

Supplementary Material for
Capillary rise of non-aqueous liquids in cellulose sponges
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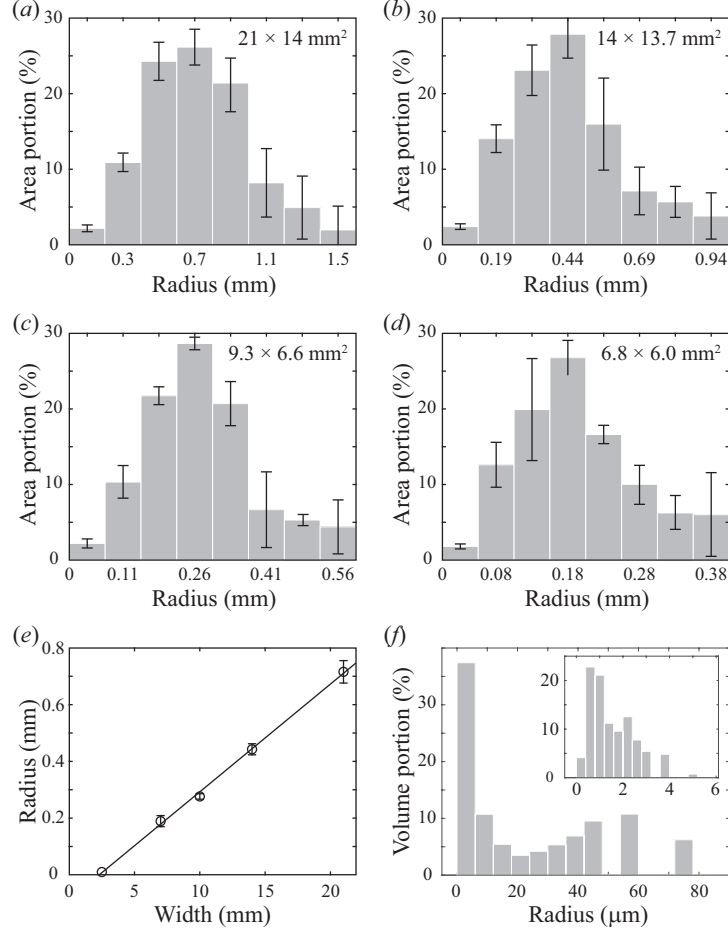


Figure S1: Areal density of macroscale voids measured with optical images of four different widths (w) of sponges: $w =$ (a) 21 mm, (b) 14 mm, (c) 10 mm, (d) 7 mm. The area of measurement is specified in each plot. The pore radius corresponds to that of a circle with the same area as the corresponding void. (e) The average macro pore radius versus the width of the sponge. The error bar corresponds to the standard deviation of the average pore radii of three samples for each width. (f) Volumetric density of microscale wall pores of pristine sponge measured by the porosimeter for the specimen volume of $5 \times 5 \times 5$ mm³. The inset shows detailed distribution of wall pore size below 6 μm.