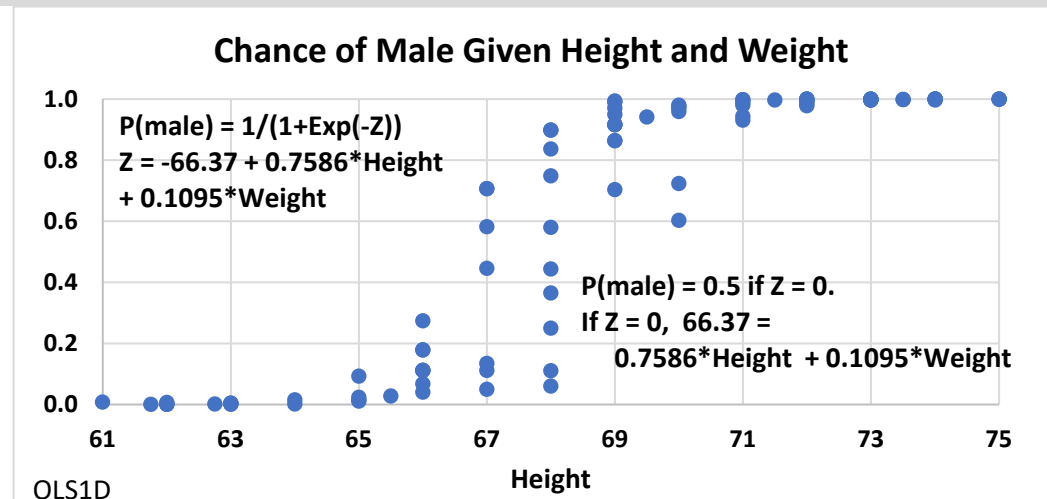


Predict chance of being male given height and weight.
 D7 =IF(C7=0, 0.001, 0.999) E7 =LN(D7/(1-D7))
 F7 =1/(1+EXP(-I\$32-I\$33*A7 -I\$34*B7))

Height	Weight	Male	Male1	Ln(Odds)	yPred
61	140	0	0.001	-6.91	0.008
61.75	108	0	0.001	-6.91	0.000
62	108	0	0.001	-6.91	0.001
62	110	0	0.001	-6.91	0.001
62	120	0	0.001	-6.91	0.002
62	131	0	0.001	-6.91	0.007
62.75	112	0	0.001	-6.91	0.001
63	95	0	0.001	-6.91	0.000
63	116	0	0.001	-6.91	0.003
63	118	0	0.001	-6.91	0.003
63	121	0	0.001	-6.91	0.005
64	102	0	0.001	-6.91	0.001
64	125	0	0.001	-6.91	0.016
65	115	0	0.001	-6.91	0.011
65	118	0	0.001	-6.91	0.016
65	122	0	0.001	-6.91	0.024
65	135	0	0.001	-6.91	0.093
65.5	120	0	0.001	-6.91	0.028
66	120	0	0.001	-6.91	0.041
66	125	0	0.001	-6.91	0.068
66	130	0	0.001	-6.91	0.112
66	130	1	0.999	6.91	0.112
66	130	0	0.001	-6.91	0.112
66	135	1	0.999	6.91	0.179
66	135	1	0.999	6.91	0.179
66	140	1	0.999	6.91	0.274
67	115	0	0.001	-6.91	0.050
67	123	1	0.999	6.91	0.111



OLS1D

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.75
R Square	0.57
Adjusted R S	0.56
Standard Err	4.49
Observation	92

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	2,347.26	1,173.63	58.34	0.00
Residual	89	1,790.47	20.12		
Total	91	4,137.74			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	-66.37	11.00	-6.03	0.00	-88.23	-44.52
Height	0.7586	0.21	3.66	0.00	0.35	1.17
Weight	0.1095	0.03	3.43	0.00	0.05	0.17

O	P	Q	R	S	T	U	V	W	X	Y	Z
2	Row	X	Y(X Wt=130)	Y(X Wt=150)	R3 =1/(1+EXP(-I\$32-I\$33*Q3-I\$34*130))						
3	3	61	0.003	0.025	S3 =1/(1+EXP(-I\$32-I\$33*Q3-I\$34*150))						
4	4	61.5	0.004	0.036							
5	5	62	0.006	0.052							
6	6	62.5	0.009	0.074							
7	7	63	0.013	0.104							
8	8	63.5	0.019	0.145							
9	9	64	0.027	0.198							
10	10	64.5	0.039	0.266							
11	11	65	0.056	0.346							
12	12	65.5	0.080	0.436							
13	13	66	0.112	0.530							
14	14	66.5	0.156	0.623							
15	15	67	0.212	0.707							
16	16	67.5	0.283	0.779							
17	17	68	0.365	0.837							
18	18	68.5	0.457	0.883							
19	19	69	0.551	0.917							
20	20	69.5	0.642	0.941							
21	21	70	0.724	0.959							
22	22	70.5	0.793	0.972							
23	23	71	0.849	0.980							
24	24	71.5	0.891	0.987							
25	25	72	0.923	0.991							
26	26	72.5	0.946	0.994							
27	27	73	0.962	0.996							
28	28	73.5	0.974	0.997							
29	29	74	0.982	0.998							
		74.5	0.988	0.999							
		75	0.991	0.999							
Lower 95.0%											
	###	-44.52									
	0.35	1.17									
	0.05	0.17									

