

```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA CHANGE
/CRITERIA=PIN(.05) POUT(.20)
/NOORIGIN
/DEPENDENT CO
/METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM
/SCATTERPLOT=(CO ,*ZPRED) .

```

## Regression

### Notes

Output Created		15-MAY-2022 19:43:...
Comments		
Input	Data	/Users/bigtrax/Dropbox /Lab/manuscripts/Brain Sciences Speech Psychophysics/Revision Spring 2022/stats/deidentified data.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	41
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.20) /NOORIGIN /DEPENDENT CO /METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM /SCATTERPLOT=(CO , *ZPRED).

## Notes

Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.00
	Memory Required	10464 bytes
	Additional Memory Required for Residual Plots	112 bytes

## Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	STM, Age, TM, DioFM, PTA, DichFM, TGap, SM <sup>b</sup>	.	Enter
2	.	DioFM	Backward (criterion: Probability of F-to-remove >= .200).
3	.	TGap	Backward (criterion: Probability of F-to-remove >= .200).
4	.	TM	Backward (criterion: Probability of F-to-remove >= .200).
5	.	STM	Backward (criterion: Probability of F-to-remove >= .200).
6	.	PTA	Backward (criterion: Probability of F-to-remove >= .200).
7	.	SM	Backward (criterion: Probability of F-to-remove >= .200).

### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
8	.	Age	Backward (criterion: Probability of F-to-remove ≥ .200).
9	.	DichFM	Backward (criterion: Probability of F-to-remove ≥ .200).

a. Dependent Variable: CO

b. All requested variables entered.

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.274 <sup>a</sup>	.075	-.156	1.30368	.075	.325	8
2	.274 <sup>b</sup>	.075	-.121	1.28379	.000	.000	1
3	.265 <sup>c</sup>	.070	-.094	1.26810	-.005	.174	1
4	.252 <sup>d</sup>	.063	-.070	1.25444	-.007	.250	1
5	.243 <sup>e</sup>	.059	-.046	1.23996	-.005	.173	1
6	.224 <sup>f</sup>	.050	-.027	1.22879	-.009	.337	1
7	.201 <sup>g</sup>	.040	-.010	1.21874	-.010	.380	1
8	.129 <sup>h</sup>	.017	-.009	1.21774	-.024	.936	1
9	.000 <sup>i</sup>	.000	.000	1.21255	-.017	.660	1

## Model Summary

Model	Change Statistics	
	df2	Sig. F Change
1	32	.950
2	32	.984
3	33	.679
4	34	.620
5	35	.680
6	36	.565
7	37	.541
8	38	.339
9	39	.422

- a. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM
- b. Predictors: (Constant), STM, Age, TM, PTA, DichFM, TGap, SM
- c. Predictors: (Constant), STM, Age, TM, PTA, DichFM, SM
- d. Predictors: (Constant), STM, Age, PTA, DichFM, SM
- e. Predictors: (Constant), Age, PTA, DichFM, SM
- f. Predictors: (Constant), Age, DichFM, SM
- g. Predictors: (Constant), Age, DichFM
- h. Predictors: (Constant), DichFM
- i. Predictor: (constant)

# ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4.424	8	.553	.325	.950 <sup>b</sup>
	Residual	54.387	32	1.700		
	Total	58.811	40			
2	Regression	4.423	7	.632	.383	.905 <sup>c</sup>
	Residual	54.388	33	1.648		
	Total	58.811	40			
3	Regression	4.137	6	.689	.429	.855 <sup>d</sup>
	Residual	54.674	34	1.608		
	Total	58.811	40			
4	Regression	3.734	5	.747	.475	.793 <sup>e</sup>
	Residual	55.077	35	1.574		
	Total	58.811	40			
5	Regression	3.461	4	.865	.563	.691 <sup>f</sup>
	Residual	55.350	36	1.537		
	Total	58.811	40			
6	Regression	2.943	3	.981	.650	.588 <sup>g</sup>
	Residual	55.868	37	1.510		
	Total	58.811	40			
7	Regression	2.369	2	1.184	.797	.458 <sup>h</sup>
	Residual	56.442	38	1.485		
	Total	58.811	40			
8	Regression	.978	1	.978	.660	.422 <sup>i</sup>
	Residual	57.833	39	1.483		
	Total	58.811	40			
9	Regression	.000	0	.000	.	. <sup>j</sup>
	Residual	58.811	40	1.470		
	Total	58.811	40			

a. Dependent Variable: CO

b. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM

c. Predictors: (Constant), STM, Age, TM, PTA, DichFM, TGap, SM

d. Predictors: (Constant), STM, Age, TM, PTA, DichFM, SM

e. Predictors: (Constant), STM, Age, PTA, DichFM, SM

f. Predictors: (Constant), Age, PTA, DichFM, SM

g. Predictors: (Constant), Age, DichFM, SM

h. Predictors: (Constant), Age, DichFM

i. Predictors: (Constant), DichFM

i. Predictors: (Constant), DichFM

j. Predictor: (constant)

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.174	1.350		2.351	.025
	Age	-.018	.018	-.242	-.998	.326
	PTA	.017	.025	.160	.703	.487
	DichFM	-.008	.410	-.004	-.020	.984
	DichFM	.270	.198	.318	1.361	.183
	TGap	-.076	.213	-.086	-.358	.723
	TM	-.109	.232	-.090	-.470	.642
	SM	-.205	.279	-.187	-.734	.468
	STM	.148	.253	.157	.586	.562
2	(Constant)	3.153	.852		3.702	.001
	Age	-.018	.017	-.241	-1.016	.317
	PTA	.017	.024	.160	.716	.479
	DichFM	.269	.187	.317	1.434	.161
	TGap	-.078	.187	-.088	-.417	.679
	TM	-.109	.228	-.090	-.480	.635
	SM	-.205	.275	-.187	-.745	.461
	STM	.148	.248	.156	.596	.555
3	(Constant)	3.105	.834		3.725	.001
	Age	-.016	.017	-.223	-.967	.340
	PTA	.013	.022	.124	.609	.547
	DichFM	.251	.181	.296	1.393	.173
	TM	-.113	.225	-.093	-.500	.620
	SM	-.215	.270	-.197	-.797	.431
	STM	.122	.237	.129	.514	.610
4	(Constant)	2.915	.735		3.968	.000
	Age	-.015	.016	-.204	-.908	.370
	PTA	.012	.021	.106	.538	.594
	DichFM	.221	.168	.261	1.315	.197
	SM	-.215	.267	-.196	-.803	.427
	STM	.095	.228	.100	.416	.680
5	(Constant)	2.966	.716		4.141	.000
	Age	-.016	.016	-.221	-1.007	.320

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
6	PTA	.012	.021	.113	.580	.565
	DichFM	.209	.164	.246	1.276	.210
	SM	-.136	.186	-.124	-.729	.470
	(Constant)	2.892	.698		4.141	.000
	Age	-.011	.014	-.157	-.836	.409
	DichFM	.185	.157	.218	1.177	.247
	SM	-.111	.179	-.101	-.617	.541
7	(Constant)	2.765	.662		4.177	.000
	Age	-.013	.013	-.178	-.968	.339
	DichFM	.185	.156	.218	1.187	.243
8	(Constant)	2.158	.211		10.229	.000
	DichFM	.109	.135	.129	.812	.422
9	(Constant)	2.232	.189		11.788	.000

a. Dependent Variable: CO

### Excluded Variables<sup>a</sup>

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	DioFM	-.004 <sup>b</sup>	-.020	.984	-.004	.577
3	DioFM	-.040 <sup>c</sup>	-.205	.839	-.036	.722
	TGap	-.088 <sup>c</sup>	-.417	.679	-.072	.629
4	DioFM	-.047 <sup>d</sup>	-.243	.809	-.042	.726
	TGap	-.092 <sup>d</sup>	-.439	.663	-.075	.630
	TM	-.093 <sup>d</sup>	-.500	.620	-.086	.799
5	DioFM	-.027 <sup>e</sup>	-.143	.887	-.024	.767
	TGap	-.063 <sup>e</sup>	-.318	.752	-.054	.677
	TM	-.071 <sup>e</sup>	-.399	.693	-.067	.842
	STM	.100 <sup>e</sup>	.416	.680	.070	.460
6	DioFM	.006 <sup>f</sup>	.034	.973	.006	.842
	TGap	-.011 <sup>f</sup>	-.061	.951	-.010	.807
	TM	-.050 <sup>f</sup>	-.289	.774	-.048	.871
	STM	.111 <sup>f</sup>	.467	.644	.078	.463
	PTA	.113 <sup>f</sup>	.580	.565	.096	.686

### Excluded Variables<sup>a</sup>

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
7	DioFM	-.023 <sup>g</sup>	-.136	.892	-.022	.911
	TGap	-.051 <sup>g</sup>	-.316	.754	-.052	.982
	TM	-.073 <sup>g</sup>	-.442	.661	-.072	.934
	STM	-.020 <sup>g</sup>	-.122	.903	-.020	.978
	PTA	.080 <sup>g</sup>	.425	.673	.070	.726
	SM	-.101 <sup>g</sup>	-.617	.541	-.101	.959
8	DioFM	-.021 <sup>h</sup>	-.122	.904	-.020	.911
	TGap	-.060 <sup>h</sup>	-.370	.713	-.060	.985
	TM	-.061 <sup>h</sup>	-.370	.713	-.060	.939
	STM	-.023 <sup>h</sup>	-.143	.887	-.023	.978
	PTA	-.022 <sup>h</sup>	-.137	.892	-.022	.998
	SM	-.125 <sup>h</sup>	-.780	.440	-.125	.990
	Age	-.178 <sup>h</sup>	-.968	.339	-.155	.750
9	DioFM	.020 <sup>i</sup>	.123	.903	.020	1.000
	TGap	-.043 <sup>i</sup>	-.272	.787	-.043	1.000
	TM	-.026 <sup>i</sup>	-.160	.873	-.026	1.000
	STM	-.042 <sup>i</sup>	-.261	.796	-.042	1.000
	PTA	-.016 <sup>i</sup>	-.098	.922	-.016	1.000
	SM	-.111 <sup>i</sup>	-.695	.491	-.111	1.000
	Age	-.069 <sup>i</sup>	-.429	.670	-.069	1.000
	DichFM	.129 <sup>i</sup>	.812	.422	.129	1.000

a. Dependent Variable: CO

b. Predictors in the Model: (Constant), STM, Age, TM, PTA, DichFM, TGap, SM

c. Predictors in the Model: (Constant), STM, Age, TM, PTA, DichFM, SM

d. Predictors in the Model: (Constant), STM, Age, PTA, DichFM, SM

e. Predictors in the Model: (Constant), Age, PTA, DichFM, SM

f. Predictors in the Model: (Constant), Age, DichFM, SM

g. Predictors in the Model: (Constant), Age, DichFM

h. Predictors in the Model: (Constant), DichFM

i. Predictor: (constant)



```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA CHANGE
/CRITERIA=PIN(.05) POUT(.20)
/NOORIGIN
/DEPENDENT SEP
/METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM
/SCATTERPLOT=(SEP ,*ZPRED) .

```

## Regression

### Notes

Output Created		15-MAY-2022 19:44:...
Comments		
Input	Data	/Users/bigtrax/Dropbox /Lab/manuscripts/Brain Sciences Speech Psychophysics/Revision Spring 2022/stats/deidentified data.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	41
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.20) /NOORIGIN /DEPENDENT SEP /METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM /SCATTERPLOT=(SEP , *ZPRED).
Resources	Processor Time	00:00:01.92
	Elapsed Time	00:00:03.00

## Notes

	Memory Required	10464 bytes
	Additional Memory Required for Residual Plots	112 bytes

## Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	STM, Age, TM, DioFM, PTA, DichFM, TGap, SM <sup>b</sup>	.	Enter
2	.	SM	Backward (criterion: Probability of F-to-remove >= .200).
3	.	TGap	Backward (criterion: Probability of F-to-remove >= .200).
4	.	DichFM	Backward (criterion: Probability of F-to-remove >= .200).
5	.	STM	Backward (criterion: Probability of F-to-remove >= .200).
6	.	TM	Backward (criterion: Probability of F-to-remove >= .200).

a. Dependent Variable: SEP

b. All requested variables entered.

### Model Summary<sup>g</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.648 <sup>a</sup>	.419	.274	3.10285	.419	2.889	8
2	.645 <sup>b</sup>	.416	.292	3.06453	-.003	.190	1
3	.642 <sup>c</sup>	.412	.308	3.02896	-.004	.215	1
4	.625 <sup>d</sup>	.391	.304	3.03832	-.021	1.217	1
5	.613 <sup>e</sup>	.376	.307	3.03256	-.015	.863	1
6	.604 <sup>f</sup>	.365	.313	3.01852	-.011	.658	1

### Model Summary<sup>g</sup>

Model	Change Statistics	
	df2	Sig. F Change
1	32	.015
2	32	.666
3	33	.646
4	34	.278
5	35	.359
6	36	.422

- a. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM
- b. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap
- c. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM
- d. Predictors: (Constant), STM, Age, TM, DioFM, PTA
- e. Predictors: (Constant), Age, TM, DioFM, PTA
- f. Predictors: (Constant), Age, DioFM, PTA
- g. Dependent Variable: SEP

# ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	222.531	8	27.816	2.889	.015 <sup>b</sup>
	Residual	308.085	32	9.628		
	Total	530.616	40			
2	Regression	220.702	7	31.529	3.357	.008 <sup>c</sup>
	Residual	309.914	33	9.391		
	Total	530.616	40			
3	Regression	218.679	6	36.446	3.973	.004 <sup>d</sup>
	Residual	311.937	34	9.175		
	Total	530.616	40			
4	Regression	207.516	5	41.503	4.496	.003 <sup>e</sup>
	Residual	323.100	35	9.231		
	Total	530.616	40			
5	Regression	199.546	4	49.886	5.425	.002 <sup>f</sup>
	Residual	331.070	36	9.196		
	Total	530.616	40			
6	Regression	193.492	3	64.497	7.079	.001 <sup>g</sup>
	Residual	337.124	37	9.111		
	Total	530.616	40			

a. Dependent Variable: SEP

b. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM

c. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap

d. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM

e. Predictors: (Constant), STM, Age, TM, DioFM, PTA

f. Predictors: (Constant), Age, TM, DioFM, PTA

g. Predictors: (Constant), Age, DioFM, PTA

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-10.133	3.213		-3.154	.003
	Age	.045	.042	.207	1.077	.289
	PTA	.100	.059	.306	1.698	.099
	DioFM	1.382	.976	.251	1.416	.166
	DichFM	.489	.472	.192	1.037	.308
	TGap	-.255	.507	-.096	-.503	.619
	TM	-.685	.553	-.187	-1.240	.224
	SM	.290	.665	.088	.436	.666
	STM	.401	.602	.141	.666	.510
2	(Constant)	-9.997	3.158		-3.165	.003
	Age	.048	.041	.219	1.171	.250
	PTA	.101	.058	.311	1.752	.089
	DioFM	1.358	.963	.247	1.411	.168
	DichFM	.519	.461	.204	1.124	.269
	TGap	-.231	.498	-.087	-.464	.646
	TM	-.686	.546	-.188	-1.257	.218
	STM	.570	.453	.201	1.257	.217
3	(Constant)	-9.618	3.015		-3.190	.003
	Age	.050	.040	.229	1.245	.222
	PTA	.093	.054	.286	1.711	.096
	DioFM	1.159	.852	.210	1.360	.183
	DichFM	.501	.455	.197	1.103	.278
	TM	-.686	.539	-.188	-1.273	.212
	STM	.502	.424	.177	1.184	.245
4	(Constant)	-11.355	2.580		-4.402	.000
	Age	.075	.033	.343	2.252	.031
	PTA	.073	.051	.224	1.421	.164
	DioFM	1.488	.800	.270	1.858	.072
	TM	-.514	.518	-.141	-.993	.328
	STM	.382	.411	.135	.929	.359
5	(Constant)	-11.297	2.574		-4.389	.000
	Age	.069	.033	.318	2.126	.040
	PTA	.081	.051	.249	1.605	.117
	DioFM	1.642	.782	.298	2.101	.043
	TM	-.409	.504	-.112	-.811	.422

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
6	(Constant)	-11.549	2.543		-4.541	.000
	Age	.070	.032	.321	2.152	.038
	PTA	.077	.050	.238	1.545	.131
	DioFM	1.482	.753	.269	1.969	.056

a. Dependent Variable: SEP

### Excluded Variables<sup>a</sup>

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	SM	.088 <sup>b</sup>	.436	.666	.077	.444
3	SM	.077 <sup>c</sup>	.388	.700	.067	.449
	TGap	-.087 <sup>c</sup>	-.464	.646	-.081	.508
4	SM	.108 <sup>d</sup>	.547	.588	.093	.460
	TGap	-.070 <sup>d</sup>	-.374	.711	-.064	.512
	DichFM	.197 <sup>d</sup>	1.103	.278	.186	.543
5	SM	.149 <sup>e</sup>	1.037	.307	.173	.838
	TGap	-.012 <sup>e</sup>	-.068	.946	-.011	.567
	DichFM	.143 <sup>e</sup>	.822	.417	.138	.582
	STM	.135 <sup>e</sup>	.929	.359	.155	.830
6	SM	.124 <sup>f</sup>	.876	.387	.144	.866
	TGap	-.025 <sup>f</sup>	-.144	.886	-.024	.572
	DichFM	.103 <sup>f</sup>	.609	.546	.101	.616
	STM	.103 <sup>f</sup>	.731	.470	.121	.871
	TM	-.112 <sup>f</sup>	-.811	.422	-.134	.910

a. Dependent Variable: SEP

b. Predictors in the Model: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap

c. Predictors in the Model: (Constant), STM, Age, TM, DioFM, PTA, DichFM

d. Predictors in the Model: (Constant), STM, Age, TM, DioFM, PTA

e. Predictors in the Model: (Constant), Age, TM, DioFM, PTA

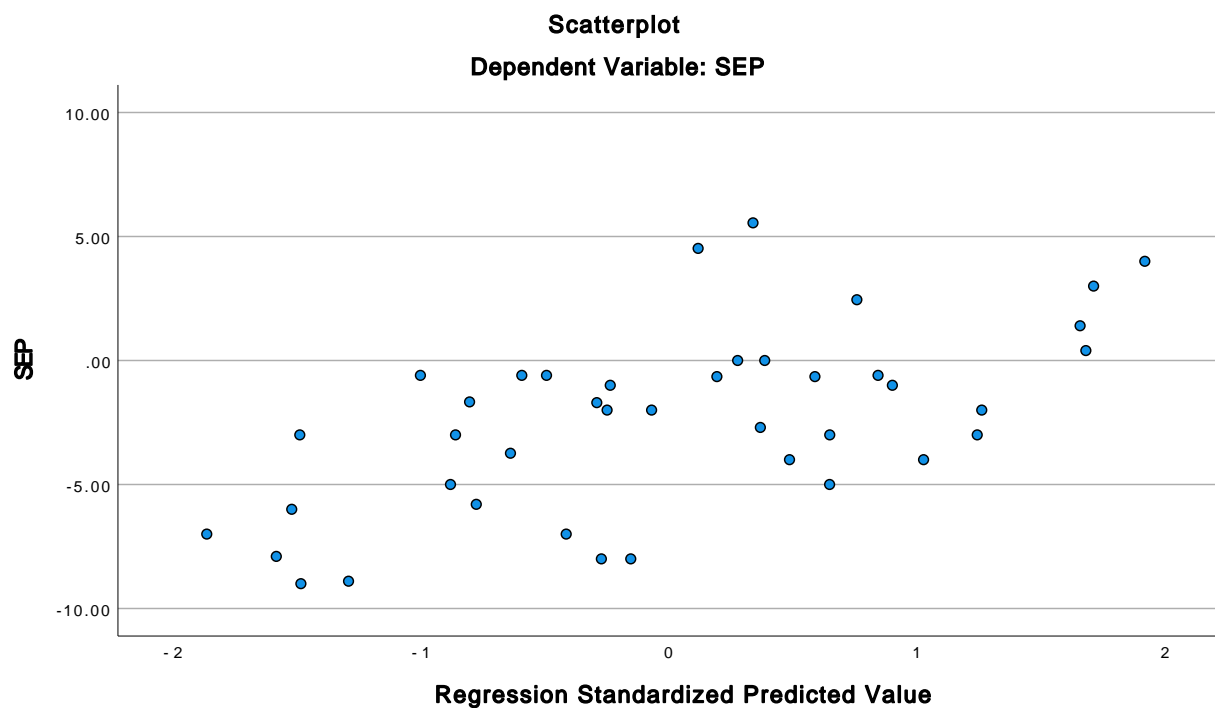
f. Predictors in the Model: (Constant), Age, DioFM, PTA

### Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-6.4856	1.8274	-2.3851	2.19939	41
Residual	-5.27189	7.19475	.00000	2.90312	41
Std. Predicted Value	-1.864	1.915	.000	1.000	41
Std. Residual	-1.747	2.384	.000	.962	41

a. Dependent Variable: SEP

## Charts



```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA CHANGE
/CRITERIA=PIN(.05) POUT(.20)
/NOORIGIN
/DEPENDENT SRM
/METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM
/SCATTERPLOT=(SRM ,*ZPRED) .

```

## Regression

## Notes

Output Created		15-MAY-2022 19:45:...
Comments		
Input	Data	/Users/bigtrax/Dropbox /Lab/manuscripts/Brain Sciences Speech Psychophysics/Revision Spring 2022/stats/deidentified data.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	41
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.20) /NOORIGIN /DEPENDENT SRM /METHOD=BACKWARD Age PTA DioFM DichFM TGap TM SM STM /SCATTERPLOT=(SRM , *ZPRED).
Resources	Processor Time	00:00:00.15
	Elapsed Time	00:00:00.00
	Memory Required	10464 bytes
	Additional Memory Required for Residual Plots	112 bytes



### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	STM, Age, TM, DioFM, PTA, DichFM, TGap, SM <sup>b</sup>	.	Enter
2	.	TGap	Backward (criterion: Probability of F-to-remove >= .200).
3	.	STM	Backward (criterion: Probability of F-to-remove >= .200).
4	.	DichFM	Backward (criterion: Probability of F-to-remove >= .200).
5	.	TM	Backward (criterion: Probability of F-to-remove >= .200).
6	.	SM	Backward (criterion: Probability of F-to-remove >= .200).

a. Dependent Variable: SRM

b. All requested variables entered.

### Model Summary<sup>g</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.657 <sup>a</sup>	.431	.289	3.04918	.431	3.032	8
2	.655 <sup>b</sup>	.429	.308	3.00864	-.002	.128	1
3	.653 <sup>c</sup>	.426	.325	2.97038	-.002	.141	1
4	.651 <sup>d</sup>	.424	.342	2.93351	-.002	.136	1
5	.639 <sup>e</sup>	.408	.342	2.93232	-.016	.971	1
6	.620 <sup>f</sup>	.384	.334	2.94999	-.024	1.447	1

### Model Summary<sup>g</sup>

Model	Change Statistics	
	df2	Sig. F Change
1	32	.012
2	32	.722
3	33	.710
4	34	.714
5	35	.331
6	36	.237

- a. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM
- b. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, SM
- c. Predictors: (Constant), Age, TM, DioFM, PTA, DichFM, SM
- d. Predictors: (Constant), Age, TM, DioFM, PTA, SM
- e. Predictors: (Constant), Age, DioFM, PTA, SM
- f. Predictors: (Constant), Age, DioFM, PTA
- g. Dependent Variable: SRM

# ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	225.518	8	28.190	3.032	.012 <sup>b</sup>
	Residual	297.519	32	9.297		
	Total	523.037	40			
2	Regression	224.323	7	32.046	3.540	.006 <sup>c</sup>
	Residual	298.714	33	9.052		
	Total	523.037	40			
3	Regression	223.050	6	37.175	4.213	.003 <sup>d</sup>
	Residual	299.988	34	8.823		
	Total	523.037	40			
4	Regression	221.845	5	44.369	5.156	.001 <sup>e</sup>
	Residual	301.192	35	8.605		
	Total	523.037	40			
5	Regression	213.492	4	53.373	6.207	.001 <sup>f</sup>
	Residual	309.546	36	8.598		
	Total	523.037	40			
6	Regression	201.047	3	67.016	7.701	.000 <sup>g</sup>
	Residual	321.990	37	8.702		
	Total	523.037	40			

a. Dependent Variable: SRM

b. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, TGap, SM

c. Predictors: (Constant), STM, Age, TM, DioFM, PTA, DichFM, SM

d. Predictors: (Constant), Age, TM, DioFM, PTA, DichFM, SM

e. Predictors: (Constant), Age, TM, DioFM, PTA, SM

f. Predictors: (Constant), Age, DioFM, PTA, SM

g. Predictors: (Constant), Age, DioFM, PTA

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	13.307	3.157		4.214	.000
	Age	-.063	.041	-.289	-1.523	.138
	PTA	-.082	.058	-.255	-1.428	.163
	DioFM	-1.390	.959	-.254	-1.449	.157
	DichFM	-.220	.464	-.087	-.473	.639
	TGap	.179	.498	.067	.358	.722
	TM	.576	.543	.159	1.061	.297
	SM	-.495	.653	-.152	-.757	.454
	STM	-.252	.591	-.089	-.427	.672
2	(Constant)	13.005	3.003		4.331	.000
	Age	-.064	.040	-.298	-1.602	.119
	PTA	-.076	.054	-.236	-1.403	.170
	DioFM	-1.236	.846	-.226	-1.461	.153
	DichFM	-.209	.457	-.083	-.457	.650
	TM	.576	.536	.159	1.076	.290
	SM	-.470	.641	-.144	-.733	.469
	STM	-.215	.574	-.076	-.375	.710
3	(Constant)	13.154	2.939		4.476	.000
	Age	-.063	.040	-.291	-1.594	.120
	PTA	-.076	.054	-.234	-1.414	.167
	DioFM	-1.303	.817	-.238	-1.596	.120
	DichFM	-.160	.432	-.063	-.369	.714
	TM	.535	.518	.147	1.034	.309
	SM	-.633	.464	-.194	-1.363	.182
4	(Constant)	13.711	2.490		5.506	.000
	Age	-.072	.032	-.331	-2.259	.030
	PTA	-.069	.049	-.213	-1.389	.174
	DioFM	-1.395	.768	-.255	-1.818	.078
	TM	.489	.496	.135	.985	.331
	SM	-.622	.457	-.190	-1.359	.183
5	(Constant)	13.998	2.472		5.663	.000
	Age	-.073	.032	-.336	-2.295	.028
	PTA	-.066	.049	-.204	-1.332	.191
	DioFM	-1.234	.750	-.226	-1.646	.108
	SM	-.541	.450	-.166	-1.203	.237

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
6	(Constant)	13.906	2.486		5.594	.000
	Age	-.076	.032	-.350	-2.383	.022
	PTA	-.076	.049	-.235	-1.549	.130
	DioFM	-1.434	.736	-.262	-1.949	.059

a. Dependent Variable: SRM

### Excluded Variables<sup>a</sup>

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	TGap	.067 <sup>b</sup>	.358	.722	.063	.502
3	TGap	.053 <sup>c</sup>	.292	.772	.051	.518
	STM	-.076 <sup>c</sup>	-.375	.710	-.065	.417
4	TGap	.053 <sup>d</sup>	.291	.773	.050	.518
	STM	-.050 <sup>d</sup>	-.257	.799	-.044	.455
	DichFM	-.063 <sup>d</sup>	-.369	.714	-.063	.579
5	TGap	.060 <sup>e</sup>	.333	.741	.056	.519
	STM	-.024 <sup>e</sup>	-.125	.901	-.021	.463
	DichFM	-.020 <sup>e</sup>	-.122	.904	-.021	.615
	TM	.135 <sup>e</sup>	.985	.331	.164	.881
6	TGap	-.008 <sup>f</sup>	-.044	.965	-.007	.572
	STM	-.126 <sup>f</sup>	-.908	.370	-.150	.871
	DichFM	-.016 <sup>f</sup>	-.097	.923	-.016	.616
	TM	.101 <sup>f</sup>	.746	.460	.123	.910
	SM	-.166 <sup>f</sup>	-1.203	.237	-.197	.866

a. Dependent Variable: SRM

b. Predictors in the Model: (Constant), STM, Age, TM, DioFM, PTA, DichFM, SM

c. Predictors in the Model: (Constant), Age, TM, DioFM, PTA, DichFM, SM

d. Predictors in the Model: (Constant), Age, TM, DioFM, PTA, SM

e. Predictors in the Model: (Constant), Age, DioFM, PTA, SM

f. Predictors in the Model: (Constant), Age, DioFM, PTA

### Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.3256	8.7890	4.6173	2.24191	41
Residual	-7.94232	4.63418	.00000	2.83721	41
Std. Predicted Value	-1.914	1.861	.000	1.000	41
Std. Residual	-2.692	1.571	.000	.962	41

a. Dependent Variable: SRM

## Charts

