|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Th | SVM | | DT | |
| Feature Selection | MAD | RMSE | MAD | RMSE |
| All features | 12.68 | 46.43 | 13.63 | 46.99 |
| Month, DMC, DC, RH  (suggested by f-regression) | 12.71 | 47.80 | 13.13 | 46.66 |
| Month, DMC, wind | 12.67 | 46.33 | 13.01 | 46.92 |
| Month, DC, wind | 12.67 | 47.64 | 13.04 | 46.68 |
| Month, DC, RH | 12.69 | 47.54 | 13.02 | 46.45 |
| Month, temp, RH, wind | 12.70 | 46.28 | 12.99 | 47.23 |
| Month, temp, wind, rain | 12.71 | 46.54 | 12.93 | 46.81 |
| Month, DMC, DC, ISI  (suggested by mutual info.) | 12.68 | 46.68 | 13.25 | 48.03 |
| X, Y, month, ISI | 12.62 | 46.39 | 13.42 | 47.49 |
| Month, ISI | 12.64 | 47.40 | 13.03 | 44.99 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | SVM | | DT | |
| Feature Selection | MAD | RMSE | MAD | RMSE |
| Month, DMC, DC, RH | 12.71 | 47.80 | 13.13 | 46.66 |
| Month, DMC, DC, ISI | 12.68 | 46.68 | 13.25 | 48.03 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | SVM | | DT | |
| Feature Selection | MAD | RMSE | MAD | RMSE |
| Month, DMC, wind | 12.67 | 46.33 | 13.01 | 46.92 |
| Month, DC, wind | 12.67 | 47.64 | 13.04 | 46.68 |
| Month, DC, RH | 12.69 | 47.54 | 13.02 | 46.45 |
| Month, temp, RH, wind | 12.70 | 46.28 | 12.99 | 47.23 |
| Month, temp, wind, rain | 12.71 | 46.54 | 12.93 | 46.81 |
| X, Y, month, ISI | 12.62 | 46.39 | 13.42 | 47.49 |
| Month, ISI | 12.64 | 47.40 | 13.03 | 44.99 |