

XCAT Report

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April 6, 2013

Abstract

In progress ...

1 Introduction

XCAT is an open source code for data analysing of X-Ray observational data. It is developed in 2013 by Arya Farahi for ... project under guidance of August E. Evrard at University of Michigan - Ann Arbor.

2 Results

2.1 Final Plots

3 Parameters

The following parameters are used in this run,

Cosmological Parameters:

H₀ = 0.73
Omega_{DE} = 0.77
Omega_m = 0.23
Omega_b = 0.047

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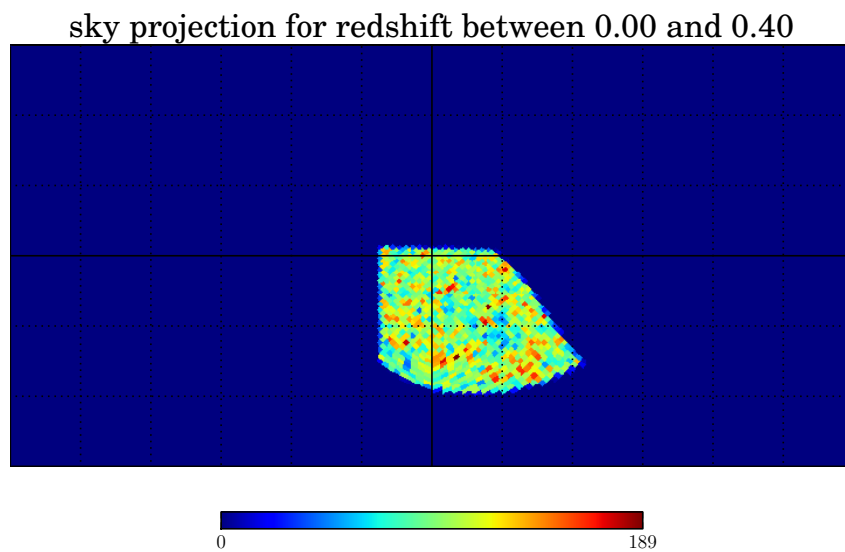


Figure 1: Sky projection of halos number with redshit between 0.0 and 0.399978256226.

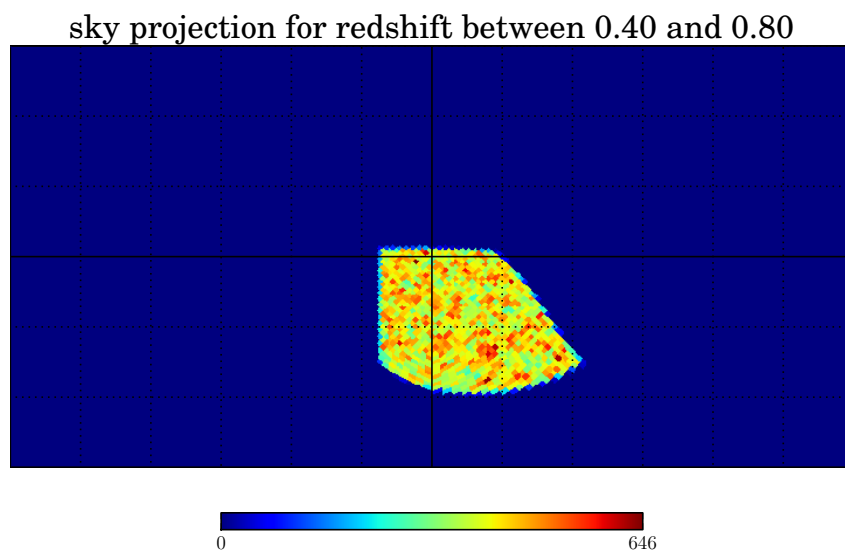


Figure 2: Sky projection of halos number with redshit between 0.399978256226 and 0.799956512451.

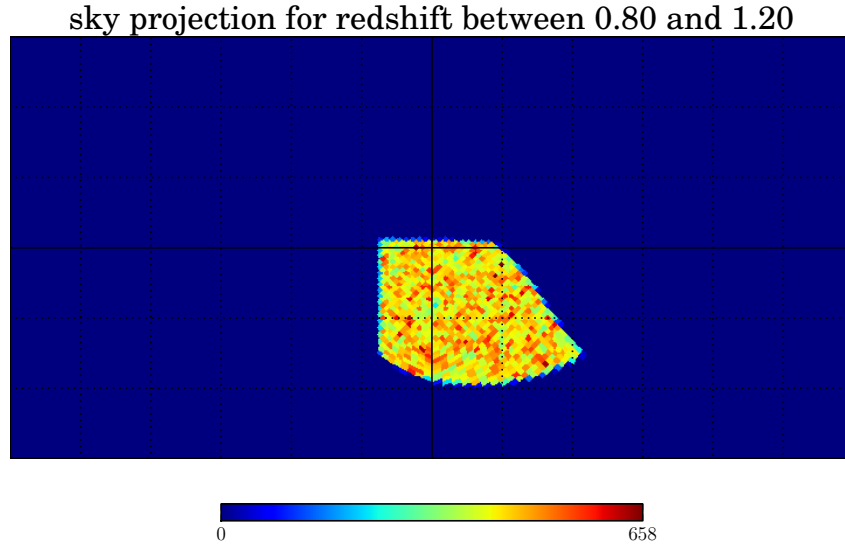


Figure 3: Sky projection of halos number with redshit between 0.799956512451 and 1.19993476868.

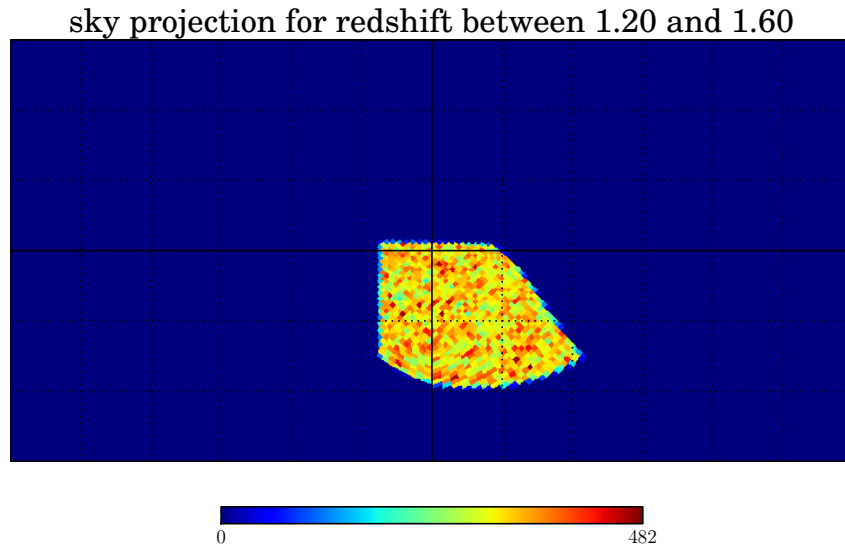


Figure 4: Sky projection of halos number with redshit between 1.19993476868 and 1.5999130249.

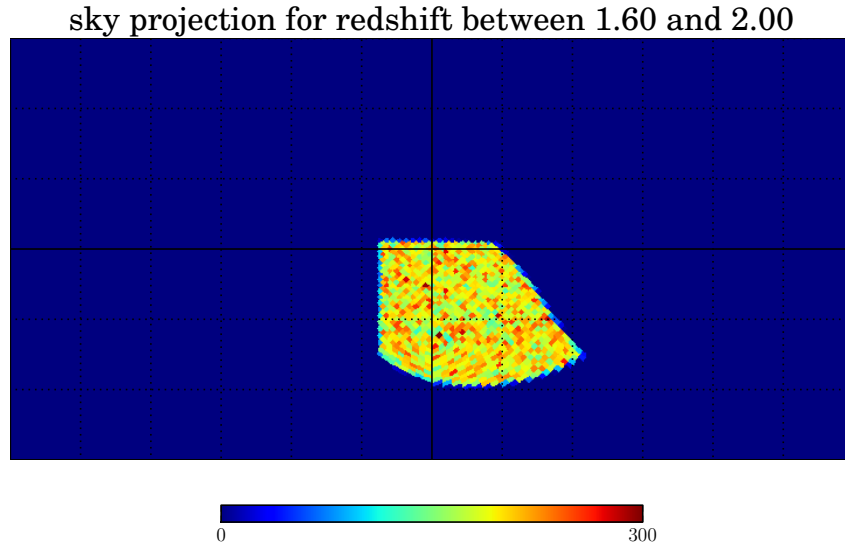


Figure 5: Sky projection of halos number with redshit between 1.5999130249 and 1.99989128113.

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Omega_r  = 0.0
Omega_k  = 0.0
w        = 0.83
sigma_8  = 0.83
ns       = 0.96

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ACKNOWLEDGMENTS

Arya Farahi wants to thank ...