



BALTICA Volume 36 Number 1 July 2023

Baltica

An International Journal on Geosciences of the circum-Baltic States

<https://baltica.gamtc.lt/en>

Supporting Online Material for
LITHUANIAN RIVER ICE DETECTION AND AUTOMATED CLASSIFICATION
USING MACHINE-LEARNING METHODS

Linus Bevainis, Martynas Bielinis, Algimantas Česnulevičius, Artūras Bautrenas

Published online 15 April 2023, Baltica vol. 36 no. 1

DOI: <https://doi.org/10.5200/baltica.2023.1.1>

PDF file includes:
Figures S1–S19

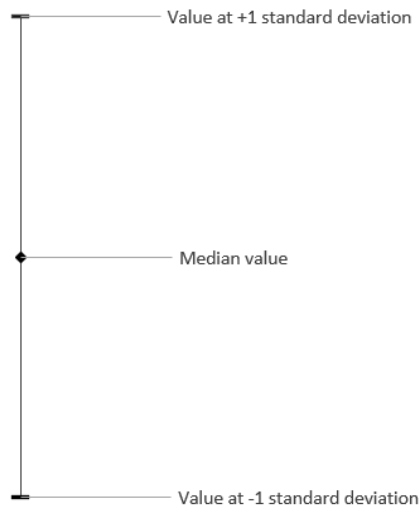


Figure S1. Feature analysis chart legend

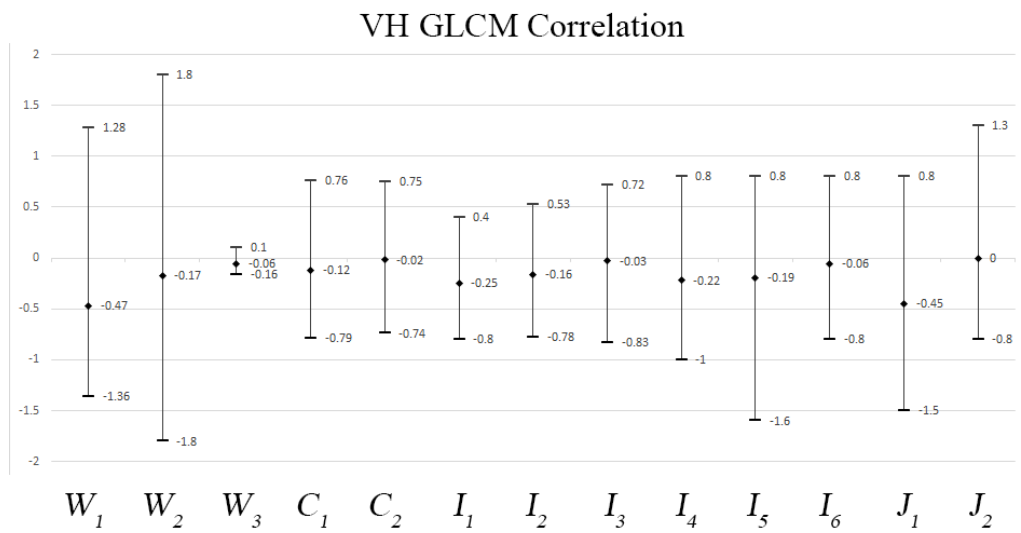


Figure S2. Zone values for VH polarization GLCM Correlation feature

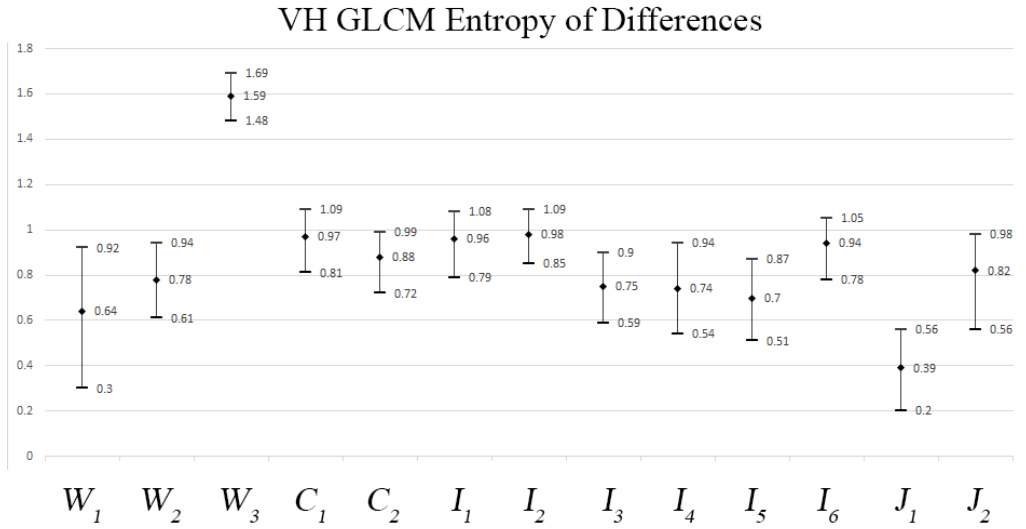


Figure S3. Zone values for VH polarization GLCM Entropy of Differences feature

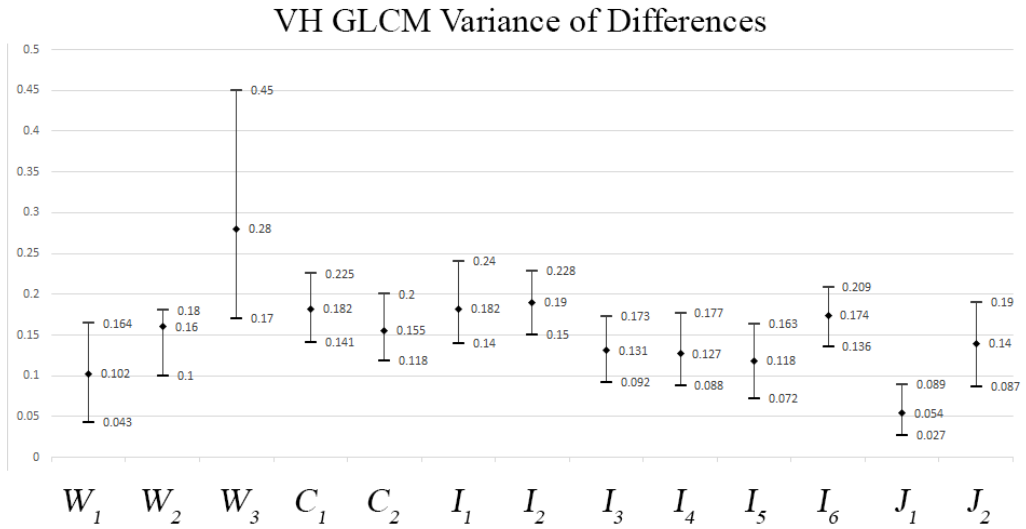


Figure S4. Zone values for VH polarization GLCM Variance of Differences feature

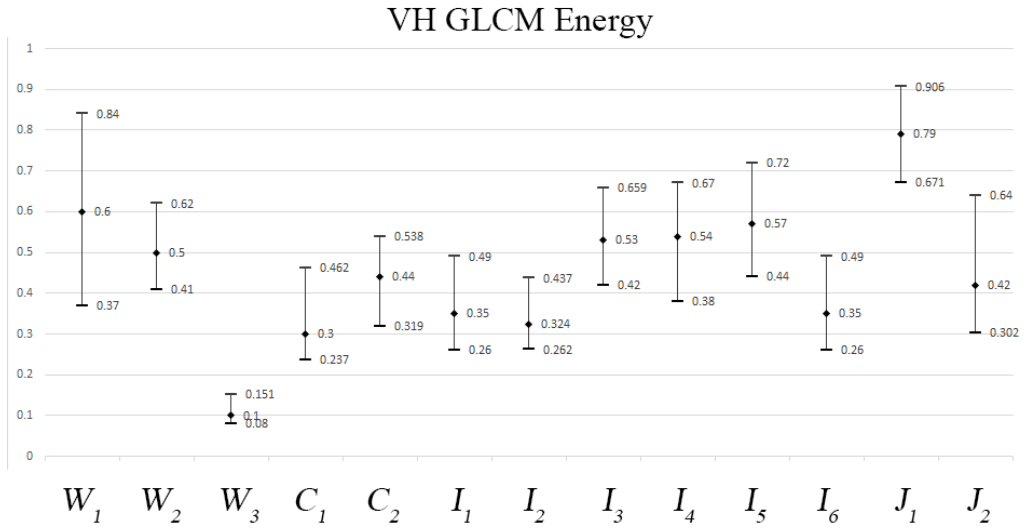


Figure S5. Zone values for VH polarization GLCM Energy feature

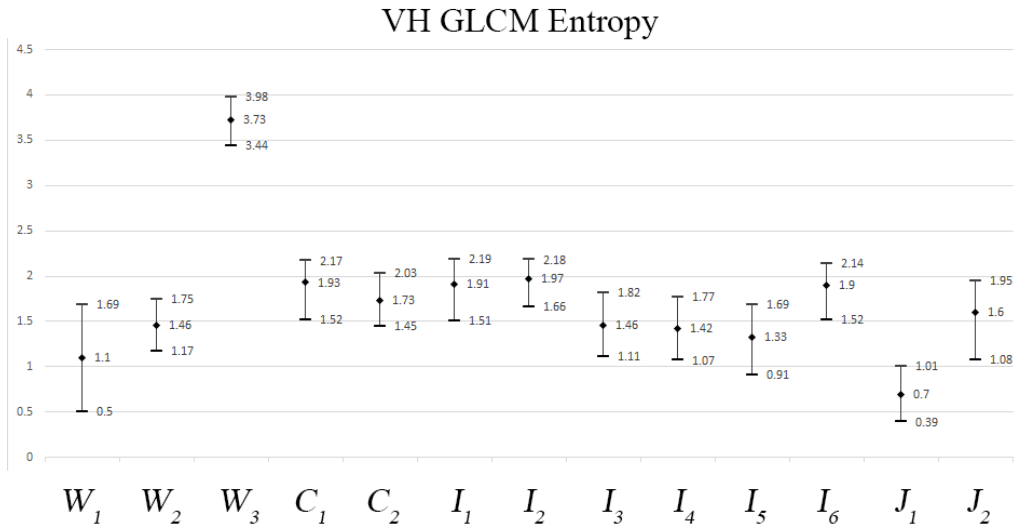


Figure S6. Zone values for VH polarization GLCM Entropy feature

VH GLCM IDM

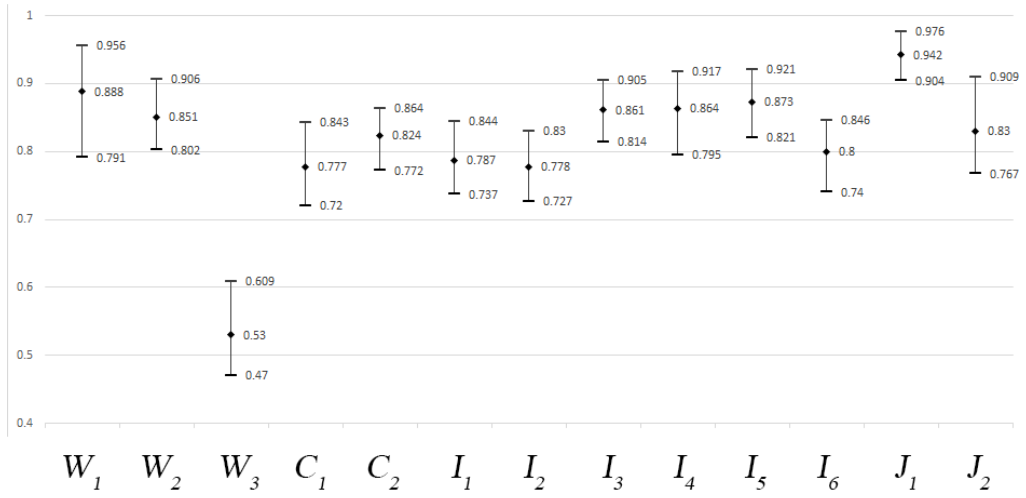


Figure S7. Zone values for VH polarization GLCM Inverse Difference Moment (IDM) feature

VH Backscatter intensity, dB

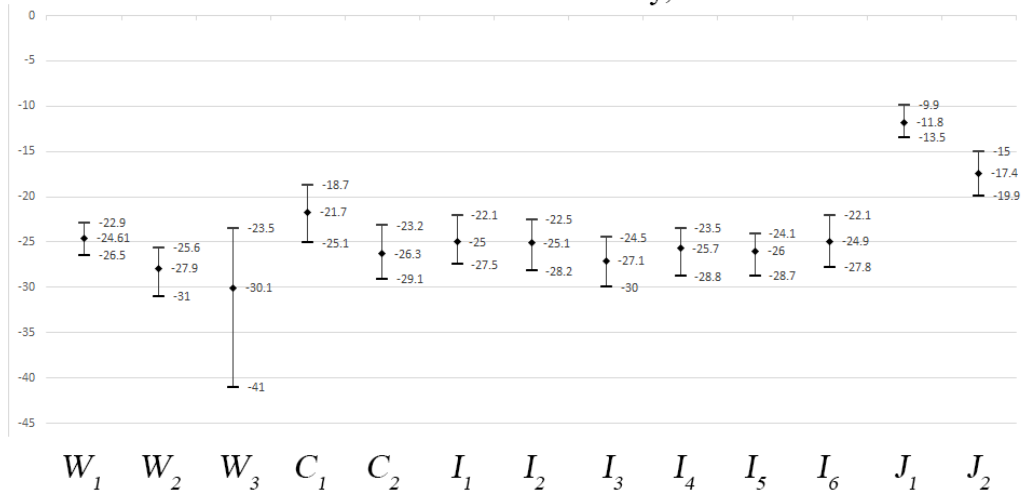


Figure S8. Zone values for VH polarization backscatter intensity image, in dB units

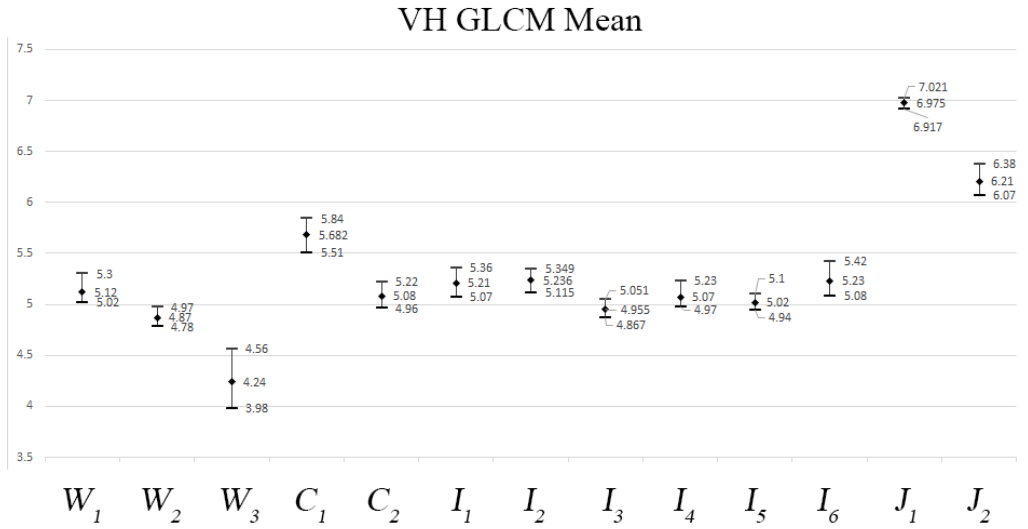


Figure S9. Zone values for VH polarization GLCM Mean feature

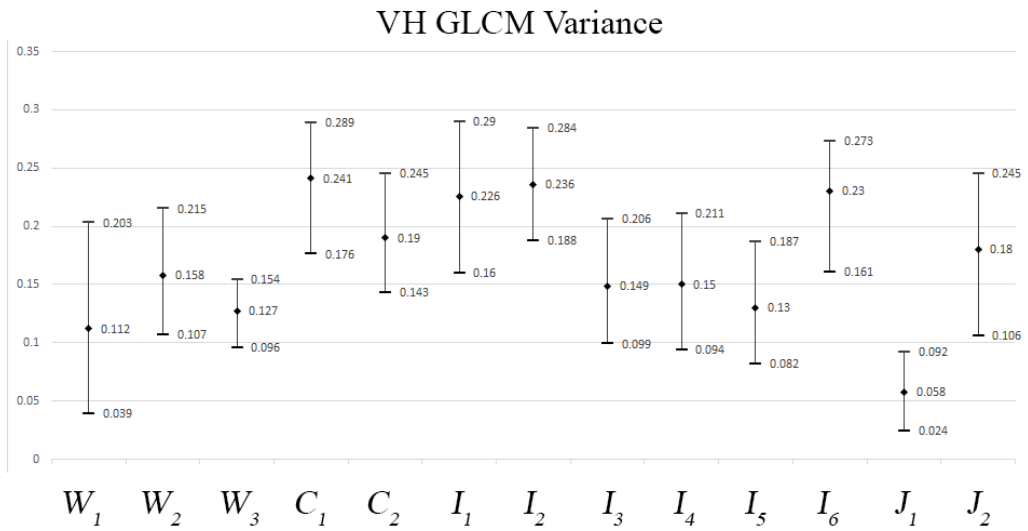


Figure S10. Zone values for VH polarization GLCM Variance feature

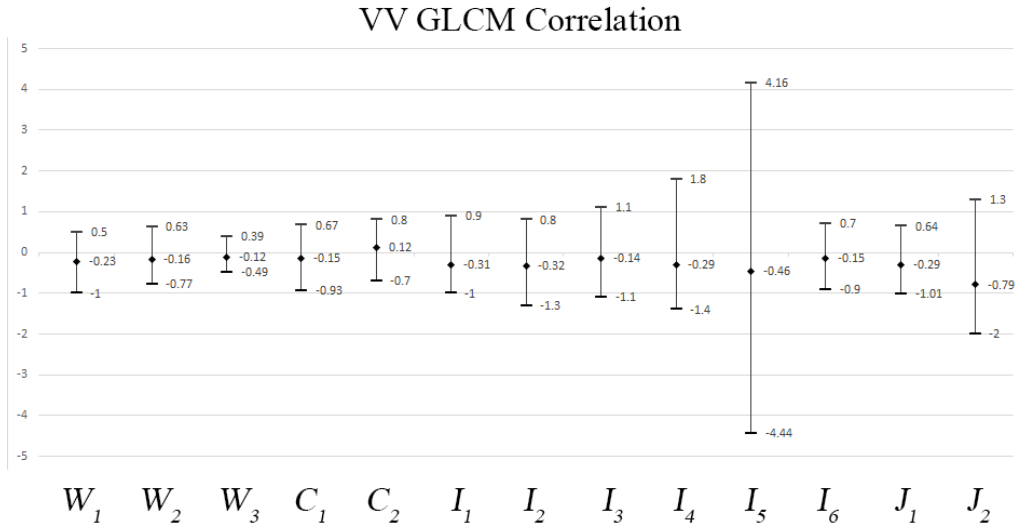


Figure S11. Zone values for VV polarization GLCM Correlation feature

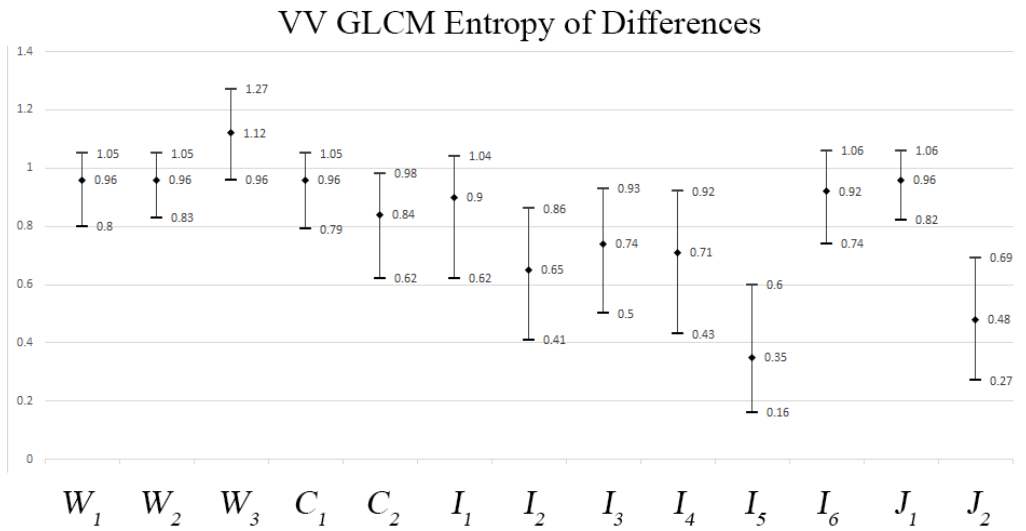


Figure S12. Zone values for VV polarization GLCM Entropy of Differences feature

VV GLCM Variance of Differences

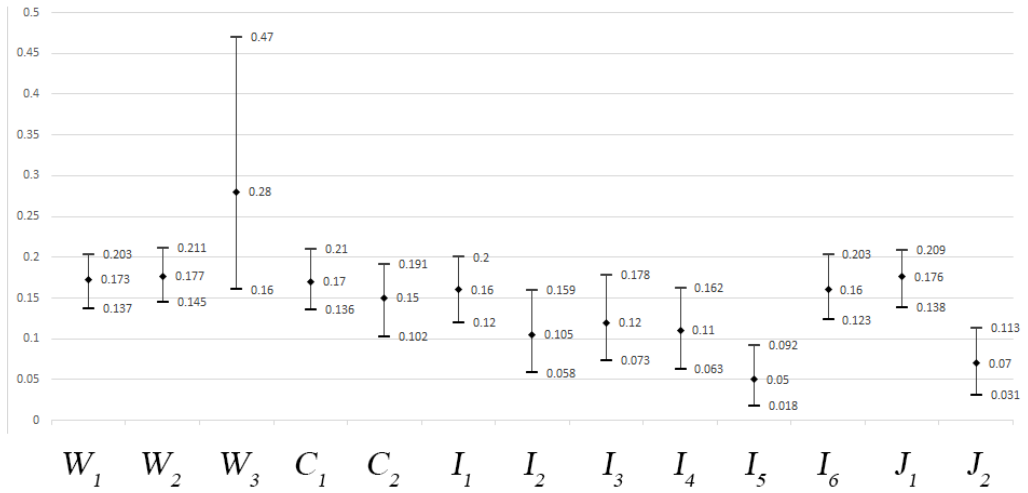


Figure S13. Zone values for VV polarization GLCM Variance of Differences feature

VV GLCM Energy

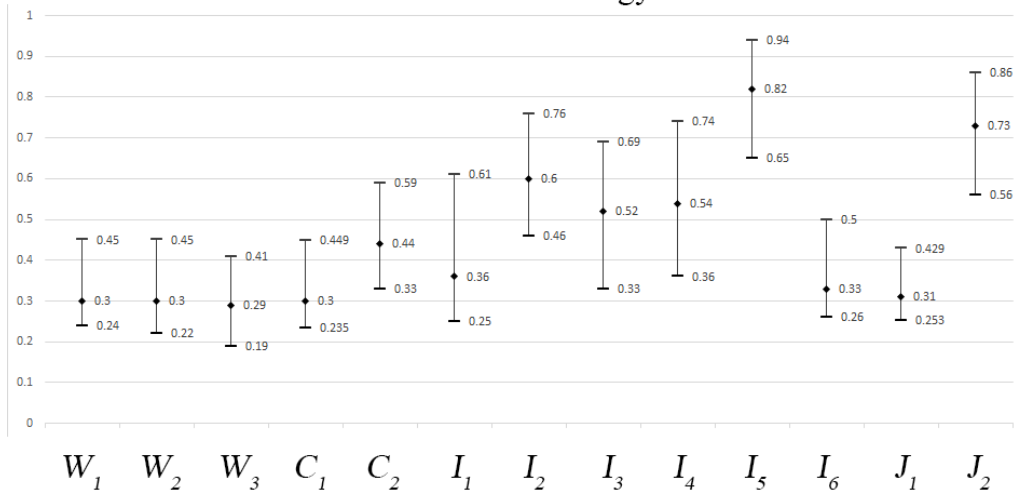


Figure S14. Zone values for VV polarization GLCM Energy feature

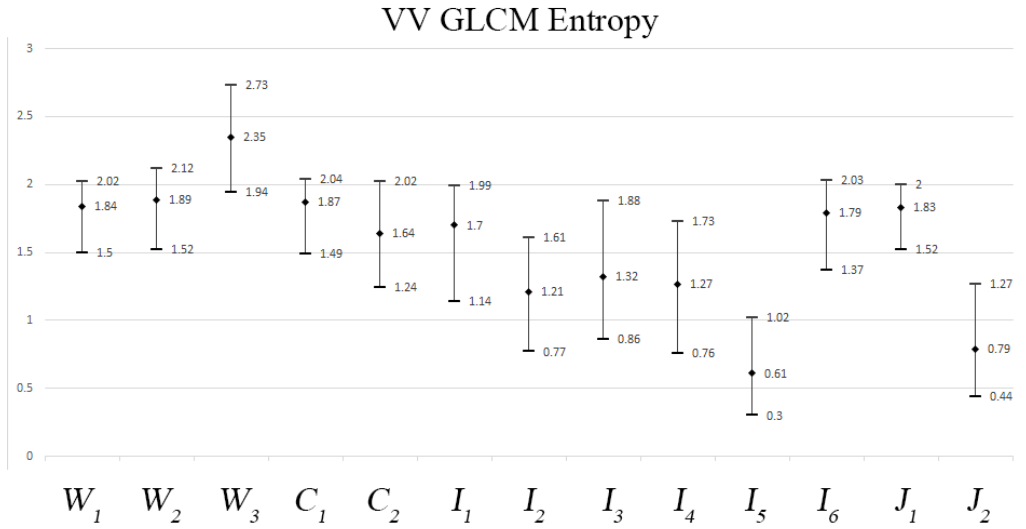


Figure S15. Zone values for VV polarization GLCM Entropy feature

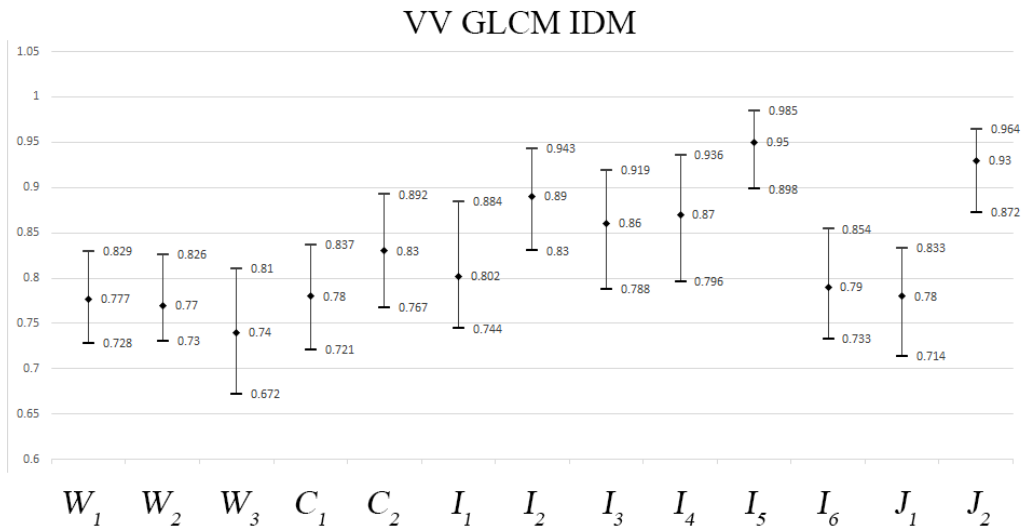


Figure S16. Zone values for VV polarization GLCM Inverse Difference Moment (IDM) feature

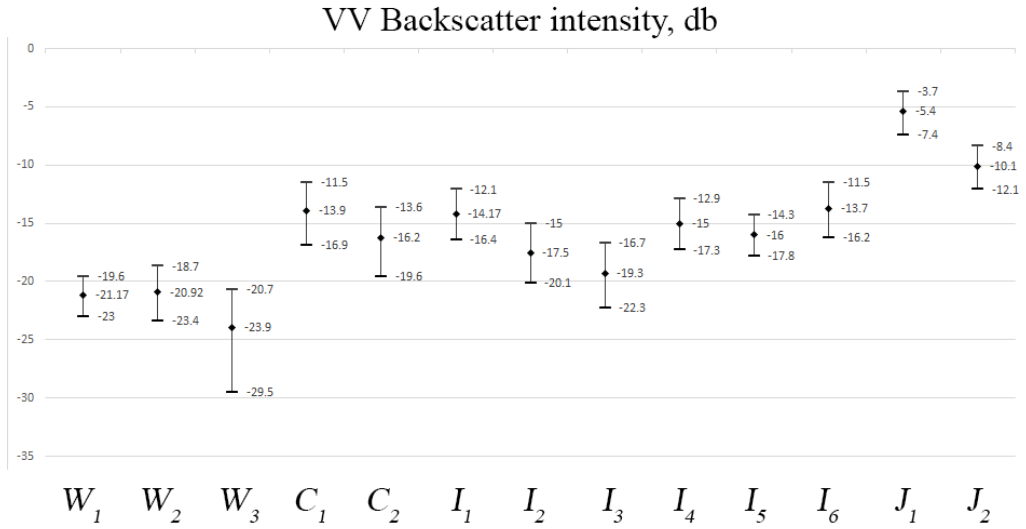


Figure S17. Zone values for VV polarization backscatter intensity image, in dB units

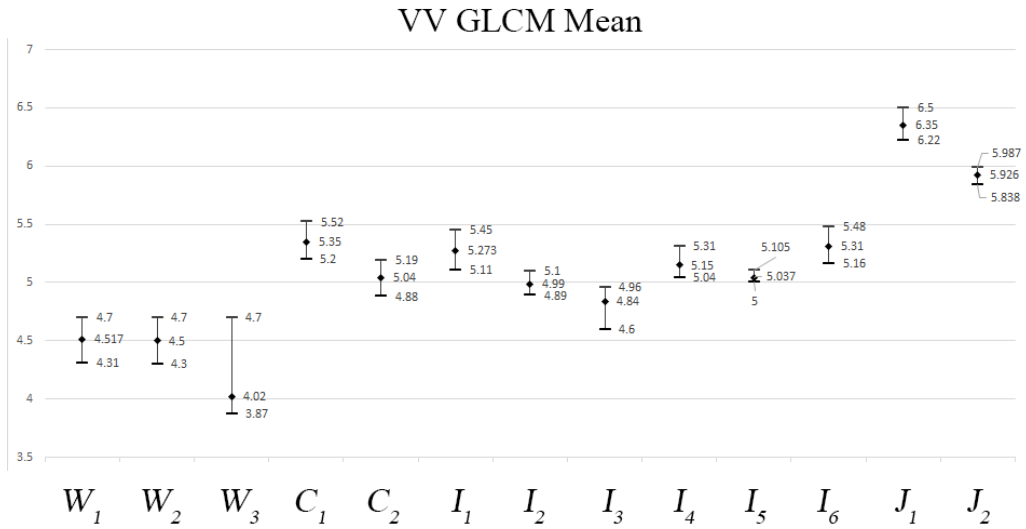


Figure S18. Zone values for VV polarization GLCM Mean feature

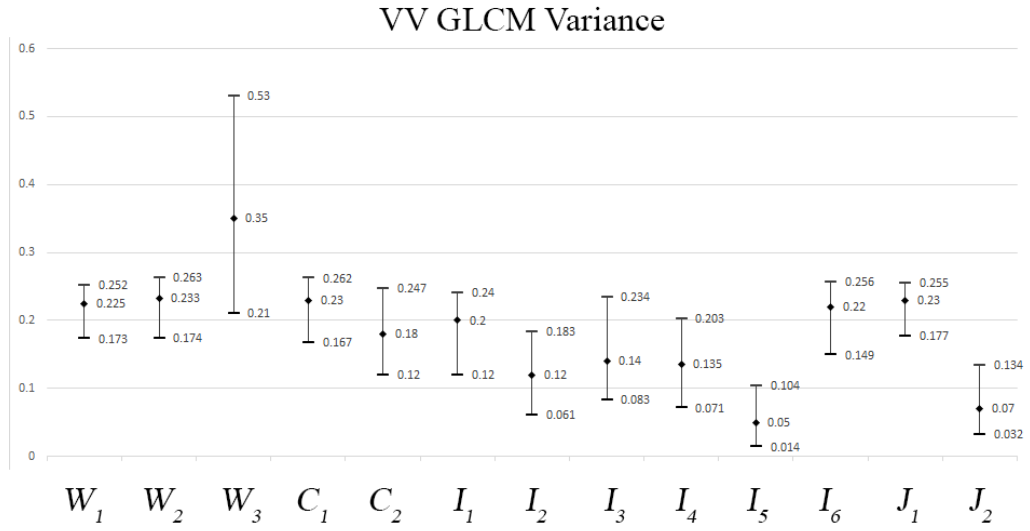


Figure S19. Zone values for VV polarization GLCM Variance feature