MLS	Dataset	Best	BEM	IEW	GEM	Caruana	RBST(ICM)
	abalone	**46.76**(1)	46.81(3)	46.78(2)	47.19(5)	47.19(4)	47.20(6)
	airfoil_self_noise	80.88(6)	63.92(5)	61.96(4)	50.13(2)	50.13(3)	**50.08**(1)
	auto_mpg	23.17(6)	19.02(4)	19.33(5)	18.47(2)	**18.47**(1)	18.51(3)
	automobile	20.01(6)	18.05(4)	17.98(3)	18.05(5)	**16.83**(1)	17.55(2)
	concrete_data	**39.05**(1)	39.08(3)	39.07(2)	39.17(5)	39.17(6)	39.17(4)
	crime	35.73(6)	35.55(5)	35.39(4)	34.89(2)	**34.88**(1)	34.93(3)
	fertility	110.82(6)	109.84(5)	109.83(4)	109.21(3)	109.21(2)	**102.81**(1)
Ridge	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)
	qsar	43.15(6)	43.14(5)	43.14(4)	43.14(3)	43.14(2)	**43.05**(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		(5.20)	(4.60)	(3.87)	(2.93)	(2.47)	(**1.93**)
	abalone	92.75(6)	60.08(5)	55.06(4)	43.82(2)	43.82(3)	**42.76**(1)
	airfoil_self_noise	164.60(6)	92.15(5)	88.87(4)	88.79(3)	84.34(2)	**81.68**(1)
	auto_mpg	101.67(6)	100.33(4)	100.62(5)	97.90(3)	97.89(2)	**94.91**(1)
	automobile	115.49(6)	113.25(5)	107.42(3)	108.12(4)	81.05(2)	**74.02**(1)
	concrete_data	94.15(5)	94.43(6)	94.01(4)	80.39(3)	80.39(2)	**80.16**(1)
	crime	99.66(6)	60.04(5)	59.75(4)	51.84(3)	51.83(2)	**50.26**(1)
	fertility	200.46(6)	120.06(5)	112.07(4)	101.87(2)	**101.64**(1)	108.24(3)
SVR	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)
	qsar	80.09(6)	44.39(5)	41.56(4)	36.99(3)	36.98(2)	**36.38**(1)
	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		(5.93)	(4.93)	(3.93)	(2.53)	(2.13)	(**1.53**)
	abalone	71.75(6)	62.81(5)	62.60(4)	46.22(2)	46.22(3)	**46.06**(1)
	airfoil_self_noise	85.94(6)	68.41(5)	57.83(4)	31.08(3)	31.08(2)	**28.75**(1)
	auto_mpg	37.62(6)	26.52(5)	23.66(4)	14.82(2)	14.83(3)	**14.79**(1)
	automobile	40.17(6)	28.17(5)	26.01(3)	27.96(4)	**17.82**(1)	17.90(2)
	concrete_data	79.68(6)	49.05(5)	44.53(4)	28.65(3)	17.34(2)	**16.50**(1)
	crime	57.94(6)	46.48(4)	47.05(5)	38.40(2)	38.41(3)	**38.19**(1)
	fertility	112.53(6)	**89.47**(1)	90.70(2)	90.75(4)	90.71(3)	94.74(5)
RFR	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)
	qsar	79.12(6)	61.05(5)	59.26(4)	41.78(3)	41.78(2)	**40.94**(1)
	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)	(4.53)	(3.87)	(2.73)	(2.07)	(**1.80**)
Mean Rank		(5.71)	(4.69)	(3.89)	(2.73)	(2.22)	(**1.76**)

Table 4: 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 RBST(ICM) , taking into account some baseline systems (Ridge, SVR and RFR) and the PSO sampling strategy.