Prediction of Algal Chlorophyll-a and Water Clarity in Monsoon-Region Reservoir using Machine Learning Approaches

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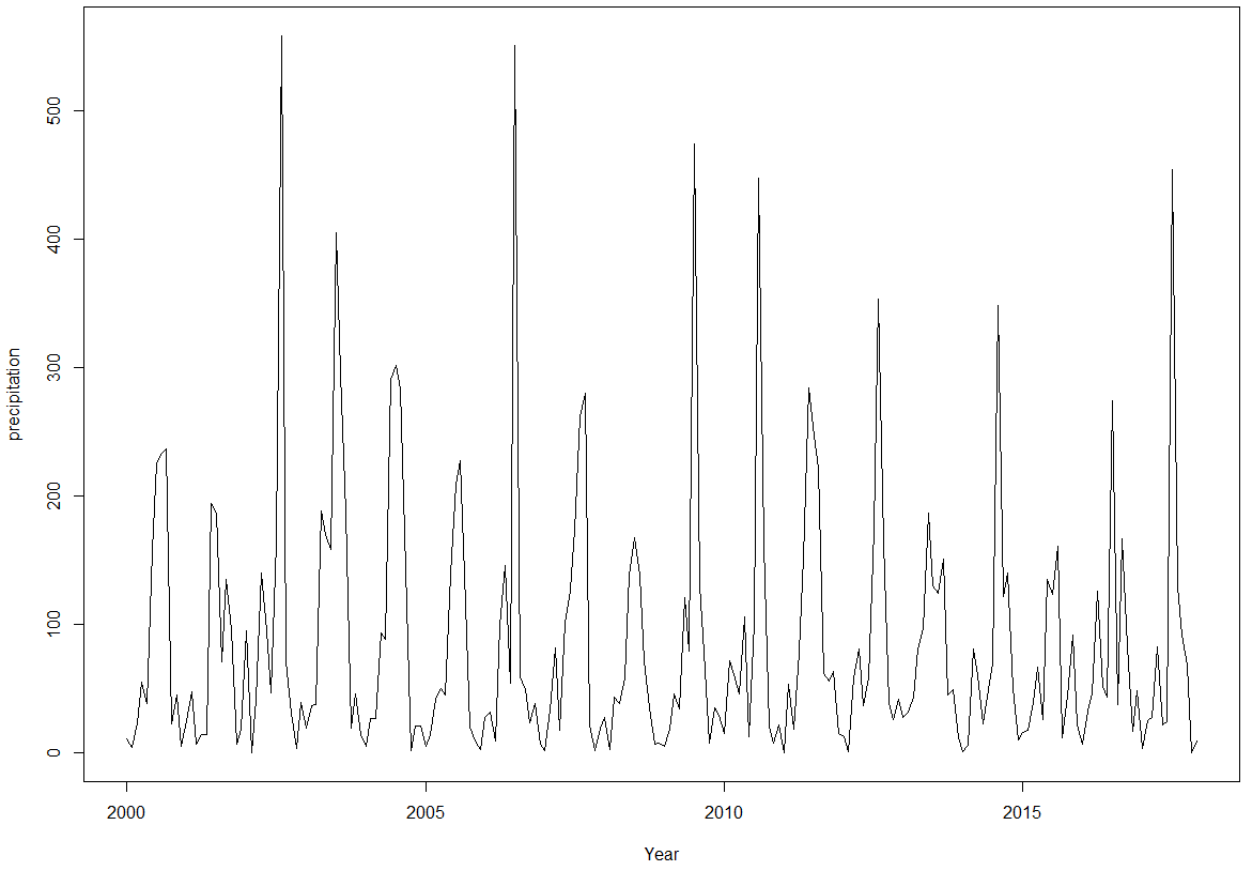

Figure S1. Time series plot of precipitation from 2010 to 2017.

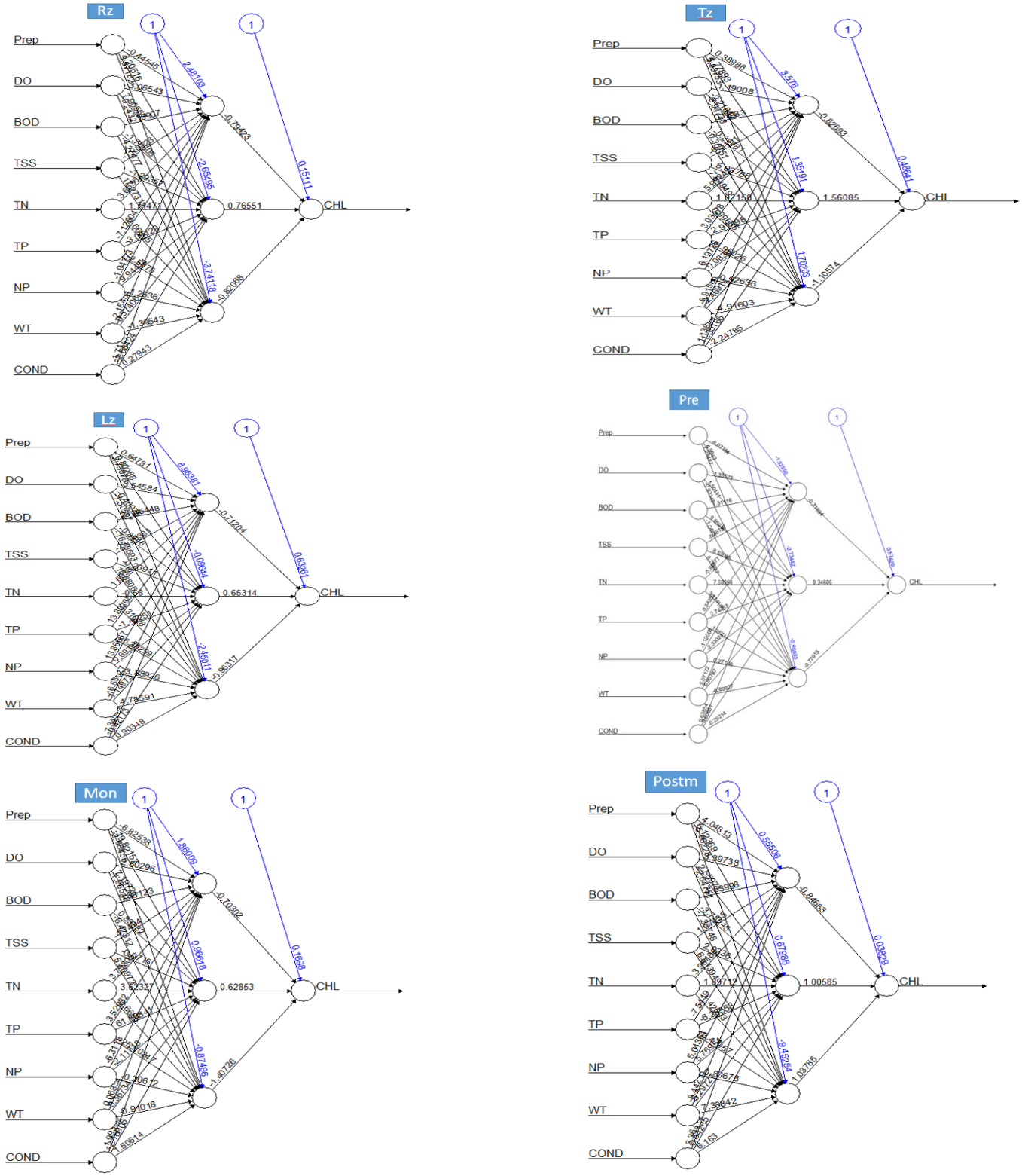

Figure S2. Structure of artificial neural network model of Rz, Tz, Lz, Pre, Mon, Postm to predict chlorophyll–a (Rz—Riverine zone, Tz—transitional zone, Lz—lacustrine zone, Pre—premonsoon, Mon—monsoon and Postm—postmonsoon).

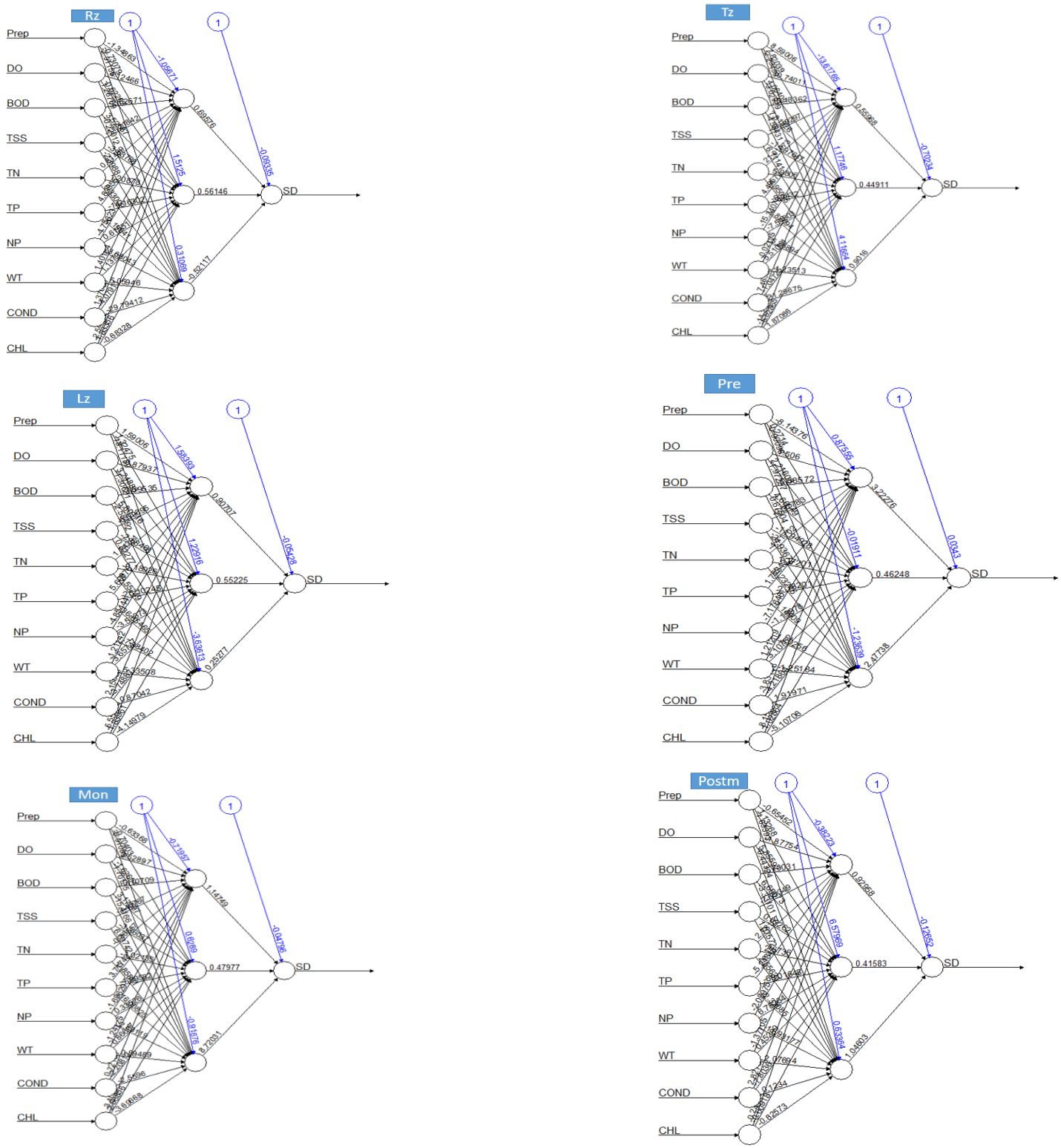

Figure S3. Structure of artificial neural network model of Rz, Tz, Lz, Pre, Mon, Postm to predict transparency (Secchi depth) (Rz—Riverine zone, Tz—transitional zone, Lz—lacustrine zone, Pre—premonsoon, Mon—monsoon and Postm—postmonsoon).