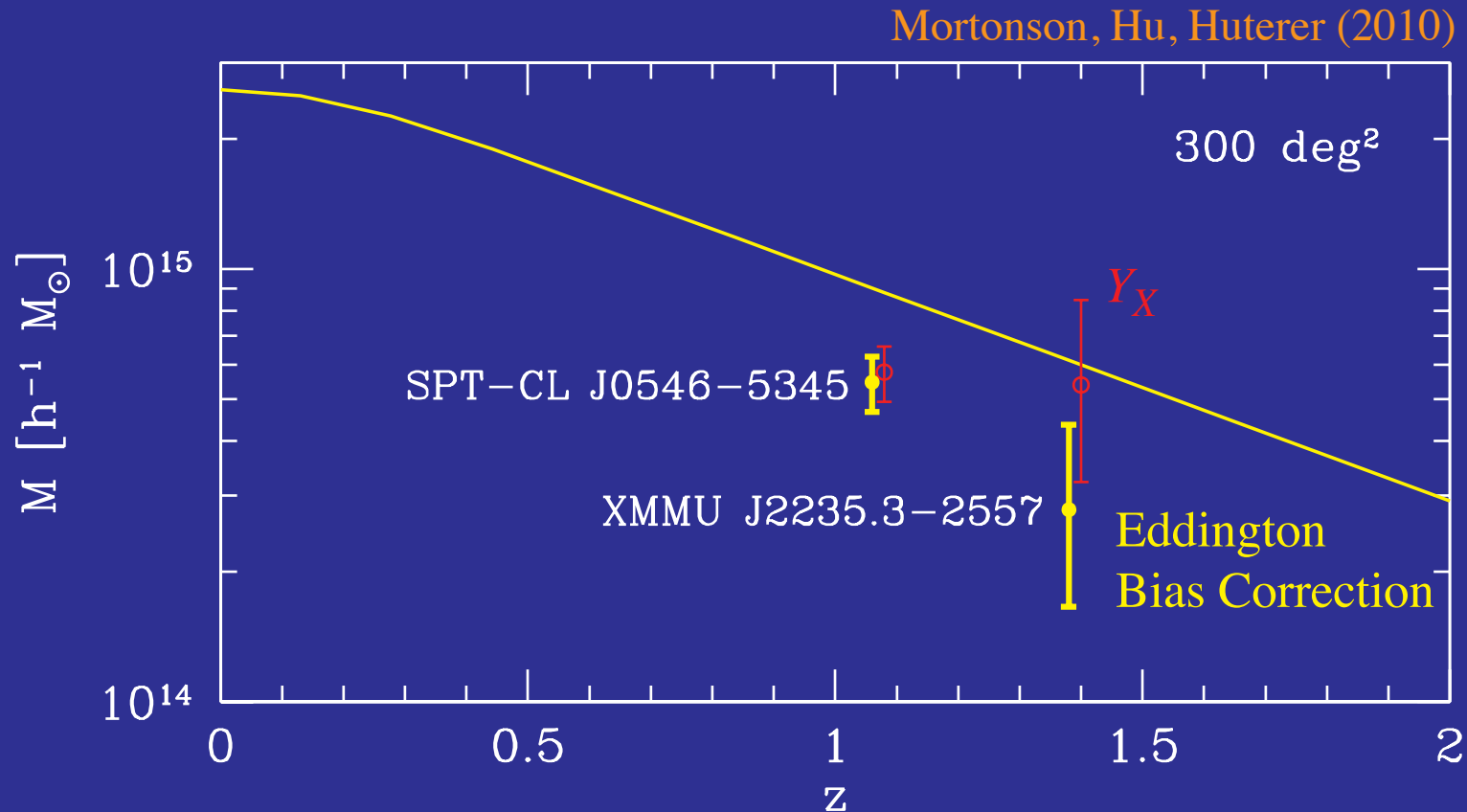


Λ CDM Falsified?

- 95% of Λ CDM parameter space predicts less than 1 cluster in 95% of samples of the survey area above the $M(z)$ curve
- Convenient fitting formulae for future elephants:
<http://background.uchicago.edu/abundance>



Number Bias

- For $>M_{\text{obs}}$, scatter and steep mass function gives excess over $>M$
- Equate the number $>M_{\text{obs}}$ to $>M_{\text{eff}}$
- Not the same as best estimate of true mass given model!

