| Fertility 102.78(3) 102.78(3) 102.78(3) 102. | QIC) RBST(GMDL) |
|---|---------------------------------|
| Ridge | 05(2) 18.81(4) |
| Ridge Servo 60.26(3) 60.2 | 78(3) 102.78(3) |
| Ridge | 78 (3) 63.78 (3) |
| Slump | 75 (3) 100.75 (3) |
| traffic 45.06(3) | 26(3) 60.26(3) |
| Wine_red | 85.69(3) |
| wine.white 72.97(3) | 06(3) 45.06(3) |
| Avg. Rank (2.89) (2.89) (3.22) (automobile 100.17(3) 100.17(3) 100.17(3) 101.7(3) 100.17(3) 176.51(3) 79.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3) 76.51(3)< | 92(3) 64.92(3) |
| automobile 100.17(3) 100.17(3) 100.17(3) 100. fertility 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 114.09(3) 100.80 | 97(3) 72.97 (3) |
| Fertility | 2.89) (3.11) |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 17(3) 100.17(3) |
| SVR servo 10.80(3) 100 | 09(3) 114.09(3) |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 51 (3) 76.51 (3) |
| Slump 74.36(5) 74.23(4) 74.17(2) 74. | 80(3) 100.80(3) |
| traffic wine_red sp. 39.35(3) | 89(2) 17.35(5) |
| wine_red wine_white 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 65.39(3) 61.2(3) 61.2(3) 61.2(3) 61.2(3) 61.2(3) 61.2(3) 14.93(3) 14.93(3) 14.93(3) 14.93(3) 14.93(3) 14.93(3) 14.93(3) 99.66(3) 99.66(3) 99.66(3) 99.66(3) 99.30(3) 66.30(3) 66.39(3) 66.39(3) 66.39(3) 66.30(3) 69.20(3) 99.66(3) 99.66(3) 99.66(3) 99.30(3) 65.39(3) 66.30(3) 69.20(3) 99.66(3) 99.20(3) 66.30(3) 69.20(3) 69.20(3) 99.20(3) 66.30(3) 69.20(3) 69.20(3) 99.20(3) 69.20(3) 99.20(3) | 17(2) 74.17(2) |
| wine.white 58.79(1) 59.86(2) 61.12(3) 61 Avg. Rank (2.94) (2.94) (2.89) (2.89) (2.89) (2.89) (2.89) (2.94) (2.89) (2.89) (2.94) (2.89) (2.89) (2.94) (2.89) (2.89) (2.94) (2.89) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2.89) (2.94) (2. | 35 (3) 39.35 (3) |
| Avg. Rank (2.94) (2.94) (2.89) (2.89) automobile 14.93(3) 14.93(3) 14.93(3) 14.93(3) 14. fertility 99.66(3) 99.66(3) 99.66(3) 99.66(3) 99.6 flow 66.93(3) 66.93(3) 66.93(3) 66.93(3) 66.93(3) 66.93(3) 105.26(3) 105.26(3) RF servo 13.73(1) 13.73(1) 14.06(4) 14 slump 73.55(3) 73.55(3) 73.55(3) 73.55(3) | 39 (3) 65.39 (3) |
| automobile 14.93(3) 14.93(3) 14.93(3) 14.93(3) fertility 99.66(3) <td< td=""><td>12(3) 73.37(5)</td></td<> | 12(3) 73.37(5) |
| fertility 99.66(3) 60.63(3) 60.63(2) | 2.89) (3.33) |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 93(3) 14.93(3) |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 99.66 (3) |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 93(3) 66.93(3) |
| slump $73.55(3)$ $73.55(3)$ $73.55(3)$ $73.55(3)$ | 26(3) 105.26(3) |
| | 06(4) 14.06(4) |
| traffic $47.56(3)$ $47.56(3)$ $47.56(3)$ $47.$ | 55 (3) 73.55 (3) |
| | 56 (3) 47.56 (3) |
| | 54 (3) 57.64 (3) |
| wine_white 60.32(3) 60.32(3) 60.32(3) 60. | 32(3) 60.32(3) |
| | 3.11) (3.11) |
| Mean Rank (2.89) (2.89) (3.07) | 2.96) (3.19) |

Table 15: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when RBST, using several stop criteria (AIC, AICc, BIC, HQIC and GMDL), taking into account some baseline systems (Ridge, SVR and RF) and the BO sampling strategy.