

Example of post-solar data-splitting t-test

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File structure

the Python packages and codes for Example 1, Section 3

- **supporting functions**
 - **./numerical_result** : the folder of all numerical results, saved as ".p";
 - **simulator.py** : the data generating package.
 - **costcom.py** : the package to compute the regression error.
 - **solar_parallel.py** : the solar (parallel computation) package.
 - **debug.sh** : (for macOS and Linux only) the bash file for bug testing of all .py files here.
 - in Mac OS or Linux, open terminal and switch to this folder; run "bash debug.sh" command
 - it will produces all the test plots, results and tables;
 - if you find no error during the procedure and the bash file ends normally, there is no bug of all the packages in this folder.
- **simulations**
 - **example_split.ipynb** : the simulation for Example 1.