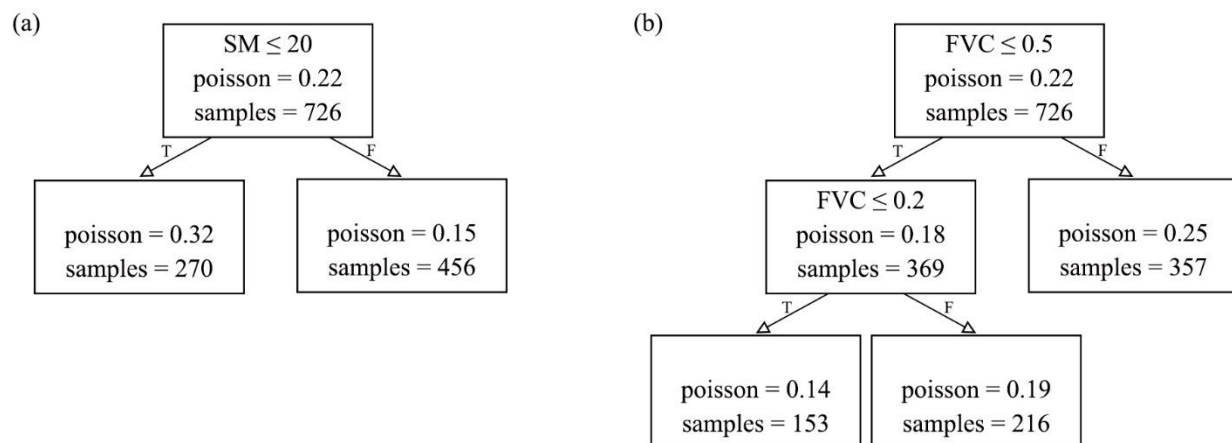


## Supplement 2: The results and performances of Decision Tree Regressor



**Figure S.1** The results and performances of Decision Tree Regressor for (a) surface soil moisture (SM) and (b) fractional vegetation cover (FVC). The “poisson” indicates the value of Poisson deviance, “samples” indicates the number of samples, “T” means True, and “F” means Fales.