

U.S. Population Sums of Squares

Response: Population
Explanatory: Year

Summary of Fit

RSquare **0.922**
RSquare Adj 0.918

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	113745.91	113746	224.3268
Error	19	9634.04	507	Prob > F
C. Total	20	123379.94		<.0001

Response: Population
Explanatory: Year*Year

Summary of Fit

RSquare **0.929**
RSquare Adj 0.926

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	114663.06	114663	249.9285
Error	19	8716.89	459	Prob > F
C. Total	20	123379.94		<.0001

Response: Population
Explanatory: Year, Year*Year

Summary of Fit

RSquare **0.999**
RSquare Adj 0.999

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	2	123242.17	61621.1	8050.895
Error	18	137.77	7.7	Prob > F
C. Total	20	123379.94		<.0001

Effect Tests

Source	DF	Sum of Squares	F Ratio	Prob > F
Year	1	8579.1144	1120.875	<.0001
Year*Year	1	9496.2650	1240.702	<.0001

Response: Population
Explanatory: YearCtr

Summary of Fit

RSquare	0.922
RSquare Adj	0.918

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	113745.91	113746	224.3268
Error	19	9634.04	507	Prob > F
C. Total	20	123379.94		<.0001

Response: Population
Explanatory: YearCtr*YearCtr

Summary of Fit

RSquare	0.077
RSquare Adj	0.028

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	9496.27	9496.27	1.5843
Error	19	113883.68	5993.88	Prob > F
C. Total	20	123379.94		0.2234

Response: Population
Explanatory: YearCtr, YearCtr*YearCtr

Summary of Fit

RSquare	0.999
RSquare Adj	0.999

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	2	123242.17	61621.1	8050.895
Error	18	137.77	7.7	Prob > F
C. Total	20	123379.94		<.0001

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
YearCtr	1	1	113745.91	14861.09	<.0001
YearCtr*YearCtr	1	1	9496.27	1240.702	<.0001