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Supplementary material for

**Turbulence in a channel with a patchy submerged canopy: the impact of spatial configuration**

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A graph of a function

Description automatically generated

**Figure A1.** Geometry of natural vegetation patches observed in a river channel by Cornacchia et al. (2023), and the geometry of the artificial patches used in this study; Black colored marker: deflected height – patch length, red colored marker: patch width – patch length.

A row of graphs with numbers and circles

Description automatically generated

**FigureA2.** Vertical profiles of for four different configurations in Figure 5 of manuscript.