

1 **Report for Linear Model X**

2 *Basic Summary*

3 Call:

lm(formula = Total_Sales ~ Land.Area + Households.with.Under.18 +
Total.Families + X2014.Estimate, data = the.data)

4 Residuals:

Min	1Q	Median	3Q	Max
-79333	-22215	6996	21394	75337

6 Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	167245.396	46261.739	3.615	0.0153 *
Land.Area	-27.234	18.254	-1.492	0.19592
Households.with.Under.18	-62.161	26.998	-2.302	0.06956 .
Total.Families	48.886	24.021	2.035	0.09747 .
X2014.Estimate	7.877	7.168	1.099	0.32189

Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

8 Residual standard error: 56975 on 5 degrees of freedom

Multiple R-squared: 0.9606, Adjusted R-Squared: 0.9291

F-statistic: 30.48 on 4 and 5 degrees of freedom (DF), p-value 0.001048

9 *Type II ANOVA Analysis*

10 Response: Total_Sales

	Sum Sq	DF	F value	Pr(>F)
Land.Area	7225535357.73	1	2.23	0.19592
Households.with.Under.18	17208156809.99	1	5.3	0.06956 .
Total.Families	13444982056.45	1	4.14	0.09747 .
X2014.Estimate	3919918648.34	1	1.21	0.32189
Residuals	16230592509.54	5		

Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1