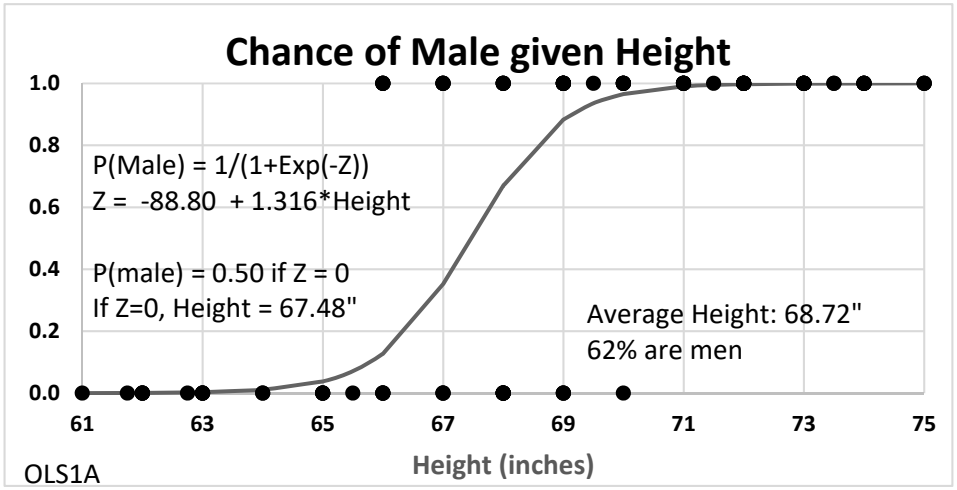
Predict chance of being male given height. Regress using a logistic model with an Ordinary-Least-Squares fit using "nudge".

C7 =IF(B7=0, 0.001, 0.999) E7 =LN(D7)

D7 =C7/(1-C7) F7 =1/(1+EXP(-I$33-I$34*A7))

Height	Male	Male1	Odds	LN(Odds)	yPred
61	0	0.001	0.001	-6.91	0.000
61.75	0	0.001	0.001	-6.91	0.001
62	0	0.001	0.001	-6.91	0.001
62	0	0.001	0.001	-6.91	0.001
62	0	0.001	0.001	-6.91	0.001
62	0	0.001	0.001	-6.91	0.001
62.75	0	0.001	0.001	-6.91	0.002
63	0	0.001	0.001	-6.91	0.003
63	0	0.001	0.001	-6.91	0.003
63	0	0.001	0.001	-6.91	0.003
63	0	0.001	0.001	-6.91	0.003
64	0	0.001	0.001	-6.91	0.010
64	0	0.001	0.001	-6.91	0.010
65	0	0.001	0.001	-6.91	0.038
65	0	0.001	0.001	-6.91	0.038
65	0	0.001	0.001	-6.91	0.038
65	0	0.001	0.001	-6.91	0.038
65.5	0	0.001	0.001	-6.91	0.070
66	1	0.999	999.000	6.91	0.127
66	0	0.001	0.001	-6.91	0.127
66	0	0.001	0.001	-6.91	0.127
66	0	0.001	0.001	-6.91	0.127
66	1	0.999	999.000	6.91	0.127
66	1	0.999	999.000	6.91	0.127
66	1	0.999	999.000	6.91	0.127
66	0	0.001	0.001	-6.91	0.127
67	1	0.999	999.000	6.91	0.352
67	1	0.999	999.000	6.91	0.352



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.7142818
R Square	0.5101985
Adjusted R Square	0.5047563
Standard Error	4.745373
Observations	92

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regression	1	2111.069	2111.069	93.74792	1.31E-15
Residual	90	2026.671	22.51857		
Total	91	4137.739			

	Coefficients	*tandard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Jpper 95%*
Intercept	-88.79665	9.354652	-9.49224	3.25E-15	-107.381	-70.212
Height	1.3162354	0.135942	9.682351	1.31E-15	1.046163	1.58631