Histogram of the Number of Satellite Galaxies at Different Z-Magnitude Slices 1.0 1.0 -14 <= zmag < 15 15 <= zmag < 16</p> 8.0 8.0 counts 0.6 counts 0.0 0.2 0.2 -0.0 ↓ -40 0.0 30 40 60 20 50 40 10 **-**20 0 20 80 100 0 satellites satellites 4 ■ 17 <= zmag < 18 16 <= zmag < 17 15 3 · counts . counts 5 1 --50 100 -50 100 150 50 -150 -100 0 50 0 150 satellites satellites 80 ■ 19 <= zmag < 20 18 <= zmag < 19 150 -60 125 counts 64 5 100 connts 50 20 25 -50 100 150 300 -100 50 100 200 400 satellites satellites 2.0 zmag >= 20 1.5 counts 0.5

10

20

satellites

30

40