

MLS	Dataset	Best	BEM	IEW	GEM-ITH	Caruana	RBST(ICM)
Ridge	automobile	20.01(6)	18.05(4)	17.98(3)	18.05(5)	16.83 (1)	17.55(2)
	fertility	110.82(6)	109.84(5)	109.83(4)	109.21(3)	109.21(2)	102.81 (1)
	flow	66.99(6)	66.78(5)	66.77(4)	66.39(3)	66.39(2)	64.65 (1)
	forest	112.39(4)	113.24(5)	113.24(6)	112.29(3)	112.10(2)	100.93 (1)
	servo	63.94(6)	63.88(5)	63.88(4)	63.81(2)	63.81(3)	60.21 (1)
	slump	91.27(6)	90.78(5)	90.78(4)	90.53(3)	90.53(2)	85.38 (1)
	traffic	48.98(6)	48.19(5)	48.16(4)	46.93(2)	46.93(3)	45.05 (1)
	wine_red	69.18(6)	65.64(5)	65.62(4)	64.97(3)	64.96(2)	64.95 (1)
	wine_white	78.28(6)	73.97(5)	73.91(4)	73.08 (1)	73.09(3)	73.08(2)
Avg. Rank		(5.78)	(4.89)	(4.11)	(2.78)	(2.22)	(1.22)
SVR	automobile	115.49(6)	113.25(5)	107.42(3)	108.12(4)	81.05(2)	74.02 (1)
	fertility	200.46(6)	120.06(5)	112.07(4)	101.87(2)	101.64 (1)	108.24(3)
	flow	103.60(6)	101.26(5)	101.17(4)	91.11(2)	91.11 (1)	91.22(3)
	forest	102.45(6)	99.75(4)	99.71(3)	97.53 (1)	97.53(2)	100.47(5)
	servo	106.30(6)	58.51(5)	42.38(4)	20.90(2)	20.93(3)	20.63 (1)
	slump	114.54(6)	108.57(5)	108.15(4)	97.19(3)	97.18(2)	92.90 (1)
	traffic	105.66(6)	83.47(5)	78.82(4)	61.88(3)	61.55(2)	59.10 (1)
	wine_red	124.07(6)	81.50(5)	80.01(4)	70.48(2)	70.49(3)	69.80 (1)
	wine_white	99.83(6)	75.45(5)	75.00(4)	68.62(2)	68.64(3)	68.23 (1)
Avg. Rank		(6.00)	(4.89)	(3.78)	(2.33)	(2.11)	(1.89)
RF	automobile	40.17(6)	28.17(5)	26.01(3)	27.96(4)	17.82 (1)	17.90(2)
	fertility	112.53(6)	89.47 (1)	90.70(2)	90.75(4)	90.71(3)	94.74(5)
	flow	81.07(6)	62.57(4)	65.72(5)	61.07 (1)	61.13(2)	62.31(3)
	forest	273.64(6)	116.97(4)	113.21(3)	119.11(5)	107.08 (1)	107.96(2)
	servo	98.69(6)	52.44(5)	45.12(4)	16.82(2)	16.82 (1)	17.41(3)
	slump	89.40(6)	78.72(5)	76.61(4)	76.25(3)	76.21(2)	75.15 (1)
	traffic	90.79(6)	56.13(5)	53.78(4)	46.02(2)	45.97 (1)	50.30(3)
	wine_red	80.48(6)	74.05(5)	72.51(4)	60.24(3)	60.24(2)	60.06 (1)
	wine_white	87.47(6)	78.46(5)	77.84(4)	67.58(2)	67.58(3)	66.58 (1)
Avg. Rank		(6.00)	(4.33)	(3.67)	(2.89)	(1.78)	(2.33)
Mean Rank		(5.93)	(4.70)	(3.85)	(2.67)	(2.04)	(1.81)

Table 4: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when Best, BEM, IEW, GEM-ITH, Caruana, BST(ICM) and BST(ICM) Reg, taking into account some baseline systems (Ridge, SVR and RF) and the PSO sampling strategy.