This dataset contains data to support the publication of the following paper:

Exploration of the smallest diameter tin nanowires achievable with electrodeposition; sub 7 nm Sn nanowires produced by electrodeposition from a supercritical fluid

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The data presented are as follows:

Figure 1: raw data from diffractogram and pole figure

Figure 3: excel file containing raw data from cyclic voltammogram of FcMeOH in NaNO3 (3a); origin file containing raw voltammetry data of SnCl3 in scCH2F2 (3b)

Figure 5:

Data from ESI:

Figure S7-S8 Raw data: excel file containing GISAXS data of electrodeposited Sn films on Au and TiN substrates

Figure S10 Raw data: excel file containing GISAXS data from mesoporous silica films deposited from sols (variable pH)

Figure S14 Raw data: excel file containing GISAXS data comparing different washing and drying regimes for mesoporous silica films

Figure S20 Raw data: excel file containing GISAXS data indicating presence of mesopores in silica films produced with varying deposition time