Histogram of the Number of Near Neighbor Galaxies at Different G-Magnitude Slices 1.0 1.0 -17 <= gmag < 18 18 <= gmag < 19 8.0 8.0 counts 0.6 counts 0.0 0.2 0.2 -0.0 0.0 77.6 78.4 77.8 78.2 78.0 175 200 225 250 275 300 325 near neighbors near neighbors 3.0 19 <= gmag < 20 ■ 20 <= gmag < 21 8 2.5 2.0 connts 6 4 1.0 2 0.5 0.0 100 400 500 50 100 125 150 200 300 600 700 75 175 200 225 near neighbors near neighbors 25 60 21 <= gmag < 22 ■ 22 <= gmag < 23 50 20 counts 30 stunoo 10 20 5 10 50 150 50 100 200 0 75 100 125 150 175 200 25 near neighbors near neighbors 8 23 <= gmag < 24 gmag >= 24 40 6 counts 20 counts 10

20

40

60

near neighbors

80

100

20

40

60

near neighbors

80

100

120