

SDC 2. Confusion matrices for model predictions when using the thigh and wrist accelerometer.

		Predicted								Total	
		Sitting	Lying	Standing	DS	Walking	Running	Cycling	DM		
Observed	Adult	Sitting	7518	494	26	14	1	0	1	-	8054
		Lying	1126	328	0	2	0	0	0	-	1456
		Standing	37	0	2847	153	0	0	3	-	3040
		DS	30	0	154	2152	41	0	3	-	2380
		Walking	0	0	0	57	1359	0	14	-	1430
		Running	2	0	0	0	11	600	2	-	615
		Cycling	81	0	1	60	502	0	620	-	1264
	Child	Sitting	7928	370	118	93	6	0	6	9	8530
		Lying	1075	636	0	2	0	0	0	1	1714
		Standing	20	0	714	115	4	0	1	0	854
		DS	41	0	38	1163	24	0	6	12	1284
		Walking	0	0	0	37	1638	4	2	34	1715
		Running	0	0	0	0	10	72	0	6	88
		Cycling	113	0	0	28	15	0	254	49	459
DM	142	5	6	113	158	2	7	179	612		

Note: Values represent the number of 5-second epochs correctly classified or misclassified; DS - Dynamic standing, DM - Dynamic movement; Bold values represent correct predictions.