



Supplement of

Mapping seasonal snow melting in Karakoram using SAR and topographic data

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S1 Maps of snow index in three basins

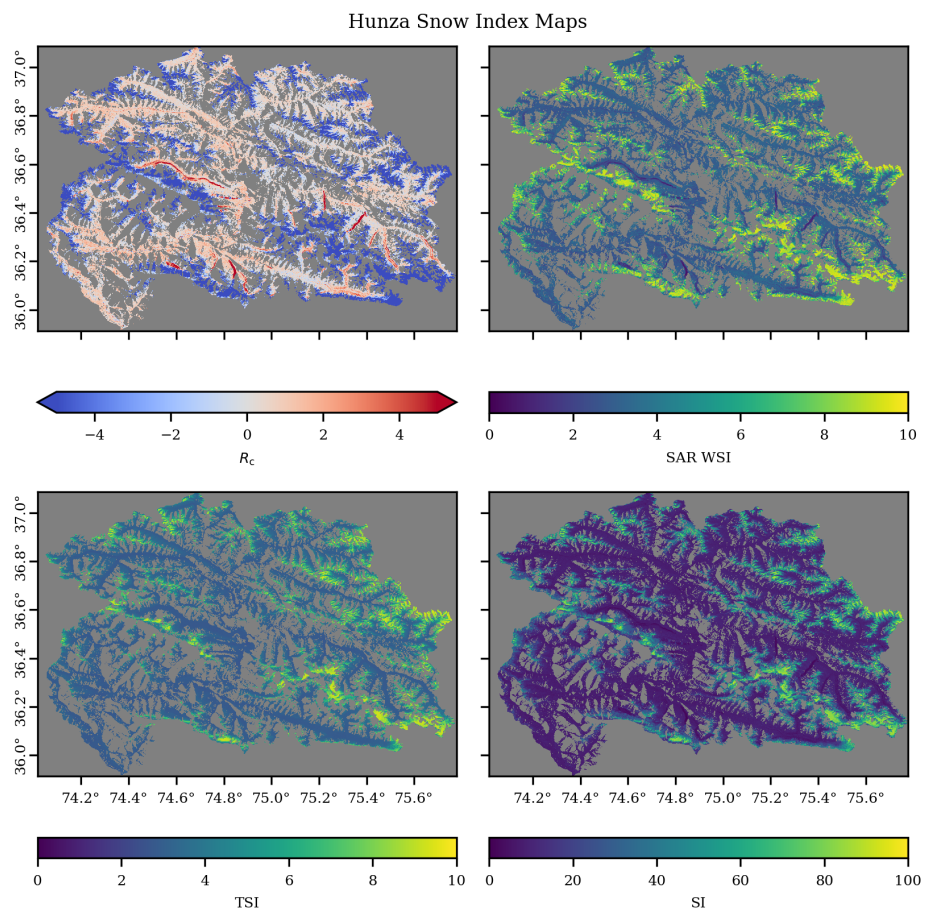


Figure S1. R_c , WSI, TSI and SI maps of Hunza.

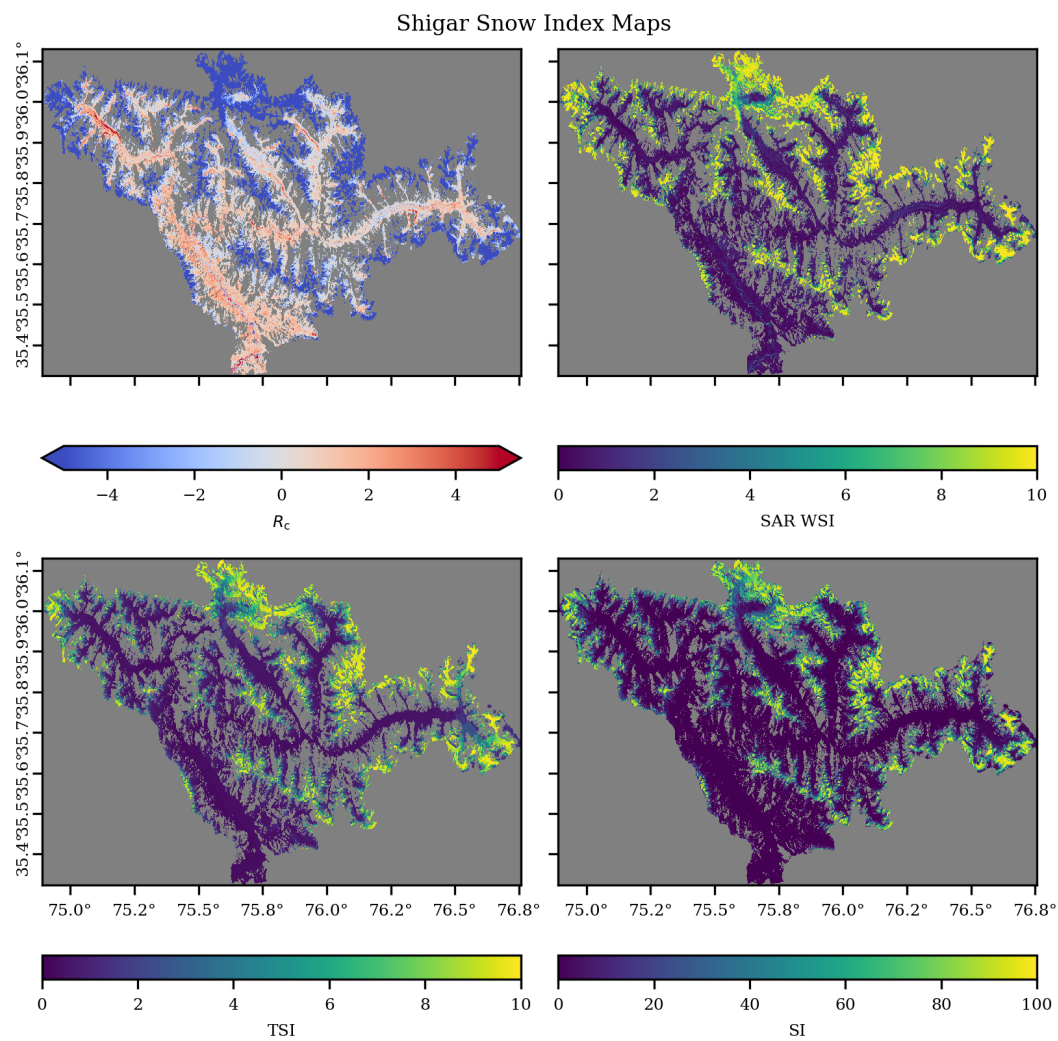


Figure S2. R_c , WSI, TSI and SI maps of Shigar.

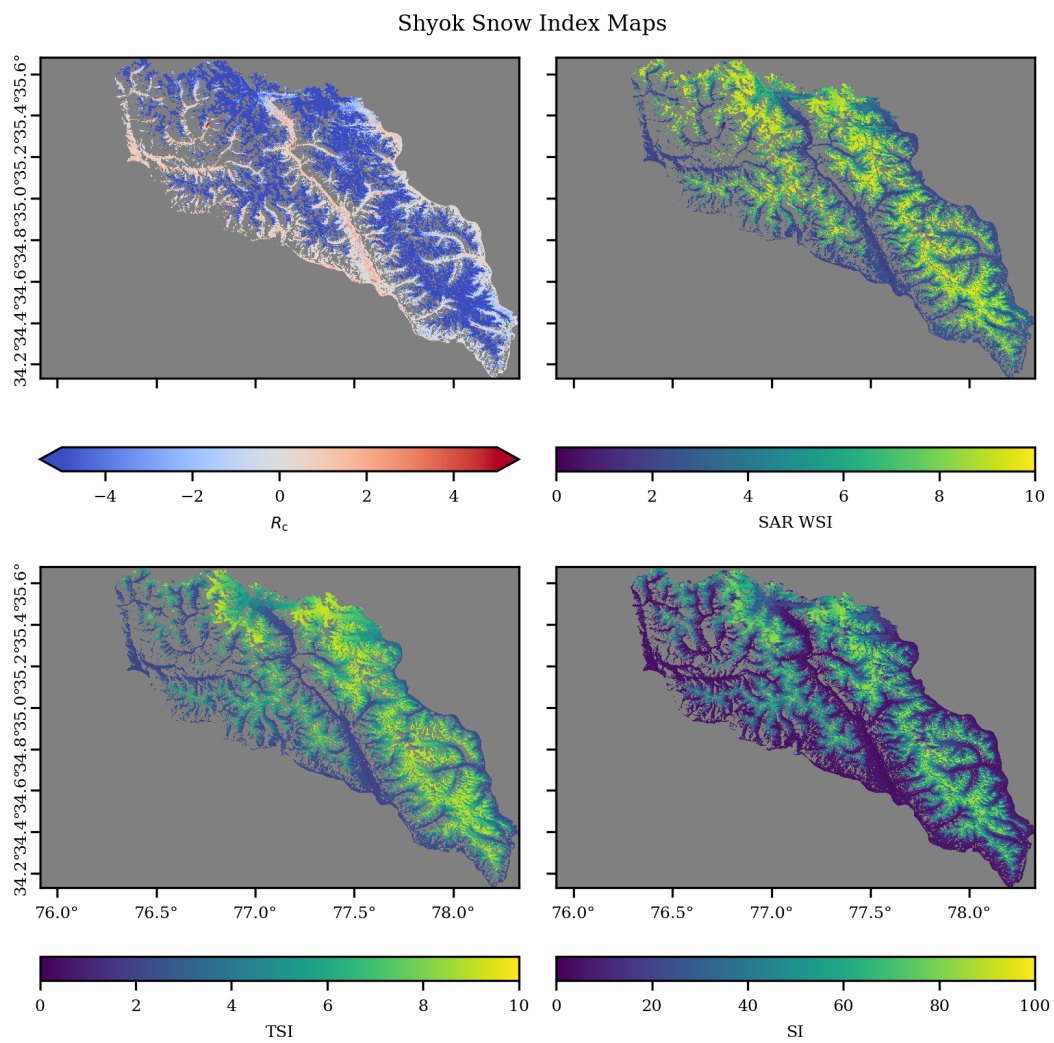


Figure S3. R_c , WSI, TSI and SI maps of Shyok.

S2 Classification Metrics under different topographic conditions

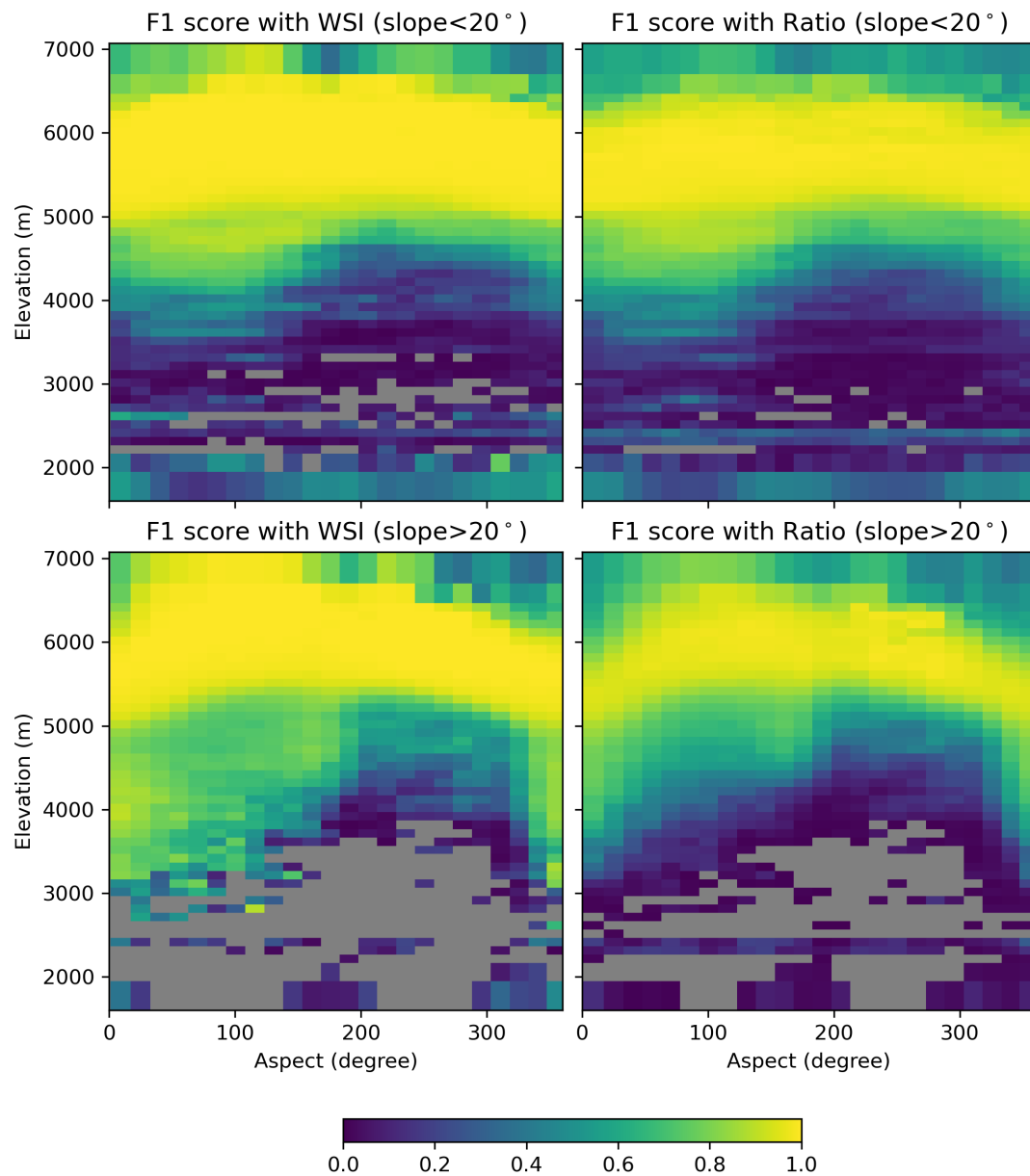


Figure S4. F1 score aggregated by topographic bins in Hunza. Top rows are with slope < 20 degrees, and bottom rows are with slope > 20 degrees. Missing values are indicated with gray.

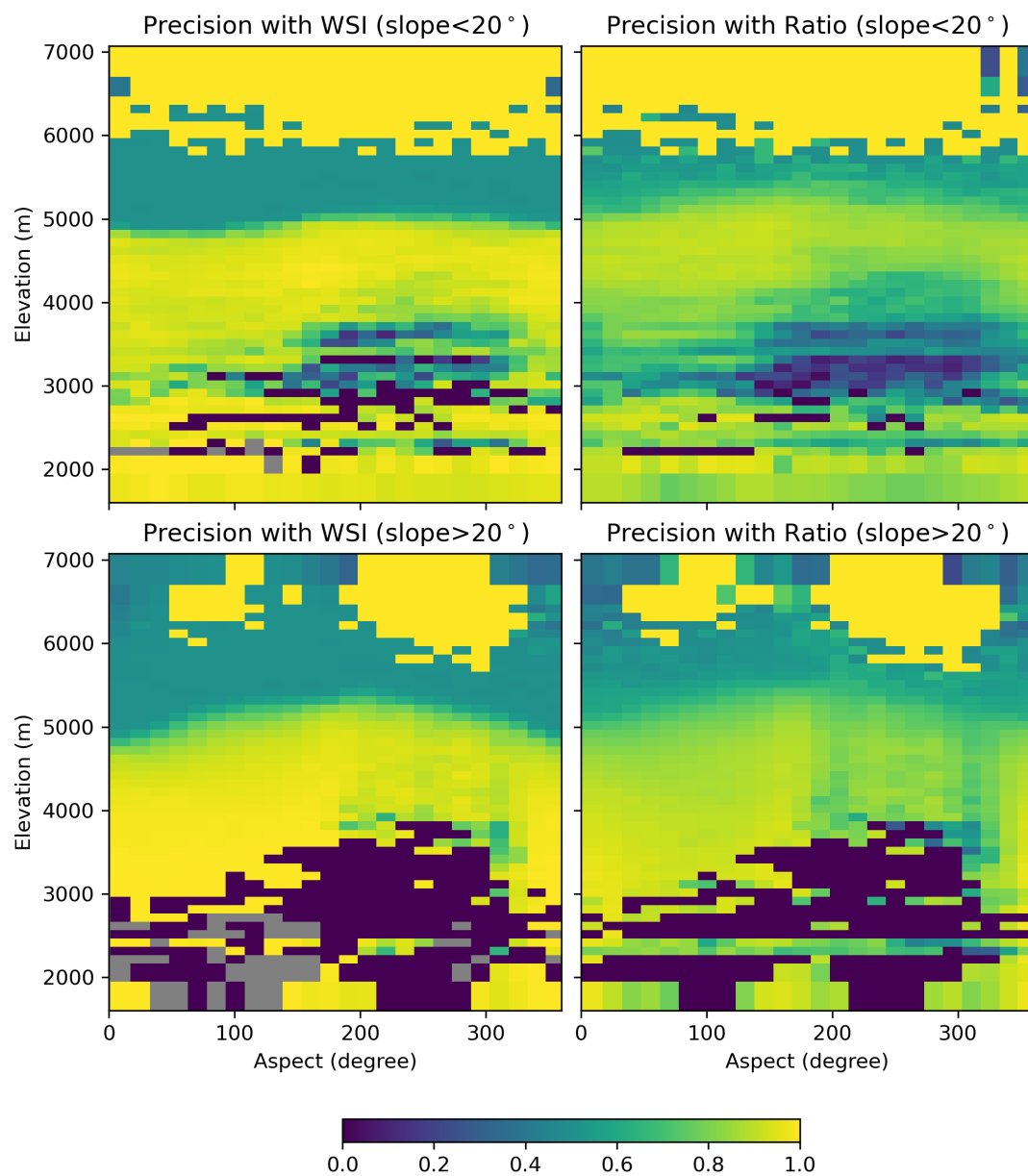


Figure S5. Precision metric aggregated by topographic bins in Hunza. Same arrangement as figure S4.

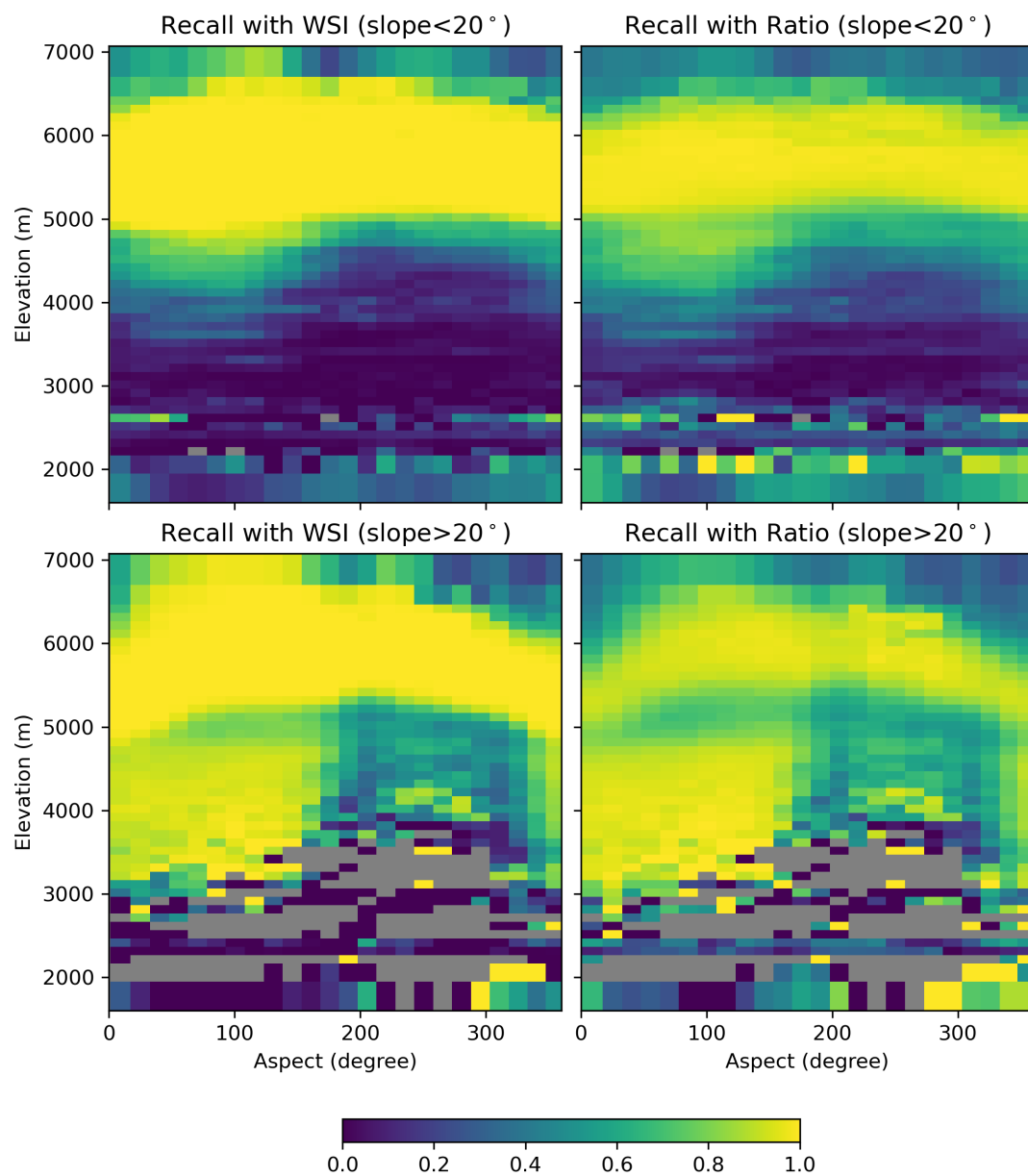


Figure S6. Recall metric aggregated by topographic bins in Hunza. Same arrangement as figure S4.