OBS	나이	발생 건수	사망자수	부상자수	중상	경상	부상신고
1	12세이	398	0	434	77	230	127
2	13-20세	6256	97	8986	1997	5824	1165
3	21-30세	28727	420	44204	9587	31478	3139
4	31-40세	33618	511	50796	11405	36228	3163
5	41-50세	42204	636	63137	14389	44858	3890
6	51-60세	53631	940	80116	18822	56770	4524
7	61-64세	18095	330	27142	6257	19309	1576
8	65세이	30012	843	43469	11073	29713	2683
9	불명	4207	4	4753	651	3101	1001

FREQ 프로시저

빈도
기대값

테이블 age * injury_type				
	injury_type			
age	serious	slight	declare	합계
13_20	1997 2045.5	5824 6368.8	1165 571.72	8986
21_30	9587 10062	31478 31329	3139 2812.4	44204
31_40	11405 11563	36228 36002	3163 3231.8	50796
41_50	14389 14372	44858 44748	3890 4017	63137
51_60	18822 18237	56770 56782	4524 5097.2	80116
61_64	6257 6178.3	19309 19237	1576 1726.9	27142
합계	62457	194467	17457	274381

age * injury_type 테이블에 대한 통계량

통계량	자유도	값	Prob
카이제곱	10	831.5246	<.0001
우도비 카이제곱	10	691.0583	<.0001
Mantel-Haenszel 카이제곱	1	210.0817	<.0001
파이 계수		0.0551	
우발성 계수		0.0550	
크래머의 V		0.0389	

표본 크기 = 274381

OBS	min_age	max_age	total_accident	deaths	age	death_rate
1	13	20	6256	97	16.5	0.015505
2	21	30	28727	420	25.5	0.014620
3	31	40	33618	511	35.5	0.015200
4	41	50	42204	636	45.5	0.015070
5	51	60	53631	940	55.5	0.017527
6	61	64	18095	330	62.5	0.018237

The REG Procedure
Model: MODEL1
Dependent Variable: death_rate

Number of Observations Read	6
Number of Observations Used	6

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.00000695	0.00000695	6.89	0.0586
Error	4	0.00000404	0.00000101		
Corrected Total	5	0.00001099			

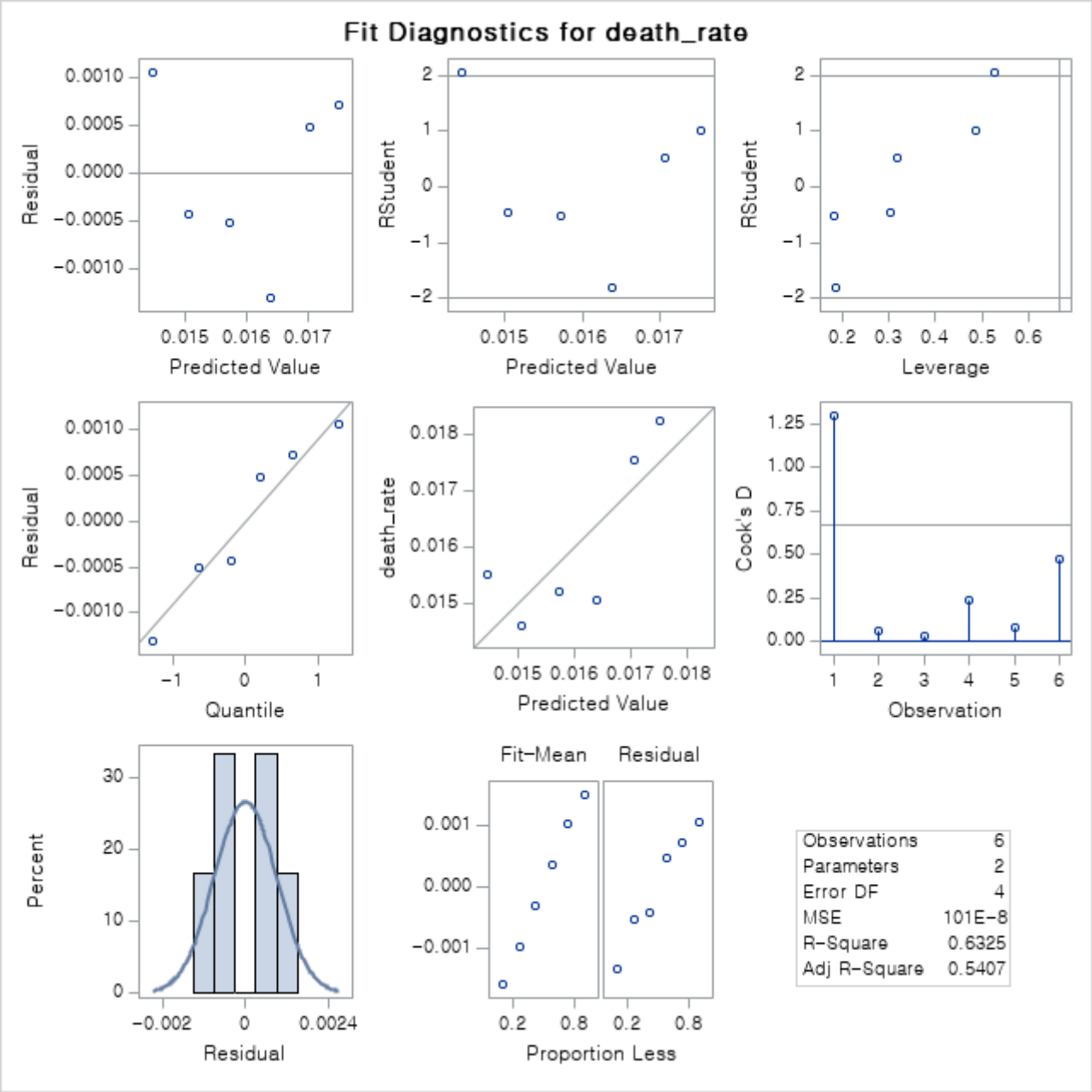
Root MSE	0.00100	R-Square	0.6325
Dependent Mean	0.01603	Adj R-Sq	0.5407
Coeff Var	6.26841		

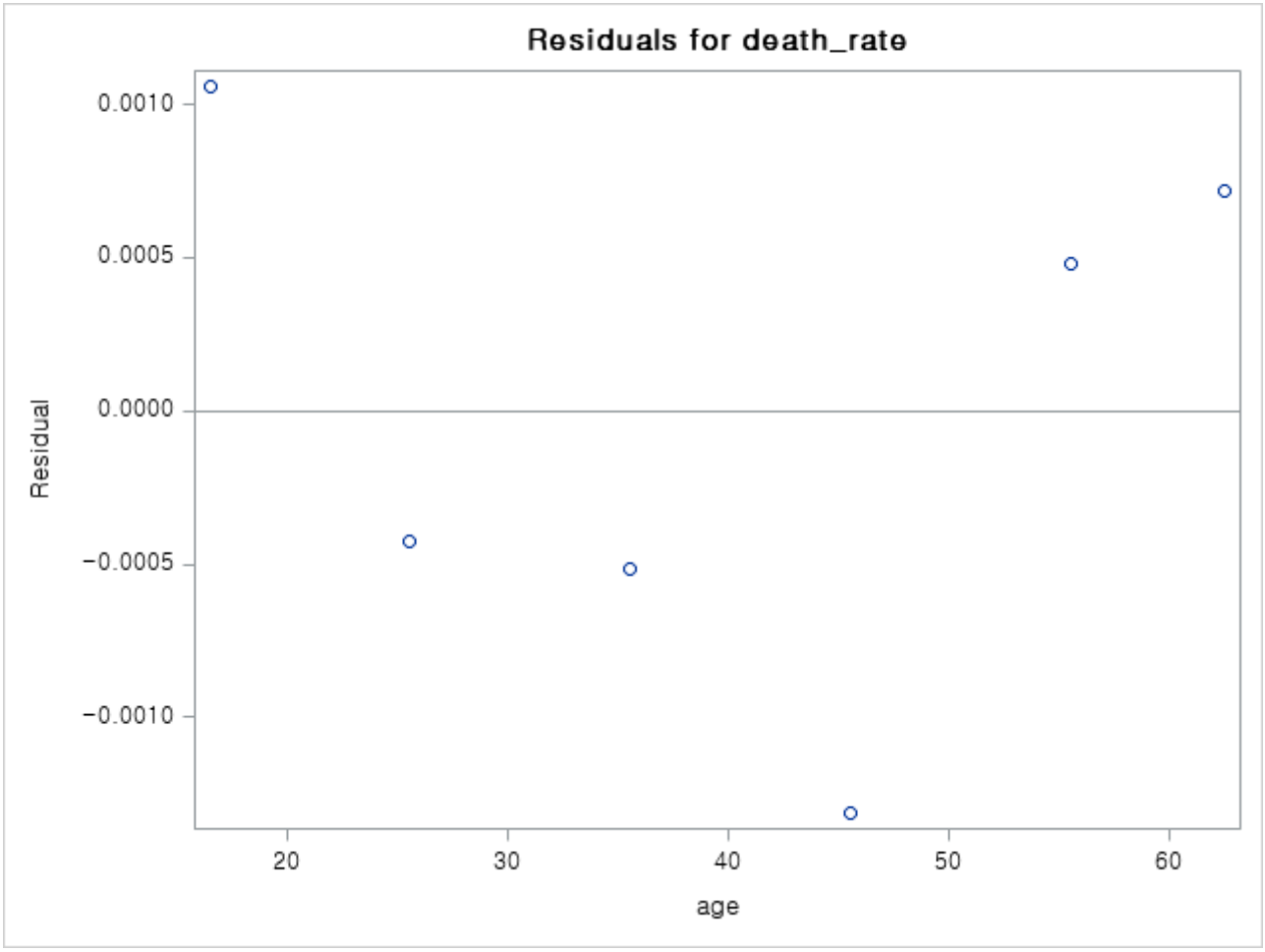
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	0.01335	0.00110	12.12	0.0003
age	1	0.00006676	0.00002544	2.62	0.0586

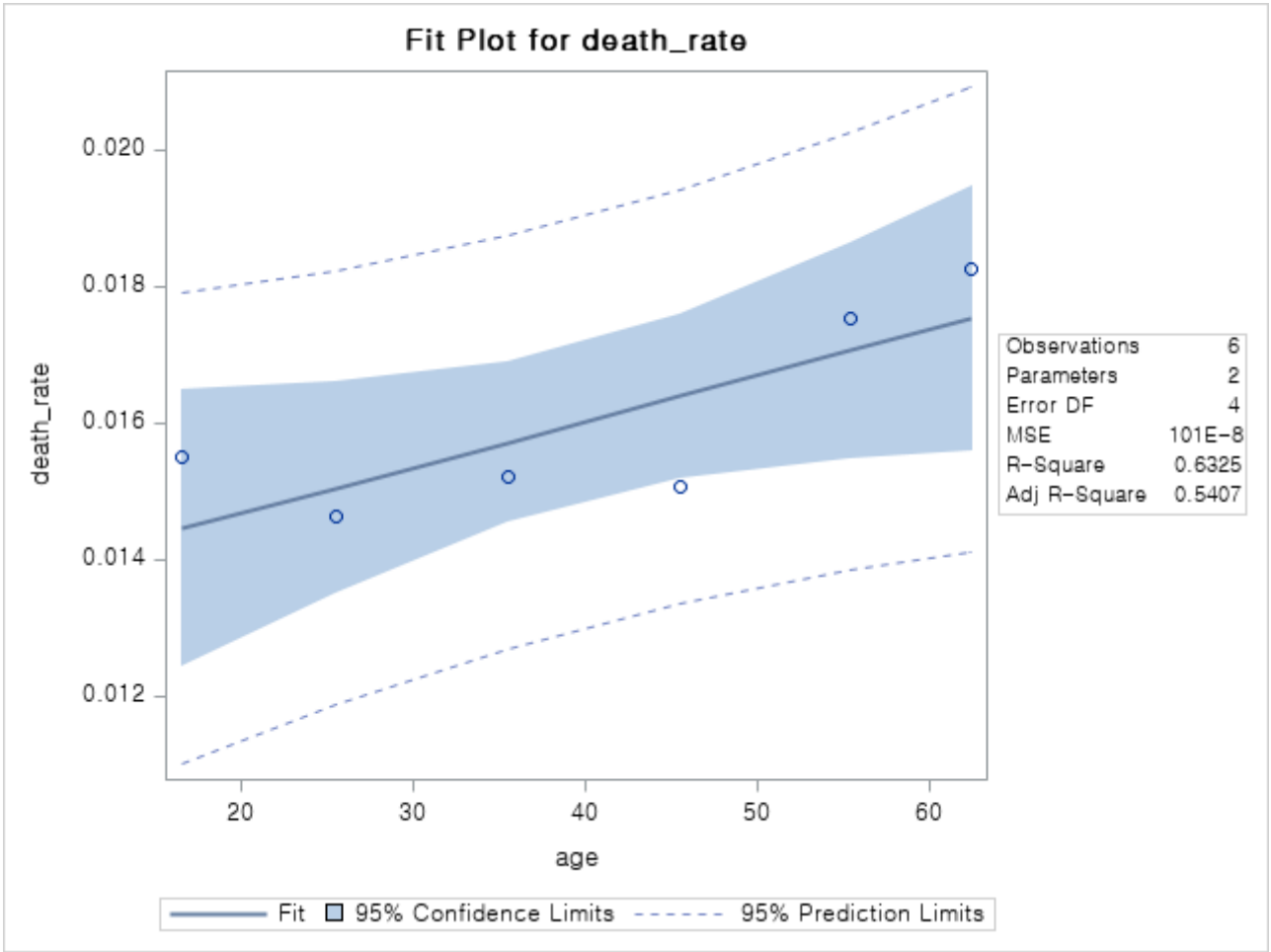
The REG Procedure
Model: MODEL1
Dependent Variable: death_rate

Durbin-Watson D	1.515
Number of Observations	6
1st Order Autocorrelation	0.040

The REG Procedure
Model: MODEL1
Dependent Variable: death_rate


Fit Diagnostics for death_rate
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
death_rate
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 6
Parameters 2
Error DF 4
MSE 101E-8
R-Square 0.6325
Adj R-Square 0.5407


Residuals for death_rate
Residual
0.0010
0.0005
0.0000
−0.0005
−0.0010
20
30
40
50
60
age


Fit Plot for death_rate
death_rate
0.020
0.018
0.016
0.014
0.012
20
30
40
50
60
age
Observations 6
Parameters 2
Error DF 4
MSE 101E−8
R-Square 0.6325
Adj R-Square 0.5407
Fit
95% Confidence Limits
95% Prediction Limits