



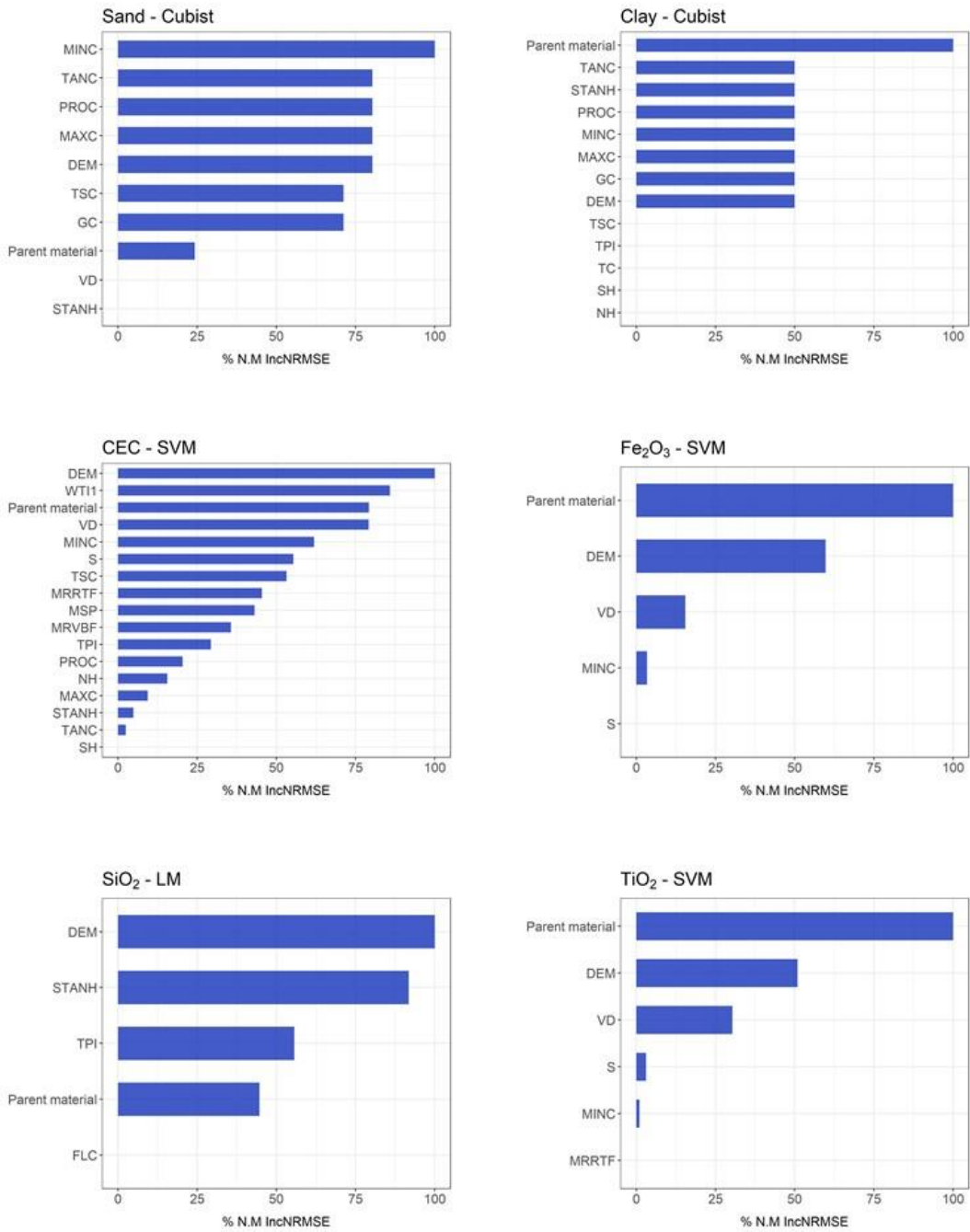
*Supplement of*

**A new methodological framework for geophysical sensor combinations associated with machine learning algorithms to understand soil attributes**

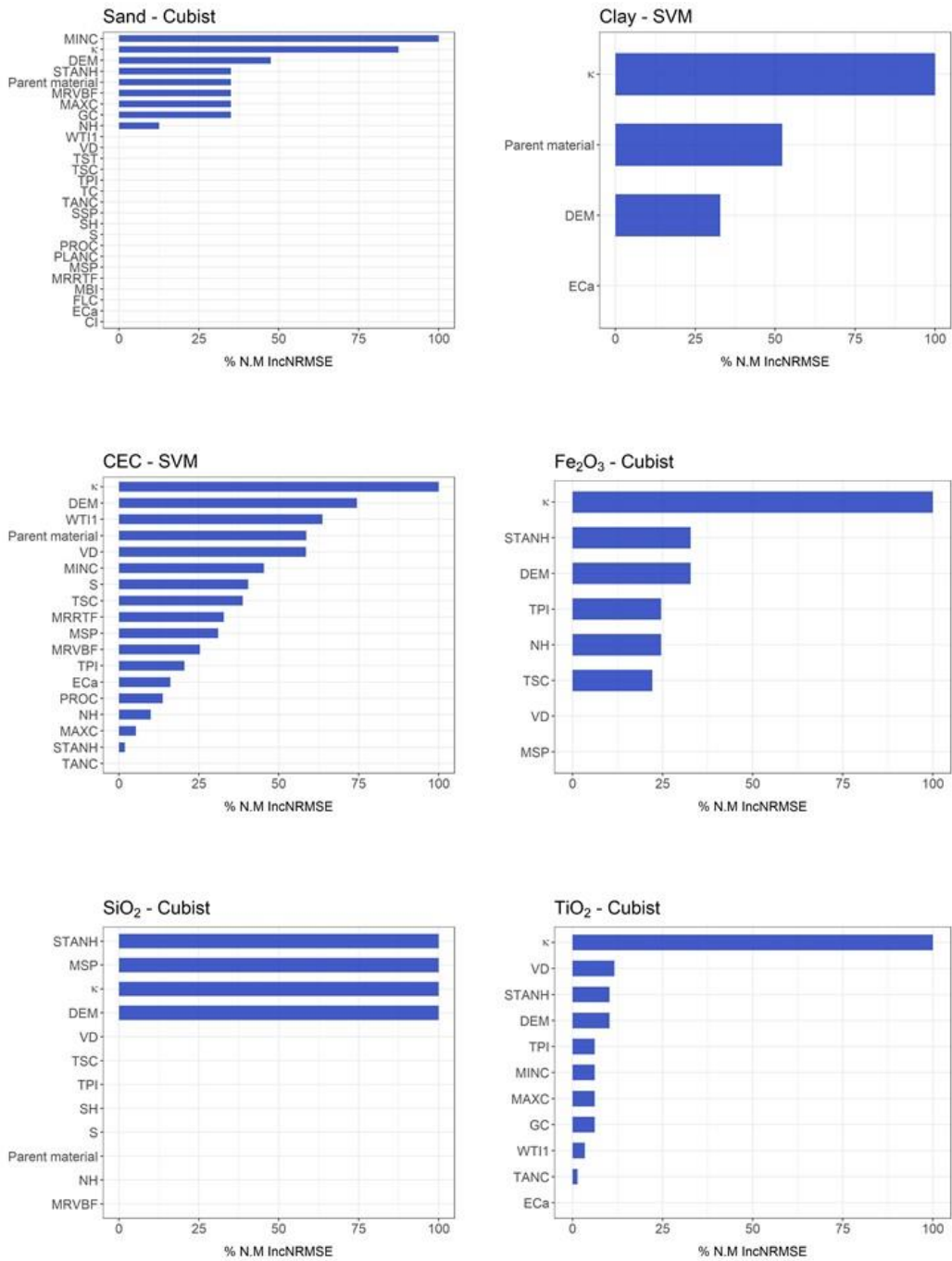
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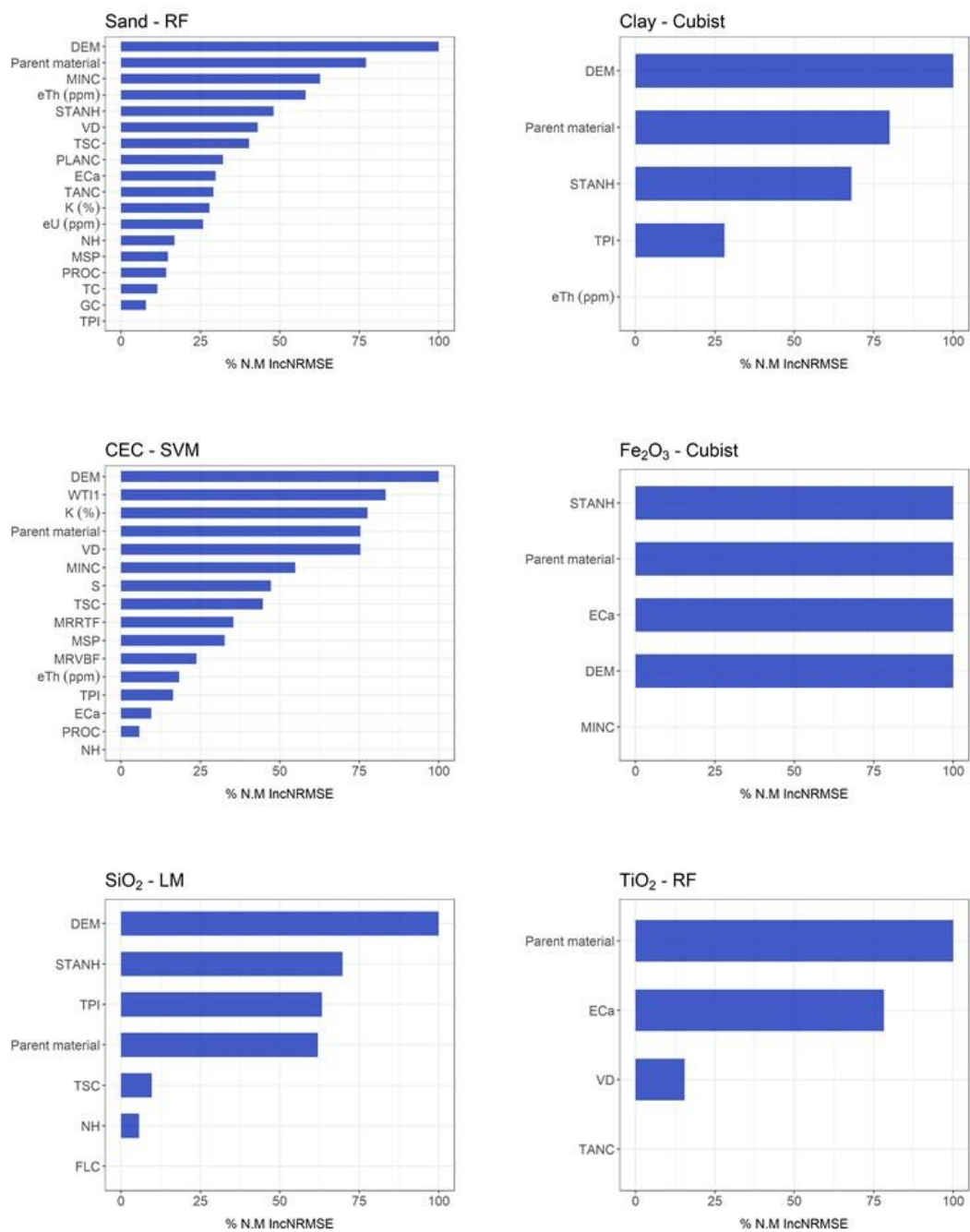
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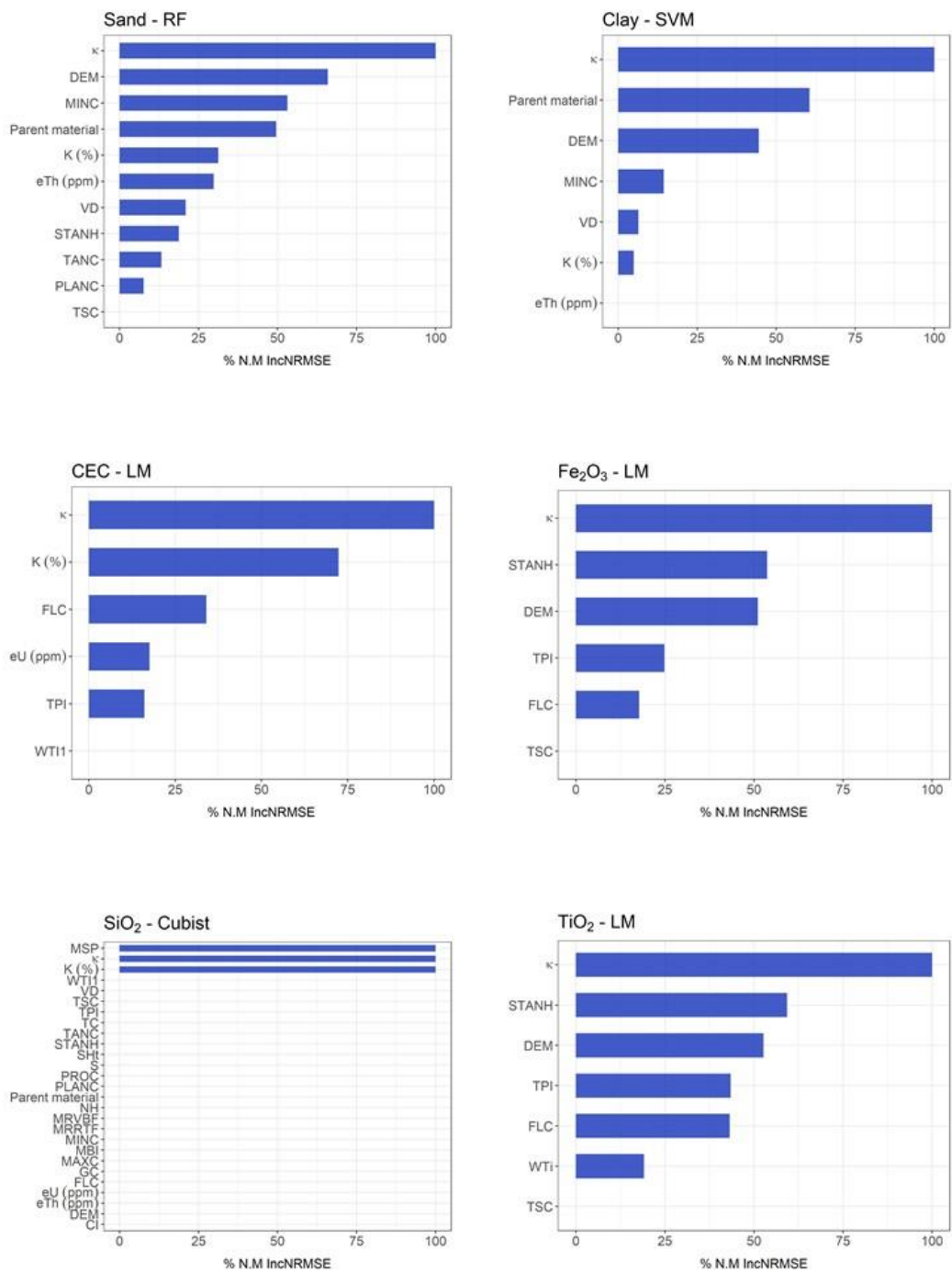
**Fig. S1** Variable Importance for *Non-use of geophysical sensors*



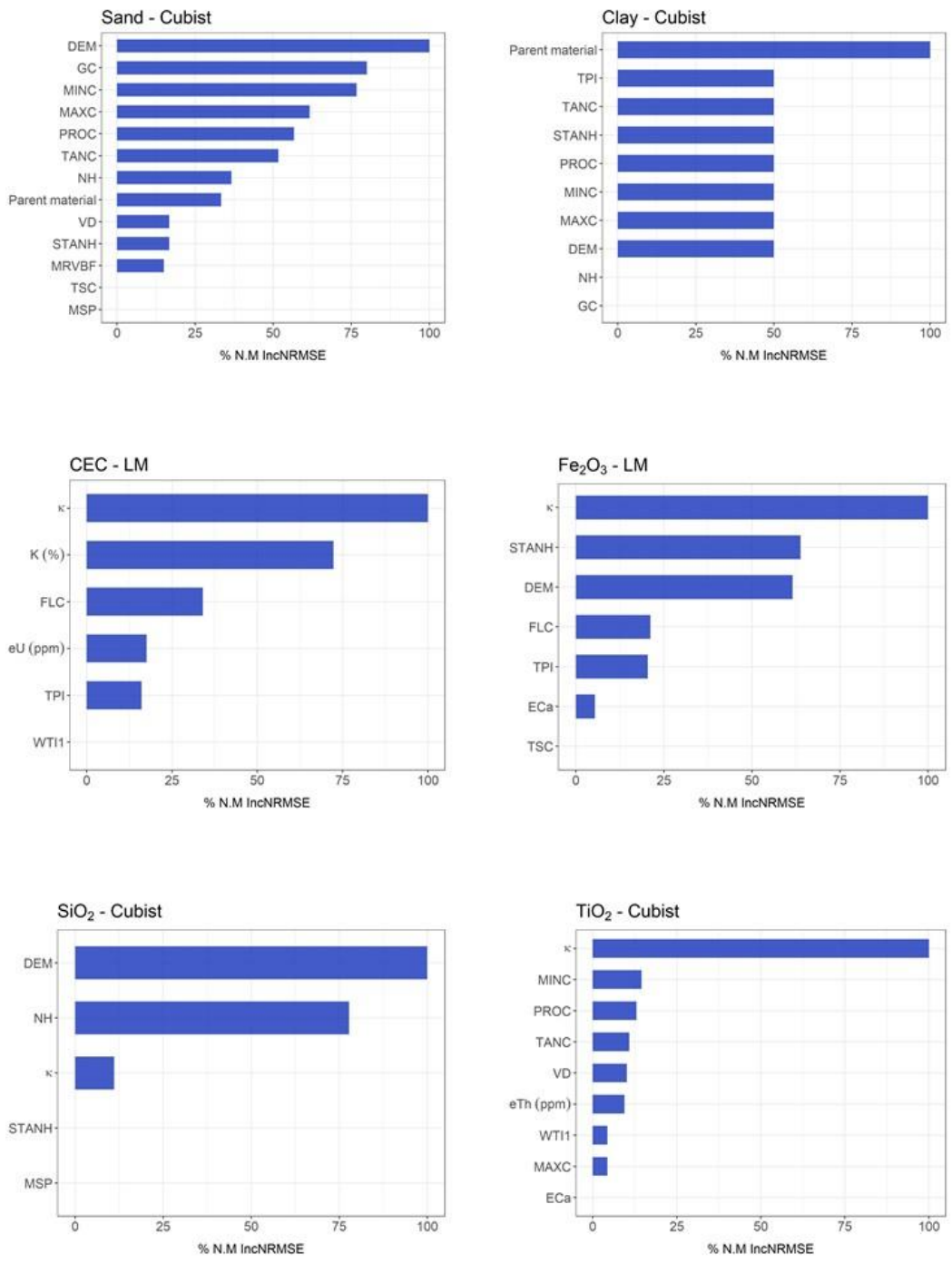
**Fig. S2** Variable Importance for *Susceptibilimeter + Conductivimeter* sensors



**Fig. S3** Variable Importance for *Gamma-ray spectrometer + Conductivimeter sensors*



**Fig. S4** Variable Importance for *Gamma-ray spectrometer + Susceptibilimeter sensors*



**Fig. S5** Variable Importance for *Combined use of the three geophysical sensors*