

# Package ‘irtGUI’

October 13, 2022

**Type** Package

**Title** Item Response Theory Analysis with a Graphic User Interface

**Version** 0.2

**Author** Huseyin Yildiz [aut, cre]

**Maintainer** Huseyin Yildiz <huseyinyildiz35@gmail.com>

**Description** Performing Item Response Theory analysis such as parameter estimation, ability estimation, data generation, item and model fit analyse, local independence assumption, dimensionality assumption, wright map, characteristic and information curves under various models with a user-friendly Graphic User Interface.

**Imports** magrittr, shiny, shinydashboard, shinycssloaders, readxl, stats, mirt, psych, WrightMap, grDevices, writexl, irtoys

**License** GPL (>= 3)

**Encoding** UTF-8

**LazyData** true

**NeedsCompilation** no

**Repository** CRAN

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irtGUI	<i>Item Response Theory Analysis with a user-frindly Graphic User Interface.</i>
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**Description**

Performing Item Response Theory analysis such as parameter estimation, ability estimation, item and model fit analysis, local independence assumption, dimensionality assumption, characteristic and information curves under various models with a user friendly Graphic User Interface.

**Usage**

```
irtGUI()
```

**Value**

No return value, launches 'shiny' application

**Examples**

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

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