Histogram of the Number of Satellite Galaxies at Different Z-Magnitude Slices 2.0 -1.0 -14 <= zmag < 15 15 <= zmag < 16 8.0 1.5 counts counts 0.6 0.5 -0.2 0.0 0.0 -40 <del>-</del>20 30 20 40 -60 0 20 10 50 60 70 satellites satellites 16 <= zmag < 17 ■ 17 <= zmag < 18 15 3 counts counts N 1 -0 -25 \_20 20 75 40 0 25 50 100 125 **-**40 0 60 80 satellites satellites 18 <= zmag < 19 ■ 19 <= zmag < 20 80 60 counts 04 04 counts 20 20 -20 20 -25 0 25 50 75 100 125 150 0 100 **-**50 40 60 80 satellites satellites 2.0 zmag >= 20 1.5 counts 0.5

0.0

10

30

40

50

20

satellites