

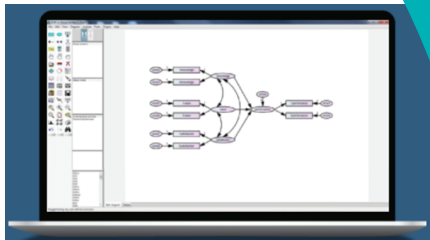
# SV Analytica Amos

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## Amos Structural Equation Modeling

SV Analytica Amos is a powerful structural equation modeling software helping support your research and theories by extending standard multivariate analysis methods, including regression, factor analysis, correlation, and analysis of variance.

Build attitudinal and behavioral models reflecting complex relationships more accurately than with standard multivariate statistics techniques using either an intuitive graphical, or programmatic user interface. Amos is part of Premium (except in Campus Edition, where it is sold separately). Amos can be bought for Base, Standard, and Professional, or separately as a stand-alone. For Windows only.



	Estimate	S.E.	C.R.	P	Label
post_verbal <-- pre_verbal	.889	.053	16.900	***	
post_verbal <-- treatment	3.840	.477	7.925	***	
pre_syn <-- pre_verbal	1.000				
pre_opp <-- pre_verbal	.891	.053	16.808	***	
post_syn <-- post_verbal	1.000				
post_opp <-- post_verbal	.906	.053	16.949	***	

**'Use-it-in-a-sentence' Help**  
Critical ratio for regression weight  
Dividing the regression weight estimate by the estimate of its standard error gives  
 $z = .896 / .053 = 16.948$   
In other words, the regression weight estimate is 16.948 standard errors above zero.

## Main Features:

- Bayesian estimation
- Confirmatory factor analysis
- Estimation of categorical and censored data
- Latent class analysis
- Non-graphical method of modeling  
Enter the model into a spreadsheet-like table (no programming)
- Specify path diagram using syntax
- Structural equation modeling/path analysis

# Features

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## On-screen model to results

Create path diagrams of your analysis using drawing tools, rather than by writing equations or by typing commands.



## Support your research

Extends standard multivariate analysis methods, including regression, factor analysis, correlation, and analysis of variance.



## Models that best fit your data

Offers exploration techniques, such as structural equation modelspecification search, to help choose a model from a large numberof candidates.



## Find unexpected relationships

After you fit a model, the SPSS Amos path diagram shows the strength of the relationship between variables.



## Non-graphical modeling

Provides easy ways for programmers and non-programmers to specify a structural equation model without drawing a path diagram.





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