1. Use the ks\_RMSE.m file to input data, the fitted marginal distribution function and time scale, and test the goodness of fit for the marginal distributions.

2. Use the uni\_para\*\*\*.m file to calculate the parameters of the marginal distribution function that best fits the different vegetation types.

3. Using the Divid\_AIC2.m file, input the data, the fitted copula distribution function and time scale, and view the Akaike Information Criterion (AIC), Bayesian Information Criterion (BIC) and root mean square error (RMSE) values of the fitted two-dimensional copula function; similarly, use the Divid\_AIC3.m file, input data, the fitted copula distribution function and time scale, check the AIC, BIC and RMSE values of the fitted three-dimensional copula function, and then evaluate the goodness of fit.

4. Use the index\_\*\*\*.m file to calculate the comprehensive remote sensing drought index (CRSDI).

5. Run the example.m file to calculate the CRSDI of three-month time scale of forest area.