

What is BigSEM?

BigSEM is a collection of software programs for conducting SEM analysis with new types of data such as network data and text data.

- [How to install BigSEM?](#)

How to install BigSEM?

BigSEM can be used either locally as R packages or online using our web app.

R Package

We have two R packages in the development stage that can now be installed from GitHub. The packages will be available on CRAN soon. The R package `networksem` can be used for SEM network analysis and the package `TextSEM` can be used for text analysis.

```
## Install the package for network analysis
remotes::install_github("iasnobmatsu/networksem")

## Install the package for text analysis
remotes::install_github("Stan7s/TextSEM")
```

Web App

To use our web app, go to the website at <https://bigsem.psychstat.org/app>. Note that you will be prompted to log in as a user. If you don't have an account, you can register one for free.

Login


Username

Password

Remember ☒[Register](#) | [Forgot Password?](#) | [FAQ](#)

Once logging in our web app, one can create a project and start to conduct the analysis. Note that we manage projects as files. One can upload, create, and delete files within the app.

Project: SEM-text

<input type="checkbox"/> File name	Operations	File Actions	File size	Time
<input type="checkbox"/> text-reg.diag.est.out		Edit View Delete Download Rename History	634 B	2023.05.07 21:09:40.
<input type="checkbox"/> text-reg.sem.out		Edit View Delete Download Rename History	4.45 KB	2023.05.07 21:09:40.
<input type="checkbox"/> text-reg.diag		Edit View Delete Download Rename History	1.56 KB	2023.05.07 21:08:44.
<input type="checkbox"/> text-reg.sem		Edit View Delete Download Rename History	219 B	2023.05.07 21:08:44.
<input type="checkbox"/> setdata.csv	Analysis	Edit View Delete Download Rename History	9.16 MB	2023.05.07 20:27:10.
<input type="checkbox"/> holzing.txt.csv	Analysis	Edit View Delete Download Rename History	13.56 KB	2023.05.07 20:24:53.
<input type="checkbox"/> holzing.txt	To CSV	Edit View Delete Download Rename History	13.7 KB	2023.05.07 20:24:47.
<input type="checkbox"/> cf_wechat.csv	Analysis	Edit View Delete Download Rename History	53.81 KB	2023.05.07 20:22:23.
<input type="checkbox"/> activeDL.csv	Analysis	Edit View Delete Download Rename History	31.3 KB	2023.05.07 20:05:19.
<input type="checkbox"/> test.csv	Analysis	Edit View Delete Download Rename History	38.17 KB	2023.05.07 19:56:33.
<input type="checkbox"/> prof1000.original.csv	Analysis	Edit View Delete Download Rename History	11.02 MB	2023.05.07 17:58:43.
<input type="button" value="Delete"/> <input type="button" value="Compare"/>				