MLS	Dataset	BST(AIC)	BST(AICc)	BST(BIC)	BST(HQIC)	BST(GMDL)
	abalone	**47.26**(3)	**47.26**(3)	**47.26**(3)	**47.26**(3)	**47.26**(3)
	airfoil_self_noise	**48.86**(3)	**48.86**(3)	**48.86**(3)	**48.86**(3)	**48.86**(3)
	auto_mpg	**18.42**(3)	**18.42**(3)	**18.42**(3)	**18.42**(3)	**18.42**(3)
	automobile	**19.69**(3)	**19.69**(3)	**19.69**(3)	**19.69**(3)	**19.69**(3)
	concrete_data	**39.14**(3)	**39.14**(3)	**39.14**(3)	**39.14**(3)	**39.14**(3)
	crime	**34.71**(3)	**34.71**(3)	**34.71**(3)	**34.71**(3)	**34.71**(3)
	fertility	**106.37**(3)	**106.37**(3)	**106.37**(3)	**106.37**(3)	**106.37**(3)
Ridge	flow	**64.26**(3)	**64.26**(3)	**64.26**(3)	**64.26**(3)	**64.26**(3)
	forest	**102.12**(3)	**102.12**(3)	**102.12**(3)	**102.12**(3)	**102.12**(3)
	qsar	**43.08**(3)	**43.08**(3)	**43.08**(3)	**43.08**(3)	**43.08**(3)
	servo	**61.49**(3)	**61.49**(3)	**61.49**(3)	**61.49**(3)	**61.49**(3)
	slump	**86.94**(3)	**86.94**(3)	**86.94**(3)	**86.94**(3)	**86.94**(3)
	traffic	**42.79**(2)	**42.79**(2)	44.92(4)	**42.79**(2)	44.92(4)
	wine_red	**65.09**(3)	**65.09**(3)	**65.09**(3)	**65.09**(3)	**65.09**(3)
	wine_white	**72.58**(3)	**72.58**(3)	**72.58**(3)	**72.58**(3)	**72.58**(3)
Avg. Rank		(**2.93**)	(**2.93**)	(3.10)	(**2.93**)	(3.10)
	abalone	**43.03**(3)	**43.03**(3)	**43.03**(3)	**43.03**(3)	**43.03**(3)
	airfoil_self_noise	**75.59**(3)	**75.59**(3)	**75.59**(3)	**75.59**(3)	**75.59**(3)
	auto_mpg	**19.72**(1)	**19.72**(1)	19.96(4)	19.96(4)	19.96(4)
	automobile	**21.27**(3)	**21.27**(3)	**21.27**(3)	**21.27**(3)	**21.27**(3)
	concrete_data	28.52(2)	**26.97**(1)	30.66(4)	28.52(2)	39.98(5)
	crime	**36.73**(3)	**36.73**(3)	**36.73**(3)	**36.73**(3)	**36.73**(3)
	fertility	**102.54**(3)	**102.54**(3)	**102.54**(3)	**102.54**(3)	**102.54**(3)
SVR	flow	78.77(4)	78.77(4)	**71.30**(1)	78.77(4)	**71.30**(1)
	forest	**111.18**(3)	**111.18**(3)	**111.18**(3)	**111.18**(3)	**111.18**(3)
	qsar	**38.02**(3)	**38.02**(3)	**38.02**(3)	**38.02**(3)	**38.02**(3)
	servo	**16.73**(3)	**16.73**(3)	**16.73**(3)	**16.73**(3)	**16.73**(3)
	slump	116.36(3)	116.36(3)	116.36(3)	116.36(3)	**114.93**(1)
	traffic	**58.21**(3)	**58.21**(3)	**58.21**(3)	**58.21**(3)	**58.21**(3)
	wine_red	**62.81**(1)	**62.81**(1)	67.35(4)	64.77(3)	67.35(4)
	wine_white	**57.57**(2)	**57.57**(2)	**57.57**(2)	**57.57**(2)	70.46(5)
Avg. Rank		(2.83)	(**2.73**)	(3.13)	(3.10)	(3.20)
	abalone	**45.35**(3)	**45.35**(3)	**45.35**(3)	**45.35**(3)	**45.35**(3)
	airfoil_self_noise	**14.04**(3)	**14.04**(3)	**14.04**(3)	**14.04**(3)	**14.04**(3)
	auto_mpg	**15.48**(3)	**15.48**(3)	**15.48**(3)	**15.48**(3)	**15.48**(3)
	automobile	**18.08**(3)	**18.08**(3)	**18.08**(3)	**18.08**(3)	**18.08**(3)
	concrete_data	**12.48**(3)	**12.48**(3)	**12.48**(3)	**12.48**(3)	**12.48**(3)
	crime	**36.38**(3)	**36.38**(3)	**36.38**(3)	**36.38**(3)	**36.38**(3)
	fertility	91.98(2)	**91.70**(1)	94.35(4)	91.98(2)	94.35(4)
RFR	flow	**62.59**(3)	**62.59**(3)	**62.59**(3)	**62.59**(3)	**62.59**(3)
	forest	**116.29**(3)	**116.29**(3)	**116.29**(3)	**116.29**(3)	**116.29**(3)
	qsar	**38.09**(3)	**38.09**(3)	**38.09**(3)	**38.09**(3)	**38.09**(3)
	servo	**19.71**(3)	**19.71**(3)	**19.71**(3)	**19.71**(3)	**19.71**(3)
	slump	**63.94**(3)	**63.94**(3)	**63.94**(3)	**63.94**(3)	**63.94**(3)
	traffic	**50.82**(3)	**50.82**(3)	**50.82**(3)	**50.82**(3)	**50.82**(3)
	wine_red	**60.08**(3)	**60.08**(3)	**60.08**(3)	**60.08**(3)	**60.08**(3)
	wine_white	**60.02**(3)	**60.02**(3)	**60.02**(3)	**60.02**(3)	**60.02**(3)
Avg. Rank		(2.97)	(**2.87**)	(3.10)	(2.97)	(3.10)
Mean Rank		(2.91)	(**2.84**)	(3.11)	(3.00)	(3.13)

Table 24: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when BST, using several stop criteria (AIC, AICc, BIC, HQIC and GMDL), taking into account some baseline systems (Ridge, SVR and RFR) and the HB sampling strategy.