

Insert clever, witty title here

Ian D. Roberts,[★] Laura C. Parker

Department of Physics and Astronomy, McMaster University, Hamilton ON L8S 4M1, Canada

Accepted XXX. Received YYY; in original form ZZZ

ABSTRACT

Key words: galaxies: clusters: general – galaxies: evolution – galaxies: groups: – galaxies: statistics

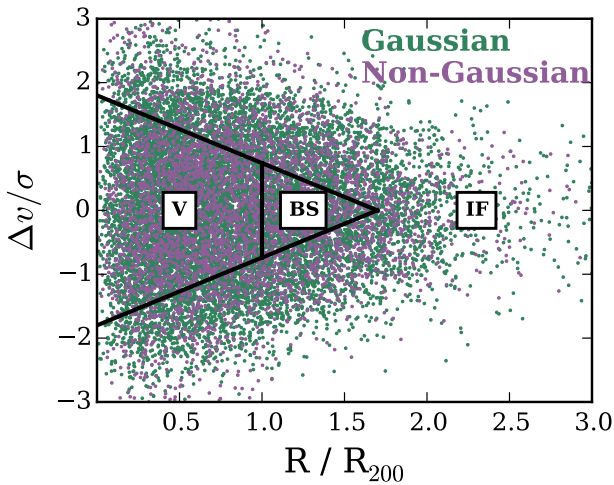


Figure 1.

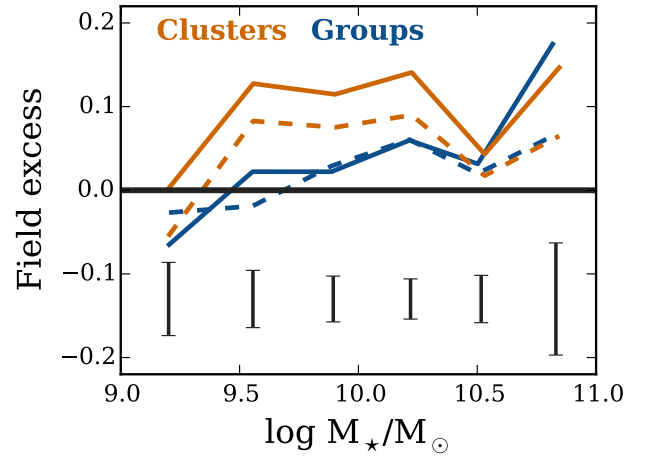


Figure 2.

1 INTRODUCTION

2 DATA

2.1 Yang group catalogue

2.2 Group dynamics

2.3 Matched data set

3 RESULTS

3.1 Infalling region

3.2 Virialized region

4 DISCUSSION

5 SUMMARY & CONCLUSIONS

ACKNOWLEDGMENTS

IDR thanks the Ontario Graduate Scholarship program for funding. LCP thanks the National Science and Engineer-

[★] E-mail: roberid@mcmaster.ca

ing Research Council of Canada for funding. The authors thank F. Evans for matching together the various SDSS catalogues used in this research. We thank X. Yang et al. for making their SDSS DR7 group catalogue publicly available, L. Simard et al. for the publication of their SDSS DR7 morphology catalogue, J. Brinchmann et al. for publication of their SDSS SFRs, and the NYU-VAGC team for the publication of their SDSS DR7 catalogue. This research would not have been possible without access to these public catalogues.

Funding for the SDSS has been provided by the Alfred P. Sloan Foundation, the Participating Institutions, the National Science Foundation, the U.S. Department of Energy, the National Aeronautics and Space Administration, the Japanese Monbukagakusho, the Max Planck Society, and the Higher Education Funding Council for England. The SDSS Web Site is <http://www.sdss.org/>.

The SDSS is managed by the Astrophysical Research Consortium for the Participating Institutions. The Participating Institutions are the American Museum of Natural History, Astrophysical Institute Potsdam, University of Basel, University of Cambridge, Case Western Reserve University, University of Chicago, Drexel University, Fermilab, the Institute for Advanced Study, the Japan Participation Group, Johns Hopkins University, the Joint Institute for Nuclear Astrophysics, the Kavli Institute for Particle Astrophysics and Cosmology, the Korean Scientist Group, the Chinese Academy of Sciences (LAMOST), Los Alamos National Laboratory, the Max-Planck-Institute for Astronomy (MPIA), the Max-Planck-Institute for Astrophysics (MPA), New Mexico State University, Ohio State University, University of Pittsburgh, University of Portsmouth, Princeton University, the United States Naval Observatory, and the University of Washington.

This paper has been typeset from a $\text{\TeX}/\text{\LaTeX}$ file prepared by the author.