The best band in the universe!

Which galaxy property is the best indicator of environment?

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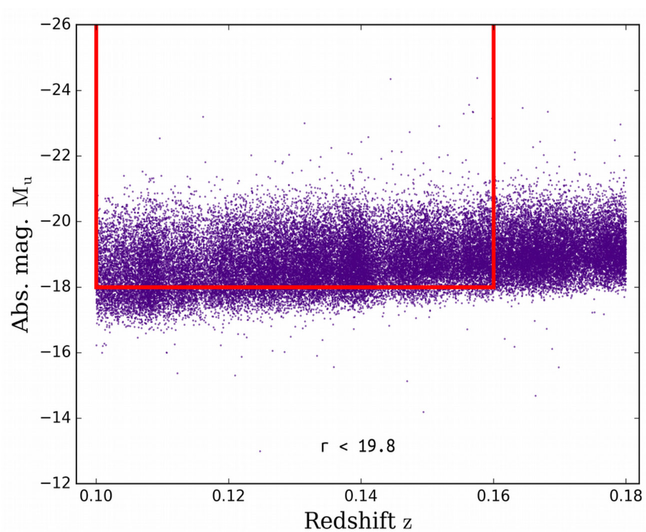
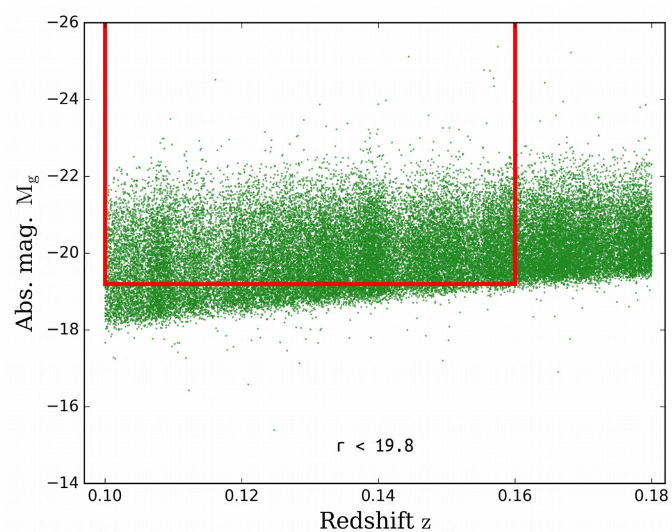
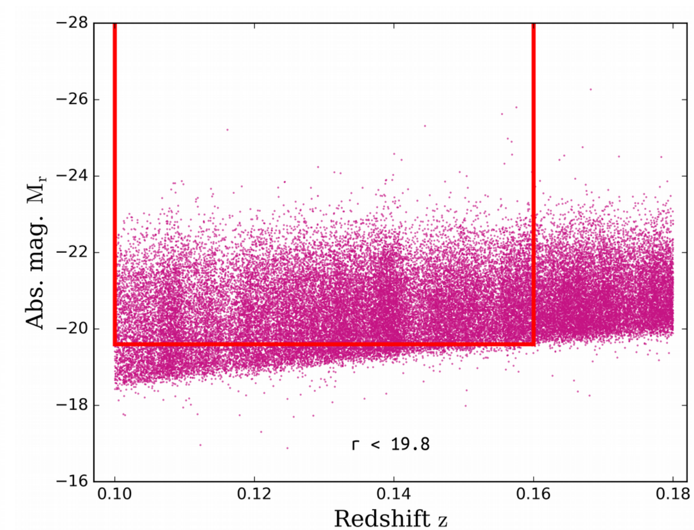
Marked correlation function

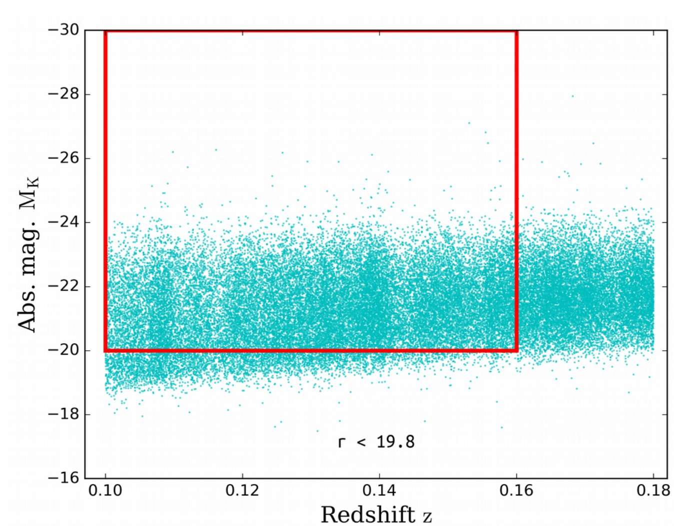
(Environmental dependence of galaxy properties)

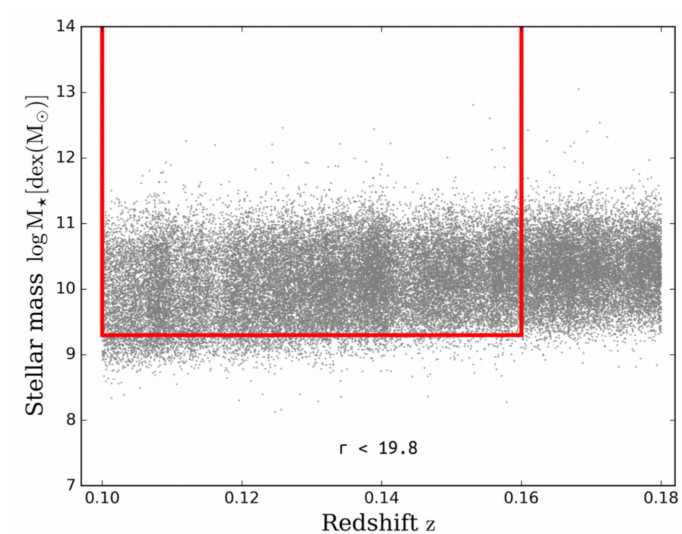
u-, g-, r-, K-band luminosities, stellar mass

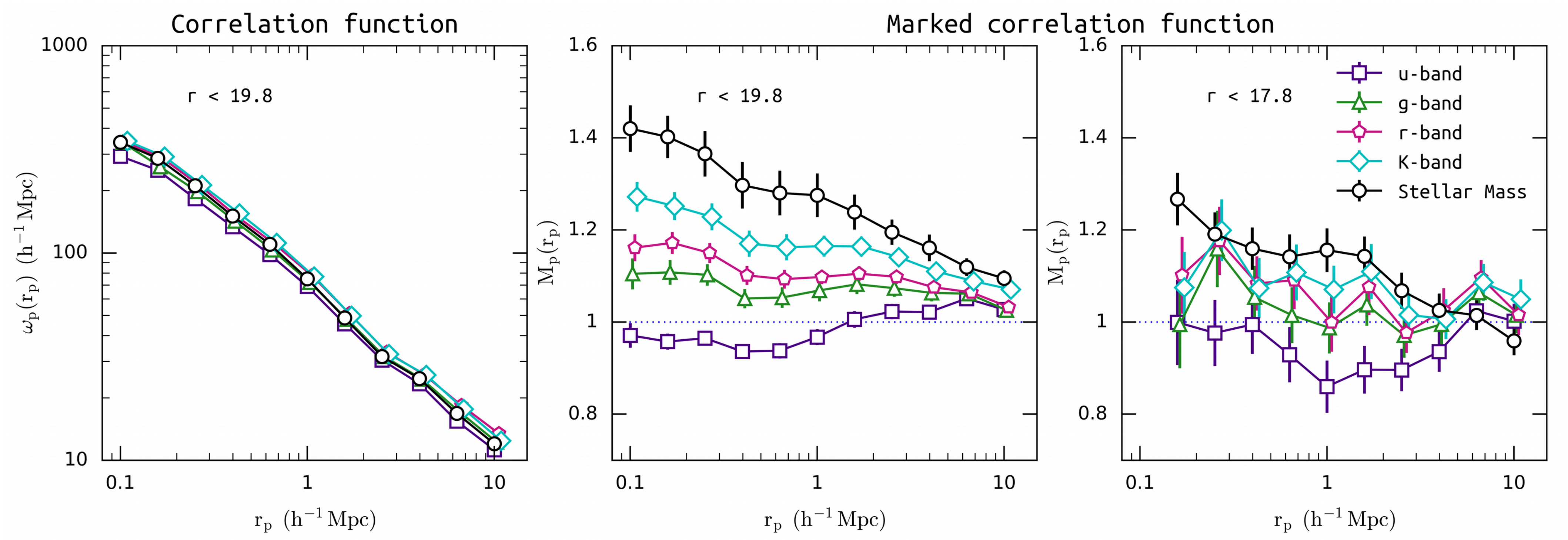












- Stellar mass is better correlated with environment than luminosity.
- Luminosity in K-band can be a better tracer of stellar mass than any other bands.
- Dependence on survey flux limit has to be further explored…

Thank You!

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