

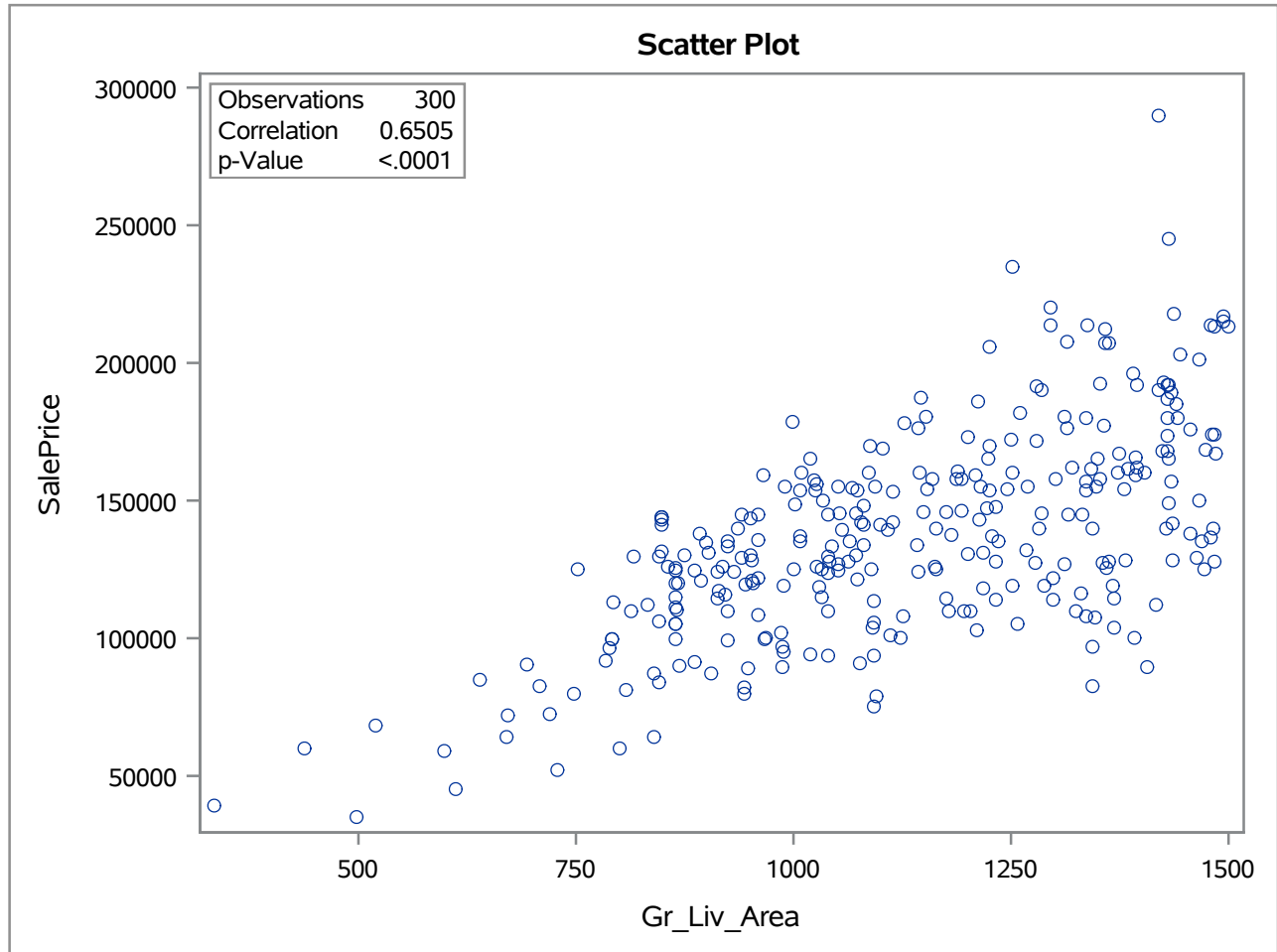
correlation and Scatter plot with Salesprice

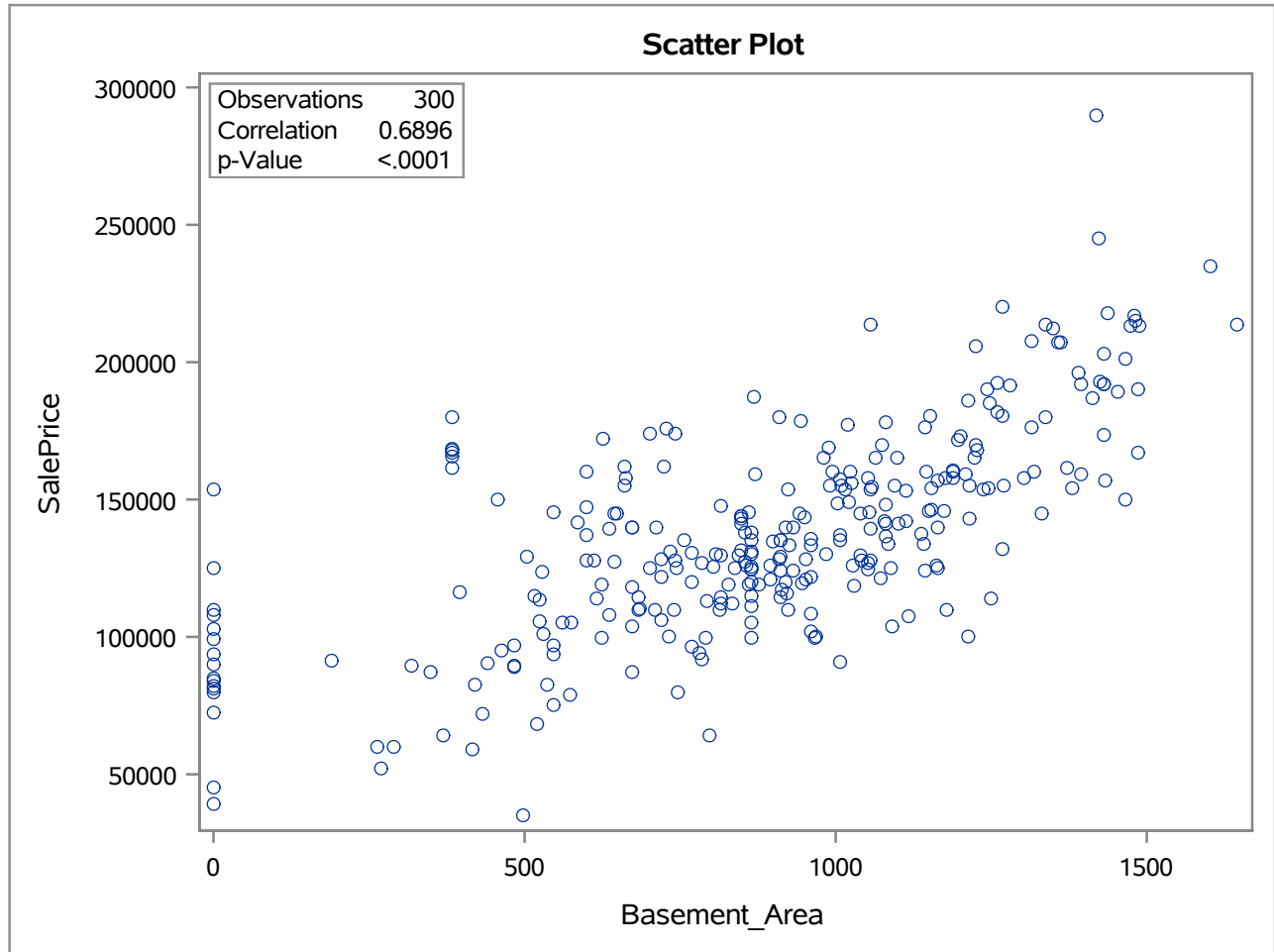
The CORR Procedure

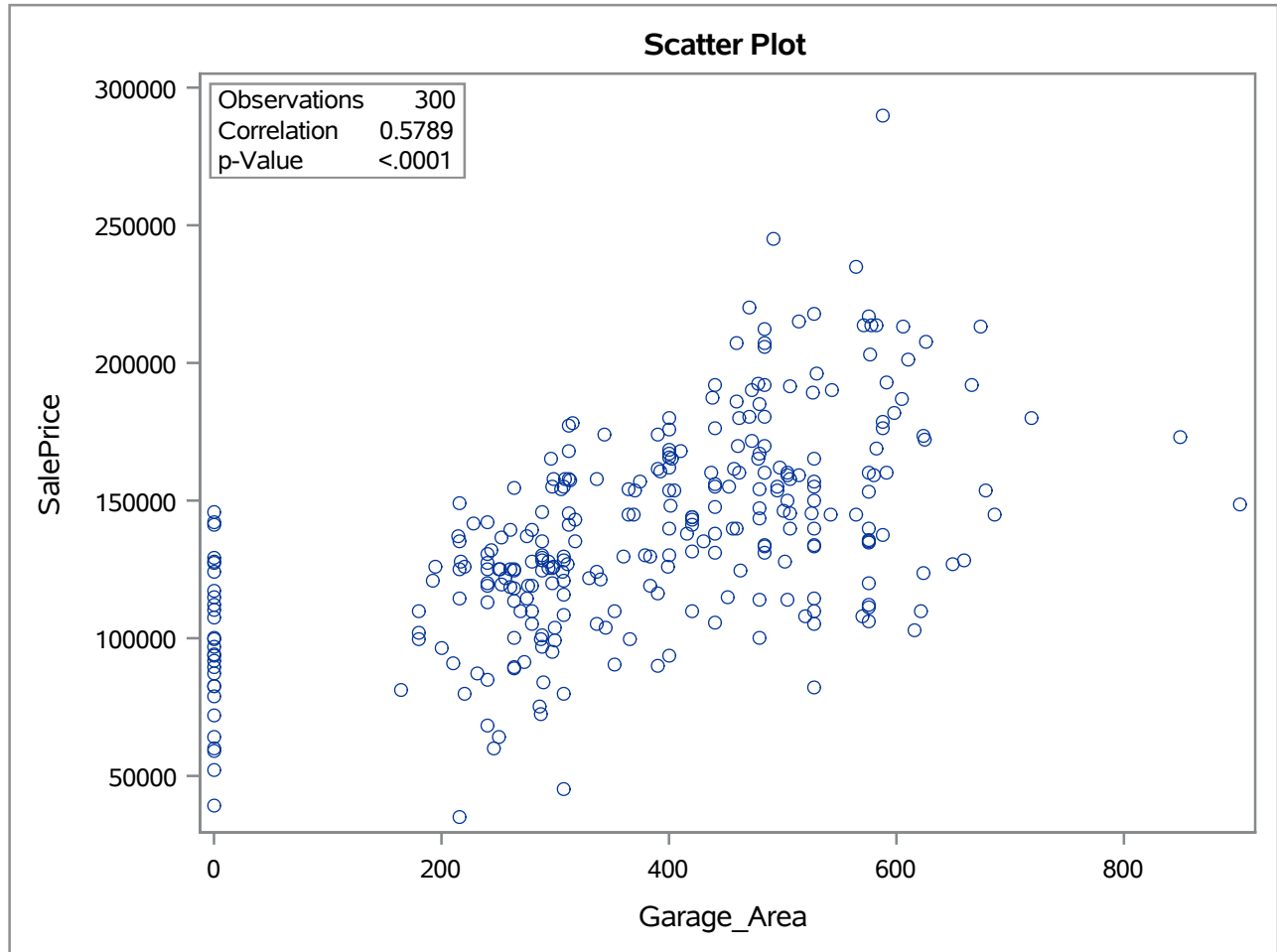
1 With Variables:	SalePrice							
8 Variables:	Gr_Liv_Area	Basement_Area	Garage_Area	Deck_Porch_Area	Lot_Area	Age_Sold	Bedroom_AbvGr	Total_Bathroom

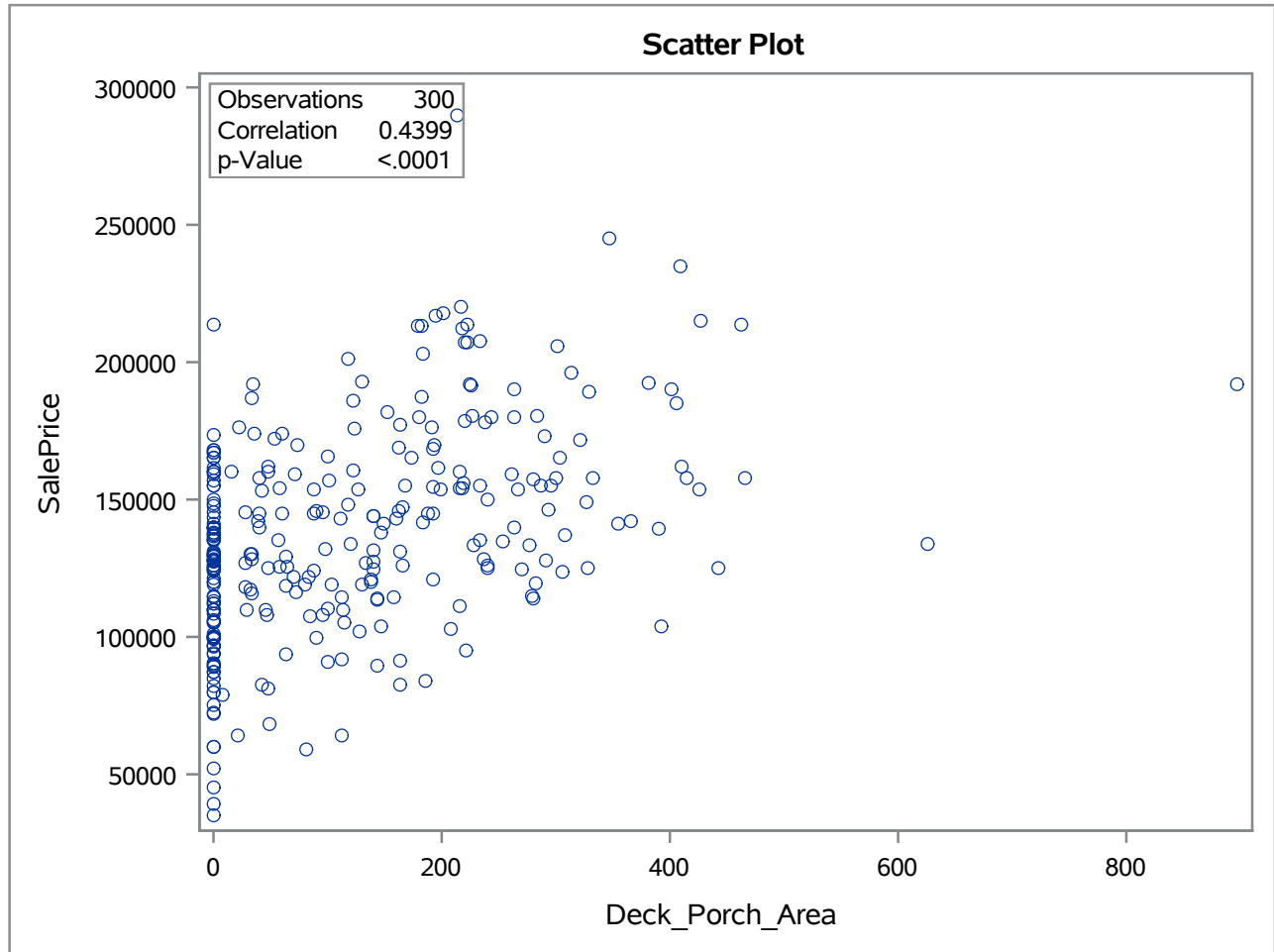
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
SalePrice	300	137525	37623	41257460	35000	290000
Gr_Liv_Area	300	1131	232.64939	339222	334.00000	1500
Basement_Area	300	882.31000	359.78397	264693	0	1645
Garage_Area	300	369.45333	176.25309	110836	0	902.00000
Deck_Porch_Area	300	118.26333	132.61169	35479	0	897.00000
Lot_Area	300	8294	3324	2488241	1495	26142
Age_Sold	300	45.88667	27.47697	13766	1.00000	135.00000
Bedroom_AbvGr	300	2.51333	0.69144	754.00000	0	4.00000
Total_Bathroom	300	1.70167	0.65707	510.50000	1.00000	4.10000

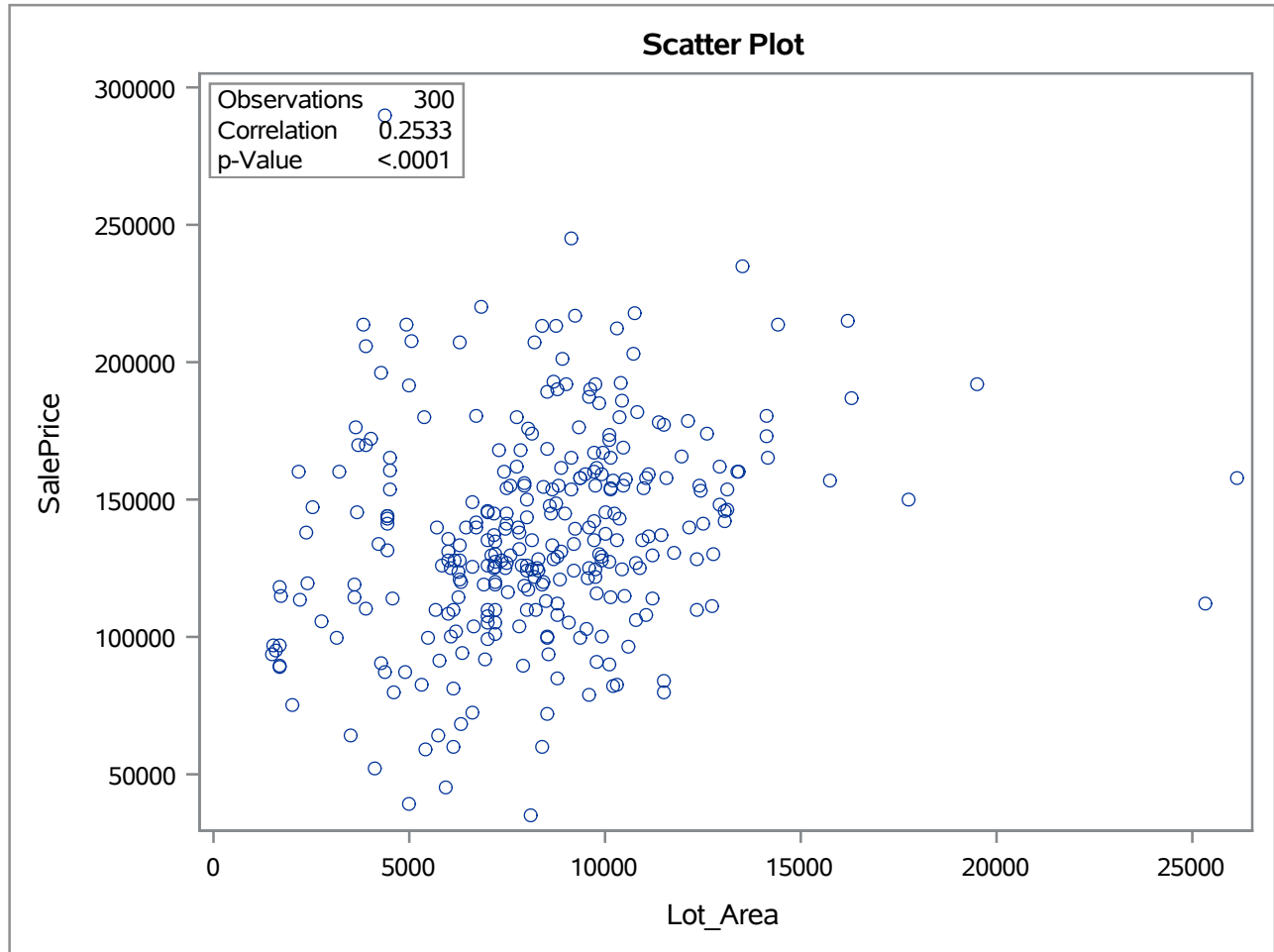
Pearson Correlation Coefficients, N = 300 Prob > r under H0: Rho=0								
SalePrice	Basement_Area 0.68956 <.0001	Gr_Liv_Area 0.65046 <.0001	Age_Sold -0.61542 <.0001	Total_Bathroom 0.60043 <.0001	Garage_Area 0.57892 <.0001	Deck_Porch_Area 0.43989 <.0001	Lot_Area 0.25335 <.0001	Bedroom_AbvGr 0.16594 0.0040

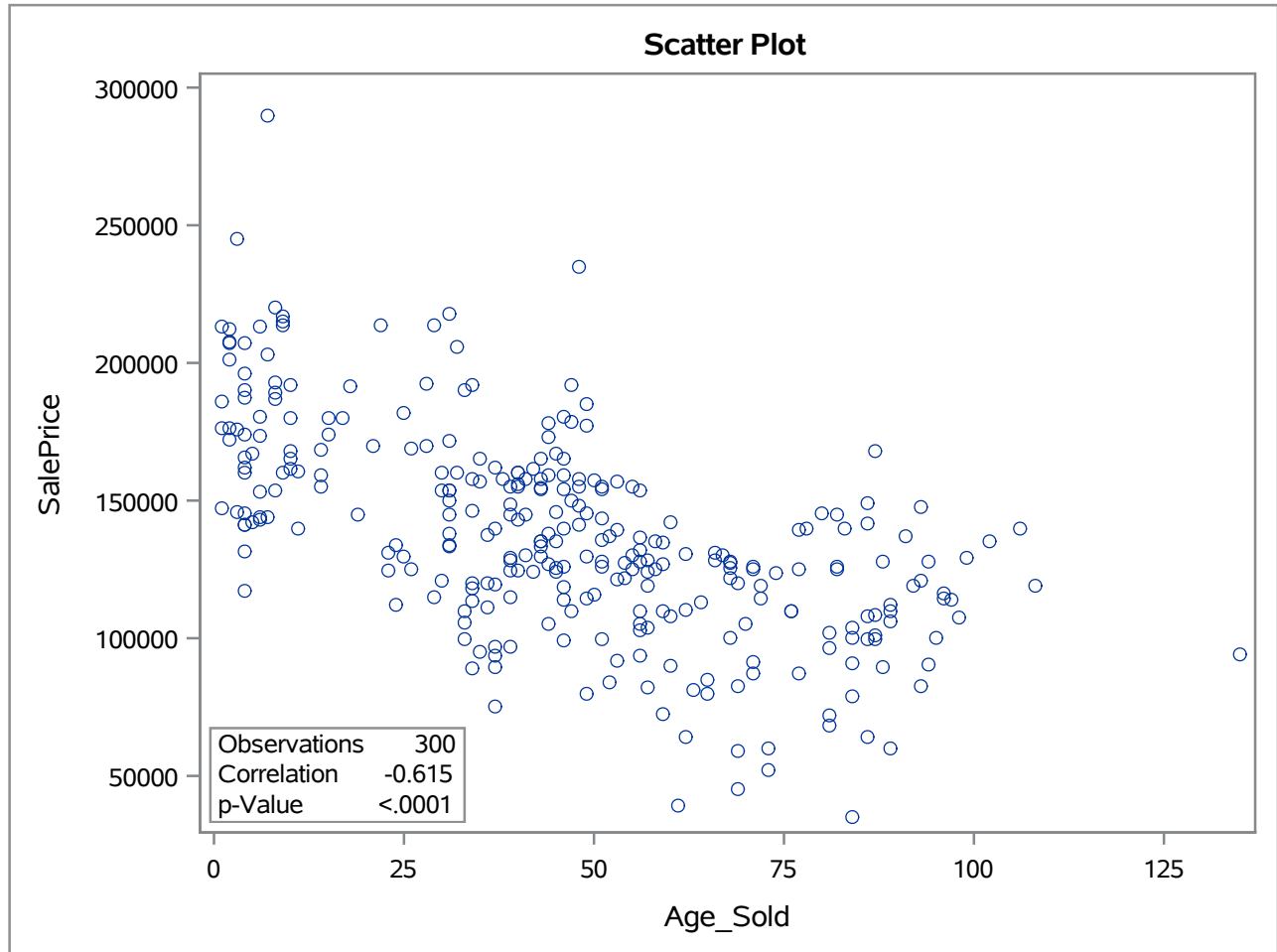
correlation and Scatter plot with Salesprice**The CORR Procedure**

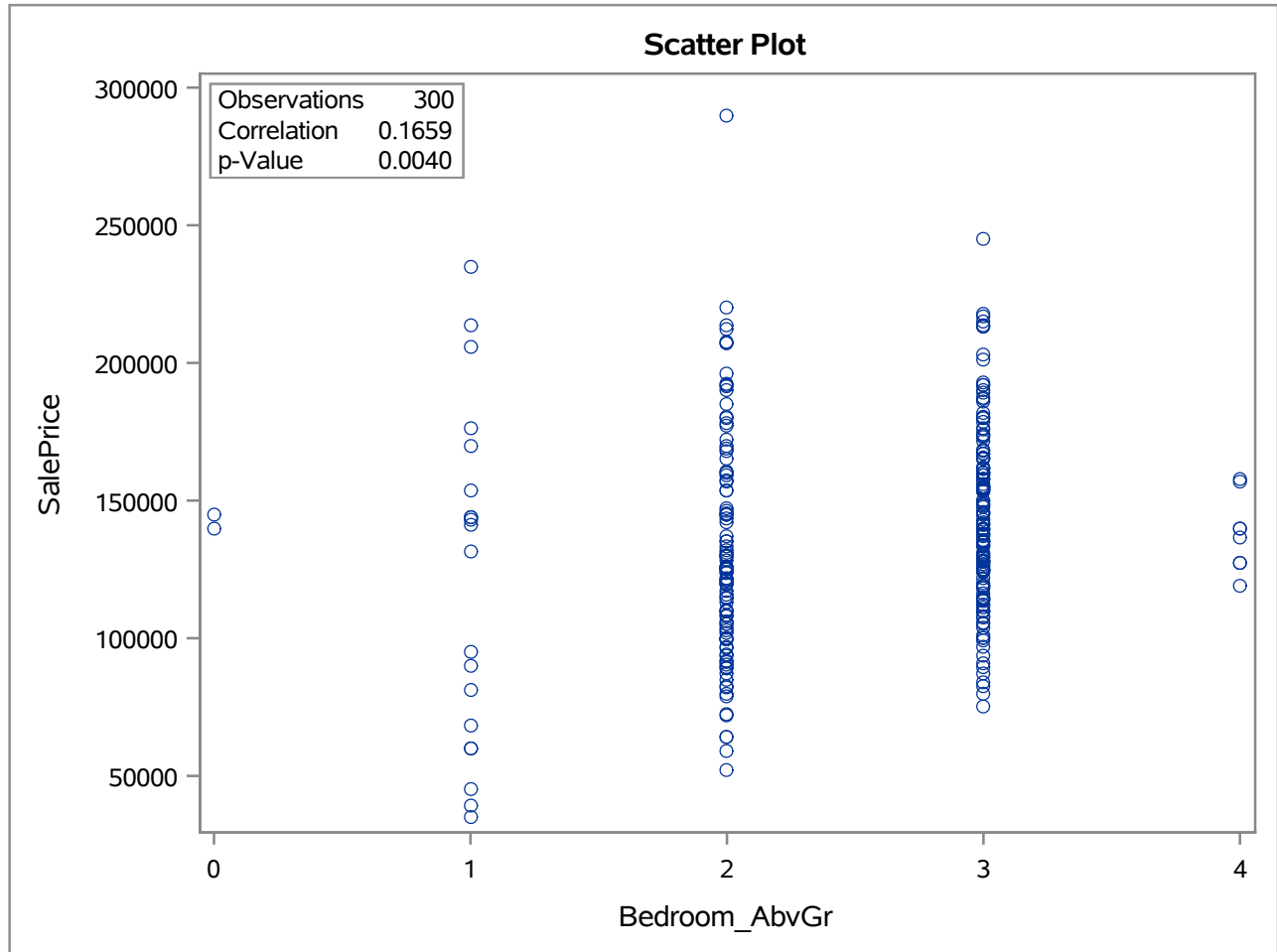
correlation and Scatter plot with Salesprice**The CORR Procedure**

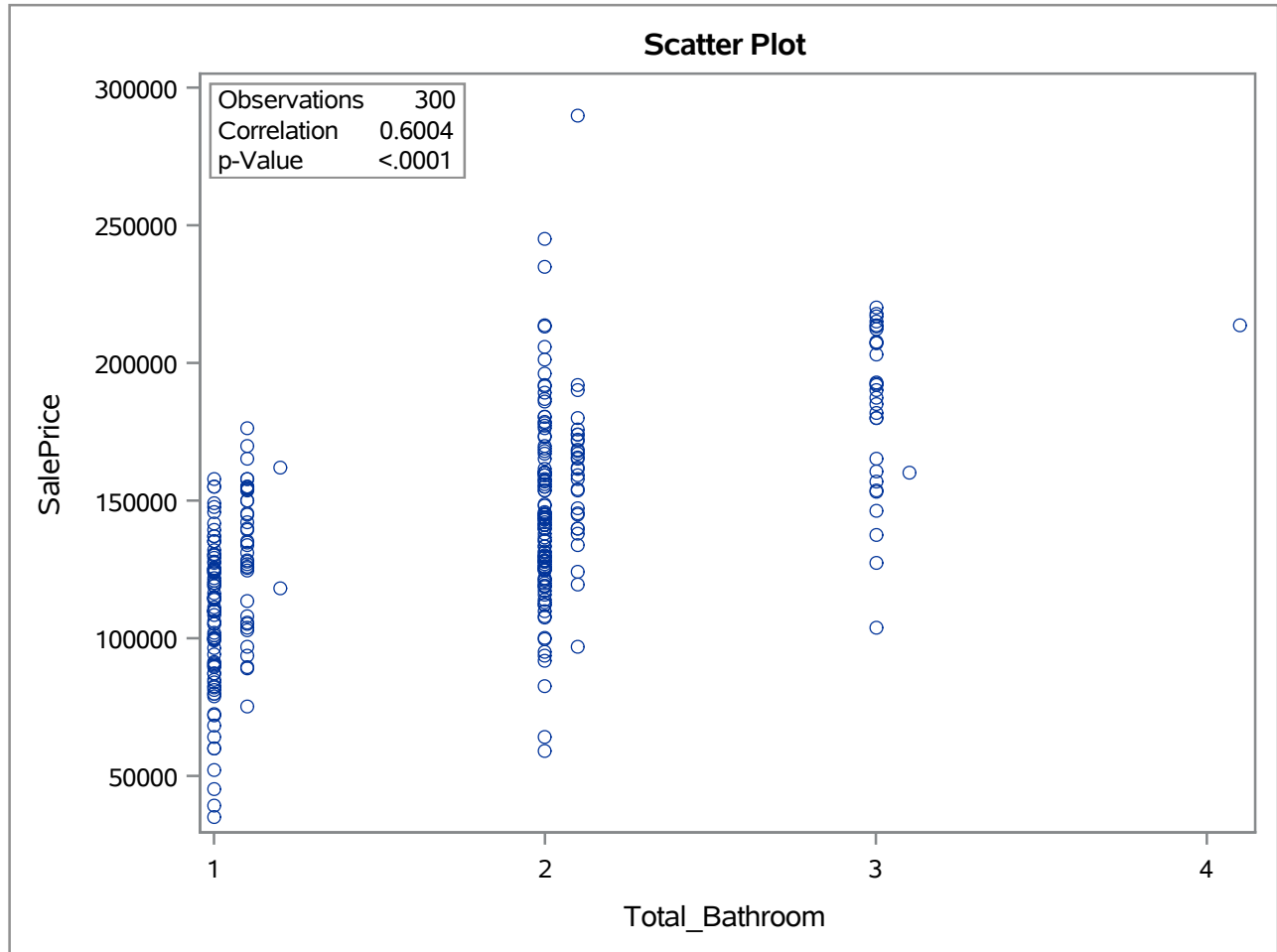
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Correlation and Scatter Plot Matrix of Predictors

The CORR Procedure

8 Variables:	Gr_Liv_Area	Basement_Area	Garage_Area	Deck_Porch_Area	Lot_Area	Age_Sold	Bedroom_AbvGr	Total_Bathroom
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Pearson Correlation Coefficients, N = 300 Prob > r under H0: Rho=0			
Gr_Liv_Area	Gr_Liv_Area 1.00000	Bedroom_AbvGr 0.48431 <.0001	Basement_Area 0.43985 <.0001
Basement_Area	Basement_Area 1.00000	Total_Bathroom 0.48500 <.0001	Gr_Liv_Area 0.43985 <.0001
Garage_Area	Garage_Area 1.00000	Age_Sold -0.41346 <.0001	Total_Bathroom 0.36876 <.0001
Deck_Porch_Area	Deck_Porch_Area 1.00000	Basement_Area 0.33689 <.0001	Gr_Liv_Area 0.28058 <.0001
Lot_Area	Lot_Area 1.00000	Bedroom_AbvGr 0.29801 <.0001	Basement_Area 0.27198 <.0001
Age_Sold	Age_Sold 1.00000	Total_Bathroom -0.52889 <.0001	Garage_Area -0.41346 <.0001
Bedroom_AbvGr	Bedroom_AbvGr 1.00000	Gr_Liv_Area 0.48431 <.0001	Lot_Area 0.29801 <.0001
Total_Bathroom	Total_Bathroom 1.00000	Age_Sold -0.52889 <.0001	Basement_Area 0.48500 <.0001

Simple Regression with Lot Area as Regressor or Predictors

The REG Procedure
 Model: MODEL1
 Dependent Variable: SalePrice

Number of Observations Read	300
Number of Observations Used	300

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	27164711173	27164711173	20.44	<.0001
Error	298	3.960588E11	1329056404		
Corrected Total	299	4.232235E11			

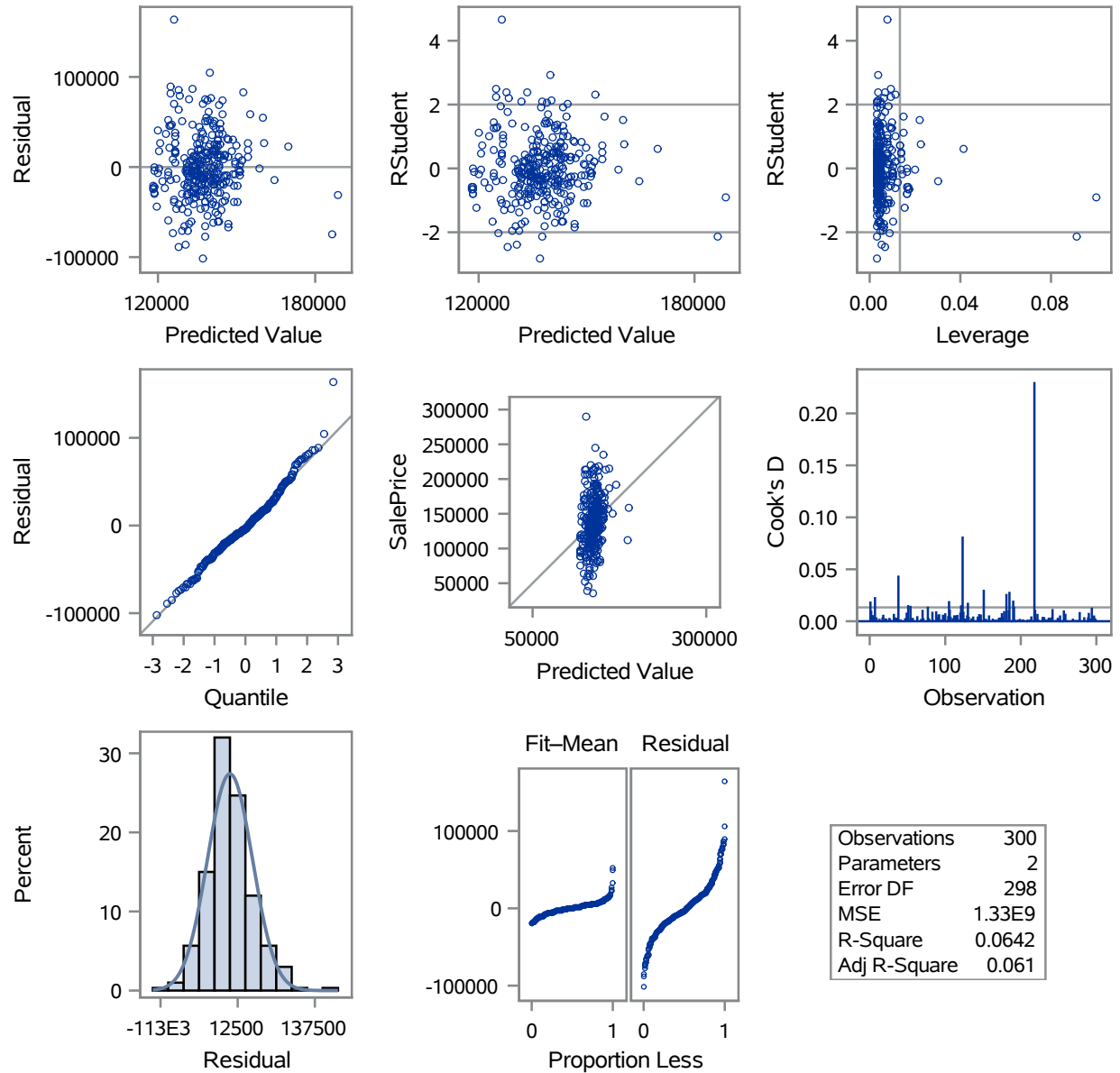
Root MSE	36456	R-Square	0.0642
Dependent Mean	137525	Adj R-Sq	0.0610
Coeff Var	26.50882		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	113740	5666.48352	20.07	<.0001
Lot_Area	1	2.86770	0.63431	4.52	<.0001

Simple Regression with Lot Area as Regressor or Predictors

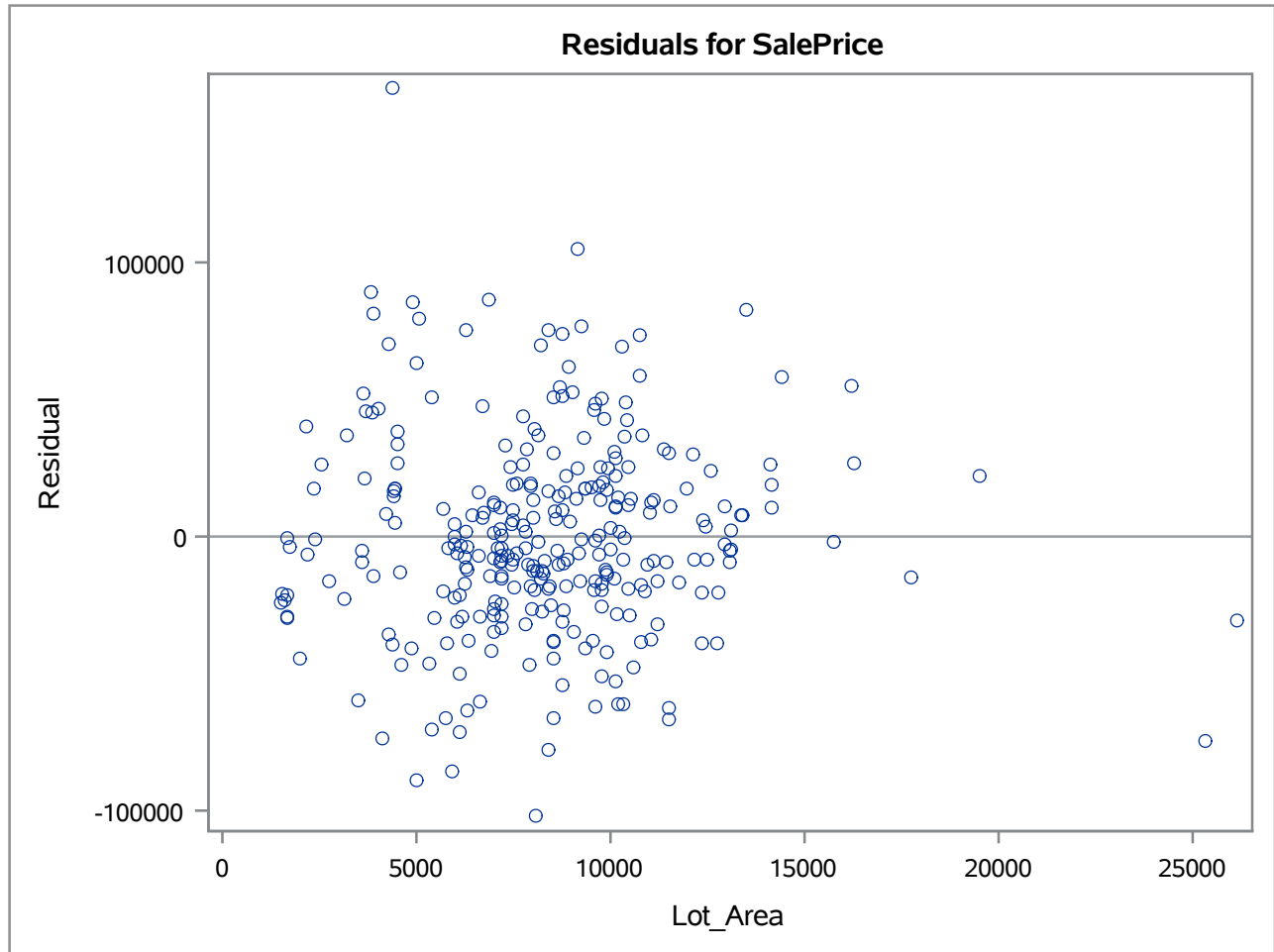
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

Fit Diagnostics for SalePrice



Simple Regression with Lot Area as Regressor or Predictors

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Simple Regression with Lot Area as Regressor or Predictors

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

