Histogram of the Number of Satellite Galaxies at Different G-Magnitude Slices 1.0 1.0 -16 <= gmag < 17 17 <= gmag < 18 8.0 8.0 counts 0.6 connts 0.2 0.2 -0.0 0.0 11.8 12.2 12.4 -20 11.6 12.0 20 40 satellites satellites 3.0 10 18 <= gmag < 19 ■ 19 <= gmag < 20 2.5 8 2.0 1.5 counts 6 4 1.0 2 0.5 0.0 -50 -100 100 200 50 0 300 400 0 100 150 satellites satellites 60 20 <= gmag < 21 ■ 21 <= gmag < 22 15.0 50 -12.5 40 10.0 conuts 7.5 counts 0.0 20 5.0 10 2.5 0.0 25 -50 0 50 100 150 -25 50 75 -100 -75 **-**50 0 100 satellites satellites 22 <= gmag < 23 gmag >= 23 50 40 counts counts 20 10 0 60 -20 -10 -40 **-**20 20 40 80 0 10 20 0 30 40 50 satellites satellites