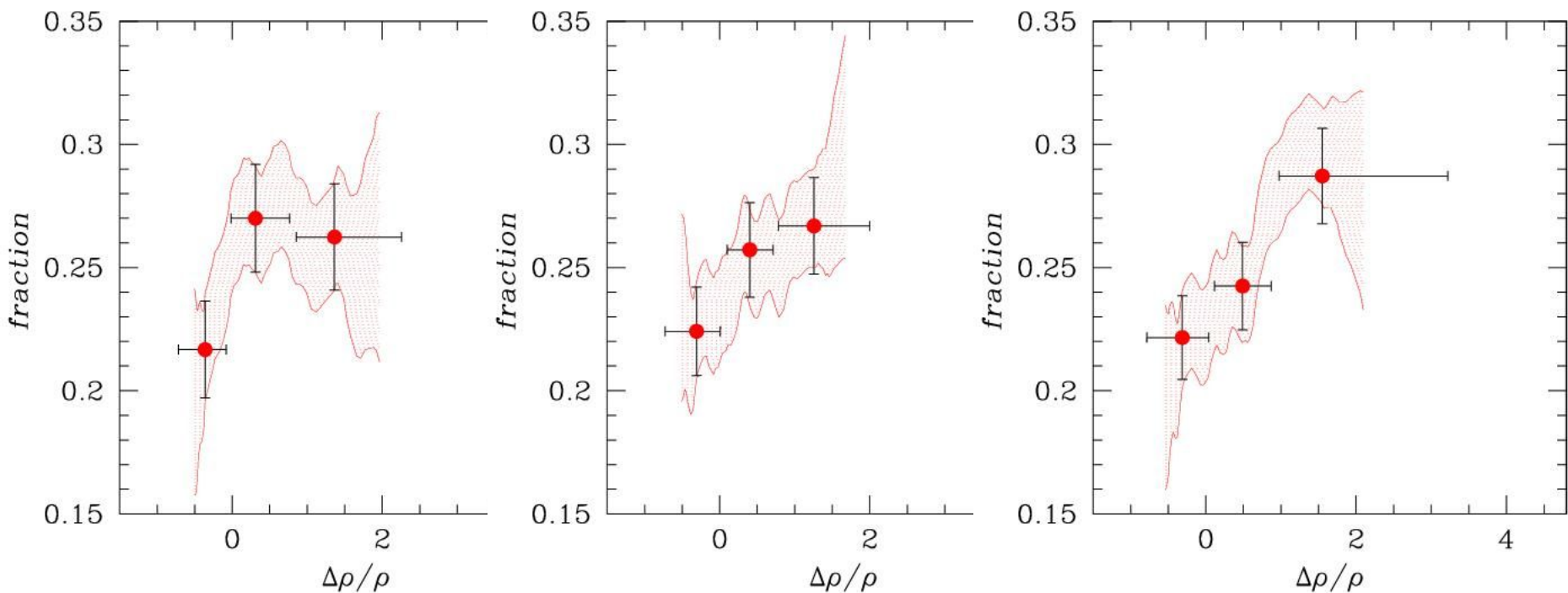
$\mathcal{N}_{\text{galtot}} = 2087$

$0.85 < z < 1.4$

$\mathcal{N}_{\text{galtot}} = 2298$

Luminosity-Density as a function of z

I-band



$0.1 < z < 0.55$

$\mathcal{N}_{\text{galtot}} = 1668$

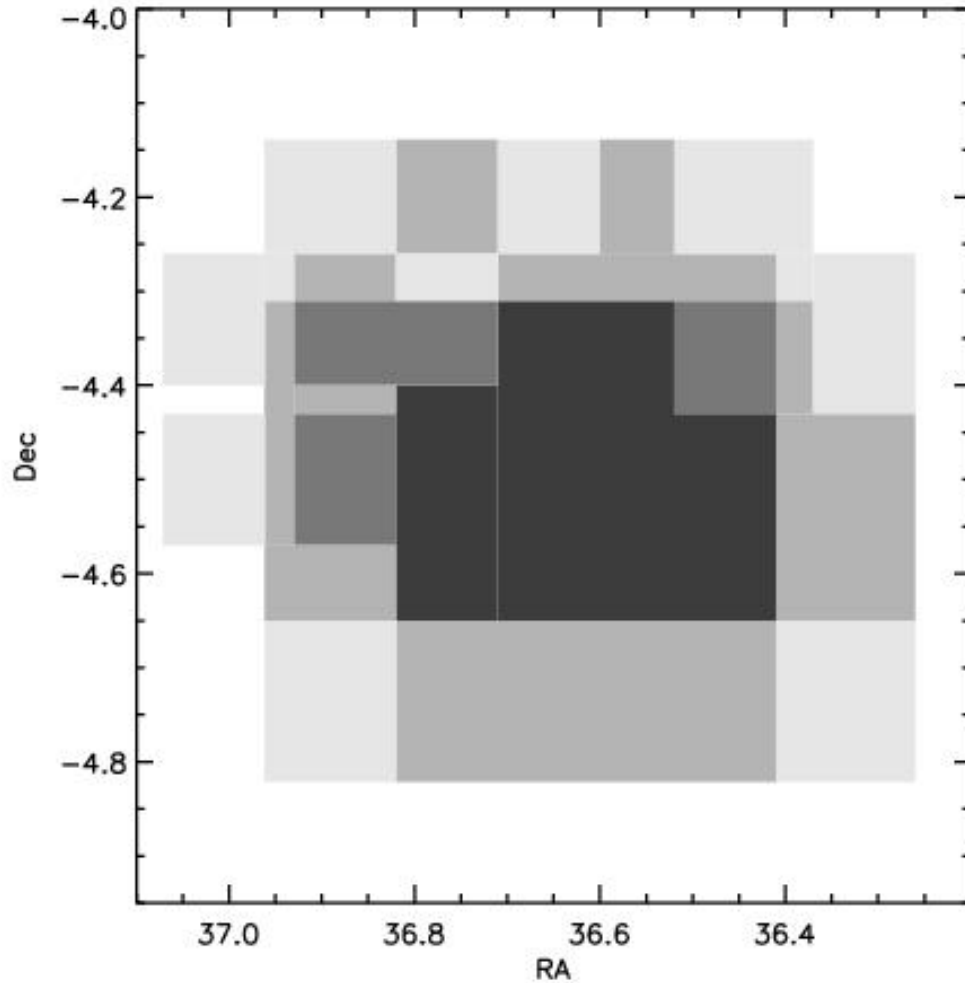
$0.55 < z < 0.85$

$\mathcal{N}_{\text{galtot}} = 2087$

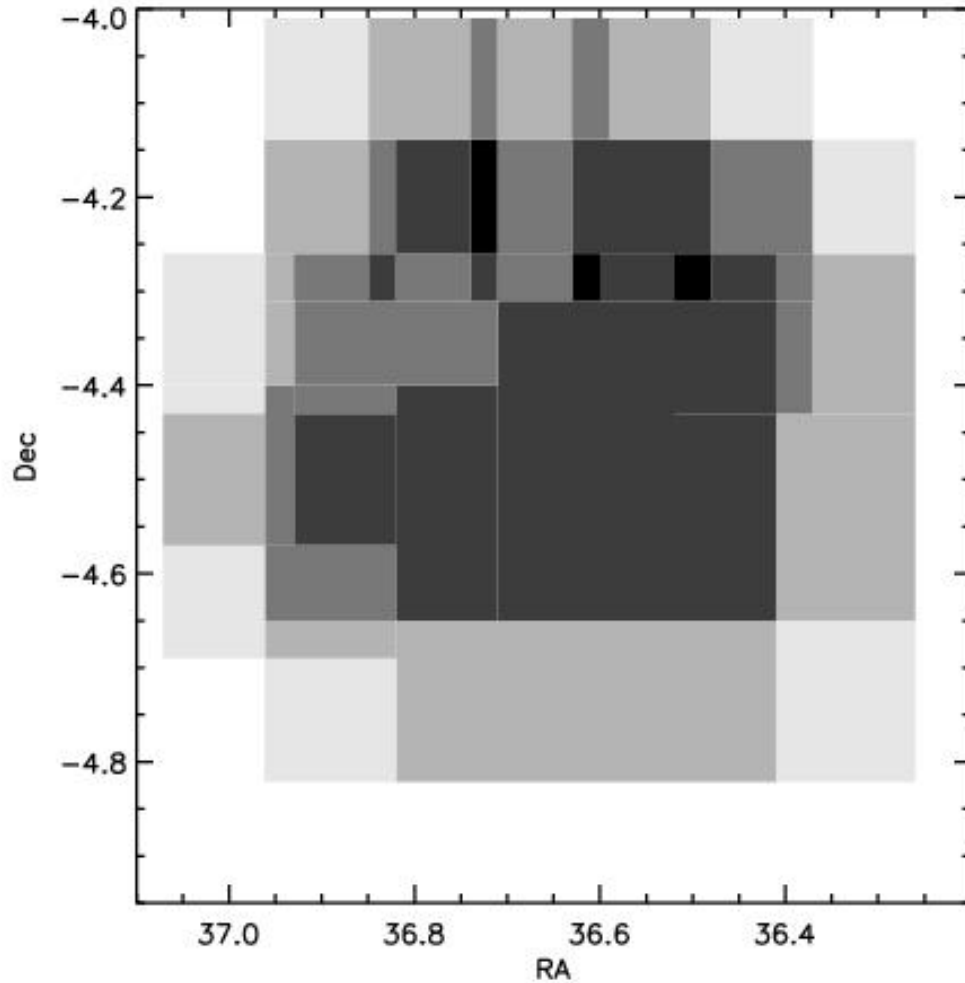
$0.85 < z < 1.4$

$\mathcal{N}_{\text{galtot}} = 2298$

02h coverage now



02h new coverage



P32

P49

P61

P62

P63

P64

