# Outline of Data.

model\_for\_paper\_May16.mws This is the Maple code for the full cell 1D model.

E1\_raw\_data.xlsx These files to E8 are the raw data for the reactor runs with voltage and flow logging and concentrations measured by UV-Vis spectrophotometry and at the lower concentrations by ICP OES.

Model\_runs\_data.xls Is the results of running the model at different cell voltages and simulates the deposition of platinum from the starting concentration.

Circulating bed CFD database\_files.ZIP Is the Ansys Workbench database and results used to generate the multiphase CFD simulations of the reactor flow performance.