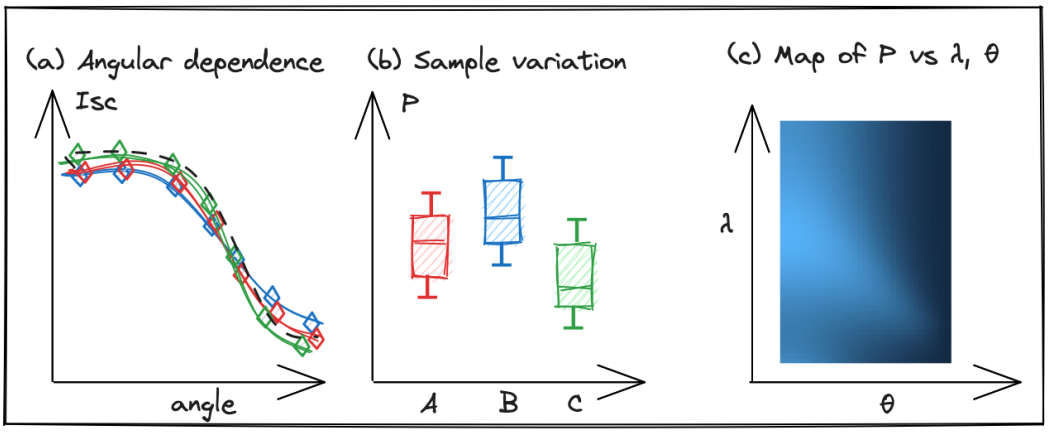
Graphics

MESA workshop

baptiste auguié

Using the 3 datasets provided, make a figure with 3 sub-figures similar to the *mock-up* below



- The first dataset collects the angle dependence of the short-circuit current for 3 different solar cells (labelled A, B, C, corresponding to 3 different types of cells).
- For the three types of cells, the maximum power point P was measured for many samples, showing some sample-to-sample variation (dataset 2). The plot should present a summary of this distribution for each sample, either as boxplots or violin plots, optionally adding the raw data alongside the boxplots/violins.
- In dataset 3, the power output of a solar cell was measured for several angles of incidence (between 0 and 90 degrees, rows of the data), and for multiple wavelengths (columns, between 400 and 800 nm). Display those data as a colour map with wavelength as the y axis, angle as the x axis, and the colour mapped to power.