Histogram of the Number of Satellite Galaxies at Different LRG Redshift Slices 2.0 z < 0.2 0.2 <= z < 0.3 12.5 1.5 10.0 counts 7.5 5.0 -0.5 2.5 0.0 0.0 200 300 100 400 100 -150 -100 50 150 satellites satellites $0.3 \le z \le 0.4$ 0.4 <= z < 0.515 30 counts counts 5 10 0 _2₅ -25 -50 75 -50 0 25 50 75 100 125 -100 **-**75 0 25 50 satellites satellites 30 40 0.5 <= z < 0.6 $0.6 \le z \le 0.7$ 25 30 20 20 counts counts 02 10 10 20 -20 0 20 40 60 100 -20 40 -40 80 -60 -40 0 60 satellites satellites 5 z >= 0.74 counts

10 satellites

20

30

40

0

-20

-10