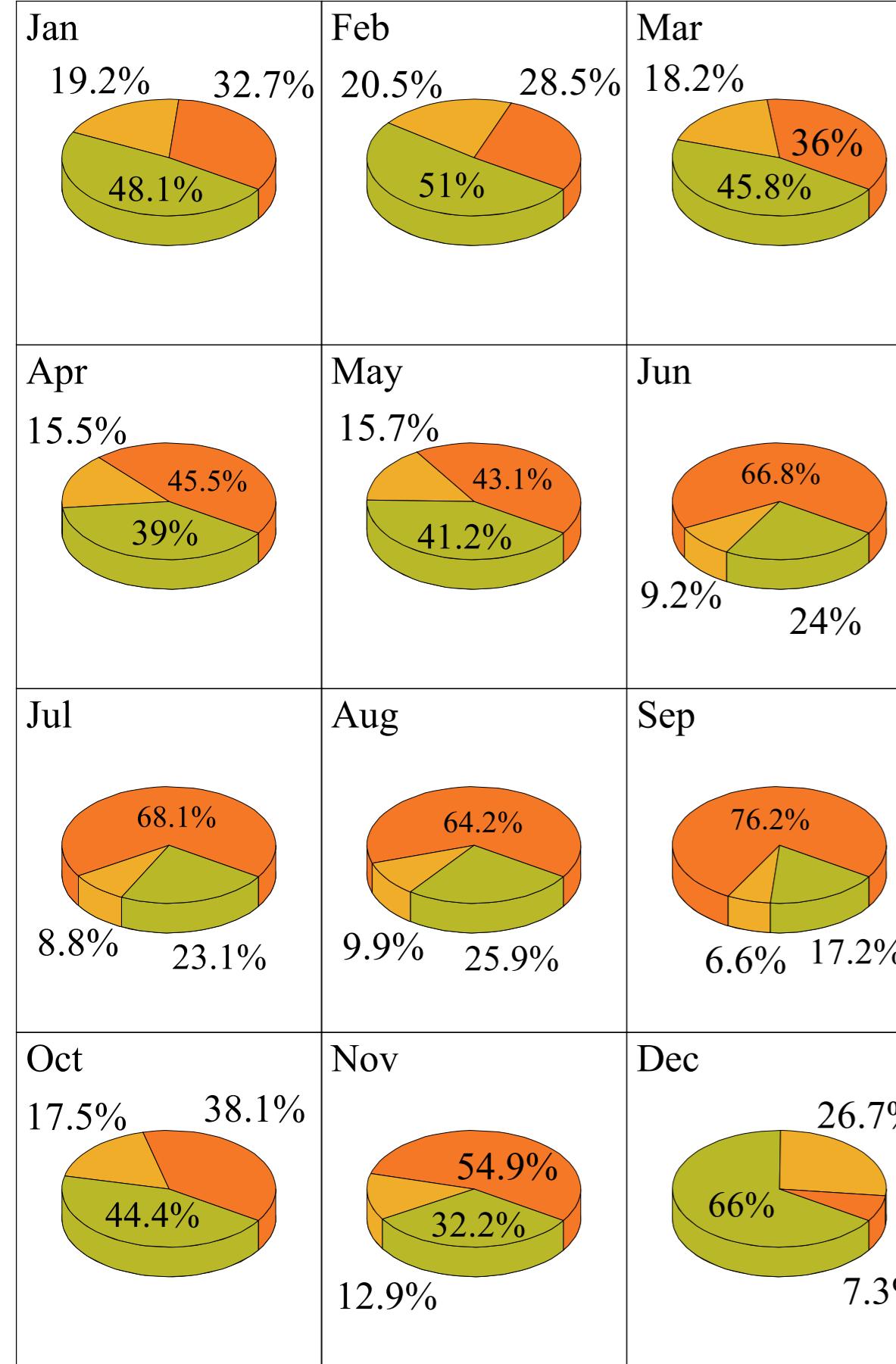


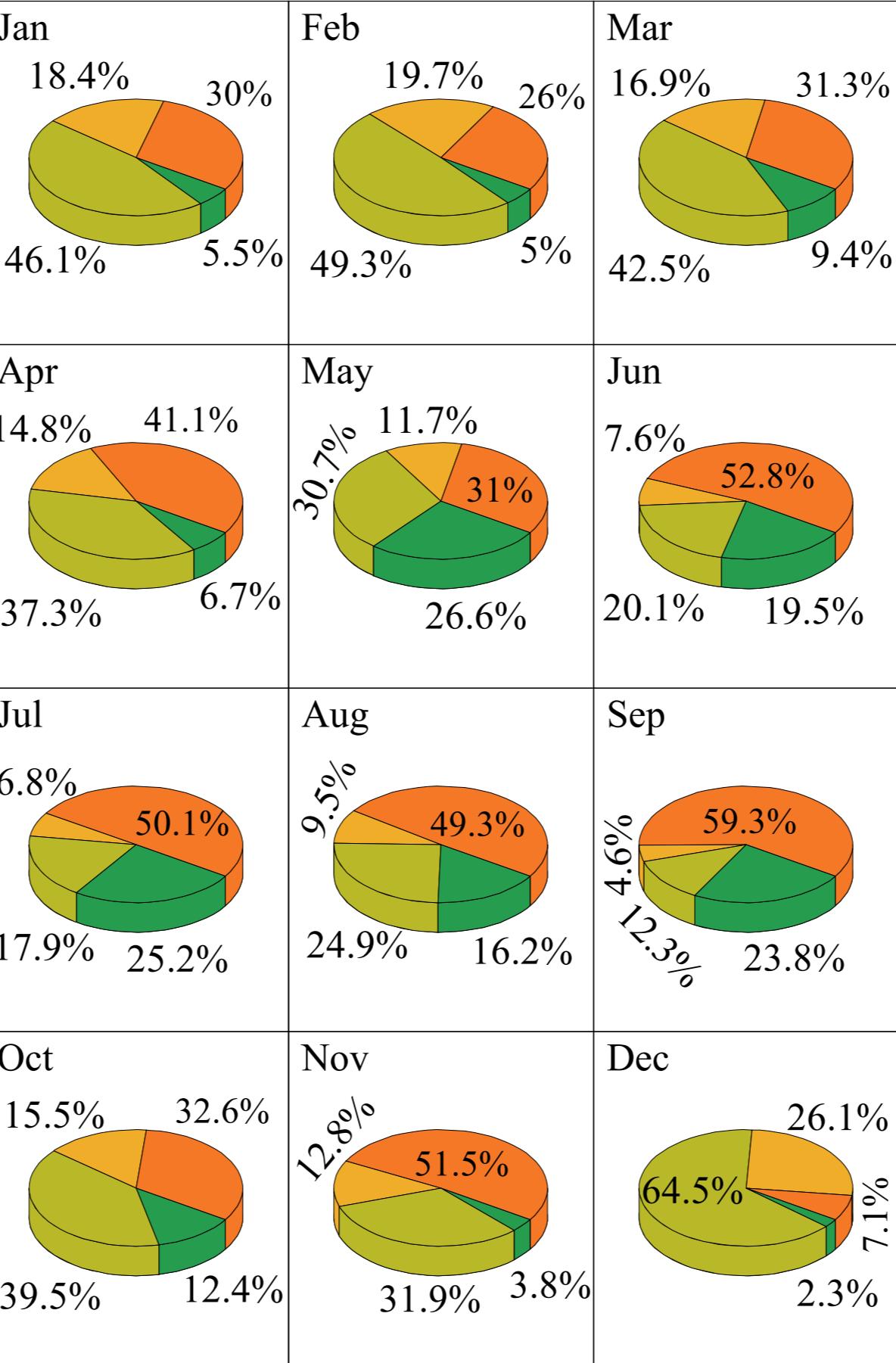
Original model

For observed and simulated TN during model validation, nRMSE = 51.67%;
NSI = 0.80; $r^2 = 0.97, p < 0.001, n = 12$



Upgraded model

For observed and simulated TN during model validation,
nRMSE = 42.55%; NSI = 0.86;
 $r^2 = 0.98, p < 0.001, n = 12$



Upgraded model

Components of PN

