

Fancy and Awesome Title

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ABSTRACT

Here is the abstract. Why should they read your paper. This could be longer.

Key words: Awesome keywords: Perfect

1 INTRODUCTION

Here you will present introduction with some equations, e.g., one from Dalal et al. (2008):

$$\Phi = \phi + f_{\text{NL}}(\phi^2 - \langle \phi^2 \rangle), \quad (1)$$

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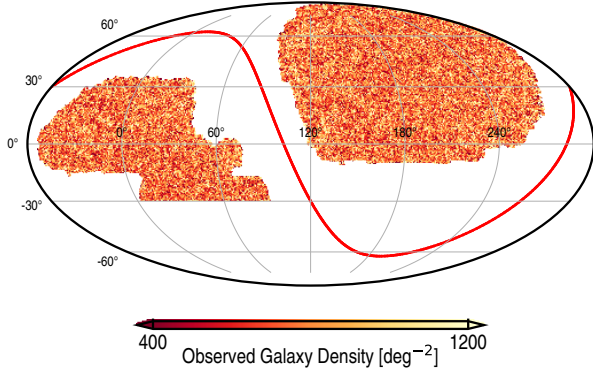


Figure 1. Observed density field of DESI Luminous Red Galaxies DR9 in deg^{-2}

Table 1. What about a table

Criterion	Description
DECaLS	
$z_{\text{fiber}} < 21.7$	faint limit
$z - W1 > 0.8 \times (r - z) - 0.6$	Stellar rejection
$[(g - r > 1.3)]$	Remove low- z galaxies
$[(r - W1 > (W1 - 17.26) * 1.8)]$	Luminosity cut
BASS+MzLS	
$z_{\text{fiber}} < 21.71$	faint limit
$z - W1 > 0.8 \times (r - z) - 0.6$	Stellar rejection
$[(g - r > 1.34)]$	Remove low- z galaxies
$[(r - W1 > (W1 - 17.24) * 1.83)]$	Luminosity cut

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You could also reference difference sections. In section §2, we present awesome text generated from the internet.

2 DATA

This section explains the data. You may already know you could cite figures, see, e.g., Fig. 1.

And this is a table for you!

3 ANALYSIS TECHNIQUES

Explain the method here.

4 RESULTS

This section presents the analyses for the characterization of systematic error.

5 CONCLUSION

Where you provide the take-home message.

ACKNOWLEDGEMENTS

Thank anonymous referee, sponsors, your colleagues.

DATA AVAILABILITY

Instruct how data used in this work can be accessed.

REFERENCES

Dalal N., Dore O., Huterer D., Shirokov A., 2008, Physical Review D, 77, 123514

APPENDIX A: EXTRA

You can put extra stuff here as appendix.

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