

Supplementary

Table S1. Ariyalur DT Accuracy assessment

[illegible]

Table S2. Perambalur RF accuracy assessment

[illegible]

Table S3. Mayiladuthurai RF accuracy assessment

[illegible]

OA = overall accuracy

PA= Producer accuracy

UA =User accuracy

The overall accuracy, which is defined as percentages of correctly classified cases lying along the diagonal, was determined as follows in Equation 1:

$$\textbf{Overall Accuracy} = \frac{\Sigma(\text{Correctly classified classes along diagonal})}{\Sigma(\text{Row Total or Column Total})} \quad (\text{Eqn. 1})$$

The errors of omission (producer's accuracy) of each class were computed by dividing the number of samples that were classified correctly by the total number of reference samples as follows in Equation 2:

$$\textbf{Producer's Accuracy} = \frac{\text{Number of correctly classified classes in a column}}{\text{Total number of items verified in that column}} \quad (\text{Eqn. 2})$$

The errors of commission (user's accuracy) of each class were computed by dividing the number of correctly classified samples of that class by the total number of samples that were verified as belonging to the class as follows in Equation 3:

$$\textbf{User's Accuracy} = \frac{\text{Number of correctly classified items in a row}}{\text{Total number of items verified in that row}} \quad (\text{Eqn. 3})$$