

0	Intercept: the estimated average reduction in
	blood pressure is 4.5 1141 when the
•	dose is 0
	'Slape: the estimated average reduction in blood
	pressure increases by 0.0704 for each
	unit increase in Dose.
(g)	Predicted values: 5.245 .5.949 6.653 7.351
	9.061 8.765 9.469 10.173 10.877 11.591
	12.285 12.989 13.693 14.397 15.101
	n ·
	MSE: 1 & (yi-ŷi)2
	11-2
	$((-1.045)^2 + (0.85)^2 + (1.453)^2 + (1.043)^2$
	$+(-2.16)^{2}+(1.635)^{2}+(0.369)^{2}+(2.277)^{2}$
	$+(-1.477)^{2}+(7.219)^{2}+(6.615)^{2}+(3.211)^{2}$
- Color Co	+ (-1.993)2+ (-1.497)2+ (-0.80D2)
s desired and a second	13
19-1	= 38.665 = 2.974
de .	713-7-3
	This estimation tells us the accuracy of our
	This estimation tells us the accuracy of our
T	model at predicting values. The smaller the MSE: the bother the fit.
	MSE: the better to fit
e	E[ei]= 0 -200-241-255-000 - 100-100
	The plot of residuals versus predicted is
	Scattered but they are all reasonably
17. · ·	close to which meens this
	assumption is reasonable.

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Var (Ei)= 62
There is one outlier in the plot but
other than this value the other points are
consitently spaced. This assumption is
also reasonable.

Cit are independent

There doesn't seem to be any patterns

Of dependency across the graph so this

assumption is reasonable.

Eine (1), 62)
The (1) plot does follow the Straight line fairly west closely and thus this is also a reasonable assumption