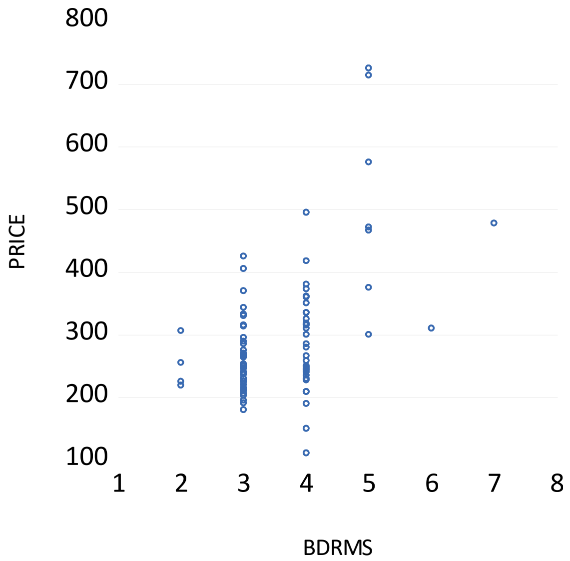
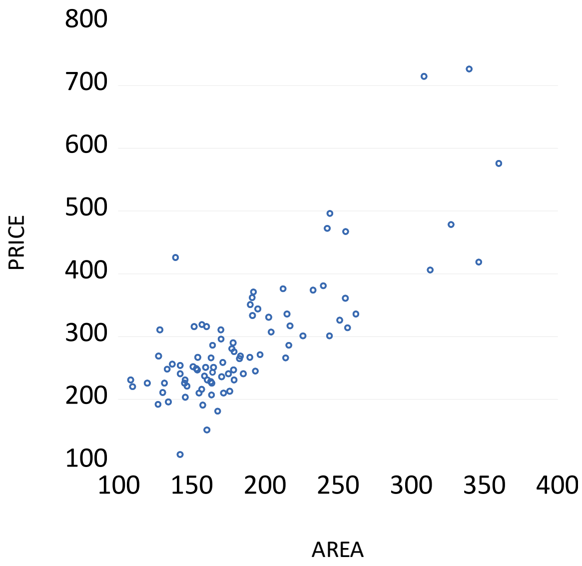
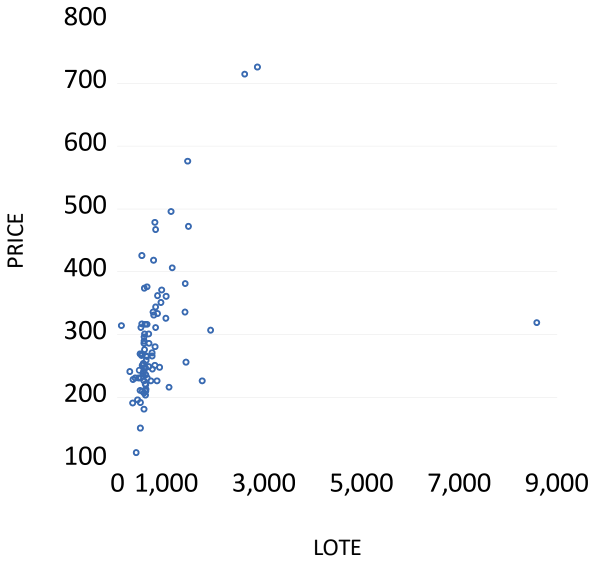
Functional form and interpretation of the coefficients

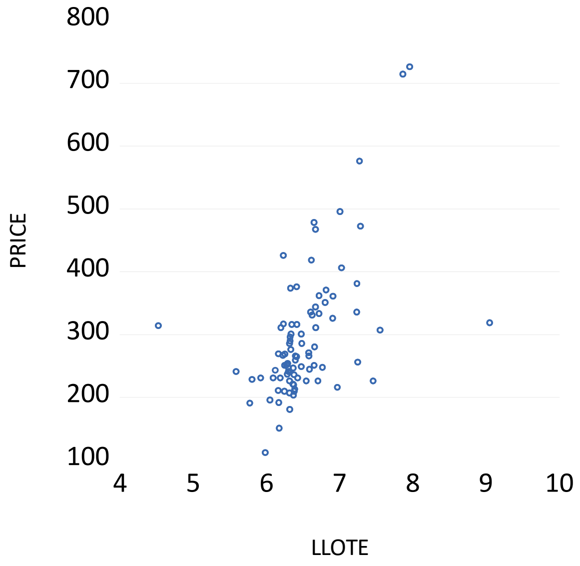
file: hprice1.wf1

```
1. price                     house price, $1000s
2. assess                    assessed value, $1000s
3. bdrms                     number of bedrooms
4. lote                      size of lot in squared meters
5. area                      size of house in squared meters
```









Simple Regression Model

Dependent Variable: PRICE
Method: Least Squares
Included observations: 88

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	11.20414	24.74261	0.452828	0.6518
AREA	1.509218	0.127193	11.86555	0.0000

R-squared	0.620797	Mean dependent var	293.5460
Adjusted R-squared	0.616387	S.D. dependent var	102.7134
S.E. of regression	63.61708	Akaike info criterion	11.16611
Sum squared resid	348053.4	Schwarz criterion	11.22241
F-statistic	140.7913	Durbin-Watson stat	1.728723
Prob(F-statistic)	0.000000		

LEVEL-LEVEL

Dependent Variable: PRICE
Method: Least Squares
Included observations: 88

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-21.77031	29.47504	-0.738601	0.4622
AREA	1.321573	0.142486	9.275093	0.0000
LOTE	0.022257	0.006912	3.220096	0.0018
BDRMS	13.85252	9.010145	1.537436	0.1279

R-squared	0.672362	Mean ependente var	293.5460
Adjusted R-squared	0.660661	S.D. ependente var	102.7134
S.E. of regression	59.83348	Akaike info criterion	11.06540
Sum squared resid	300723.8	Schwarz criterion	11.17800
F-statistic	57.46023	Durbin-Watson stat	2.109796
Prob(F-statistic)	0.000000		

LOG-LOG and LOG-LEVEL

Dependent Variable: LOG(PRICE)
Method: Least Squares
Included observations: 88

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.765971	0.440114	1.740395	0.0855
LOG(LOTE)	0.167967	0.038281	4.387714	0.0000
LOG(AREA)	0.700232	0.092865	7.540306	0.0000
BDRMS	0.036958	0.027531	1.342415	0.1831

R-squared	0.642965	Mean dependent var	5.633180
Adjusted R-squared	0.630214	S.D. dependent var	0.303573
S.E. of regression	0.184603	Akaike info criterion	-0.496833
Sum squared resid	2.862563	Schwarz criterion	-0.384227
F-statistic	50.42374	Durbin-Watson stat	2.088996
Prob(F-statistic)	0.000000		

LEVEL-LOG

Dependent Variable: PRICE
Method: Least Squares
Included observations: 88

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1345.802	141.4617	-9.513543	0.0000
LOG(LOTE)	61.45707	12.30436	4.994739	0.0000
LOG(AREA)	224.9734	29.84882	7.537093	0.0000
BDRMS	19.35056	8.849135	2.186718	0.0315

R-squared	0.677797	Mean dependent var	293.5460
Adjusted R-squared	0.666290	S.D. dependent var	102.7134
S.E. of regression	59.33513	Akaike info criterion	11.04867
Sum squared resid	295735.3	Schwarz criterion	11.16128
Log likelihood	-482.1415	Hannan-Quinn criter.	11.09404
F-statistic	58.90179	Durbin-Watson stat	2.241032
Prob(F-statistic)	0.000000		