

MLS	Dataset	Best	BEM	IEW	GEM	Caruana	RBST(ICM)
Ridge	automobile	20.34(6)	17.42 (1)	17.56(4)	17.42(2)	17.60(5)	17.46(3)
	fertility	109.03(4)	110.31(6)	110.29(5)	109.02(3)	109.02(2)	104.48 (1)
	flow	66.39(4)	66.50(6)	66.50(5)	66.03(3)	66.03(2)	63.94 (1)
	forest	109.81(3)	111.94(6)	111.93(5)	110.12(4)	109.81(2)	102.00 (1)
	servo	63.54(4)	64.22(6)	64.22(5)	63.52(3)	63.52(2)	61.63 (1)
	slump	90.11(2)	90.50(6)	90.49(5)	90.11(4)	90.11(2)	86.65 (1)
	traffic	46.80(2)	48.64(6)	48.53(5)	46.80(4)	46.80(2)	44.89 (1)
	wine_red	64.99(2)	65.52(6)	65.47(5)	65.00(3)	64.99 (1)	65.09(4)
	wine_white	72.80(4)	73.48(6)	73.42(5)	72.67 (1)	72.68(3)	72.68(2)
Avg. Rank		(3.56)	(5.44)	(4.89)	(3.00)	(2.44)	(1.67)
SVR	automobile	20.70 (1)	45.27(6)	24.06(3)	41.49(5)	25.55(4)	22.09(2)
	fertility	105.70(6)	100.59 (1)	101.05(2)	104.20(5)	104.19(4)	103.55(3)
	flow	70.13(4)	75.37(5)	69.73(3)	69.17(2)	67.62 (1)	79.18(6)
	forest	97.27 (1)	120.89(6)	98.63(2)	120.89(5)	110.75(3)	112.12(4)
	servo	17.91(4)	49.40(6)	31.51(5)	16.26(3)	16.19(2)	15.76 (1)
	slump	82.98(3)	196.64(6)	83.90(4)	80.45(2)	67.82 (1)	86.06(5)
	traffic	50.25(6)	44.26(2)	42.19 (1)	48.85(5)	48.65(4)	46.45(3)
	wine_red	66.96(5)	78.24(6)	65.85(4)	60.38(3)	59.98(2)	56.55 (1)
	wine_white	78.19(3)	192.38(6)	121.99(5)	99.81(4)	61.19(2)	56.26 (1)
Avg. Rank		(3.67)	(4.89)	(3.22)	(3.78)	(2.56)	(2.89)
RF	automobile	17.67(6)	17.61(4)	16.13(3)	17.61(5)	16.08(2)	15.32 (1)
	fertility	90.76(3)	90.61(2)	90.58 (1)	92.17(5)	91.11(4)	93.21(6)
	flow	74.06(6)	60.07 (1)	60.20(2)	62.84(4)	61.80(3)	63.24(5)
	forest	107.42 (1)	126.91(5)	124.61(4)	126.98(6)	118.37(3)	110.09(2)
	servo	14.76 (1)	24.47(6)	20.29(4)	19.47(3)	19.46(2)	21.01(5)
	slump	70.95(6)	67.70(4)	67.45(3)	64.29(2)	64.08 (1)	68.08(5)
	traffic	46.32(5)	43.30(2)	42.76 (1)	44.77(3)	44.85(4)	46.59(6)
	wine_red	60.62(5)	61.04(6)	60.52(4)	57.15 (1)	57.16(2)	57.56(3)
	wine_white	63.97(4)	66.99(6)	66.33(5)	60.13(2)	60.14(3)	59.40 (1)
Avg. Rank		(4.11)	(4.00)	(3.00)	(3.44)	(2.67)	(3.78)
Mean Rank		(3.78)	(4.78)	(3.70)	(3.41)	(2.56)	(2.78)

Table 5: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when Best, BEM, IEW, GEM, Caruana, BST(ICM) and BST(ICM) Reg, taking into account some baseline systems (Ridge, SVR and RF) and the HB sampling strategy.