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Supplement of

Development of a Wilks feature importance method with improved variable rankings for supporting hydrological inference and modelling

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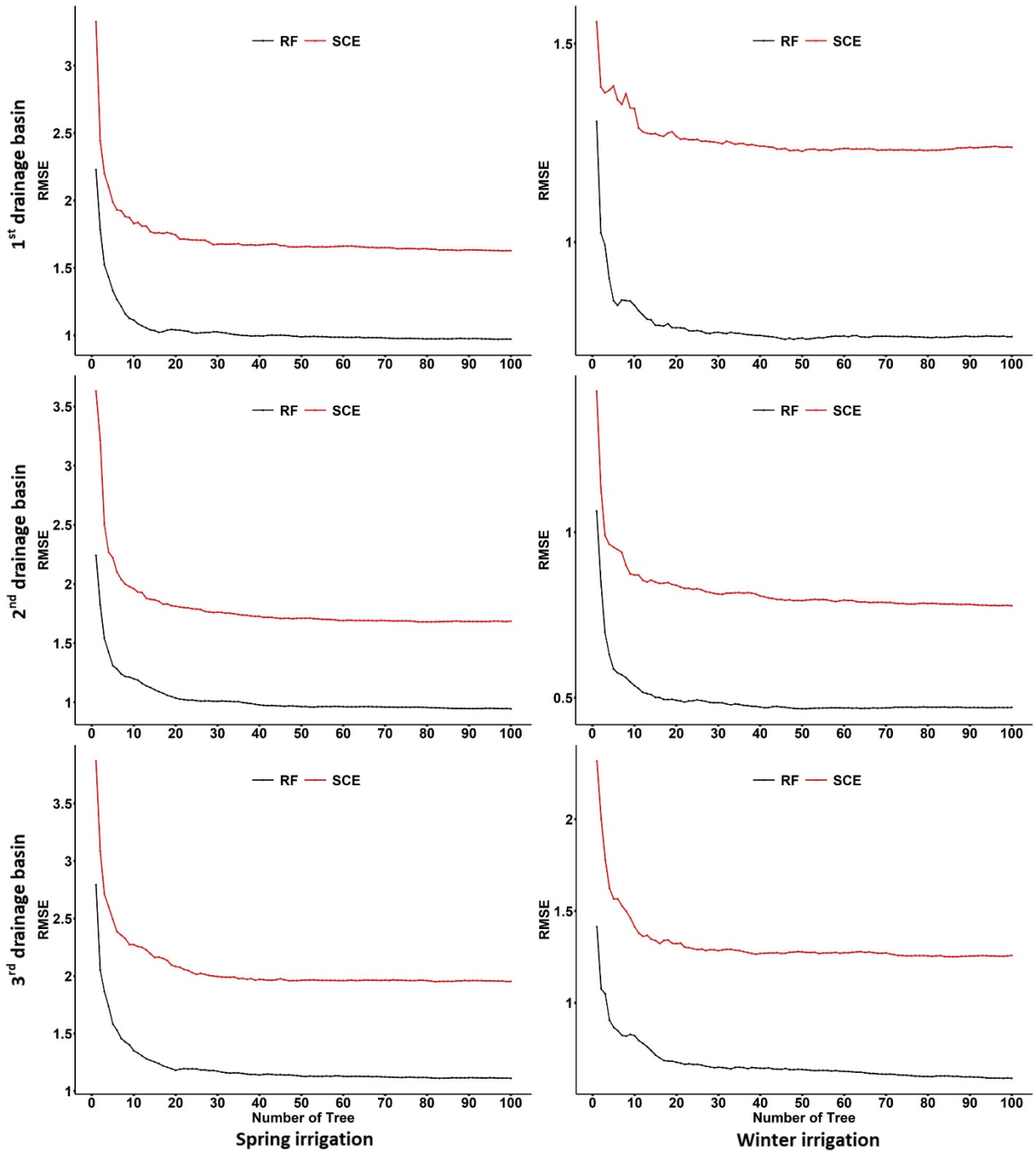

Figure S1. Convergence of the SCE and RF model based on RMSE for the training dataset.

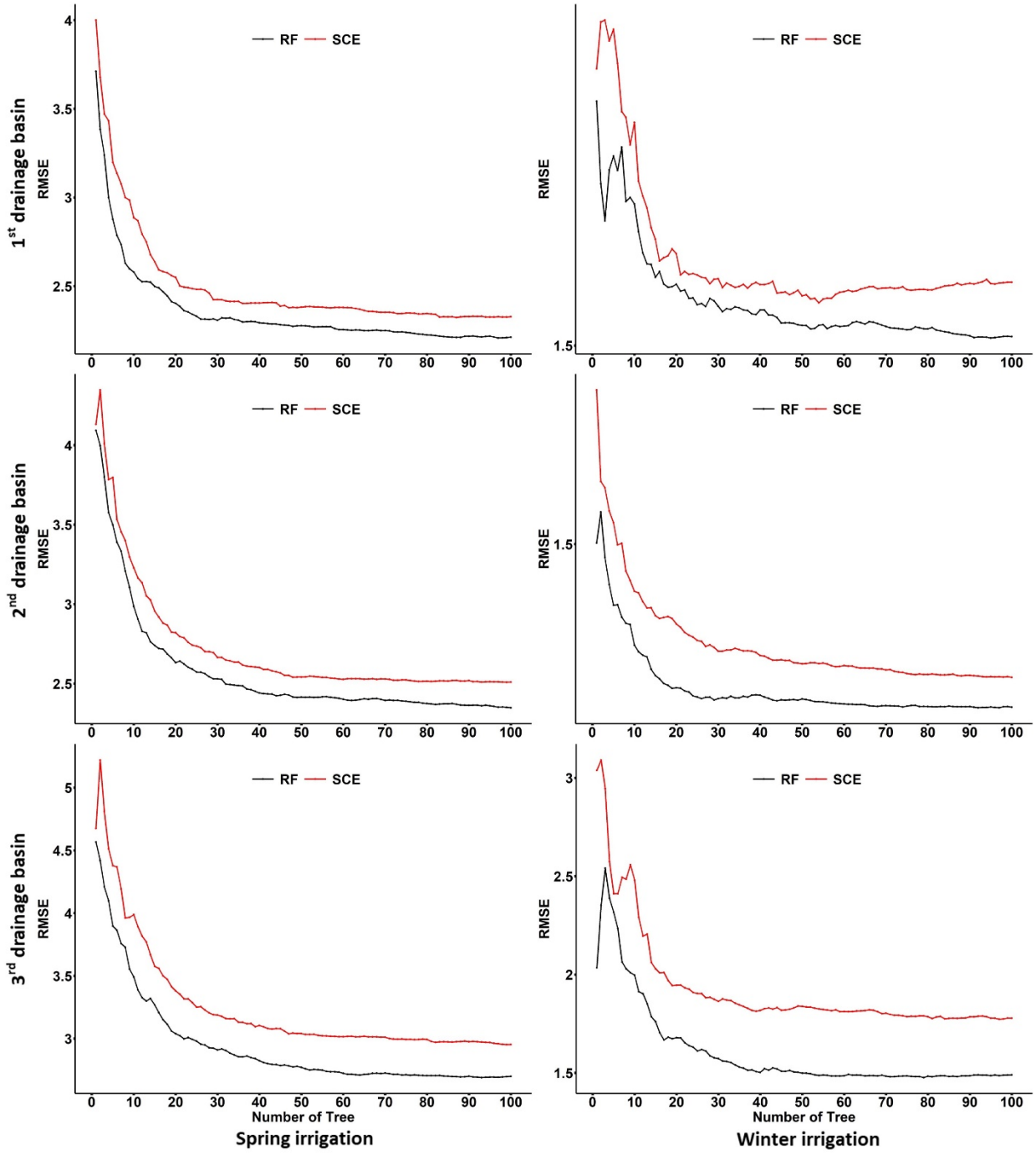

Figure S2. Convergence of the SCE and RF model based on RMSE for the OOB validation dataset.

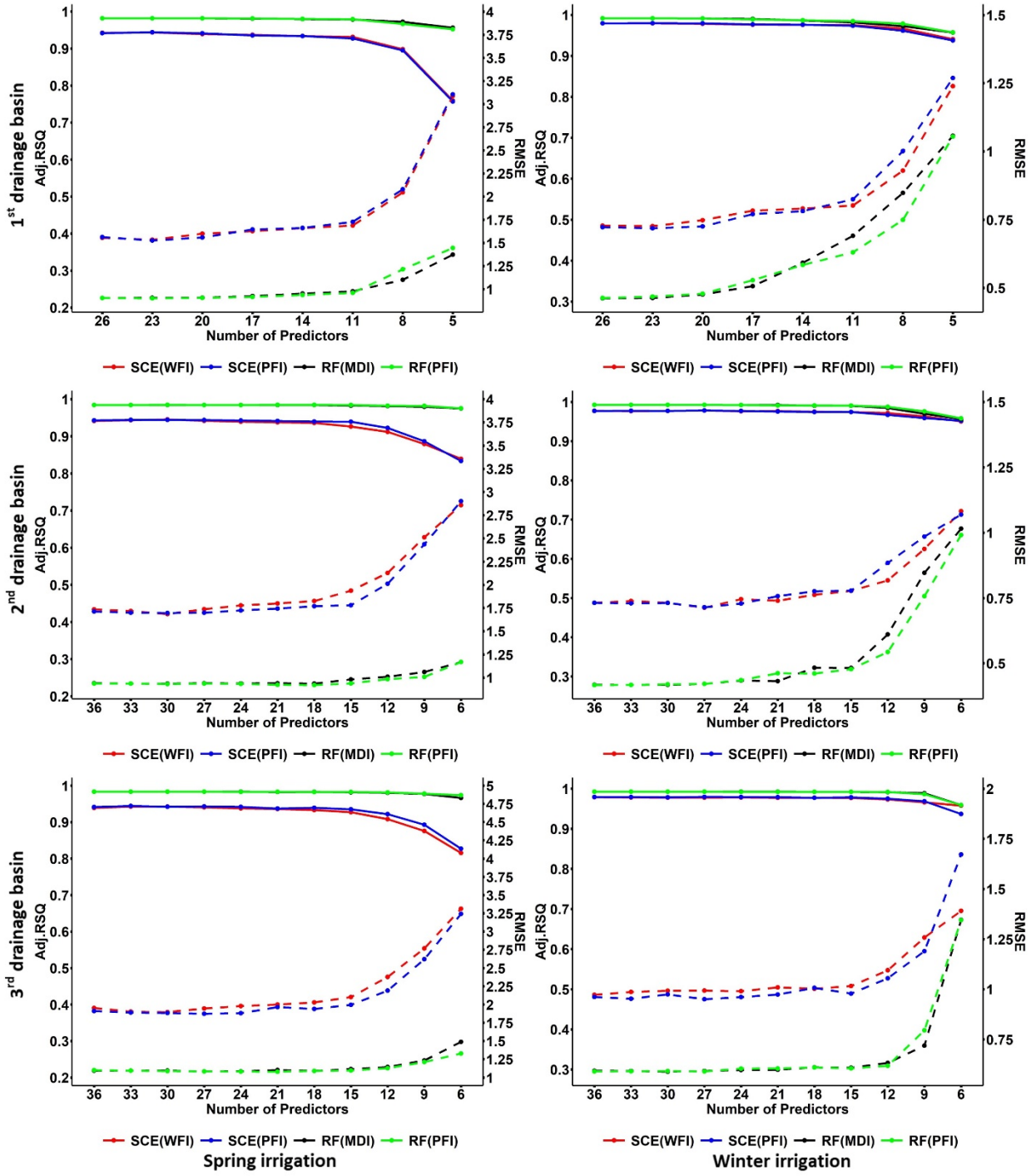

Figure S3. Iterative change in accuracy for the training dataset. Note that the solid lines indicate adjusted R^2, while the dashed lines represent RMSE.

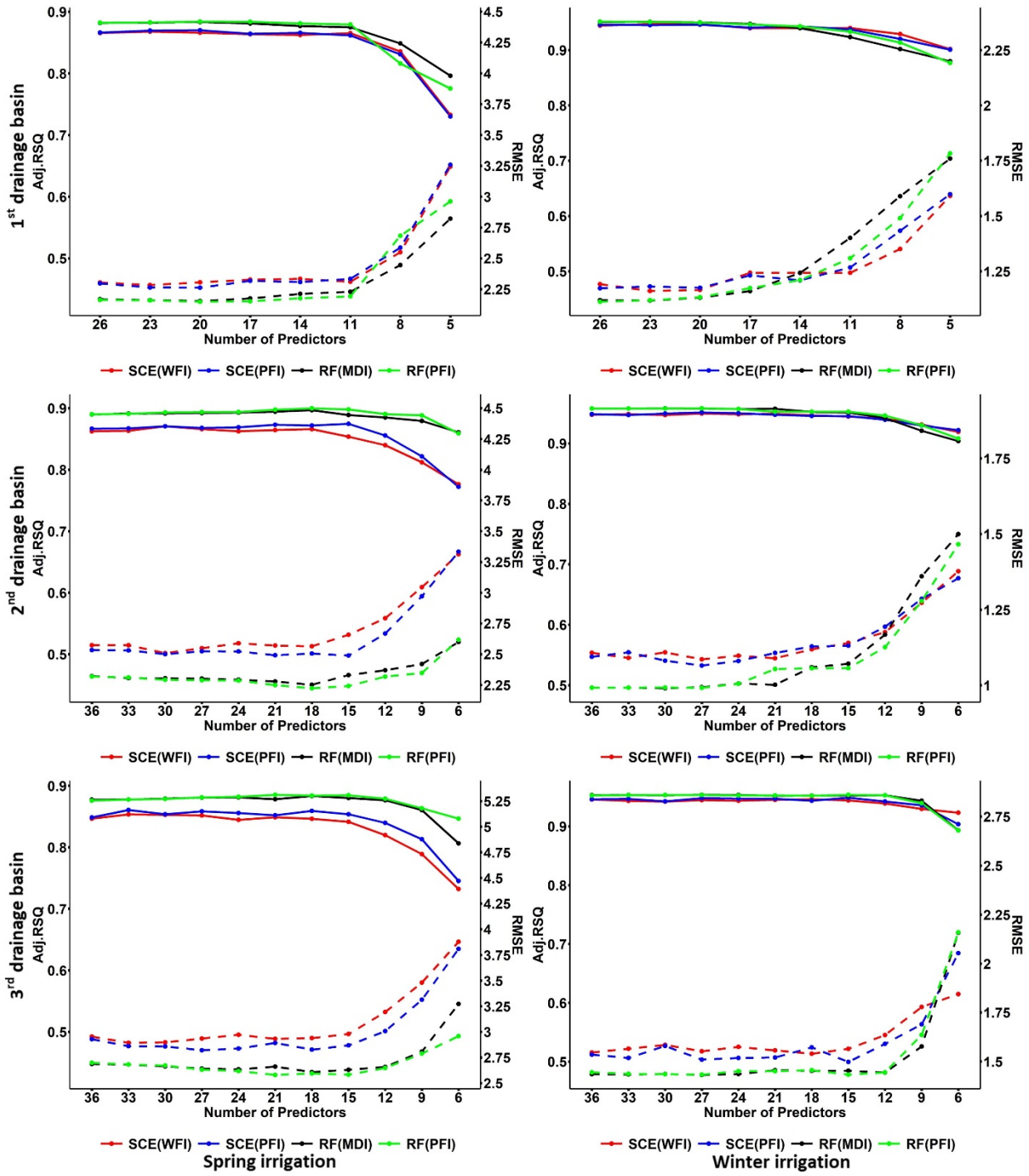

Figure S4. Iterative change in accuracy for the OOB validation dataset. Note that the solid lines indicate adjusted R^2, while the dashed lines represent RMSE.

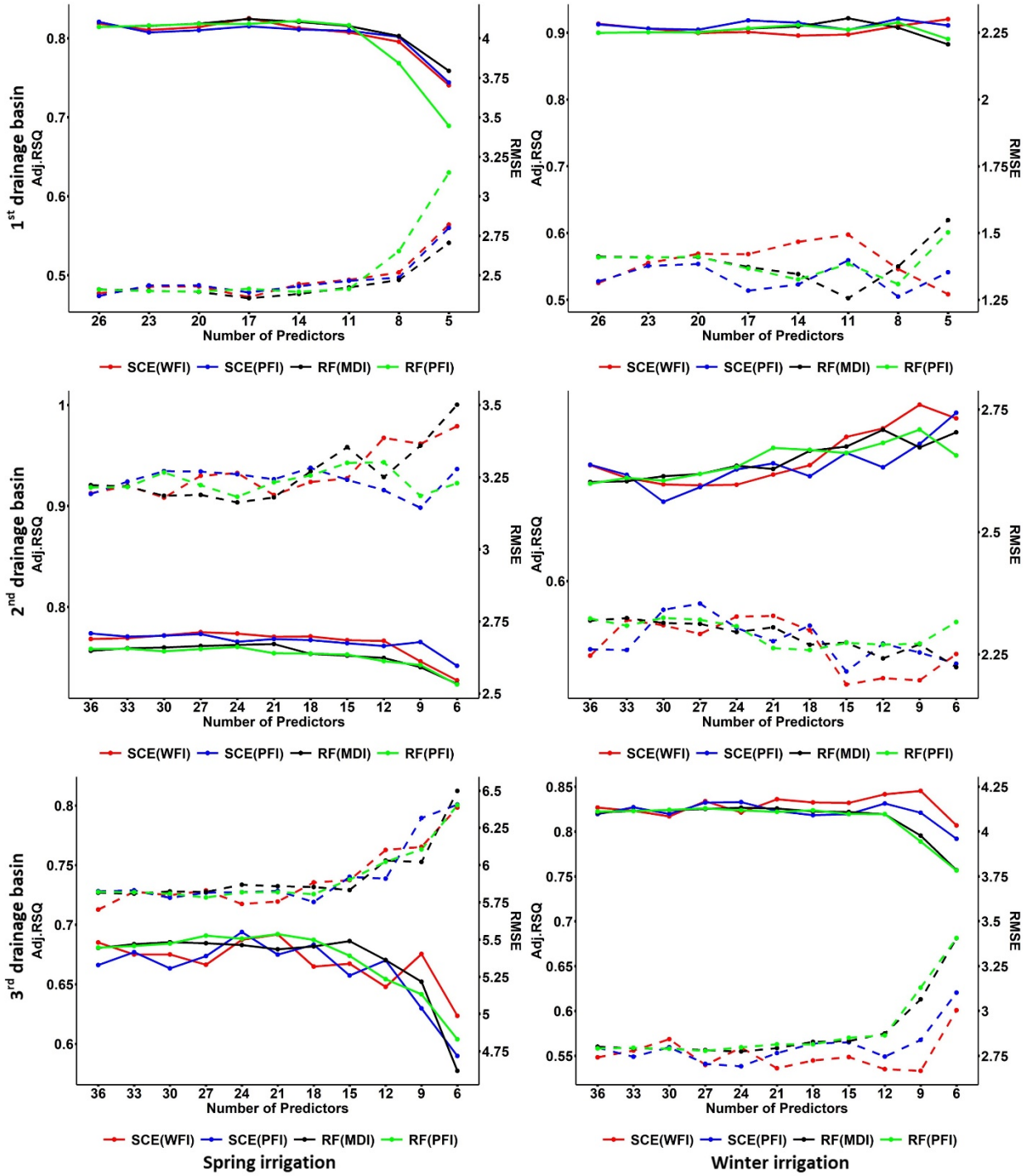

Figure S5. Iterative change in accuracy for the testing dataset. Note that the solid lines indicate adjusted R^2, while the dashed lines represent RMSE.