

<><> General Information <><>

Test: 74  
ID: GW036872.1.1  
Region: Coastal  
Latitude: -30.923963  
Longitude: 153.044423  
Data Start: 01/05/2010  
Data End: 31/08/2021  
Average Period: 30  
Train Set Split: 80.0%  
Test Set Split: 20.0%  
Lag(s): 3  
Lead(s): 1  
Output: av\_swl  
Input 1: av\_swl  
Input 2: av\_daily\_rain  
Input 3: av\_dd  
Input 4: av\_sm\_pct

<><> Run Identifiers <><>

Run 1: 2022\_10\_07\_\_11\_46\_50  
Run 2: 2022\_10\_07\_\_11\_47\_24  
Run 3: 2022\_10\_07\_\_11\_47\_47  
Run 4: 2022\_10\_07\_\_11\_48\_11  
Run 5: 2022\_10\_07\_\_11\_48\_55  
Run 6: 2022\_10\_07\_\_11\_49\_23  
Run 7: 2022\_10\_07\_\_11\_49\_51  
Run 8: 2022\_10\_07\_\_11\_50\_17  
Run 9: 2022\_10\_07\_\_11\_50\_43  
Run 10: 2022\_10\_07\_\_11\_51\_11

<><> LSTM <><>

Average Train Root Mean Squared Error:	0.08092893710175762
Average Train Mean Squared Error:	0.006552725028697831
Average Train Normalised Root Mean Squared Error:	0.10309264958964952
Average Train Coefficient of Determination:	0.7373293378713444
Average Train Normalised Nash Sutcliffe Efficiency:	0.7920399012085281
Average Train Mean Absolute Error:	0.06394332382684206
Average Train Pearson's Correlation Coefficient:	0.9259571127645566
Average Train Index of Agreement:	0.89184027338942
Average Train Kling-Gupta Efficiency:	0.5747513523472776
Average Train Mean Bias Error:	-0.0034389193000857873
Average Train Mean Absolute Percentage Error:	0.052013166072748106

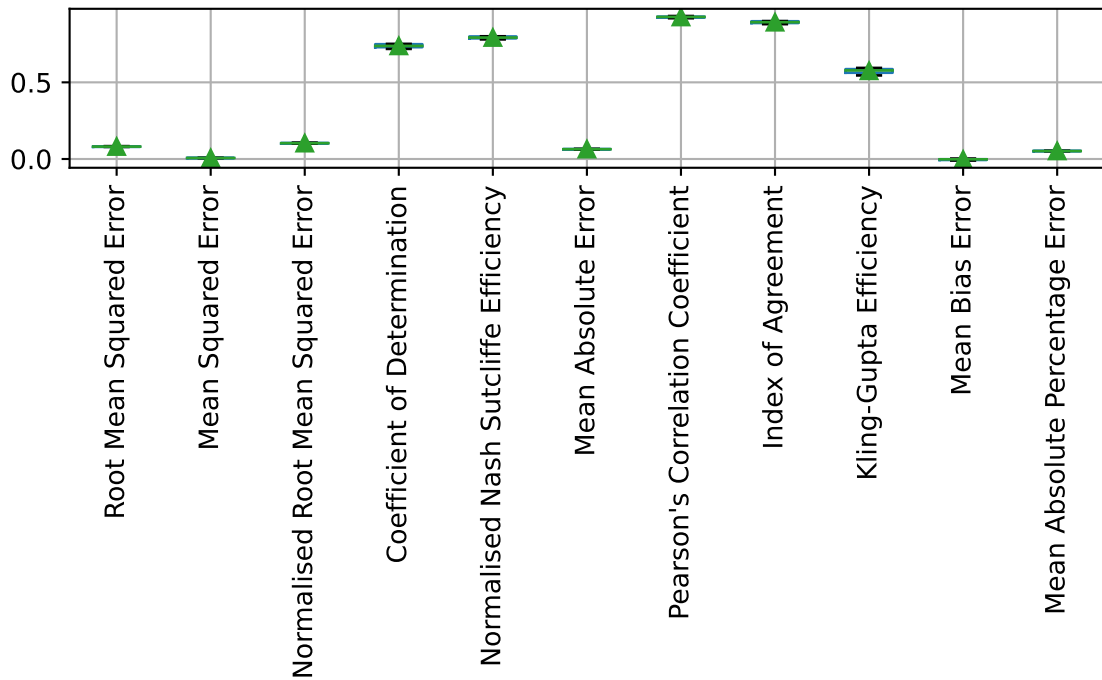
Average Test Root Mean Squared Error:	0.13977247467416037
Average Test Mean Squared Error:	0.01955969586353184
Average Test Normalised Root Mean Squared Error:	0.13977247467416037
Average Test Coefficient of Determination:	0.7384732115013979
Average Test Normalised Nash Sutcliffe Efficiency:	0.7928568801041991
Average Test Mean Absolute Error:	0.11635540570638739
Average Test Pearson's Correlation Coefficient:	0.9518163694204791
Average Test Index of Agreement:	0.8888560379061186
Average Test Kling-Gupta Efficiency:	0.545268304302399
Average Test Mean Bias Error:	-0.017783575620054524
Average Test Mean Absolute Percentage Error:	0.10323506573641435

<><> SVR <><>

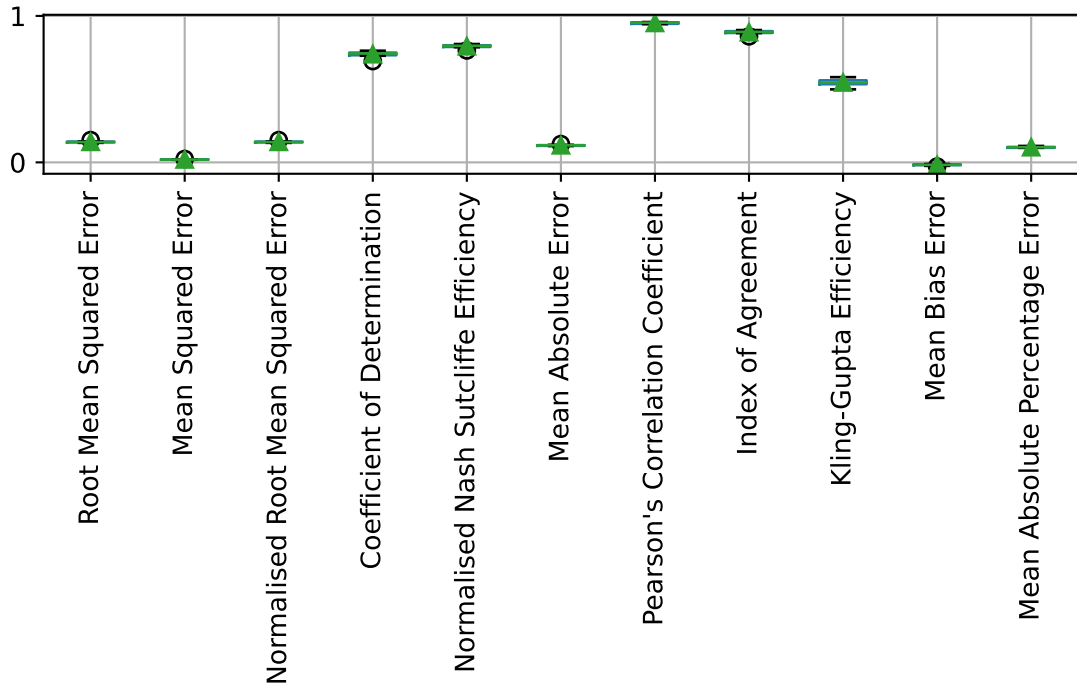
Average Train Root Mean Squared Error:	0.061362583301621046
Average Train Mean Squared Error:	0.0037653666294483806
Average Train Normalised Root Mean Squared Error:	0.07816772992181442
Average Train Coefficient of Determination:	0.849062589780164
Average Train Normalised Nash Sutcliffe Efficiency:	0.8688569779037716
Average Train Mean Absolute Error:	0.050416278246323123
Average Train Pearson's Correlation Coefficient:	0.9339458956126988
Average Train Index of Agreement:	0.9512570303802601
Average Train Kling-Gupta Efficiency:	0.773997082697269
Average Train Mean Bias Error:	-0.004196967715013958
Average Train Mean Absolute Percentage Error:	0.040724241287879985

Average Test Root Mean Squared Error:	0.15213250023066321
Average Test Mean Squared Error:	0.02314429762643275
Average Test Normalised Root Mean Squared Error:	0.15213250023066321
Average Test Coefficient of Determination:	0.690544583488026
Average Test Normalised Nash Sutcliffe Efficiency:	0.7636762484542795
Average Test Mean Absolute Error:	0.1239555995387649
Average Test Pearson's Correlation Coefficient:	0.9113394131300472
Average Test Index of Agreement:	0.8655894724118884
Average Test Kling-Gupta Efficiency:	0.5320775397130929
Average Test Mean Bias Error:	-0.0149461571593183
Average Test Mean Absolute Percentage Error:	0.1123350248387551

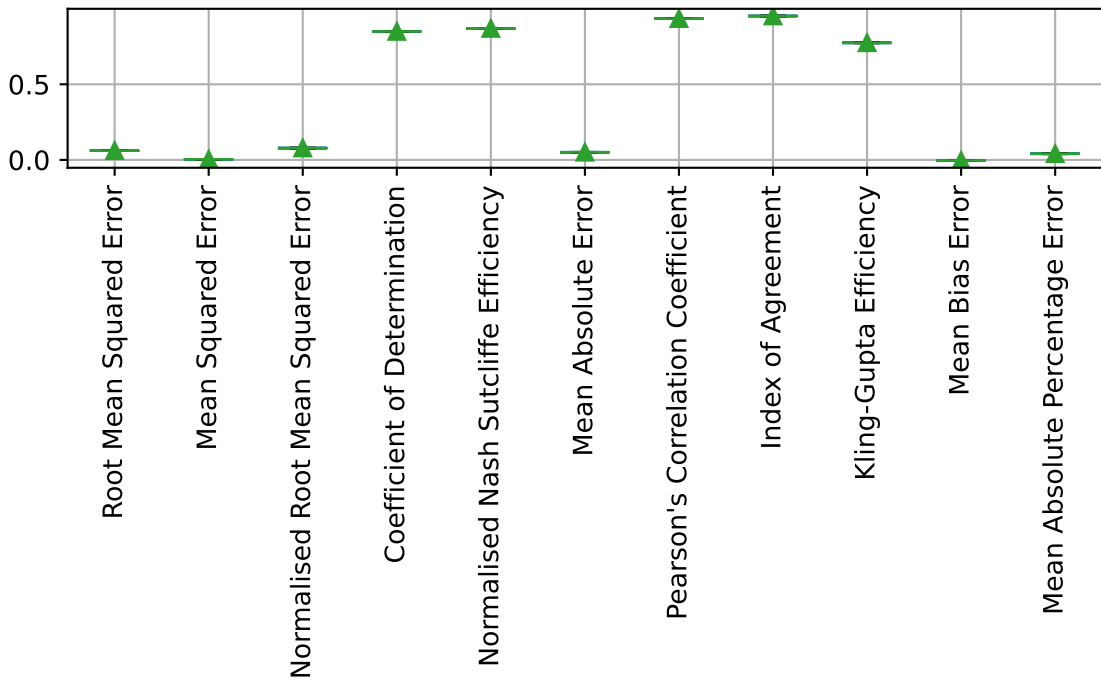
# LSTM Train Scores



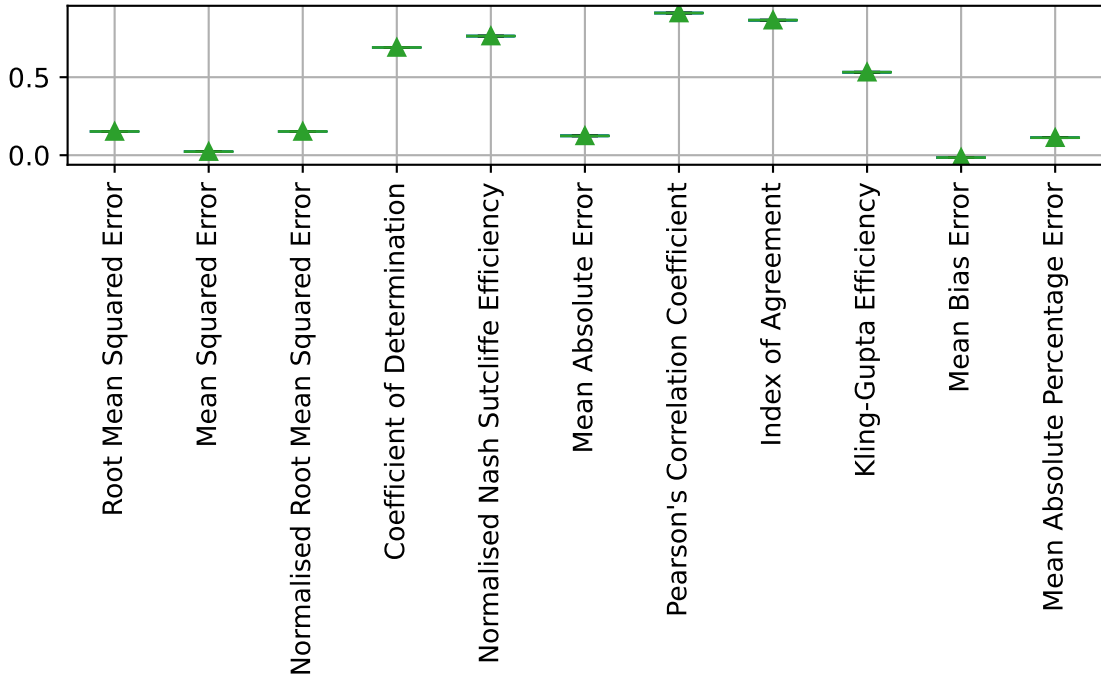
# LSTM Test Scores



# SVR Train Scores



# SVR Test Scores



Input Variable Correlation Heatmap

