MLS	Dataset	RBST(AIC)	RBST(AICc)	RBST(BIC)	RBST(HQIC)	RBST(GMDL)
	automobile	**18.05**(2)	**18.05**(2)	18.88(5)	**18.05**(2)	18.81(4)
	fertility	**102.78**(3)	**102.78**(3)	**102.78**(3)	**102.78**(3)	**102.78**(3)
	flow	**63.78**(3)	**63.78**(3)	**63.78**(3)	**63.78**(3)	**63.78**(3)
	forest	**100.75**(3)	**100.75**(3)	**100.75**(3)	**100.75**(3)	**100.75**(3)
Ridge	servo	**60.26**(3)	**60.26**(3)	**60.26**(3)	**60.26**(3)	**60.26**(3)
	slump	**85.69**(3)	**85.69**(3)	**85.69**(3)	**85.69**(3)	**85.69**(3)
	traffic	**45.06**(3)	**45.06**(3)	**45.06**(3)	**45.06**(3)	**45.06**(3)
	wine_red	**64.92**(3)	**64.92**(3)	**64.92**(3)	**64.92**(3)	**64.92**(3)
	wine_white	**72.97**(3)	**72.97**(3)	**72.97**(3)	**72.97**(3)	**72.97**(3)
Avg. Rank		**(2.89)**	**(2.89)**	(3.22)	**(2.89)**	(3.11)
	automobile	**100.17**(3)	**100.17**(3)	**100.17**(3)	**100.17**(3)	**100.17**(3)
	fertility	**114.09**(3)	**114.09**(3)	**114.09**(3)	**114.09**(3)	**114.09**(3)
	flow	**76.51**(3)	**76.51**(3)	**76.51**(3)	**76.51**(3)	**76.51**(3)
	forest	**100.80**(3)	**100.80**(3)	**100.80**(3)	**100.80**(3)	**100.80**(3)
SVR	servo	**15.89**(2)	**15.89**(2)	**15.89**(2)	**15.89**(2)	17.35(5)
	slump	74.36(5)	74.23(4)	**74.17**(2)	**74.17**(2)	**74.17**(2)
	traffic	**39.35**(3)	**39.35**(3)	**39.35**(3)	**39.35**(3)	**39.35**(3)
	wine_red	**65.39**(3)	**65.39**(3)	**65.39**(3)	**65.39**(3)	**65.39**(3)
	wine_white	**58.79**(1)	59.86(2)	61.12(3)	61.12(3)	73.37(5)
Avg. Rank		(2.94)	(2.94)	**(2.89)**	**(2.89)**	(3.33)
	automobile	**14.93**(3)	**14.93**(3)	**14.93**(3)	**14.93**(3)	**14.93**(3)
	fertility	**99.66**(3)	**99.66**(3)	**99.66**(3)	**99.66**(3)	**99.66**(3)
	flow	**66.93**(3)	**66.93**(3)	**66.93**(3)	**66.93**(3)	**66.93**(3)
	forest	**105.26**(3)	**105.26**(3)	**105.26**(3)	**105.26**(3)	**105.26**(3)
RF	servo	**13.73**(1)	**13.73**(1)	14.06(4)	14.06(4)	14.06(4)
	slump	**73.55**(3)	**73.55**(3)	**73.55**(3)	**73.55**(3)	**73.55**(3)
	traffic	**47.56**(3)	**47.56**(3)	**47.56**(3)	**47.56**(3)	**47.56**(3)
	wine_red	**57.64**(3)	**57.64**(3)	**57.64**(3)	**57.64**(3)	**57.64**(3)
	wine_white	**60.32**(3)	**60.32**(3)	**60.32**(3)	**60.32**(3)	**60.32**(3)
Avg. Rank		**(2.83)**	**(2.83)**	(3.11)	(3.11)	(3.11)
Mean Rank		**(2.89)**	**(2.89)**	(3.07)	(2.96)	(3.19)

Table 15: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when RBST, using several stop criteria (AIC, AICc, BIC, HQIC and GMDL), taking into account some baseline systems (Ridge, SVR and RF) and the BO sampling strategy.