automobile 27.27(6) 21.45(4) 21.30(3) 21.21(2) 23.90(5) 19.88(1) 22.74 10.55 fertility 109.70(6) 101.31(4) 100.51(3) 99.24(1) 99.78(2) 102.26(5) 96.75 64.73 flow 102.86(6) 84.46(2) 84.47(3) 85.59(4) 87.29(5) 59.15(1) 80.76 62.41 forest 141.64(6) 106.44(5) 106.20(4) 104.40(3) 98.52(1) 99.68(2) 102.86 93.19 servo 55.11(6) 55.02(5) 54.85(4) 53.48(3) 51.09(2) 50.50(1) 45.65 82.88 slump 111.84(6) 89.82(5) 89.62(4) 88.58(3) 86.7(2) 82.35(1) 85.79 61.18 traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine.red 110.39(6) 81.05(2) 81.30(3) 82.15(2) 66.40(1) 83.744.14 Avg. Rank (5.89) (3.89) 13.33 3.11 (2.67) (2.11) 7.75(1)	kNNR	Best	BEM	IEW	Caruana	RSWH	RSWHf	WCH SCH
Flow	automobile	27.27(6)	21.45(4)	21.30(3)	21.21(2)	23.90(5)	19.88 (1)	22.74 10.55
forest 141.64(6) 106.44(5) 106.20(4) 104.40(3) 98.52(1) 99.68(2) 102.86 3.19 servo 55.11(6) 55.02(5) 54.85(4) 53.48(3) 51.09(2) 50.50(1) 45.65 38.28 slump 111.84(6) 89.82(5) 89.62(4) 88.58(3) 86.77(2) 82.35(1) 85.79 61.18 traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine.white 96.76(6) 80.21(4) 80.10(3) 81.06(5) 80.07(2) 66.40(1) 83.37 41.10 Avg. Rank (5.89) (3.89) (3.33) (3.11) (2.67) (2.11) Ridge Best BEM IEW Caruana RSWH RSWH WCH SCH automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 194.4(4) 99.57(5) 99.57(6) 99.38(3) 98.36(1) 99.20(2	fertility	109.07(6)	101.31(4)	100.51(3)	99.24(1)	99.78(2)	102.26(5)	96.75 64.73
servo 55.11(6) 55.02(5) 54.85(4) 53.48(3) 51.09(2) 50.50(1) 45.65 38.28 slump 111.84(6) 89.82(5) 89.62(4) 88.58(3) 86.77(2) 82.35(1) 85.79 61.18 traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine_red 110.39(6) 81.05(2) 81.30(3) 82.56(5) 81.38(4) 65.27(1) 84.53 48.46 wine_white 96.76(6) 80.21(4) 80.10(3) 81.00(5) 80.07(2) 66.40(1) 83.37 44.14 Avg Rak C.899 (3.89) (3.33) (3.11) (2.67) (2.11)	flow	102.86(6)	84.46(2)	84.47(3)	85.59(4)	87.29(5)	59.15 (1)	80.75 62.41
slump 111.84(6) 89.82(5) 89.62(4) 88.58(3) 86.77(2) 82.35(1) 85.79 61.18 traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine_red 96.76(6) 80.21(4) 80.10(3) 81.06(5) 80.07(2) 66.40(1) 83.37 44.14 Avg. Rank (5.89) (3.89) (3.33) 3(3.11) (2.67) (2.11) - Ridge Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 forest 99.44(4) 99.57(5) 99.57(6) 99.38(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2)	forest	141.64(6)	106.44(5)	106.20(4)	104.40(3)	98.52 (1)		102.86 93.19
traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine_white 96.76(6) 80.21(4) 80.10(3) 82.56(5) 81.38(4) 65.27(1) 84.53 48.46 wine_white 96.76(6) 80.21(4) 80.10(3) 81.00(5) 80.07(2) 66.40(1) 83.37 44.14 Avg. Rank (5.89) (3.89) (3.33) (3.11) (2.67) (2.11) Ridge Best BEM IEW Caruana RSWH RSWH WCH SCH automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 flow 66.89(6) 66.65(5) 66.61(4) 66.07(3) 65.22(2) 79.15(1) 65.71 64.60 forest 99.41(4) 99.57(5) 99.53(4) 89.43(3) 88.3(2) 79	servo	55.11(6)	55.02(5)	54.85(4)	53.48(3)	51.09(2)	50.50 (1)	45.65 38.28
traffic 39.66(5) 33.76(4) 33.64(3) 33.31(2) 32.15(1) 39.83(6) 31.26 22.37 wine_white 96.76(6) 80.21(4) 80.10(3) 82.56(5) 81.38(4) 65.27(1) 84.53 48.46 wine_white 96.76(6) 80.21(4) 80.10(3) 81.00(5) 80.07(2) 66.40(1) 83.37 44.14 Avg. Rank (5.89) (3.89) (3.33) (3.11) (2.67) (2.11) Ridge Best BEM IEW Caruana RSWH RSWH WCH SCH automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 flow 66.89(6) 66.65(5) 66.61(4) 66.07(3) 65.22(2) 79.15(1) 65.71 64.60 forest 99.41(4) 99.57(5) 99.53(4) 89.43(3) 88.3(2) 79	slump	111.84(6)	89.82(5)	89.62(4)	88.58(3)	86.77(2)	82.35 (1)	85.79 61.18
wine_white 96.76(6) 80.21(4) 80.10(3) 81.00(5) 80.07(2) 66.40(1) 83.37 44.14 Avg. Rank (5.89) (3.89) (3.33) (3.11) (2.67) (2.11) ————————————————————————————————————			33.76(4)	33.64(3)	33.31(2)	32.15 (1)	39.83(6)	31.26 22.37
Avg. Rank (5.89) (3.89) (3.33) (3.11) (2.67) (2.11)	wine_red	110.39(6)	81.05(2)	81.30(3)	82.56(5)	81.38(4)	65.27 (1)	84.53 48.46
Ridge Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 flow 66.89(6) 66.62(5) 66.61(4) 66.07(3) 65.42(2) 57.15(1) 65.71 64.60 forest 99.44(4) 99.57(5) 99.57(6) 99.38(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.40 wine_white 78.12(6) 73.82(5) 7	$wine_white$	96.76(6)	80.21(4)	80.10(3)	81.00(5)	80.07(2)	66.40 (1)	83.37 44.14
automobile 20.00(6) 17.91(4) 17.84(3) 16.92(2) 18.22(5) 16.23(1) 17.86 9.73 fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 flow 66.89(6) 66.62(5) 66.61(4) 66.07(3) 65.42(2) 57.15(1) 65.71 64.60 forest 99.44(4) 99.57(5) 99.58(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.42 wine_red 69.12(6) 65.55(5) 65.52(4) 64.87(2) 64.82(1) 64.90(3) 64.83 5.33 wine_red 58.12(6) 73.82(5) 7	Avg. Rank	(5.89)	(3.89)	(3.33)	(3.11)	(2.67)	(2.11)	
fertility 104.17(6) 103.18(4) 103.17(3) 102.67(2) 95.22(1) 103.98(5) 102.43 97.38 flow 66.89(6) 66.62(5) 66.61(4) 66.07(3) 65.42(2) 57.15(1) 65.71 64.60 forest 99.44(4) 99.57(5) 99.37(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.00 sume_red 69.12(6) 65.55(5) 65.52(4) 64.87(2) 64.82(1) 64.90(3) 64.83 54.53 wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) Lasso Best BEM IEW Caruana RSWH	Ridge	Best	BEM	IEW	Caruana	RSWH	RSWHf	WCH SCH
flow 66.89(6) 66.62(5) 66.61(4) 66.07(3) 65.42(2) 57.15(1) 65.71 64.60 forest 99.44(4) 99.57(5) 99.57(6) 99.38(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.42 wine_red 69.12(6) 65.55(5) 65.52(4) 64.87(2) 64.82(1) 64.90(3) 64.83 54.53 wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana	automobile	20.00(6)	17.91(4)	17.84(3)	16.92(2)	18.22(5)	16.23 (1)	17.86 9.73
forest 99.44(4) 99.57(5) 99.57(6) 99.38(3) 98.36(1) 99.20(2) 99.31 98.02 servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.42 wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 18.45(2) 18.49(3) 18.49(4) 18.54(5) 19.39(6) 16.44(1) 18.40 18.24 fertility 92.95(3) 92.77(1) 92.78(2)	fertility	104.17(6)	103.18(4)	103.17(3)	102.67(2)	95.22(1)	103.98(5)	102.43 97.38
servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.42 wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 18.45(2) 18.49(3) 18.49(4) 18.54(5) 19.39(6) 16.44(1) 18.40 18.24 fertility 92.95(3) 92.77(1) 92.78(2) 92.95(3) 93.07(5) 96.93(6) 92.48 90.07 flow 66.66(6) 65.99(5) 65.99(4) <	flow	66.89(6)	66.62(5)	66.61(4)	66.07(3)	65.42(2)	57.15 (1)	65.71 64.60
servo 62.27(3) 62.34(5) 62.34(4) 62.44(6) 61.05(1) 61.10(2) 61.90 61.50 slump 87.71(6) 87.23(5) 87.23(4) 86.97(3) 85.62(2) 79.15(1) 86.28 84.09 traffic 41.28(6) 40.65(5) 40.63(4) 39.81(3) 38.31(2) 36.18(1) 39.61 38.42 wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 18.45(2) 18.49(3) 18.49(4) 18.54(5) 19.39(6) 16.44(1) 18.40 18.24 fertility 92.95(3) 92.77(1) 92.78(2) 92.95(3) 93.07(5) 96.93(6) 92.48 90.07 flow 66.66(6) 65.99(5) 65.99(4) <	forest	99.44(4)	99.57(5)	99.57(6)	99.38(3)	98.36 (1)	99.20(2)	99.31 98.02
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	servo	62.27(3)	62.34(5)	62.34(4)		61.05(1)	61.10(2)	61.90 61.50
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	slump	87.71(6)	87.23(5)	87.23(4)	86.97(3)	85.62(2)	79.15 (1)	86.28 84.09
wine_white 78.12(6) 73.82(5) 73.77(4) 72.98(3) 72.93(2) 72.83(1) 72.92 62.92 Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 18.45(2) 18.49(3) 18.49(4) 18.54(5) 19.39(6) 16.44(1) 18.40 18.24 fertility 92.95(3) 92.77(1) 92.78(2) 92.95(3) 93.07(5) 96.93(6) 92.48 90.07 flow 66.66(6) 65.99(5) 65.99(4) 65.66(3) 64.99(2) 57.16(1) 65.21 64.12 forest 99.65(6) 99.58(4) 99.58(5) 99.54(3) 98.27(1) 99.33(2) 99.45 99.03 servo 102.02(6) 75.89(5) 73.02(4) 64.29(3) 59.63(2) 56.87(1) 60.14 52.33 slump 86.85(6) 86.43(5) 86.43(4) 86.02(3)	traffic	41.28(6)	40.65(5)	40.63(4)	39.81(3)	38.31(2)	36.18 (1)	39.61 38,42
Avg. Rank (5.44) (4.78) (4.00) (3.00) (1.89) (1.89) - - Lasso Best BEM IEW Caruana RSWH RSWHf WCH SCH automobile 18.45(2) 18.49(3) 18.49(4) 18.54(5) 19.39(6) 16.44(1) 18.40 18.24 fertility 92.95(3) 92.77(1) 92.78(2) 92.95(3) 93.07(5) 96.93(6) 92.48 90.07 flow 66.66(6) 65.99(5) 65.99(4) 65.66(3) 64.99(2) 57.16(1) 65.21 64.12 forest 99.65(6) 99.58(4) 99.58(5) 99.54(3) 98.27(1) 99.33(2) 99.45 99.0 servo 102.02(6) 75.89(5) 73.02(4) 64.29(3) 59.63(2) 56.87(1) 60.14 52.34 slump 86.85(6) 86.43(5) 86.43(4) 86.02(3) 84.90(2) 79.17(1) 85.75 83.52 traffic 40.24(5) 36.86(4) 36.80(3) 3	$wine_red$	69.12(6)	65.55(5)	65.52(4)	64.87(2)	64.82 (1)	64.90(3)	64.83 54.53
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	wine_white	78.12(6)	73.82(5)	73.77(4)	72.98(3)	72.93(2)	72.83 (1)	72.92 62.92
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Avg. Rank	(5.44)	(4.78)	(4.00)	(3.00)	(1.89)	(1.89)	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Lasso	Best	BEM	IEW	Caruana	RSWH	RSWHf	WCH SCH
$\begin{array}{llllllllllllllllllllllllllllllllllll$	automobile	18.45(2)	18.49(3)	18.49(4)	18.54(5)	19.39(6)	16.44 (1)	18.40 18.24
$\begin{array}{llllllllllllllllllllllllllllllllllll$	fertility	92.95(3)	92.77(1)	92.78(2)	92.95(3)	93.07(5)	96.93(6)	92.48 90.07
$\begin{array}{c} {\rm servo} & 102.02(6) & 75.89(5) & 73.02(4) & 64.29(3) & 59.63(2) & {\bf 56.87}(1) & 60.14 & 52.34 \\ {\rm slump} & 86.85(6) & 86.43(5) & 86.43(4) & 86.02(3) & 84.90(2) & {\bf 79.17}(1) & 85.75 & 83.52 \\ {\rm traffic} & 40.24(5) & 36.86(4) & 36.80(3) & 35.72(2) & {\bf 34.86}(1) & 43.84(6) & 35.05 & 31.64 \\ {\rm wine_red} & 96.71(6) & 89.09(5) & 88.21(4) & 83.54(3) & 75.67(2) & {\bf 65.63}(1) & 78.50 & 68.64 \\ {\rm wine_white} & 95.58(6) & 88.34(5) & 87.83(4) & 84.48(3) & 81.56(2) & {\bf 73.74}(1) & 82.62 & 72.14 \\ {\rm Avg. \ Rank} & (5.17) & (4.11) & (3.78) & (3.17) & (2.56) & (2.22) & \\ {\rm SVR} & {\rm Best} & {\rm BEM} & {\rm IEW} & {\rm Caruana} & {\rm RSWH} & {\rm RSWH} & {\rm WCH} & {\rm SCH} \\ {\rm automobile} & 114.30(6) & 112.36(5) & 107.23(4) & 91.12(3) & 76.54(2) & {\bf 16.10}(1) & 83.74 & 82.48 \\ {\rm fertility} & 184.62(6) & 110.73(5) & 104.17(4) & {\bf 94.79}(1) & 101.98(3) & 101.94(2) & 88.94 & 52.49 \\ {\rm flow} & 106.54(6) & 103.90(5) & 103.80(4) & 97.96(3) & 91.07(2) & {\bf 58.82}(1) & 92.25 & 75.72 \\ {\rm forest} & 101.04(6) & 99.98(5) & 99.95(4) & {\bf 98.07}(1) & 98.38(2) & 99.69(3) & 97.60 & 95.49 \\ {\rm servo} & 117.03(6) & 72.74(5) & 57.21(4) & 25.58(3) & {\bf 23.37}(1) & 24.23(2) & 21.51 & 16.47 \\ {\rm slump} & 116.65(6) & 110.74(5) & 110.34(4) & 100.51(3) & 95.55(2) & 78.91(1) & 98.18 & 75.27 \\ {\rm traffic} & 89.38(6) & 70.80(5) & 66.98(4) & 51.34(3) & 50.80(2) & 41.93(1) & 47.88 & 24.81 \\ {\rm wine_red} & 123.91(6) & 81.37(5) & 79.89(4) & 71.25(3) & 71.02(2) & 60.34(1) & 73.97 & 32.04 \\ {\rm wine_white} & 99.63(6) & 75.29(5) & 74.84(4) & 69.32(2) & 70.17(3) & 61.62(1) & 71.50 & 38.45 \\ \hline \end{array}$	flow	66.66(6)	65.99(5)	65.99(4)	65.66(3)	64.99(2)	57.16(1)	65.21 64.12
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	forest	99.65(6)	99.58(4)	99.58(5)	99.54(3)	98.27(1)	99.33(2)	99.45 99.09
$\begin{array}{llllllllllllllllllllllllllllllllllll$	servo	102.02(6)	75.89(5)	73.02(4)	64.29(3)	59.63(2)	56.87(1)	60.14 52.34
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	slump	86.85(6)	86.43(5)	86.43(4)	86.02(3)	84.90(2)	79.17(1)	85.75 83.52
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	traffic	40.24(5)	36.86(4)	36.80(3)	35.72(2)	34.86(1)	43.84(6)	35.05 31.64
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	wine_red	96.71(6)	89.09(5)	88.21(4)	83.54(3)	75.67(2)	65.63(1)	78.50 68.64
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	wine_white	95.58(6)	88.34(5)	87.83(4)	84.48(3)	81.56(2)	73.74(1)	82.62 72.14
automobile $114.30(6)$ $112.36(5)$ $107.23(4)$ $91.12(3)$ $76.54(2)$ $16.10(1)$ 83.74 82.48 fertility $184.62(6)$ $110.73(5)$ $104.17(4)$ $94.79(1)$ $101.98(3)$ $101.94(2)$ 88.94 52.49 flow $106.54(6)$ $103.90(5)$ $103.80(4)$ $97.96(3)$ $91.07(2)$ $58.82(1)$ 92.25 75.72 forest $101.04(6)$ $99.98(5)$ $99.95(4)$ $98.07(1)$ $98.38(2)$ $99.69(3)$ 97.60 95.49 servo $117.03(6)$ $72.74(5)$ $57.21(4)$ $25.58(3)$ $23.37(1)$ $24.23(2)$ 21.51 16.47 slump $116.65(6)$ $110.74(5)$ $110.34(4)$ $100.51(3)$ $95.55(2)$ $78.91(1)$ 98.18 75.27 traffic $89.38(6)$ $70.80(5)$ $66.98(4)$ $51.34(3)$ $50.80(2)$ $41.93(1)$ 47.88 24.81 wine_red $123.91(6)$ $81.37(5)$ $79.89(4)$ $71.25(3)$ $71.02(2)$ $60.34(1)$ 73.97 32.04 wine_white $99.63(6)$ $75.29(5)$ $74.84(4)$ $69.32(2)$ $70.17(3)$ $61.62(1)$ 71.50 38.45	Avg. Rank	(5.17)	(4.11)	(3.78)	(3.17)	(2.56)	(2.22)	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	SVR	Best	BEM	IEW	Caruana	RSWH	RSWHf	WCH SCH
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	automobile	114.30(6)	112.36(5)	107.23(4)	91.12(3)	76.54(2)	16.10 (1)	83.74 82.48
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	fertility	184.62(6)	110.73(5)	104.17(4)	94.79 (1)	101.98(3)	101.94(2)	88.94 52.49
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	flow	106.54(6)	103.90(5)	103.80(4)	97.96(3)	91.07(2)	58.82 (1)	92.25 75.72
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	forest	101.04(6)	99.98(5)	99.95(4)	98.07 (1)	98.38(2)	99.69(3)	97.60 95.49
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	servo	117.03(6)	72.74(5)	57.21(4)	25.58(3)	23.37(1)	24.23(2)	21.51 16.47
$\begin{array}{llllllllllllllllllllllllllllllllllll$	slump	116.65(6)	110.74(5)	110.34(4)	100.51(3)	95.55(2)	78.91(1)	98.18 75.27
wine_white 99.63(6) 75.29(5) 74.84(4) 69.32(2) 70.17(3) 61.62 (1) 71,50 38.45	traffic	89.38(6)	70.80(5)	66.98(4)	51.34(3)	50.80(2)	41.93 (1)	47.88 24.81
	$wine_red$	123.91(6)	81.37(5)	79.89(4)	71.25(3)	71.02(2)	60.34 (1)	73.97 32,04
	$wine_white$	99.63(6)	75.29(5)	74.84(4)	69.32(2)	70.17(3)	61.62(1)	71,50 38.45
Avg. Rank (6.00) (5.00) (4.00) (2.44) (2.11) (1.44)	Avg. Rank	(6.00)	(5.00)	(4.00)	(2.44)	(2.11)	(1.44)	

Table 9: 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 (RSWHf) or not (RSWH), all taking into account several baseline systems (kNNR, Ridge, Lasso and SVR) and the PSO 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.