

Model Directories
models/
(as generated in
previous script)

Run:
scripts/sa_scripts/ get_surface_area.py
Finds surface area of every (default: 'default') model found
in the directories.
This script finds the front faces by comparing the normal
between the face COM and the normal to the face's
surface. The cutoff for dot products defaults at within 0.85
of the maximum dot_product found- this has been verified
in the script (look at it for more info)

Datafile:
simulation_data/
SA_data.txt

simulation_data/
combined_data.txt
This is the final datafile with
TBR and SA combined.

Run:
scripts/sa_scripts/
make_new_datafile.py
This script combines the macro
tbr (and error) with the new
surface area data and creates
a new output file, by default.

