

Homework #2 (Due September 17, 3:30 p.m.)
STAT-UB.0003: Regression and Forecasting Models

1. MBS, Ex. 7.34.
2. MBS, Ex. 7.55, parts (a)-(e).
3. MBS, Ex. 11.7. Give one example where a probabilistic model is preferable, and one example where a deterministic model is preferable.
4. MBS, Ex. 11.9.
5. MBS, Ex. 11.10.
6. MBS, Ex. 11.15. Here is the Minitab output from fitting the model described in the problem; use this output instead of the SPSS output given in the textbook:

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
11.9119	92.06%	91.89%	91.44%

Coefficients

Term	Coef	SE Coef	T-Value	P-Value	VIF
Constant	-97.4	26.7	-3.65	0.001	
MATH2001	1.1882	0.0499	23.83	0.000	1.00

Regression Equation

MATH2011 = -97.4 + 1.1882 MATH2001