Action Class	C3D		I3D		TSN		ResNet50+LSTM	
	M.A.	M.D.	M.A.	M.D.	M.A.	M.D.	M.A.	M.D.
pour	62.0	6.67	85.1	3.33	70.0	16.7	60.4	3.33
pullup	92.4	16.7	92.7	16.7	100.0	0.00	81.6	3.33
punch	20.4	43.3	44.0	26.7	9.78	10.0	38.0	16.7
push	56.9	36.7	79.3	13.3	35.6	10.0	76.2	10.0
pushup	84.9	26.7	81.8	26.7	83.6	3.33	57.8	10.0
ride_bike	90.9	6.67	99.6	3.33	95.1	10.0	94.4	3.33
ride_horse	79.1	10.0	89.3	16.7	55.6	16.7	70.2	16.7
run	39.6	23.3	16.0	20.0	57.3	10.0	43.1	10.0
shake_hands	50.9	23.3	80.7	20.0	70.4	10.0	62.0	10.0
shoot_ball	93.3	6.67	87.1	16.7	43.6	13.3	63.8	6.67
shoot_bow	90.7	13.3	91.8	10.0	88.9	3.33	75.1	3.33
shoot_gun	63.8	13.3	83.8	16.7	70.9	3.33	68.0	3.33
sit	24.7	20.0	20.7	16.7	43.3	13.3	22.9	10.0
situp	95.8	6.67	100.0	0.00	94.0	10.0	75.8	13.3
smile	38.0	20.0	46.0	16.7	33.3	6.67	35.1	3.33
smoke	20.2	10.0	79.8	10.0	17.1	20.0	49.3	13.3
somersault	48.7	13.3	56.9	10.0	13.6	6.67	53.6	16.7
stand	18.7	26.7	14.2	16.7	17.8	6.67	6.89	6.67
swing_baseball	14.0	6.67	40.0	26.7	16.2	10.0	6.22	3.33
sword	11.6	10.0	16.4	23.3	23.3	6.67	14.2	6.67
sword_exercise	5.33	6.67	28.4	20.0	10.0	0.00	15.6	6.67
talk	40.9	10.0	80.9	10.0	53.3	6.67	26.7	6.67
throw	25.8	13.3	41.3	23.3	51.3	6.67	11.3	3.33
turn	23.6	20.0	30.4	30.0	3.78	6.67	40.7	6.67
walk	21.1	10.0	44.2	23.3	25.8	6.67	17.8	13.3
wave	2.00	10.0	8.89	10.0	12.7	6.67	12.4	10.0
Total Average	**45.13**	**17.52**	**58.23**	**21.50**	**43.10**	**8.69**	**45.30**	**8.56**