MLS	Dataset	PLS(AIC)	PLS(AICc)	PLS(BIC)	PLS(HQIC)	PLS(GMDL)
	automobile	**17.44**(2)	**17.44**(2)	17.59(4)	**17.44**(2)	17.59(4)
	fertility	**104.82**(2)	105.77(5)	**104.82**(2)	**104.82**(2)	**104.82**(2)
	flow	67.94(3)	70.62(5)	**64.38**(1)	67.94(3)	**64.38**(1)
	forest	**101.44**(3)	**101.44**(3)	**101.44**(3)	**101.44**(3)	**101.44**(3)
Ridge	servo	**60.02**(2)	**60.02**(2)	61.79(4)	**60.02**(2)	61.79(4)
	slump	**86.69**(2)	90.66(5)	**86.69**(2)	**86.69**(2)	**86.69**(2)
	traffic	44.02(2)	**43.38**(1)	44.45(4)	44.02(2)	44.45(4)
	wine_red	**65.56**(3)	**65.56**(3)	**65.56**(3)	**65.56**(3)	**65.56**(3)
	wine_white	**73.46**(3)	**73.46**(3)	**73.46**(3)	**73.46**(3)	**73.46**(3)
Avg. Rank		(**2.67**)	(3.22)	(3.22)	(**2.67**)	(3.22)
	automobile	**19.34**(3)	**19.34**(3)	**19.34**(3)	**19.34**(3)	**19.34**(3)
	fertility	112.28(3)	112.28(3)	112.28(3)	112.28(3)	**105.85**(1)
	flow	93.13(3)	106.08(5)	**66.31**(1)	93.13(3)	**66.31**(1)
	forest	**117.17**(3)	**117.17**(3)	**117.17**(3)	**117.17**(3)	**117.17**(3)
SVR	servo	17.39(3)	17.39(3)	**17.38**(1)	17.39(3)	17.68(5)
	slump	96.67(3)	96.67(3)	96.67(3)	96.67(3)	**75.91**(1)
	traffic	**47.25**(1)	48.71(5)	48.31(3)	**47.25**(1)	48.31(3)
	wine_red	**60.34**(1)	**60.34**(1)	63.60(4)	62.52(3)	63.60(4)
	wine_white	**110.85**(3)	**110.85**(3)	**110.85**(3)	**110.85**(3)	**110.85**(3)
Avg. Rank		(**2.83**)	(3.39)	(2.94)	(3.00)	(**2.83**)
	automobile	23.86(3)	25.13(4)	21.62(2)	25.13(4)	**16.91**(1)
	fertility	104.59(4)	104.59(4)	99.10(2)	104.59(4)	**96.12**(1)
	flow	85.09(4)	85.09(4)	**76.27**(1)	85.09(4)	**76.27**(1)
	forest	**108.27**(2)	116.67(5)	**108.27**(2)	**108.27**(2)	**108.27**(2)
RF	servo	27.01(3)	27.01(3)	**26.96**(1)	27.01(3)	27.19(5)
	slump	82.32(4)	78.90(2)	79.34(3)	82.32(4)	**72.64**(1)
	traffic	49.87(2)	51.91(5)	50.60(4)	49.87(2)	**46.17**(1)
	wine_red	**59.51**(3)	**59.51**(3)	**59.51**(3)	**59.51**(3)	**59.51**(3)
	wine_white	65.05(3)	**60.62**(1)	65.05(3)	65.05(3)	65.05(3)
Avg. Rank		(3.33)	(3.50)	(2.50)	(3.50)	(**2.17**)
Mean Rank		(2.94)	(3.37)	(2.89)	(3.06)	(**2.74**)

Table 23: The 3-fold cross validation relative mean squared error and Friedman ranks for all the datasets when PLS, using several stop criteria (AIC, AICc, BIC, HQIC and GMDL), taking into account some baseline systems (Ridge, SVR and RF) and the HB sampling strategy.