Fig1: Clump thickness

Mean: 4.42
Median: 4.0
Std. Deviation: 2.81
Variance: 7.92

Fig2: Uniformity of Cell Size

Mean: 3.13
Median: 1.0
Std. Deviation: 3.05
Variance: 9.3
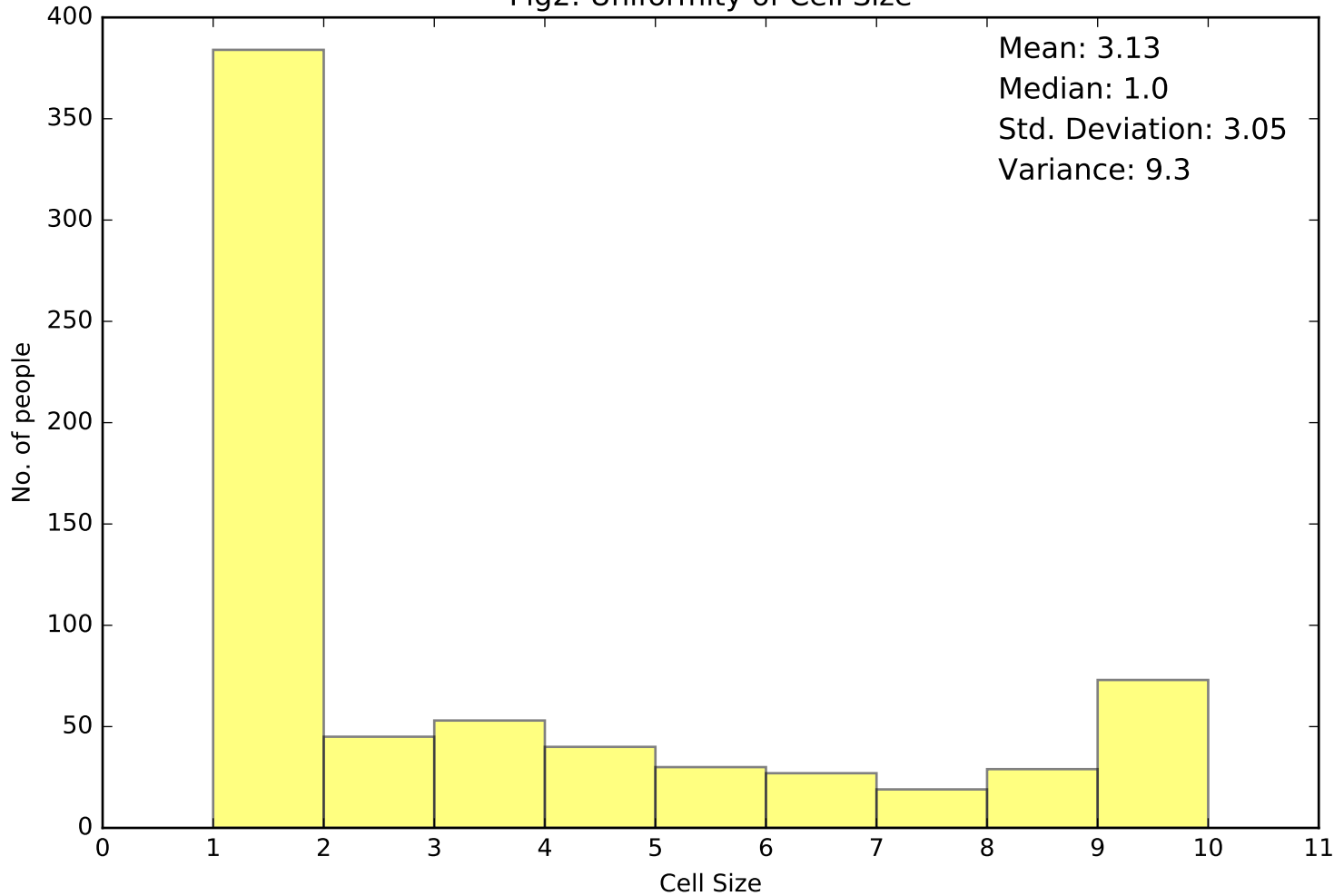
Fig3: Uniformity of Cell Shape

Mean: 3.21
Median: 1.0
Std. Deviation: 2.97
Variance: 8.82

Fig4: Marginal Adhesion

Mean: 2.81
Median: 1.0
Std. Deviation: 2.85
Variance: 8.14
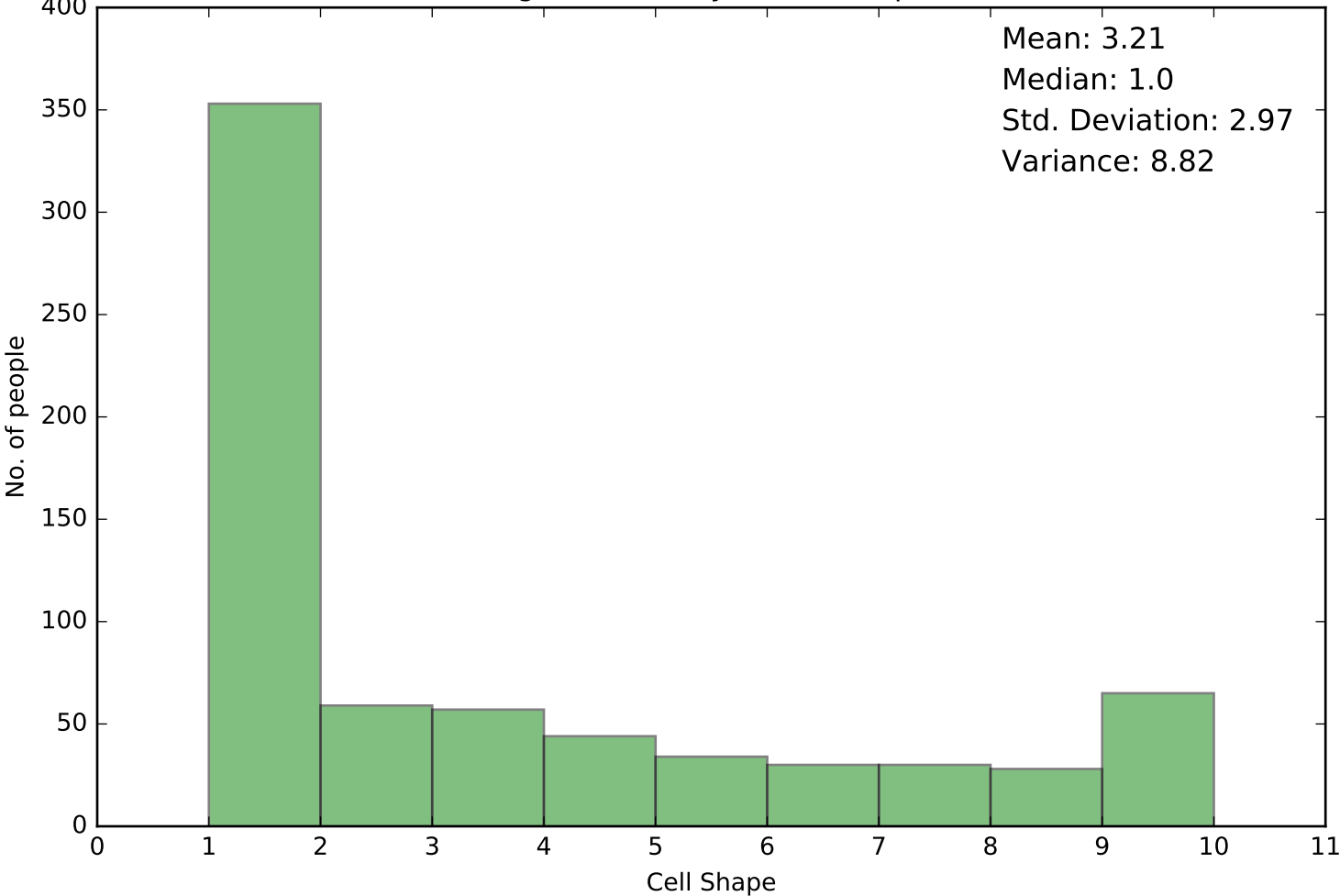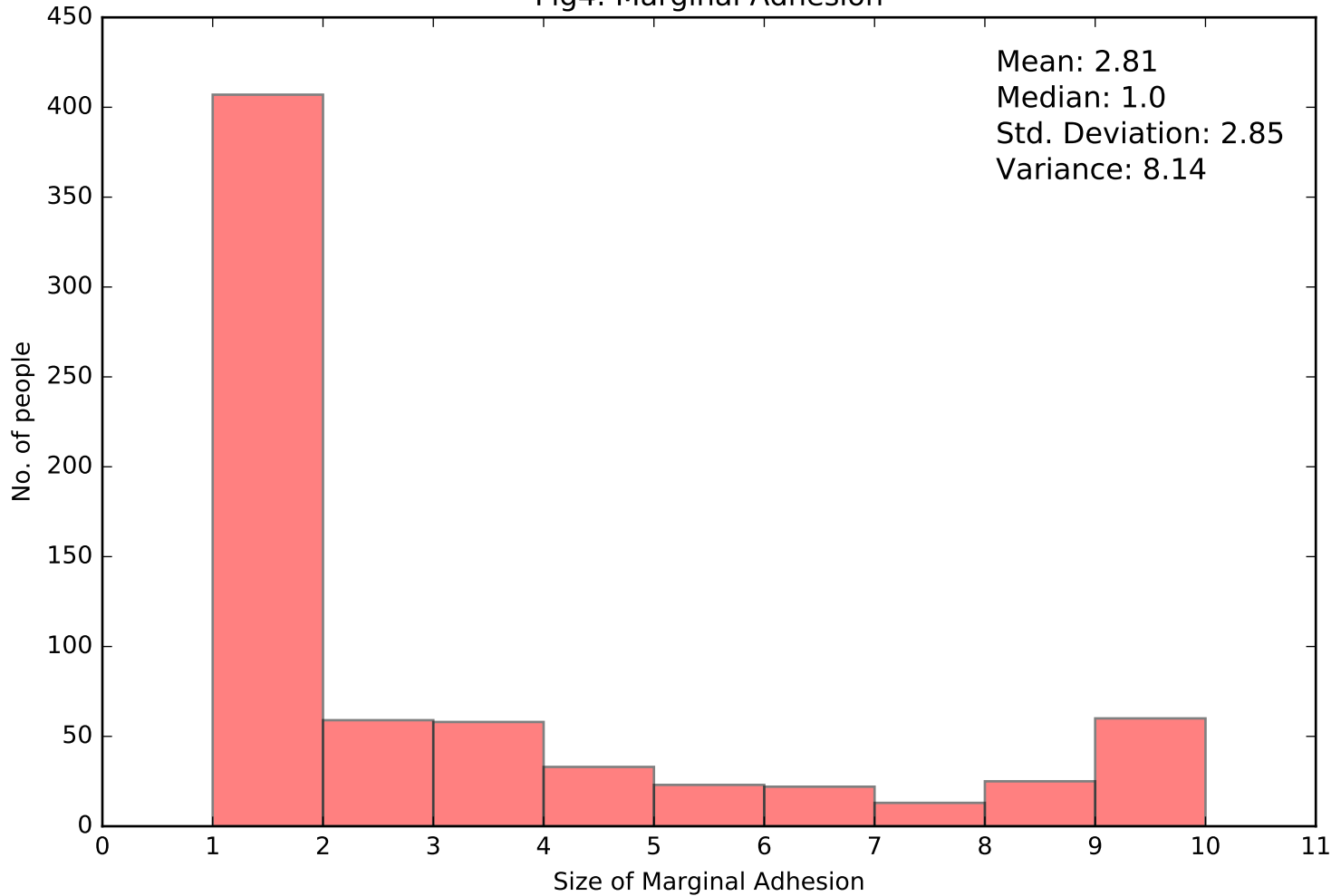
Fig5: Single Epithelial Cell Size
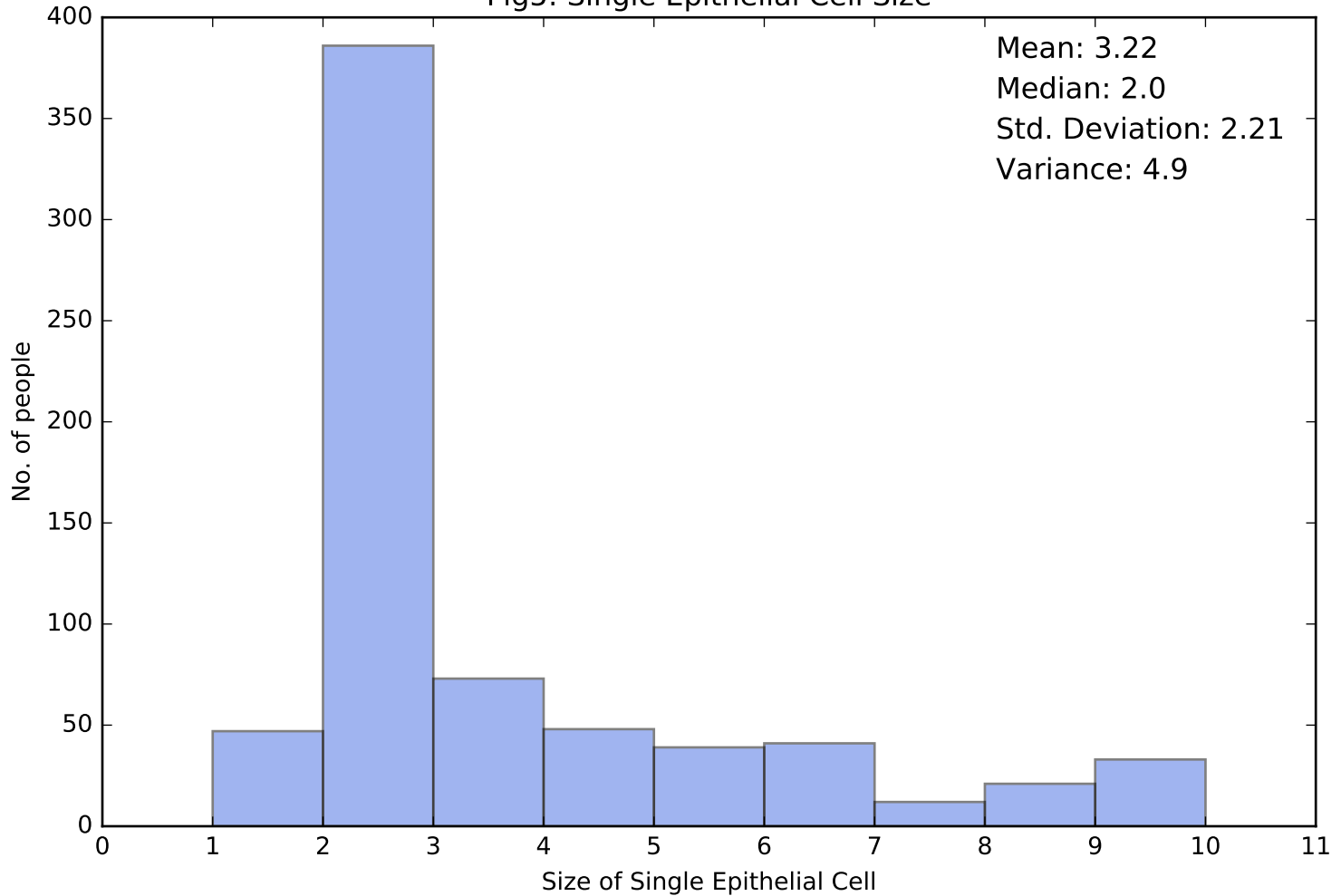
Mean: 3.22
Median: 2.0
Std. Deviation: 2.21
Variance: 4.9

Fig6: Bare Nuclei

Mean: 3.54
Median: 1.0
Std. Deviation: 3.6
Variance: 12.95

Fig7: Bland Chromatin

Mean: 3.44
Median: 3.0
Std. Deviation: 2.44
Variance: 5.94

Fig8: Normal Nucleoli

Mean: 2.87
Median: 1.0
Std. Deviation: 3.05
Variance: 9.31

Fig9: Mitosis

Mean: 1.59
Median: 1.0
Std. Deviation: 1.71
Variance: 2.94
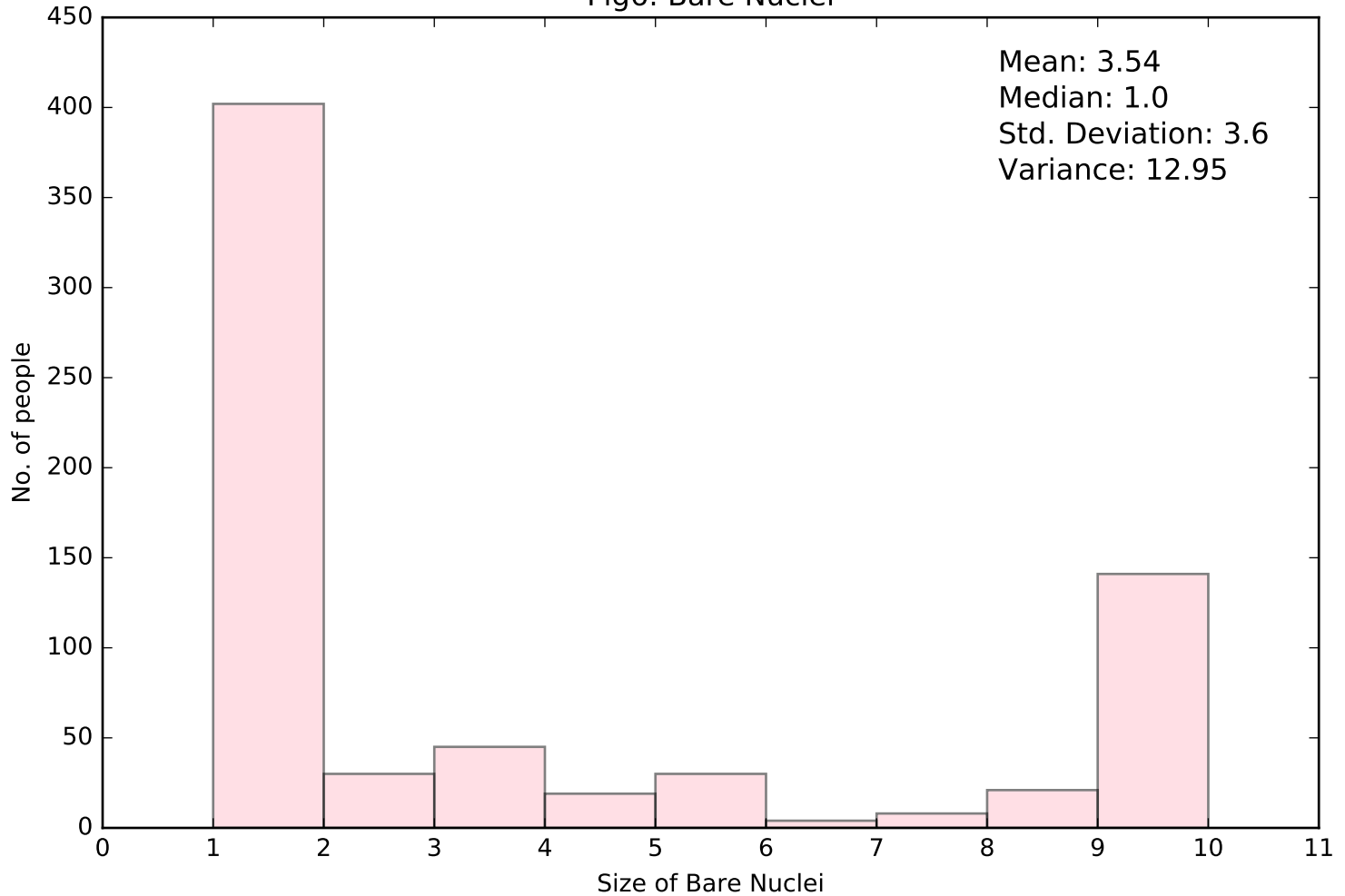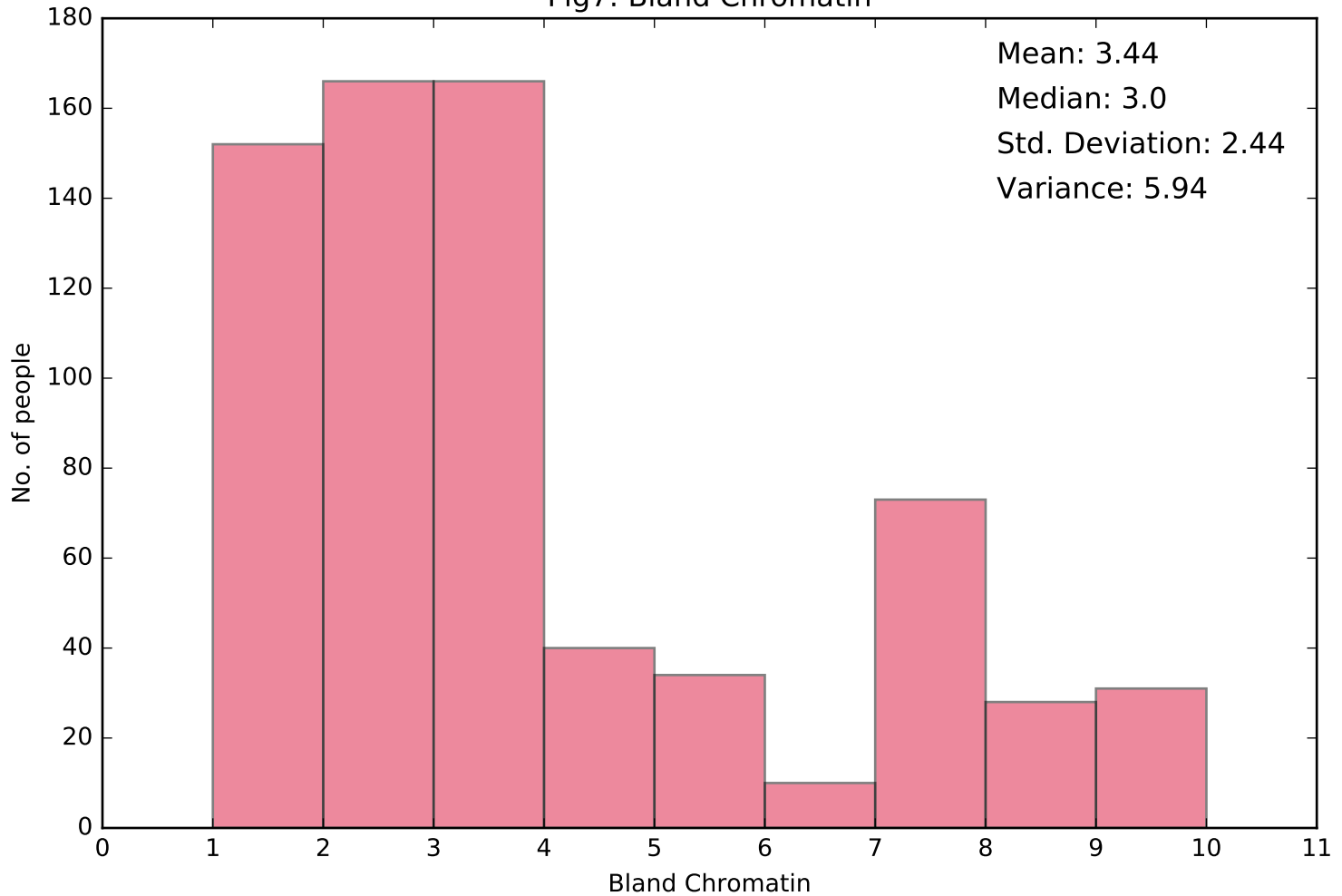
----------------------------- Final Mean -----------------------------
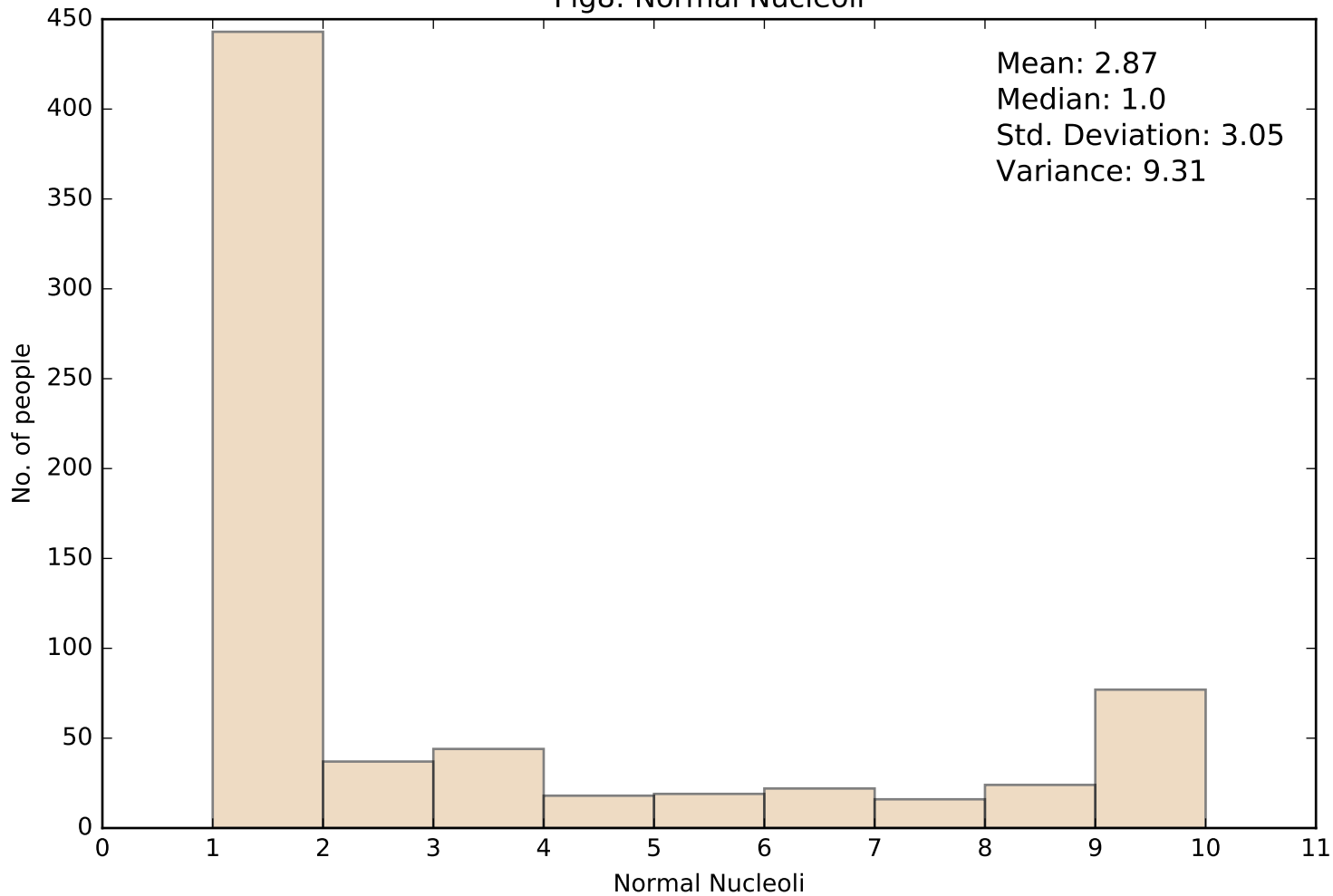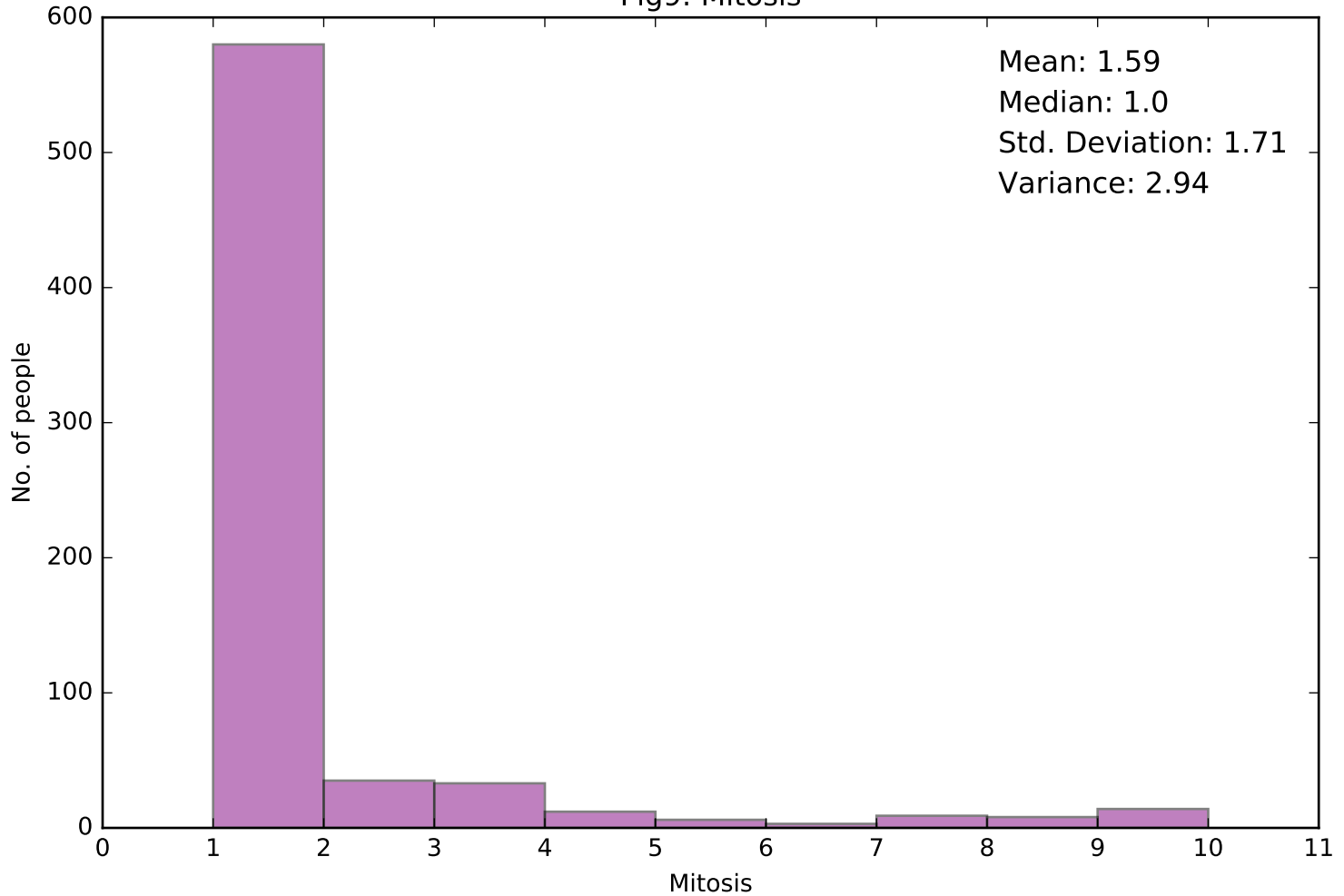u2: [3.045726495726496, 1.3121794871794872, 1.4534188034188036, 1.3649572649572648, 2.0944444444444446, 1.4017094017094016, 2.1141025641025641, 1.2754273504273503, 1.1102564102564103]

u4: [7.1853448275862073, 6.8103448275862073, 6.7456896551724137, 5.7155172413793105, 5.4784482758620694, 7.8642241379310347, 6.1077586206896548, 6.0775862068965516, 2.5560344827586206]

----------------------------- Cluster Assignment -----------------------------
	ID	CLASS	Predicted_Class
0	1000025	2	2
1	1002945	2	4
2	1015425	2	2
3	1016277	2	4
4	1017023	2	2
5	1017122	4	4
6	1018099	2	2
7	1018561	2	2
8	1033078	2	2
9	1033078	2	2
10	1035283	2	2
11	1036172	2	2
12	1041801	4	2
13	1043999	2	2
14	1044572	4	4
15	1047630	4	2
16	1048672	2	2
17	1049815	2	2
18	1050670	4	4
19	1050718	2	2
20	1054590	4	4

----------------------------- Error Rate -----------------------------
Error rate for class 2: 0.0240174672489
Error rate for class 4: 0.0829875518672
Total Error of both classes: 0.107005019116