

# Package ‘irtawsi’

May 8, 2026

**Type** Package

**Title** Items Response Theory Analysis with Steps and Interpretation

**Version** 0.4.1

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**Description** Dichotomous and polytomous data analysis and their scoring using the unidimensional Item Response Theory model (Chalmers (2012) <doi:10.18637/jss.v048.i06>) with user-friendly graphic User Interface. Suitable for beginners who are learning item response theory.

**Imports** DT, mirt, psych,  
readxl,shiny,shinyWidgets,shinycssloaders,rmarkdown,bs4Dash,gt,diagram,writexl,mirtCAT,WrightMap

**License** GPL (>= 3)

**Encoding** UTF-8

**NeedsCompilation** no

**URL** <https://github.com/SusantoHP/irtawsi>

**BugReports** <https://github.com/SusantoHP/irtawsi/issues>

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**Repository** CRAN

**Date/Publication** 2024-06-26 18:10:02 UTC

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**Description**

Dichotomous and polytomous data analysis and their scoring using the unidimensional Item Response Theory model (Chalmers (2012) <doi:10.18637/jss.v048.i06>) with user-friendly graphic User Interface. Suitable for beginners who are learning item response theory.

**Usage**

```
irtawsi()
```

**Value**

No values are returned, launches 'shiny' interface

**References**

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**Examples**

```
if(interactive()){  
  ## Run this code for launching the Graphic User Interface  
  irtawsi()  
}
```

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