

The H5RESULTS option is used to specify the name of the H5 file in which the results of an analysis will be saved. Various results are saved including parameter estimates and standard errors of the parameter estimates from the Model Results and fit statistics. If the STANDARDIZED option of the OUTPUT command is used, standardized parameters estimates and their standard errors will also be saved. See below for a complete list of results that are currently saved. Following is an example of how to specify the H5RESULTS option:

```
RESULTS ARE results.h5;
```

where results.h5 is the name of the file in which the analysis results will be saved. If the working directory contains a file of the same name, it will be overwritten.

The H5 file can be opened in R with the R Shiny app, Mplus H5 Results User Interface. The app accepts the H5 file containing Mplus results as input and provides a list of saved outputs.

While results can be viewed in the Mplus H5 Results User Interface, the Mplus R functions can also be accessed directly to extract results for other uses. The extracted results are given as R data frames.

List of results that may be saved:

- Input instructions
- Errors and warnings
- Summary of Analysis
- Model Fit Information
- Model Fit Information (configural)
- Model Fit Information (metric)
- Model Fit Information (scalar)
- Model Results
- Model Results (configural)
- Model Results (metric)
- Model Results (scalar)
- Confidence Intervals of Model Results
- Confidence Intervals of Model Results (configural)
- Confidence Intervals of Model Results (metric)
- Confidence Intervals of Model Results (scalar)
- Credibility Intervals of Model Results
- Credibility Intervals of Model Results (configural)
- Credibility Intervals of Model Results (metric)
- Credibility Intervals of Model Results (scalar)
- Standardized Model Results
- Confidence Intervals of Standardized Model Results
- Credibility Intervals of Standardized Model Results
- R-Square
- R-Square (configural)
- R-Square (metric)

- R-Square (scalar)
- IRT Parameterization
- IRT Parameterization (configural)
- IRT Parameterization (metric)
- IRT Parameterization (scalar)
- Credibility Intervals of Standardized Model Results
- Credibility Intervals of Model Results
- Model Modification Indices
- Results in Probability Scale
- Results in Probability Scale (configural)
- Results in Probability Scale (metric)
- Results in Probability Scale (scalar)
- Logistic Regression Odds Ratio Results
- Confidence Intervals in Probability Scale
- Confidence Intervals in Probability Scale (configural)
- Confidence Intervals in Probability Scale (metric)
- Confidence Intervals in Probability Scale (scalar)
- Credibility Intervals in Probability Scale
- Credibility Intervals in Probability Scale (configural)
- Credibility Intervals in Probability Scale (metric)
- Credibility Intervals in Probability Scale (scalar)
- Latent Class Indicator Odds Ratios for the Latent Classes
- Latent Class Indicator Odds Ratios for the Latent Classes (configural)
- Latent Class Indicator Odds Ratios for the Latent Classes (metric)
- Latent Class Indicator Odds Ratios for the Latent Classes (scalar)
- Brant Wald Test For Proportional Odds
- Within-level Standardized Model Results For Each Cluster
- Within-level R-Square For Each Cluster