

DEA PROCESS (SCRIPTS)

Loads and preprocesses the raw DEA data to structure it for analysis.

Defines and prepares input and output variables for each DEA experiment scenario.

Runs DEA efficiency calculations for each experiment and stores the results.

Contains the configurations or logic to manage and organize multiple DEA experiments.

build.py

experiments.py

build_experiments.py

dea_efficiency.py

Correlation.ipynb

dea_effectiveness.py

graphs.ipynb

To select inputs that truly influence performance in the DEA model.

Calculates temporal DEA efficiency for each institution-year using fixed inputs and outputs across multiple years.

Visualizes DEA efficiency results to compare institutions.

effectiveness_graphs.ipynb

Visualizes temporal DEA results with bar and line charts to analyze trends in institutional efficiency over time.