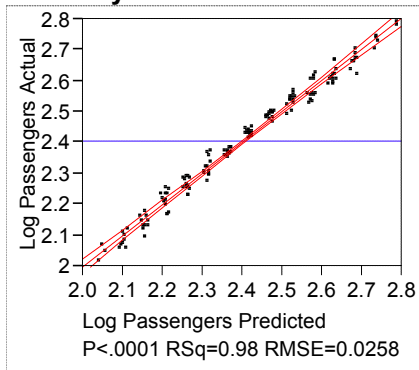


Regression Analysis of JMP "Series G" Time Series Data Set (Airline Log Passenger Counts) First on "Time" Only and then on "Time" and "Season" (Printout for 2nd and Plot for Both)

**Response Log Passengers
Whole Model
Actual by Predicted Plot**



Summary of Fit

Rsquare	0.983468
RSquare Adj	0.981954
Root Mean Square Error	0.025755
Mean of Response	2.406936
Observations (or Sum Wgts)	144

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	12	5.1694061	0.430784	649.4254
Error	131	0.0868963	0.000663	Prob > F
C. Total	143	5.2563024		<.0001

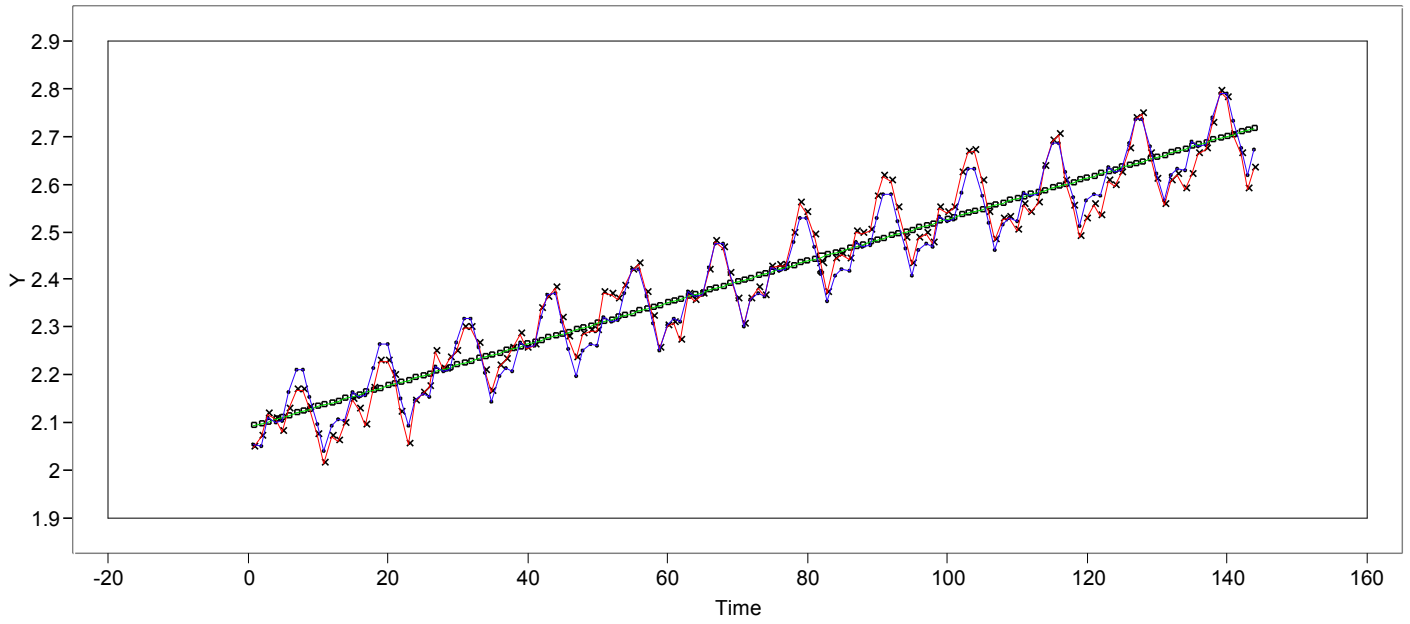
Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	2.0899065	0.004326	483.08	<.0001
Time	0.0043728	0.000052	84.40	<.0001
Season[1]	-0.037092	0.007124	-5.21	<.0001
Season[2]	-0.04667	0.007122	-6.55	<.0001
Season[3]	0.0098867	0.007121	1.39	0.1674
Season[4]	-0.003693	0.00712	-0.52	0.6048
Season[5]	-0.004724	0.007119	-0.66	0.5082
Season[6]	0.0483238	0.007118	6.79	<.0001
Season[7]	0.0934654	0.007118	13.13	<.0001
Season[8]	0.0894287	0.007119	12.56	<.0001
Season[9]	0.0266147	0.00712	3.74	0.0003
Season[10]	-0.033387	0.007121	-4.69	<.0001
Season[11]	-0.095802	0.007122	-13.45	<.0001

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
Time	1	1	4.7250264	7123.183	<.0001
Season	11	11	0.4308485	59.0475	<.0001

Overlay Plot
Overlay Y's



- Y x - Log Passengers
- - Predicted Log Passengers
- ◆ - Predicted Log Passengers 2