

Height	Male	Intercept	Slope		Logit	Odds	Prob Y=1	Prob OK	Ln-LH-OK	HT-Graph	Logit	
68	1	-53.32	0.7905		0.43	1.54	0.61	0.61	-0.50	61.00	-5.10	
69	1				1.22	3.40	0.77	0.77	-0.26	61.50	-4.71	
69	1	Sum LnLk	-30.55	=SUM(Q2:Q93)	1.22	3.40	0.77	0.77	-0.26	62.00	-4.31	
72	1	Original	-63.82	-2*LnLK	3.59	36.40	0.97	0.97	-0.03	62.50	-3.92	
66	1	Intercept	-61.11	122.23	-1.15	0.32	0.24	0.24	-1.42	63.00	-3.52	
67	0	Full	-30.55	61.10	-0.36	0.70	0.41	0.59	-0.53	63.50	-3.12	
71	1	Difference	=K6-K7	61.13	2.80	16.51	0.94	0.94	-0.06	64.00	-2.73	
71	1	DegFreedom		1	2.80	16.51	0.94	0.94	-0.06	64.50	-2.33	
71.5	1	=CHISQ.DIST.RT(K8,K9)		5.35E-15	3.20	24.51	0.96	0.96	-0.04	65.00	-1.94	
62	0				-4.31	0.01	0.01	0.99	-0.01	65.50	-1.54	
65.5	0	FORMULAS			-1.54	0.21	0.18	0.82	-0.19	66.00	-1.15	
73.5	1	Logit	M2	=I\$2+J\$2*C2	4.78	119.14	0.99	0.99	-0.01	66.50	-0.75	
72	1	Odds	N2	=EXP(M2)	3.59	36.40	0.97	0.97	-0.03	67.00	-0.36	
72	1	Prob Y=1	O2	=N2/(1+N2)	3.59	36.40	0.97	0.97	-0.03	67.50	0.04	
66	0	Prob OK	P2	=IF(H2=1,O2,1-O2)	-1.15	0.32	0.24	0.76	-0.28	68.00	0.43	
62.75	0	Ln-LH-OK	Q2	=LN(P2)	-3.72	0.02	0.02	0.98	-0.02	68.50	0.83	
74	1				5.18	176.90	0.99	0.99	-0.01	69.00	1.22	
70	1	Logit	T2	=I\$2+J\$2*S2	2.01	7.49	0.88	0.88	-0.13	69.50	1.62	
73	1				4.39	80.24	0.99	0.99	-0.01	70.00	2.01	
65	0	HEIGHT			-1.94	0.14	0.13	0.87	-0.13	70.50	2.41	
66	1	Ht-Average	68.72	=AVERAGE(C:C)	-1.15	0.32	0.24	0.24	-1.42	71.00	2.80	
69	1	Ht-StdDev	3.66	=STDEV(C:C)	1.22	3.40	0.77	0.77	-0.26	71.50	3.20	
75	1	Ht_Kurtosis	-0.80	=KURT(C2:C93)	5.97	389.97	1.00	1.00	0.00	72.00	3.59	
66	0	Ht-Max	75.00	=MAX(C\$2:C\$93)	-1.15	0.32	0.24	0.76	-0.28	72.50	3.99	
73	1	Ht-Min	61.00	=MIN(C\$2:C\$93)	4.39	80.24	0.99	0.99	-0.01	73.00	4.39	
69	1				1.22	3.40	0.77	0.77	-0.26	73.50	4.78	
70	1				2.01	7.49	0.88	0.88	-0.13	74.00	5.18	
66	0	70.75	{=AVERAGEIF(H2:H93,"=1",C2:C93)}		-1.15	0.32	0.24	0.76	-0.28	74.50	5.57	
65	0	65.40	{=AVERAGEIF(H2:H93,"=0",C2:C93)}		-1.94	0.14	0.13	0.87	-0.13	75.00	5.97	
74	1	5.35	=I29-I30	Diff in Means	5.18	176.90	0.99	0.99	-0.01			
67	1				-0.36	0.70	0.41	0.41	-0.89	HT	Logit	
74	1	GENDER			5.18	176.90	0.99	0.99	-0.01	Ave	68.72	1.00
70	0	Male-Pctg	0.62	=AVERAGE(H:H)	2.01	7.49	0.88	0.12	-2.14	Median	69.00	1.22
67	1	Male-StDev	0.49	=STDEV(H:H)	-0.36	0.70	0.41	0.41	-0.89	Ave-M	70.75	2.61
71	1				2.80	16.51	0.94	0.94	-0.06	Ave-F	65.40	-1.62

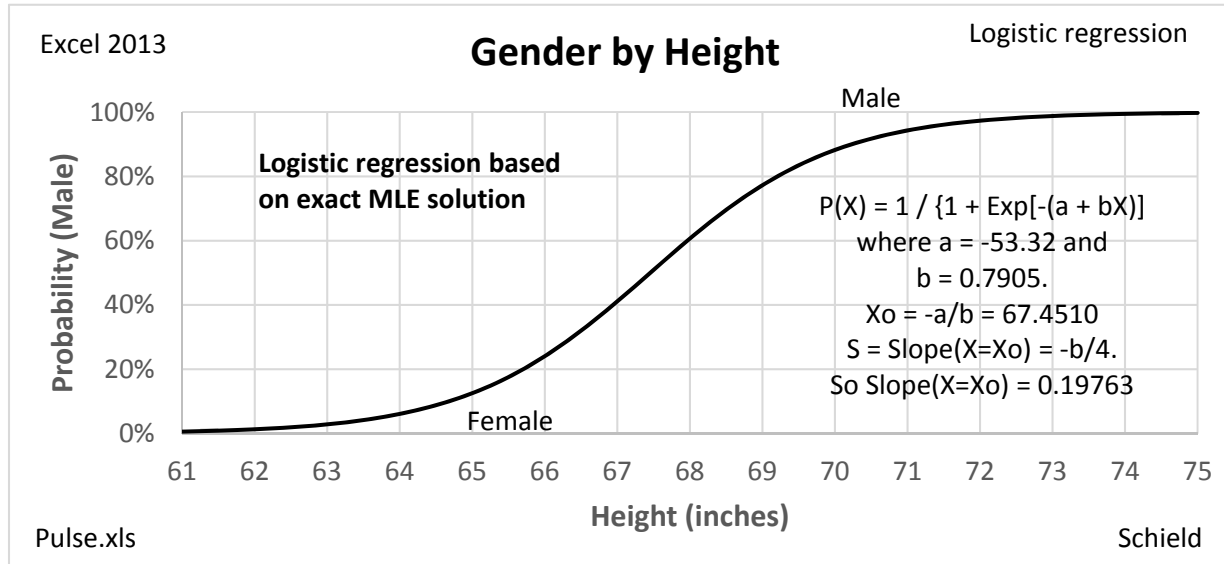
Odds Prob Y=1

0.01 1%
 0.01 1%
 0.01 1%
 0.02 2%
 0.03 3%
 0.04 4%
 0.07 6%
 0.10 9%
 0.14 13%
 0.21 18%
 0.32 24%
 0.47 32%
 0.70 41%
 1.04 51%
 1.54 61%
 2.29 70%
 3.40 77%
 5.04 83%
 7.49 88%
 11.12 92%
 16.51 94%
 24.51 96%
 36.40 97%
 54.04 98%
 80.24 99%
 119.14 99%
 176.90 99%
 262.65 100%
 389.97 100%

Solve for X when Y = 0 or 1 using Trend of Male on Height

0.0953 Slope 65.40 Ave Women 70.75 Ave Men 0.186763 slope
-5.9282 Intercept 2.56 SD Women 2.58 SD Men 0.747051 Best
 62.21 X given Y=0 -1.25 zValue 0.75 zValue 0.79052 Bact
 72.70 X given Y=1 -1.23 Kurt Women -0.94 Kurt Men 1.058184 Bact/Best

MidY 68.077 =SUM(I29:I30)/2



Odds Prob Y=1

2.72 73.10%
 3.40 77.26%
 13.60 93.15%
 0.20 16.48%