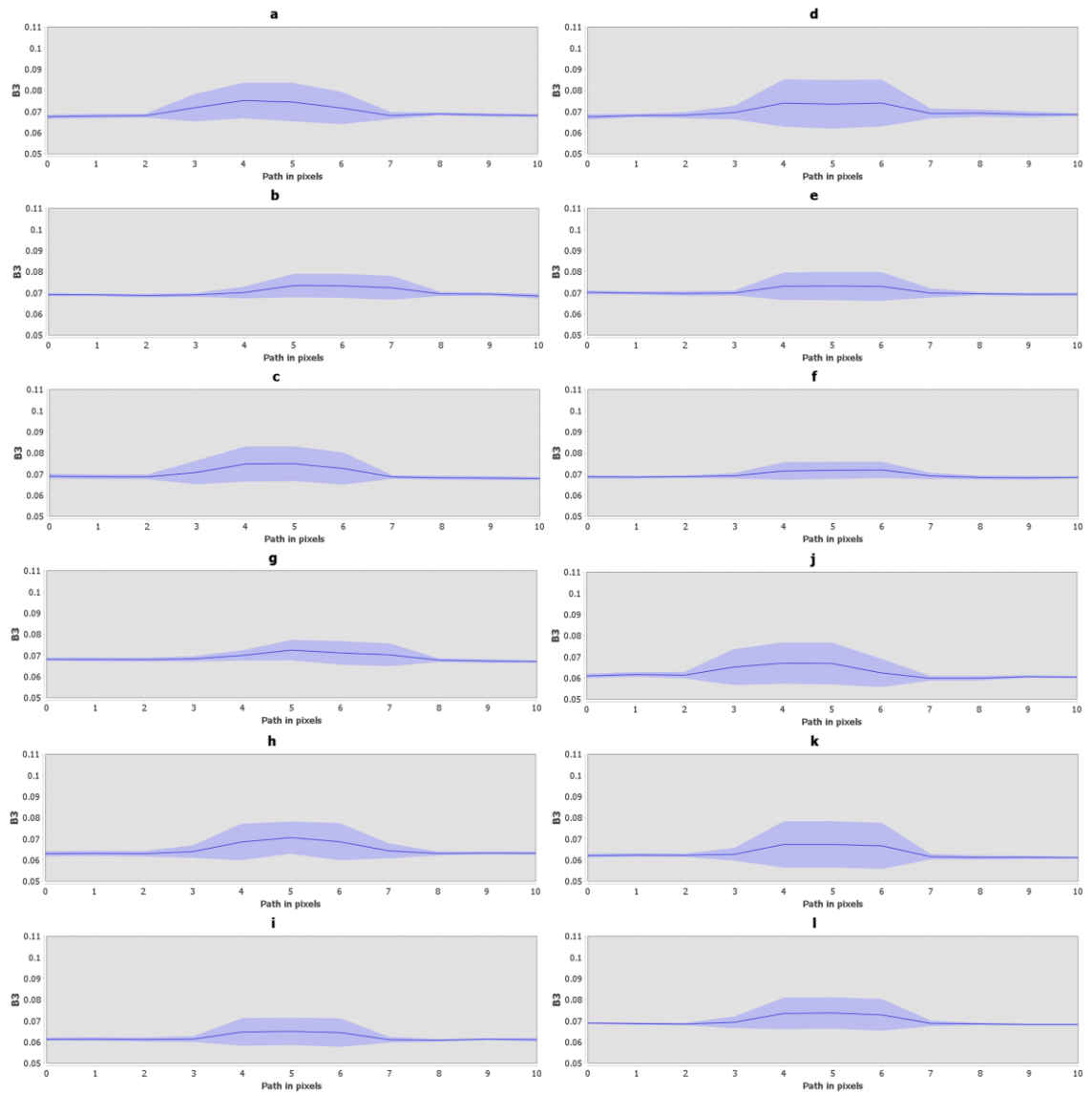


Supplementary Materials

This supplementary file contains information regarding the spectral reflectance profile in the Sentinel-2 B3 band (green at 560 nm, with a spatial resolution of 10 m) for those objects identified in the text as ‘candidate icebergs’ for the Nuuk region (Figure S1) and Labrador Sea area (Figure S2).



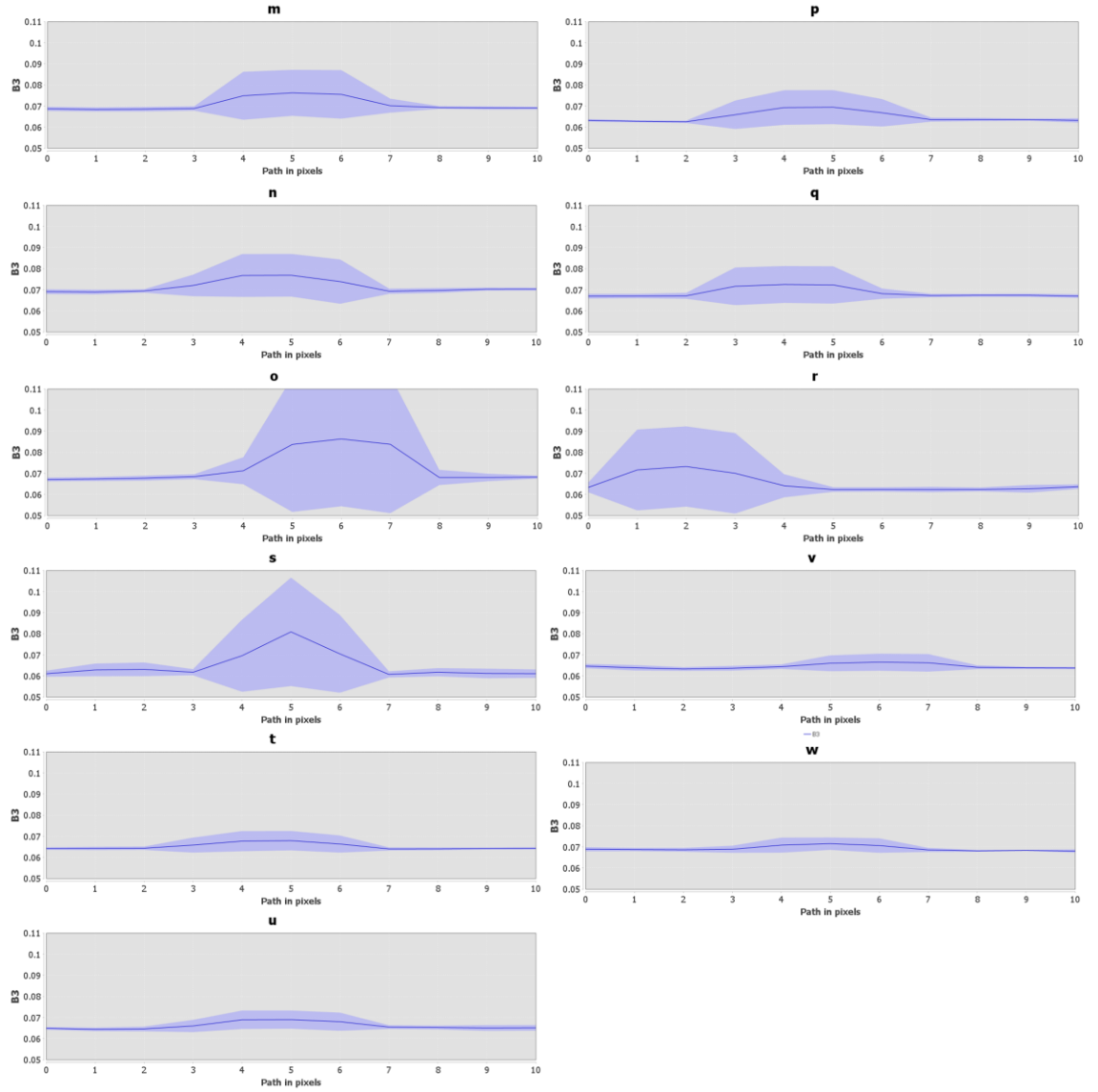


Figure S1. Spatial distribution along the transects of the reflectance measured in B3 associated with 'candidate icebergs' identified using the RST methodology in the image acquired on 26 September 2016 by Sentinel-2 for Nuuk test case. The labels from 'a' to 'w' associated with the additional icebergs refer to Figure 7 in the article. The blue plot line and the blue shade around it indicate the mean and the standard deviation, respectively, of the selected band within a 3×3 square box along each pixel of the transept.

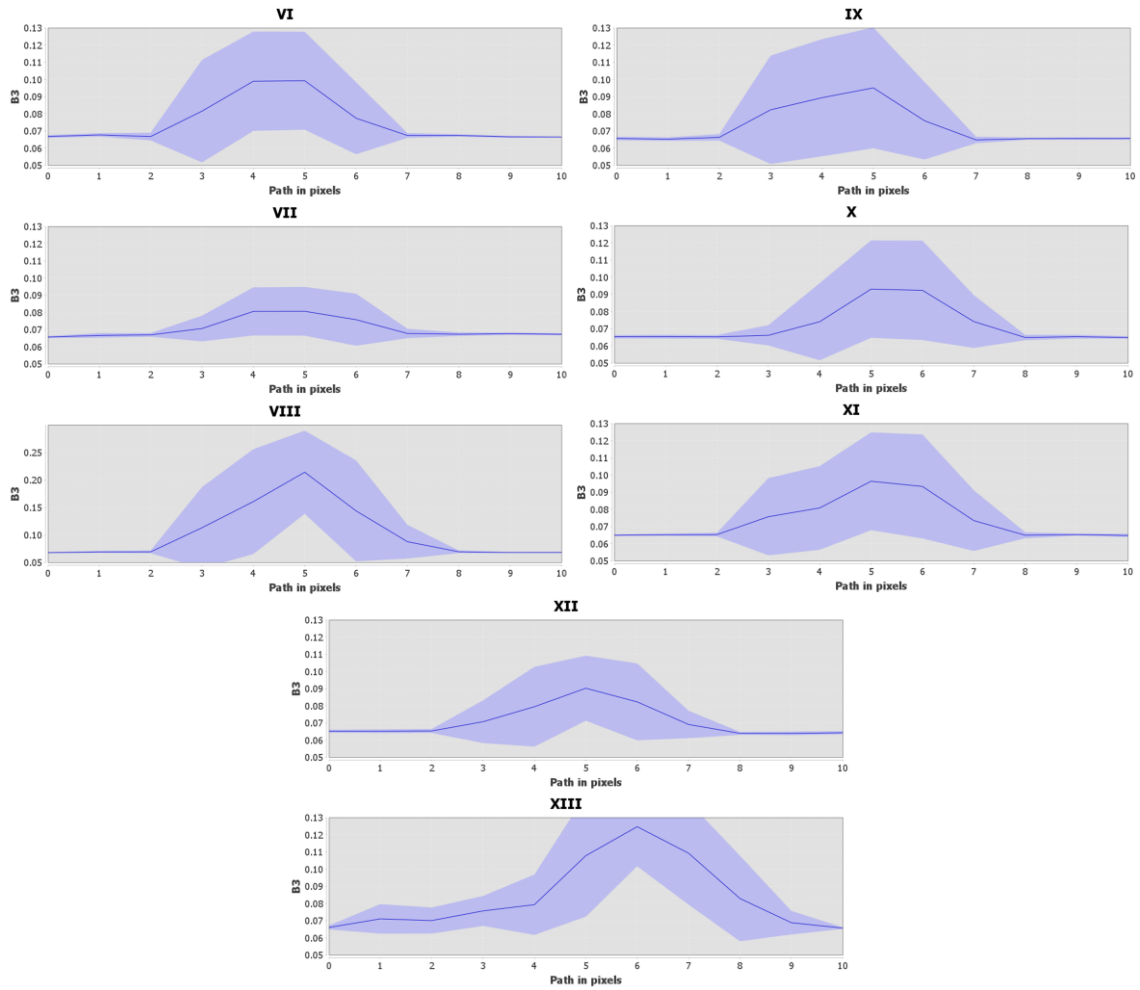


Figure S2. Spatial distribution along the transects of the reflectance measured in B3 associated with ‘candidate icebergs’ identified using the RST methodology in the image acquired on 10 August 2021 by Sentinel-2 for Labrador Sea test case. The labels from ‘VI’ to ‘XIII’ associated with the additional icebergs refer to Figure 10 in the article. The blue plot line and the blue shade around it indicate the mean and the standard deviation, respectively, of the selected band within a 3×3 square box along each pixel of the transept.