How to process raw *Syscal* data

1. Get the data ready for *gerjoii*

   - If `.txt` or `.csv` run `dc_process.py`
   - If `.bin` run `syscal2npy.py`

   These extract:

   - abmn (m)
   - voltages (V)
   - input currents (A)
   - std (tenths of percent)
   - SP (V)
   - app-resi (Ohm.m)

2. Run `datavis_dc.m` and clean data up.

   This one saves the `field_.mat` structure as:

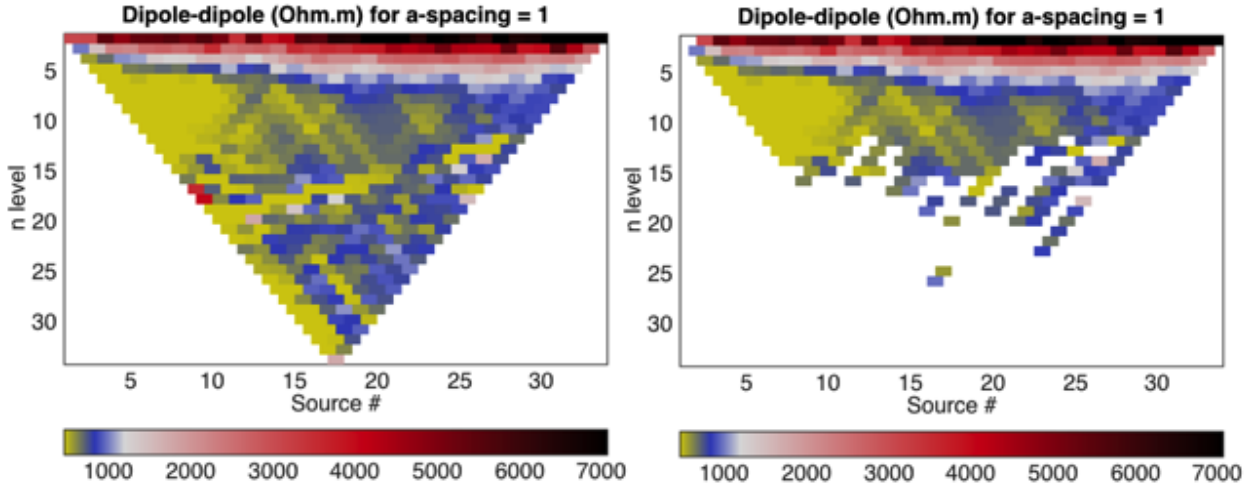
   `../raw/PROJECT/dc-data/PROJECT_dc.mat`

3. Run `data2inv_dc.m` and save for matlab structures for inversion.

   Reads `PROJECT_dc.mat` and builds:

   `parame_dc.mat` and `s_i_r_d_std_.mat`

Raw and Filtered data



How to process raw *AGI* data

1. Run `dc_process_AGI.py` and extract:
   - abmn (m)
   - voltages/currents (?)
   - output currents (A)

    - std (tenths of percent)
    - SP (V)
    - app-resi (Ohm.m or Ohm.ft)
2. Run `datavis_dc2.m` and clean data up.
3. Run `data2inv_dc.m` and save for matlab structures for inversion.