

Regressionsanalyse
Einfache lineare Regressionsanalyse
Ratten

The REG Procedure
Model: MODEL1
Dependent Variable: time

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	127.73694	127.73694	25.07	0.0002
Error	14	71.32056	5.09433		
Corrected Total	15	199.05750			

Root MSE	2.25706	R-Square	0.6417
Dependent Mean	5.88750	Adj R-Sq	0.6161
Coeff Var	38.33650		

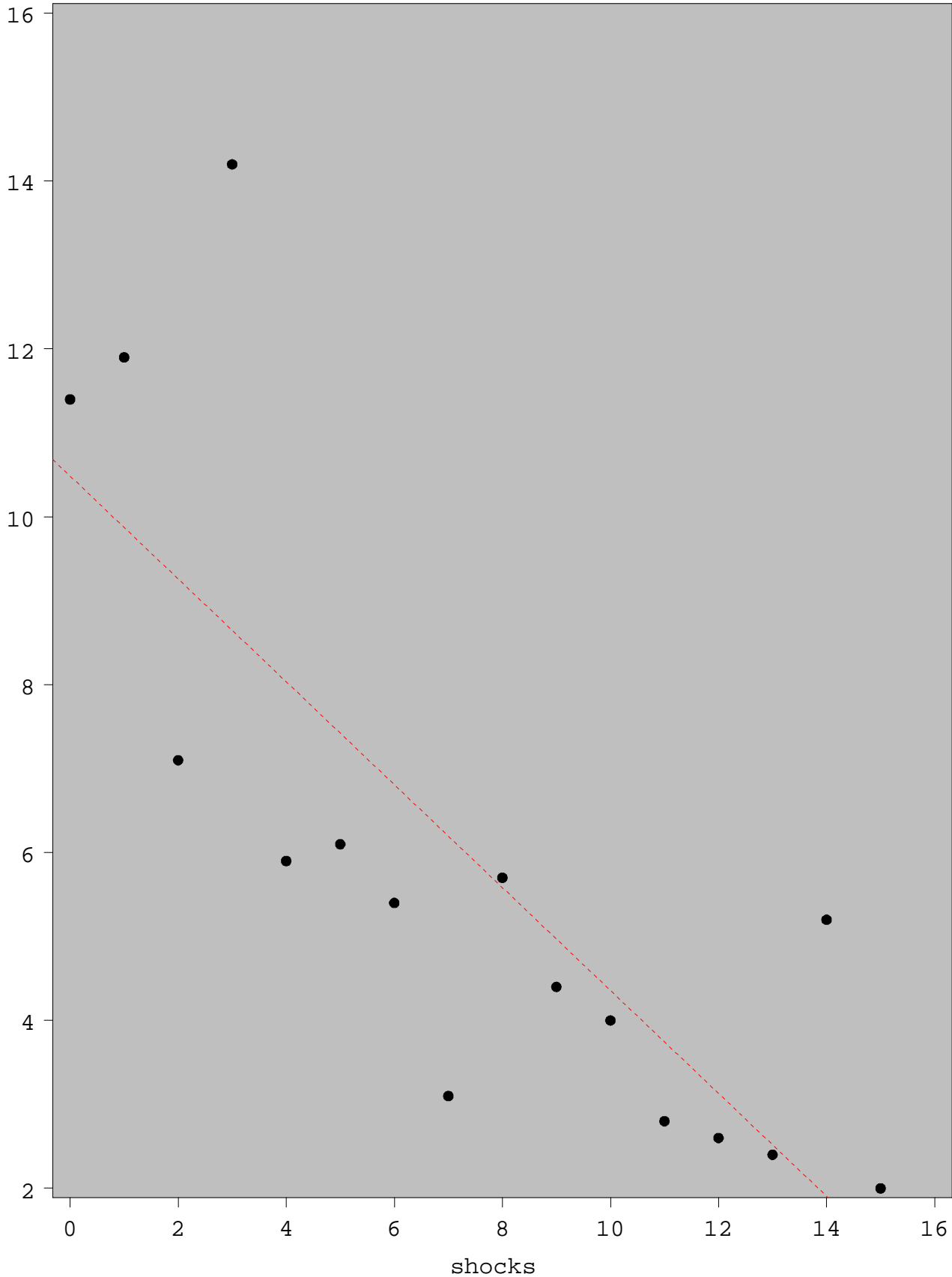
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	10.48456	1.07759	9.73	<.0001
shocks	1	-0.61294	0.12241	-5.01	0.0002

Regressionsanalyse

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time = 10.485 - 0.6129 shocks

N
16
Rsq
0.6417
AdjRsq
0.6161
RMSE
2.2571



Plot ● ● ● time*shocks

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Obs	erg
1	0.6775

Regressionsanalyse
Multivariate lineare Regressionsanalyse
Mietdaten

The REG Procedure
Model: MODEL1
Dependent Variable: nm

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	11	114856301	10441482	2434.92	<.0001
Error	2041	8752275	4288.22858		
Corrected Total	2052	123608575			

Root MSE	65.48457	R-Square	0.9292
Dependent Mean	570.09298	Adj R-Sq	0.9288
Coeff Var	11.48665		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-951.21284	127.54982	-7.46	<.0001
nmqm	1	64.95825	0.69207	93.86	<.0001
wfl	1	8.24222	0.11153	73.90	<.0001
rooms	1	3.39380	2.77905	1.22	0.2221
bj	1	0.20032	0.06497	3.08	0.0021
wohngut	1	-5.80973	3.11621	-1.86	0.0624
wohnbest	1	28.09515	10.11055	2.78	0.0055
ww0	1	-46.95048	9.34145	-5.03	<.0001
zh0	1	11.01018	6.36769	1.73	0.0839
badkach0	1	4.49926	3.81007	1.18	0.2378
badextra	1	8.94658	5.25133	1.70	0.0886
kueche	1	28.70492	5.76236	4.98	<.0001

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The REG Procedure
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Test 1 Results for Dependent Variable nm				
Source	DF	Mean Square	F Value	Pr > F
Numerator	2	13837	3.23	0.0399
Denominator	2041	4288.22858		