

A	B	Row	D	E	F	G	H	I	J	K	Row
Height	Male	2	Intercept	Slope		Logit	Odds	Prob Y=1	Prob OK	Ln-LH-OK	2
68	1	3	-53.32	0.7905		0.43	1.54	0.61	0.61	-0.50	3
69	1	4				1.22	3.40	0.77	0.77	-0.26	4
69	1	5	Sum LnLk	-30.55	=SUM(K3:K94)	1.22	3.40	0.77	0.77	-0.26	5
72	1	6	Sum LnLk1	-61.11	Sum #1: Manual	3.59	36.40	0.97	0.97	-0.03	6
66	1	7	Sum Ln Lk2	-30.55	Sum #2: Solver MLE	-1.15	0.32	0.24	0.24	-1.42	7
67	0	8	Chi-Sq	61.13	=-2*(E6-E7)	-0.36	0.70	0.41	0.59	-0.53	8
71	1	9	P-Value	5E-15	=CHISQ.DIST.RT(E8,1)	2.80	16.51	0.94	0.94	-0.06	9
71	1	10				2.80	16.51	0.94	0.94	-0.06	10
71.5	1	11	FORMULAS & TEXT: Enter, Copy Down			3.20	24.51	0.96	0.96	-0.04	11
62	0	12	Logit	G3	=D\$3+E\$3*A3	-4.31	0.01	0.01	0.99	-0.01	12
65.5	0	13	Odds	H3	=EXP(G3)	-1.54	0.21	0.18	0.82	-0.19	13
73.5	1	14	Prob Y=1	I3	=H3/(1+H3)	4.78	119.14	0.99	0.99	-0.01	14
72	1	15	Prob OK	J3	=IF(B3=1,I3,1-I3)	3.59	36.40	0.97	0.97	-0.03	15
72	1	16	Ln-LH-OK	K3	=LN(J3)	3.59	36.40	0.97	0.97	-0.03	16
66	0	17				-1.15	0.32	0.24	0.76	-0.28	17
62.75	0	18				-3.72	0.02	0.02	0.98	-0.02	18
74	1	19	D	E	F	5.18	176.90	0.99	0.99	-0.01	19
70	1	20	GENDER & INTERCEPT #1			2.01	7.49	0.88	0.88	-0.13	20
73	1	21	Male-Pctg	0.62	=AVERAGE(B3:B94)	4.39	80.24	0.99	0.99	-0.01	21
65	0	22	Intercept#1	0.4877	=LN(E21/(1-E21))	-1.94	0.14	0.13	0.87	-0.13	22
66	1	23				-1.15	0.32	0.24	0.24	-1.42	23
69	1	24				1.22	3.40	0.77	0.77	-0.26	24
75	1	25				5.97	389.97	1.00	1.00	0.00	25
66	0	26				-1.15	0.32	0.24	0.76	-0.28	26
73	1	27				4.39	80.24	0.99	0.99	-0.01	27
69	1	28				1.22	3.40	0.77	0.77	-0.26	28
70	1	29				2.01	7.49	0.88	0.88	-0.13	29
66	0	30				-1.15	0.32	0.24	0.76	-0.28	30
65	0	31				-1.94	0.14	0.13	0.87	-0.13	31
74	1	32				5.18	176.90	0.99	0.99	-0.01	32
67	1	33				-0.36	0.70	0.41	0.41	-0.89	33
74	1	34				5.18	176.90	0.99	0.99	-0.01	34
70	0					2.01	7.49	0.88	0.12	-2.14	35

M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	CHART	N6	Enter X manually	P6	=EXP(O6)			HEIGHT	VALUE	FORMULA			
3	SETUP	O6	=D\$3+E\$3*N6	Q6	=P6/(1+P6)			Ht-Average	68.72	=AVERAGE(A3:A94)			
4								Ht-Max	75.00	=MAX(A3:A94)			
5	X-Ht	Logit	Odds	Prob Y=1				Ht-Min	61.00	=MIN(A3:A94)			
6	61.00	-5.10	0.01	1%				Ht Ave Guy	70.75	=AVERAGEIF(B3:B94,"=1",A3:A94)			
7	61.50	-4.71	0.01	1%				Ht Ave Gal	65.40	=AVERAGEIF(B3:B94,"=0",A3:A94)			
8	62.00	-4.31	0.01	1%									
9	62.50	-3.92	0.02	2%									
10	63.00	-3.52	0.03	3%									
11	63.50	-3.12	0.04	4%									
12	64.00	-2.73	0.07	6%									
13	64.50	-2.33	0.10	9%									
14	65.00	-1.94	0.14	13%									
15	65.50	-1.54	0.21	18%									
16	66.00	-1.15	0.32	24%									
17	66.50	-0.75	0.47	32%									
18	67.00	-0.36	0.70	41%									
19	67.50	0.04	1.04	51%									
20	68.00	0.43	1.54	61%									
21	68.50	0.83	2.29	70%									
22	69.00	1.22	3.40	77%									
23	69.50	1.62	5.04	83%									
24	70.00	2.01	7.49	88%									
25	70.50	2.41	11.12	92%									
26	71.00	2.80	16.51	94%									
27	71.50	3.20	24.51	96%									
28	72.00	3.59	36.40	97%									
29	72.50	3.99	54.04	98%									
30	73.00	4.39	80.24	99%									
31	73.50	4.78	119.14	99%									
32	74.00	5.18	176.90	99%									
33	74.50	5.57	262.65	100%									
34	75.00	5.97	389.97	100%									

