automobile 26.96(4) 21.95(1) 21.95(2) 22.02(3) 27.26(5) 30.57(6) 21.27 10.26 fertility 100.08(4) 95.87(1) 96.15(2) 97.99(3) 106.72(6) 104.61(5) 93.40 59.15 flow 84.49(1) 87.19(3) 86.81(2) 90.28(4) 97.01(5) 102.39(6) 80.93 40.73 servo 46.06(4) 48.89(6) 47.91(5) 44.83(1) 44.86(2) 45.83(3) 44.53 19.84 slump 92.55(3) 91.94(2) 91.88(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine.red 85.30(6) 79.03(1) 79.22(2) 81.97(5) 80.84(4) 79.36(3) 84.64 37.56 wine.white 84.91(6) 78.33(1) 78.24(2) 80.27(4) 80.04(3) 80.3(3) 84.11 (4.56) Ridge Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 20.05(5)	kNNR	Best	BEM	IEW	Caruana	RSWH	RSWHid	WCH	SCH
flow 84.49(1) 87.19(3) 86.81(2) 90.28(4) 97.01(5) 102.33(6) 80.73 40.73 forest 102.02(3) 106.33(6) 105.25(5) 104.83(4) 99.42(1) 101.45(2) 101.94 90.47 servo 46.06(4) 48.89(6) 47.91(5) 44.86(2) 45.83(3) 44.53 19.87 slump 92.55(3) 91.94(2) 91.88(1) 96.24(4) 104.05(6) 100.73(5) 86.73 47.26 traffic 37.30(4) 36.71(3) 35.91(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine.mite 84.91(6) 78.33(1) 79.22(2) 81.97(5) 80.84(4) 79.36(3) 84.64 37.56 wine.mitie 34.91(6) 78.33(1) 77.28(2) 80.77(4) 80.84(3) 80.57(5) 86.57(4) 80.84(3) 80.57(5) 86.57(4) 81.57(4) 22.09(6) 17.03 9.06 66.07(4) 66.27(5) 66.66(3) 64.71(2) 61.61(1) 63.36 63.78 66.91 <td>automobile</td> <td>26.96(4)</td> <td>21.95(1)</td> <td>21.95(2)</td> <td>22.02(3)</td> <td>27.26(5)</td> <td>30.57(6)</td> <td>21.27</td> <td>10.26</td>	automobile	26.96(4)	21.95 (1)	21.95(2)	22.02(3)	27.26(5)	30.57(6)	21.27	10.26
forest 102.02(3) 106.33(6) 105.25(5) 104.83(4) 99.42(1) 101.45(2) 101.94 90.47 servo 46.06(4) 48.89(6) 47.91(5) 44.83(1) 44.86(2) 45.83(3) 44.53 19.84 slump 92.55(3) 91.94(2) 91.88(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine_red 85.30(6) 79.03(1) 79.22(2) 81.97(5) 80.84(4) 79.36(3) 84.64 37.56 wine_white 84.91(6) 78.33(1) 78.48(2) 80.27(4) 80.04(3) 80.53(5) 83.47 36.56 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) 4.56 - - Ridge Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 20.05(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 9.06 ferrility 99.01(3) 99.34(5) 99.01(2) 98.52(1	fertility	100.08(4)	95.87(1)	96.15(2)	97.99(3)	106.72(6)	104.61(5)	93.40	59.15
servo 46.06(4) 48.89(6) 47.91(5) 44.83(1) 44.86(2) 45.83(3) 44.53 19.87 slump 92.55(3) 91.94(2) 91.88(1) 96.24(4) 104.05(6) 100.73(5) 86.73 47.26 traffic 37.30(4) 36.71(3) 35.91(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine_white 85.30(6) 79.03(1) 79.22(2) 81.97(5) 80.84(4) 79.36(3) 84.64 37.56 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) (4.56) - Ridge Best BEM IEW Caruana RSWH RSWHid WCH SCI Ridge 20.55(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 9.06 fertility 102.36(4) 103.68(6) 103.65(5) 102.35(3) 97.07(1) 102.18(2) 102.36 6.91 fertility 102.36(3) 93.46(3) 99.34(5) 99.01(2) <td< td=""><td>flow</td><td>84.49(1)</td><td>87.19(3)</td><td>86.81(2)</td><td>90.28(4)</td><td>97.01(5)</td><td>102.39(6)</td><td>80.93</td><td>40.73</td></td<>	flow	84.49(1)	87.19(3)	86.81(2)	90.28(4)	97.01(5)	102.39(6)	80.93	40.73
slump 92.55(3) 91.94(2) 91.88(1) 96.24(4) 104.05(6) 100.73(5) 86.73 47.26 traffic 37.30(4) 36.71(3) 35.91(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine_wine 84.91(6) 78.33(1) 78.48(2) 80.27(4) 80.04(3) 80.35(5) 83.47 35.56 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) (4.56) ————————————————————————————————————	forest	102.02(3)	106.33(6)	105.25(5)	104.83(4)	99.42(1)	101.45(2)	101.94	90.47
traffic 37.30(4) 36.71(3) 35.91(1) 35.99(2) 37.60(5) 44.99(6) 31.87 19.84 wine_white 84.91(6) 78.33(1) 78.48(2) 80.27(4) 80.04(3) 80.53(5) 83.47 35.66 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) (4.56) - - Ridge Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 20.05(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 9.06 fertility 102.36(4) 103.68(6) 103.65(5) 102.35(3) 97.07(1) 102.18(2) 102.36 96.91 flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.93 69.91 flow 66.23(3) 86.95(3) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1)	servo	46.06(4)	48.89(6)	47.91(5)	44.83 (1)	44.86(2)	45.83(3)	44.53	19.87
wine_red 85.30(6) 79.03(1) 79.22(2) 81.97(5) 80.84(4) 79.36(3) 84.64 37.56 wine_white 84.91(6) 78.33(1) 78.48(2) 80.27(4) 80.04(3) 80.53(5) 83.47 36.56 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) (4.56) - - Ridge Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 20.05(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 96.91 flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.30 63.78 forest 99.01(3) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.83 61.37 sump 86.55(3) 86.95(6) 86.95(5) 86.54(3) 36.63(1)	$_{\mathrm{slump}}$	92.55(3)	91.94(2)	91.88(1)	96.24(4)	104.05(6)	100.73(5)	86.73	47.26
wine_white 84.91(6) 78.33(1) 78.48(2) 80.27(4) 80.04(3) 80.53(5) 8.3.47 36.56 Avg. Rank (3.89) (2.67) (2.44) (3.33) (4.11) (4.56) - - Ridge Best BEM IEW Caruana RSWH RSWHId WCH SCH automobile 20.05(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 9.06 fertility 102.36(4) 103.68(6) 103.65(5) 102.35(3) 97.07(1) 102.18(2) 102.36 96.91 flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.30 63.78 forest 99.01(3) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 seuro 62.34(2) 62.30(3) 62.50(3) 65.67(3) 86.51(1) 99.27(4) 98.98 97.74 seuro 62.34(2) 62.33(3) 63.52(1) 64.96(6) 42.32(1)	traffic	37.30(4)	36.71(3)	35.91(1)	35.99(2)	37.60(5)	44.99(6)	31.87	19.84
Avg. Rank (3.89)	wine_red	85.30(6)	79.03(1)	79.22(2)	81.97(5)	80.84(4)	79.36(3)	84.64	37.56
Ridge		84.91(6)	78.33(1)	78.48(2)	80.27(4)	80.04(3)	80.53(5)	83.47	36.56
automobile 20.05(5) 17.20(1) 17.34(3) 17.21(2) 18.57(4) 22.09(6) 17.03 9.06 fertility 102.36(4) 103.68(6) 103.65(5) 102.35(3) 97.07(1) 102.18(2) 102.36 96.91 flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.30 63.78 forest 99.01(3) 99.34(6) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.88 97.78 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.38 61.37 slump 86.55(3) 86.95(6) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 86.18 83.92 traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_red 64.89(1) 65.43(5) 65.38(4) 64.91(2) 64.96(3) 65.67(6) 64.84 51.36 wine_red Best BEM<	Avg. Rank	(3.89)	(2.67)			(4.11)	(4.56)	-	_
fertility 102.36(4) 103.68(6) 103.65(5) 102.35(3) 97.07(1) 102.18(2) 102.36 96.91 flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.30 63.78 forest 99.01(3) 99.34(6) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.83 61.37 slump 86.55(3) 86.95(5) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 86.18 83.92 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) - - - Lasso Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 18.45(5) 18.45(3) 18.45(2)	Ridge					RSWH		WCH	
flow 66.07(4) 66.27(6) 66.27(5) 65.66(3) 64.71(2) 61.61(1) 65.30 63.78 forest 99.01(3) 99.34(6) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.83 61.37 slump 86.55(3) 86.95(6) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 83.92 traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_red 64.89(1) 65.43(5) 65.38(4) 64.91(2) 64.96(3) 65.67(6) 64.84 51.36 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) 61.45 18.45 fertility 95.55(4) 94.17(1) 94.17(2)	automobile	20.05(5)	17.20(1)	17.34(3)	17.21(2)	18.57(4)	22.09(6)	17.03	9.06
forest 99.01(3) 99.34(6) 99.34(5) 99.01(2) 98.25(1) 99.27(4) 98.98 97.74 servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.83 61.37 slump 86.55(3) 86.95(6) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 86.18 83.92 traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) Lasso Best BEM IEW Caruana RSWH RSWHid WCH SCH fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 flow 66.82(3) 66.83(6) 66.83(5) 66.83(4) 65.61(2	fertility	102.36(4)	103.68(6)	103.65(5)	102.35(3)	97.07(1)	102.18(2)	102.36	96.91
servo 62.34(2) 62.50(3) 62.50(4) 62.33(1) 63.52(5) 64.34(6) 61.83 61.37 slump 86.55(3) 86.95(6) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 86.18 83.92 traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) - - Lasso Best BEM IEW Caruana RSWH RSWHid WCH SCH fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 flow 66.82(3) 66.83(6) 66.83(5) 66.83(4) 65.61(2) 61.68(1) 66.82 66.80 forest 100.14(6) 100.13(5) 100.13(4) 100.12(3) <td>flow</td> <td>66.07(4)</td> <td>66.27(6)</td> <td>66.27(5)</td> <td>65.66(3)</td> <td>64.71(2)</td> <td>61.61(1)</td> <td>65.30</td> <td>63.78</td>	flow	66.07(4)	66.27(6)	66.27(5)	65.66(3)	64.71(2)	61.61(1)	65.30	63.78
slump 86.55(3) 86.95(6) 86.95(5) 86.55(4) 85.61(2) 76.88(1) 86.18 83.92 traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_red 64.89(1) 65.43(5) 65.38(4) 64.91(2) 64.96(3) 65.67(6) 64.84 51.36 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) - - Lasso Best BEM IEW Caruana RSWH RSWH WCH SCH automobile 18.45(5) 18.45(3) 18.45(2) 18.45(4) 18.19(1) 20.63(6) 18.45 18.45 fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 forest 100.14(6) 100.13(5) 100.13(4)	forest	99.01(3)	99.34(6)	99.34(5)	99.01(2)	98.25(1)	99.27(4)	98.98	97.74
traffic 39.51(2) 41.02(5) 40.93(4) 39.56(3) 36.86(1) 47.18(6) 39.48 38.07 wine_red 64.89(1) 65.43(5) 65.38(4) 64.91(2) 64.96(3) 65.67(6) 64.84 51.36 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) ————————————————————————————————————	servo	62.34(2)	62.50(3)	62.50(4)	62.33(1)	63.52(5)	64.34(6)	61.83	61.37
wine_red 64.89(1) 65.43(5) 65.38(4) 64.91(2) 64.96(3) 65.67(6) 64.84 51.36 wine_white 72.66(4) 73.33(6) 73.27(5) 72.50(3) 72.40(1) 72.47(2) 72.02 60.33 Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) - - - Lasso Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 18.45(5) 18.45(2) 18.45(4) 18.19(1) 20.63(6) 18.45 18.45 fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 flow 66.82(3) 66.83(6) 66.83(5) 66.83(4) 65.61(2) 61.68(1) 66.82 66.82 forest 100.14(6) 100.13(5) 100.13(4) 100.12(3) 98.34(1) 99.61(2) 100.09 100.08 servo 63.17(1) 63.38(2) 63.38(3)	slump	86.55(3)	86.95(6)	86.95(5)	86.55(4)	85.61(2)	76.88(1)	86.18	83.92
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	traffic	39.51(2)	41.02(5)	40.93(4)	39.56(3)	36.86(1)	47.18(6)	39.48	38.07
Avg. Rank (3.11) (4.89) (4.44) (2.56) (2.22) (3.78) - - Lasso Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 18.45(5) 18.45(3) 18.45(2) 18.45(4) 18.19(1) 20.63(6) 18.45 18.45 fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 flow 66.82(3) 66.83(6) 66.83(4) 65.61(2) 61.68(1) 66.82 66.80 forest 100.14(6) 100.13(5) 100.13(4) 100.12(3) 98.34(1) 99.61(2) 100.09 100.08 servo 63.17(1) 63.38(2) 63.38(3) 63.43(4) 63.77(5) 64.69(6) 26.75 62.15 slump 87.59(3) 87.61(6) 87.61(5) 87.61(4) 86.06(2) 77.06(1) 87.55 traffic 38.64(2) 39.03(5) 39.02(4) 38.96(3) 37.39(1)	$wine_red$	64.89(1)	65.43(5)	65.38(4)	64.91(2)	64.96(3)	65.67(6)	64.84	51.36
Lasso Best automobile BEM IEW Caruana RSWH RSWHid WCH SCH automobile 18.45(5) 18.45(3) 18.45(2) 18.45(4) 18.19(1) 20.63(6) 18.45 18.45 fertility 95.55(4) 94.17(1) 94.17(2) 94.83(3) 96.66(5) 102.64(6) 92.74 90.36 flow 66.82(3) 66.83(6) 66.83(4) 65.61(2) 61.68(1) 66.82 66.80 forest 100.14(6) 100.13(5) 100.13(4) 100.12(3) 98.34(1) 99.61(2) 100.09 100.08 servo 63.17(1) 63.38(2) 63.38(3) 63.43(4) 63.77(5) 64.69(6) 26.75 62.15 slump 87.59(3) 87.61(6) 87.61(5) 87.61(4) 86.06(2) 77.06(1) 87.55 traffic 38.64(2) 39.03(5) 39.02(4) 38.96(3) 37.39(1) 52.42(6) 38.60 38.16 wine_white 78.40(5) 78.39(4) 78.39(3) 78.36(2) 7	wine_white		73.33(6)	73.27(5)	72.50(3)	72.40(1)	72.47(2)	72.02	60.33
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Avg. Rank	(3.11)	(4.89)	(4.44)	(2.56)	(2.22)	(3.78)	-	_
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Lasso	Best	BEM	IEW	Caruana	RSWH	RSWHid	WCH	SCH
$\begin{array}{llllllllllllllllllllllllllllllllllll$	automobile	18.45(5)	18.45(3)	18.45(2)	18.45(4)	18.19 (1)	20.63(6)	18.45	18.45
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	fertility	95.55(4)	94.17(1)	94.17(2)	94.83(3)	96.66(5)	102.64(6)	92.74	90.36
servo 63.17(1) 63.38(2) 63.38(3) 63.43(4) 63.77(5) 64.69(6) 62.67 62.15 slump 87.59(3) 87.61(6) 87.61(5) 87.61(4) 86.06(2) 77.06(1) 87.59 87.55 traffic 38.64(2) 39.03(5) 39.02(4) 38.96(3) 37.39(1) 52.42(6) 38.60 38.16 wine_white 78.40(5) 78.39(4) 78.39(3) 78.36(2) 78.31(1) 78.87(6) 78.33 77.45 Avg. Rank (3.56) (4.22) (3.67) (3.44) (2.22) (3.89) - - SVR Best BEM IEW Caruana RSWH RSWHid WCH SCH automobile 20.60(1) 44.64(6) 24.07(4) 20.98(2) 21.89(3) 27.68(5) 19.23 6.98 fertility 98.43(5) 93.77(1) 94.18(2) 97.03(3) 97.97(4) 100.75(6) 91.64 54.86 flow 70.32(2) 78.59(6) 71.31(3) 66.97(1)	flow	66.82(3)	66.83(6)	66.83(5)	66.83(4)	65.61(2)	61.68(1)	66.82	66.80
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	forest	100.14(6)	100.13(5)	100.13(4)	100.12(3)	98.34(1)	99.61(2)	100.09	100.08
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	servo	63.17(1)	63.38(2)	63.38(3)	63.43(4)	63.77(5)	64.69(6)	62.67	62.15
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	slump	87.59(3)	87.61(6)	87.61(5)	87.61(4)	86.06(2)	77.06(1)	87.59	87.55
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	traffic	38.64(2)	39.03(5)	39.02(4)	38.96(3)	37.39(1)	52.42(6)	38.60	38.16
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	wine_red	69.24(3)	70.68(6)	70.67(5)	70.06(4)	68.94(2)	68.34(1)	69.24	66.52
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		78.40(5)	78.39(4)	78.39(3)	78.36(2)	78.31(1)	78.87(6)	78.33	77.45
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Avg. Rank	(3.56)	\ /	(3.67)	(3.44)	(2.22)	(3.89)	-	_
fertility 98.43(5) 93.77(1) 94.18(2) 97.03(3) 97.97(4) 100.75(6) 91.64 54.86 flow 70.32(2) 78.59(6) 71.31(3) 66.97(1) 72.94(4) 76.29(5) 59.75 27.47 forest 98.14(1) 104.44(6) 99.62(2) 99.67(3) 100.46(4) 102.05(5) 97.64 84.64 servo 21.53(4) 59.23(6) 39.39(5) 19.25(1) 19.53(2) 20.53(3) 15.31 11.08 slump 80.17(2) 165.58(6) 85.19(3) 68.72(1) 134.35(5) 123.76(4) 71.82 20.48 traffic 41.89(4) 37.77(2) 35.93(1) 38.17(3) 43.97(5) 45.43(6) 29.04 8.47 wine_red 66.87(5) 78.14(6) 65.82(4) 60.32(3) 58.78(1) 59.35(2) 64.46 9.22 wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87(1) 56.91(2) 72.55 11.26	SVR	Best	BEM	IEW	Caruana	RSWH	RSWHid	WCH	SCH
flow 70.32(2) 78.59(6) 71.31(3) 66.97(1) 72.94(4) 76.29(5) 59.75 27.47 forest 98.14(1) 104.44(6) 99.62(2) 99.67(3) 100.46(4) 102.05(5) 97.64 84.64 servo 21.53(4) 59.23(6) 39.39(5) 19.25(1) 19.53(2) 20.53(3) 15.31 11.08 slump 80.17(2) 165.58(6) 85.19(3) 68.72(1) 134.35(5) 123.76(4) 71.82 20.48 traffic 41.89(4) 37.77(2) 35.93(1) 38.17(3) 43.97(5) 45.43(6) 29.04 8.47 wine_red 66.87(5) 78.14(6) 65.82(4) 60.32(3) 58.78(1) 59.35(2) 64.46 9.22 wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87(1) 56.91(2) 72.55 11.26	automobile	20.60 (1)	44.64(6)	24.07(4)	20.98(2)	21.89(3)	27.68(5)	19.23	6.98
forest 98.14(1) 104.44(6) 99.62(2) 99.67(3) 100.46(4) 102.05(5) 97.64 84.64 servo 21.53(4) 59.23(6) 39.39(5) 19.25(1) 19.53(2) 20.53(3) 15.31 11.08 slump 80.17(2) 165.58(6) 85.19(3) 68.72(1) 134.35(5) 123.76(4) 71.82 20.48 traffic 41.89(4) 37.77(2) 35.93(1) 38.17(3) 43.97(5) 45.43(6) 29.04 8.47 wine_red 66.87(5) 78.14(6) 65.82(4) 60.32(3) 58.78(1) 59.35(2) 64.46 9.22 wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87(1) 56.91(2) 72.55 11.26	fertility	98.43(5)	93.77(1)	94.18(2)	97.03(3)	97.97(4)	100.75(6)	91.64	54.86
servo 21.53(4) 59.23(6) 39.39(5) 19.25(1) 19.53(2) 20.53(3) 15.31 11.08 slump 80.17(2) 165.58(6) 85.19(3) 68.72(1) 134.35(5) 123.76(4) 71.82 20.48 traffic 41.89(4) 37.77(2) 35.93(1) 38.17(3) 43.97(5) 45.43(6) 29.04 8.47 wine_red 66.87(5) 78.14(6) 65.82(4) 60.32(3) 58.78(1) 59.35(2) 64.46 9.22 wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87(1) 56.91(2) 72.55 11.26	flow	70.32(2)	78.59(6)	71.31(3)	66.97(1)	72.94(4)	76.29(5)	59.75	27.47
slump 80.17(2) 165.58(6) 85.19(3) 68.72(1) 134.35(5) 123.76(4) 71.82 20.48 traffic 41.89(4) 37.77(2) 35.93(1) 38.17(3) 43.97(5) 45.43(6) 29.04 8.47 wine_red 66.87(5) 78.14(6) 65.82(4) 60.32(3) 58.78(1) 59.35(2) 64.46 9.22 wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87(1) 56.91(2) 72.55 11.26	forest	98.14(1)	104.44(6)	99.62(2)	99.67(3)	100.46(4)	102.05(5)	97.64	84.64
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	servo	21.53(4)	59.23(6)	39.39(5)	19.25(1)	19.53(2)	20.53(3)	15.31	11.08
$\begin{array}{llllllllllllllllllllllllllllllllllll$	slump	80.17(2)	165.58(6)		68.72(1)	134.35(5)	123.76(4)	71.82	20.48
wine_white 78.04(4) 192.42(6) 122.08(5) 61.97(3) 56.87 (1) 56.91(2) 72.55 11.26	traffic	41.89(4)	37.77(2)	35.93(1)	38.17(3)	43.97(5)	45.43(6)	29.04	
	$wine_red$	66.87(5)	78.14(6)	65.82(4)	60.32(3)	58.78(1)	59.35(2)	64.46	9.22
Avg. Rank (3.11) (5.00) (3.22) (2.22) (3.22) (4.22)		78.04(4)	192.42(6)	122.08(5)	61.97(3)	56.87(1)	56.91(2)	72.55	11.26
	Avg. Rank	(3.11)	(5.00)	(3.22)	(2.22)	(3.22)	(4.22)	-	_

Table 10: The 3-fold cross validation relative mean squared error and Friedman ranks for all datasets when the best hyperparameter configuration trial (Best), simple average (BEM), the inverse of the error (IEW), Caruana method (Caruana) and non-hyperparametric stacking stepwise regression over residual with the heuristic to provide zero weights to some models adding instance description to the ensemble (RSWHid) or not (RSWH), all taking into account several baseline systems (kNNR, Ridge, Lasso and SVR) and the HB sampling strategy. The scores for the cheating approaches WCH and SCH are also shown, but they were not included in the computation of the Friedman ranks.