

Results.

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Accuracy.

TABLE 7.1: Accuracy in Percentage

		Train				Test			
		Valence	Arousal	Control	Prediction	Valence	Arousal	Control	Prediction
r	rf	88.44	88.88	88.05	85.16	82.76	85.50	86.08	80.87
	xgb	89.97	86.61	90.33	86.42	85.80	85.70	87.73	83.51
b	rf	79.01	79.10	79.10	73.20	67.87	68.15	70.17	62.87
	xgb	82.47	80.85	80.58	77.21	71.27	70.21	72.54	66.95
s	rf	88.71	89.60	89.04	85.54	81.59	83.85	86.01	78.57
	xgb	90.92	92.33	91.67	90.55	84.68	87.56	86.84	85.60
b_s	rf	88.02	90.27	89.13	85.87	80.29	84.50	85.64	79.23
	xgb	90.92	92.33	91.67	90.55	84.68	87.56	86.84	85.60
a_r	rf	72.66	76.59	76.65	67.72	64.35	70.62	72.75	62.63
	xgb	73.95	76.81	79.85	74.13	69.32	72.61	76.86	70.93
a_b	rf	67.31	68.02	67.33	63.16	56.56	59.72	60.00	53.38
	xgb	64.36	65.87	66.45	62.40	55.54	58.18	59.44	54.20
a_s	rf	66.28	67.70	67.87	66.05	58.00	61.19	60.75	57.35
	xgb	65.20	66.93	67.96	64.44	58.48	61.23	61.40	56.91
a_b_s	rf	66.27	68.43	67.67	66.60	57.32	62.11	60.37	57.56
	xgb	65.20	66.94	67.96	64.44	58.48	61.23	61.40	56.91