Random Forest results for all statipons

**Random Forest Model Results for training and test sets:**

* Coefficient of Determination (R squared),
* Root Mean Squared Error (RMSE) and
* Nash-Sutcliffe Efficiency Coefficient (NSE)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Station | Rsqured\_train | Rsquared\_test | rmse\_train | rmse\_test | NSE\_train | NSE\_test |
| C01\_3 | 0.69 | 0.30 | 52.37 | 72.43 | 0.68 | 0.26 |
| C01\_6 | 0.71 | 0.30 | 51.15 | 72.42 | 0.70 | 0.26 |
| C01\_9 | 0.71 | 0.30 | 50.67 | 72.27 | 0.70 | 0.27 |
| C01\_12 | 0.72 | 0.30 | 50.55 | 72.53 | 0.71 | 0.26 |
| C01\_15 | 0.72 | 0.29 | 50.55 | 72.63 | 0.71 | 0.26 |
| C01\_18 | 0.72 | 0.29 | 50.54 | 73.02 | 0.71 | 0.25 |
| C01\_21 | 0.72 | 0.28 | 50.64 | 73.55 | 0.70 | 0.24 |
| C01\_24 | 0.72 | 0.27 | 50.68 | 74.01 | 0.70 | 0.23 |
| C02\_3 | 0.68 | 0.25 | 87.66 | 115.47 | 0.67 | 0.19 |
| C02\_6 | 0.70 | 0.25 | 85.62 | 115.85 | 0.69 | 0.18 |
| C02\_9 | 0.70 | 0.24 | 84.64 | 116.40 | 0.69 | 0.17 |
| C02\_12 | 0.70 | 0.24 | 84.44 | 116.69 | 0.70 | 0.17 |
| C02\_15 | 0.71 | 0.23 | 84.39 | 117.62 | 0.70 | 0.16 |
| C02\_18 | 0.71 | 0.22 | 84.53 | 118.00 | 0.70 | 0.15 |
| C02\_21 | 0.71 | 0.22 | 84.14 | 117.86 | 0.70 | 0.15 |
| C02\_24 | 0.71 | 0.23 | 84.46 | 117.65 | 0.70 | 0.16 |
| C11\_3 | 0.49 | 0.07 | 68.10 | 92.03 | 0.45 | 0.06 |
| C11\_6 | 0.50 | 0.06 | 67.42 | 92.20 | 0.46 | 0.06 |
| C11\_9 | 0.51 | 0.06 | 67.00 | 92.23 | 0.47 | 0.06 |
| C11\_12 | 0.52 | 0.06 | 66.56 | 92.21 | 0.47 | 0.06 |
| C11\_15 | 0.52 | 0.06 | 66.59 | 92.22 | 0.47 | 0.06 |
| C11\_18 | 0.52 | 0.06 | 66.51 | 92.21 | 0.47 | 0.06 |
| C11\_21 | 0.52 | 0.06 | 66.52 | 92.25 | 0.47 | 0.06 |
| C11\_24 | 0.52 | 0.06 | 66.51 | 92.22 | 0.47 | 0.06 |
| U05\_3 | 0.60 | 0.07 | 772.92 | 1195.93 | 0.58 | -0.01 |
| U05\_6 | 0.62 | 0.07 | 751.91 | 1201.29 | 0.60 | -0.01 |
| U05\_9 | 0.63 | 0.06 | 741.05 | 1223.46 | 0.61 | -0.05 |
| U05\_12 | 0.63 | 0.06 | 737.16 | 1226.75 | 0.62 | -0.06 |
| U05\_15 | 0.64 | 0.05 | 732.03 | 1249.05 | 0.62 | -0.10 |
| U05\_18 | 0.65 | 0.05 | 722.98 | 1236.01 | 0.63 | -0.07 |
| U05\_21 | 0.65 | 0.05 | 723.45 | 1236.35 | 0.63 | -0.07 |
| U05\_24 | 0.65 | 0.05 | 723.08 | 1235.63 | 0.63 | -0.07 |
| U06\_3 | 0.78 | 0.49 | 0.31 | 0.27 | 0.78 | 0.48 |
| U06\_6 | 0.79 | 0.49 | 0.30 | 0.27 | 0.79 | 0.48 |
| U06\_9 | 0.79 | 0.49 | 0.30 | 0.27 | 0.79 | 0.48 |
| U06\_12 | 0.79 | 0.48 | 0.30 | 0.27 | 0.79 | 0.48 |
| U06\_15 | 0.79 | 0.48 | 0.30 | 0.27 | 0.79 | 0.47 |
| U06\_18 | 0.79 | 0.48 | 0.30 | 0.27 | 0.79 | 0.47 |
| U06\_21 | 0.79 | 0.48 | 0.30 | 0.27 | 0.79 | 0.47 |
| U06\_24 | 0.79 | 0.48 | 0.30 | 0.27 | 0.79 | 0.46 |
| U09\_3 | 0.84 | 0.43 | 42.18 | 68.05 | 0.83 | 0.41 |
| U09\_6 | 0.85 | 0.43 | 41.11 | 68.18 | 0.84 | 0.41 |
| U09\_9 | 0.85 | 0.43 | 40.66 | 68.19 | 0.85 | 0.40 |
| U09\_12 | 0.85 | 0.44 | 40.28 | 67.29 | 0.85 | 0.42 |
| U09\_15 | 0.85 | 0.44 | 40.11 | 67.21 | 0.85 | 0.42 |
| U09\_18 | 0.85 | 0.45 | 39.98 | 66.97 | 0.85 | 0.43 |
| U09\_21 | 0.86 | 0.45 | 39.62 | 66.81 | 0.85 | 0.43 |
| U09\_24 | 0.86 | 0.45 | 39.47 | 66.54 | 0.86 | 0.43 |
| U11\_3 | 0.59 | 0.09 | 32.51 | 58.88 | 0.57 | 0.05 |
| U11\_6 | 0.60 | 0.09 | 32.12 | 59.13 | 0.58 | 0.04 |
| U11\_9 | 0.60 | 0.09 | 31.89 | 59.14 | 0.58 | 0.04 |
| U11\_12 | 0.61 | 0.09 | 31.77 | 59.14 | 0.58 | 0.04 |
| U11\_15 | 0.61 | 0.09 | 31.72 | 59.10 | 0.59 | 0.04 |
| U11\_18 | 0.61 | 0.09 | 31.78 | 58.93 | 0.58 | 0.04 |
| U11\_21 | 0.61 | 0.09 | 31.74 | 58.87 | 0.59 | 0.05 |
| U11\_24 | 0.61 | 0.09 | 31.63 | 58.83 | 0.59 | 0.05 |
| U17\_3 | 0.60 | 0.14 | 543.04 | 657.95 | 0.58 | 0.04 |
| U17\_6 | 0.62 | 0.13 | 529.90 | 663.24 | 0.60 | 0.03 |
| U17\_9 | 0.63 | 0.13 | 521.20 | 666.04 | 0.61 | 0.02 |
| U17\_12 | 0.64 | 0.11 | 516.89 | 682.22 | 0.62 | -0.03 |
| U17\_15 | 0.64 | 0.10 | 516.43 | 690.75 | 0.62 | -0.06 |
| U17\_18 | 0.64 | 0.09 | 513.99 | 702.03 | 0.62 | -0.09 |
| U17\_21 | 0.65 | 0.09 | 508.98 | 699.62 | 0.63 | -0.08 |
| U17\_24 | 0.65 | 0.09 | 508.82 | 698.24 | 0.63 | -0.08 |
| U19\_3 | 0.70 | 0.19 | 465.48 | 590.49 | 0.69 | 0.05 |
| U19\_6 | 0.72 | 0.19 | 449.45 | 589.63 | 0.71 | 0.05 |
| U19\_9 | 0.74 | 0.19 | 435.51 | 590.79 | 0.73 | 0.05 |
| U19\_12 | 0.75 | 0.17 | 429.56 | 594.56 | 0.74 | 0.04 |
| U19\_15 | 0.75 | 0.17 | 426.83 | 591.56 | 0.74 | 0.05 |
| U19\_18 | 0.76 | 0.17 | 421.97 | 589.87 | 0.75 | 0.05 |
| U19\_21 | 0.76 | 0.16 | 421.87 | 584.93 | 0.75 | 0.07 |
| U19\_24 | 0.76 | 0.16 | 421.67 | 584.28 | 0.75 | 0.07 |