Histogram of the Number of Satellite Galaxies at Different LRG Redshift Slices 4 z < 0.2 0.2 <= z < 0.3 12 -10 3 · counts 2 4 1 2 0 ↓ −75 0 125 125 25 50 -25 -25 75 100 25 50 75 100 150 -50 satellites satellites 0.3 <= z < 0.4 $0.4 \le z < 0.5$ 30 15 25 counts connts 15 10 5 5 0 --20 20 -20 20 40 **-**40 0 40 60 80 **-**40 0 satellites satellites 20 0.6 <= z < 0.7 0.5 <= z < 0.6 40 15 30 20 counts 5 10 0 --10 20 20 -20 40 60 -20 0 10 30 40 satellites satellites 5 z >= 0.74 counts -10 10 20 -20 0 satellites