

Table I . Eggbeater kick frequency over three trials of artistic swimmers and water polo players in task1

Participant	Artistic swimmers				Water polo players			
	Trial	Mean	SD	Average over three trials	Trial	Mean	SD	Average over three trials
1	1	68.10	2.20	69.6	1	74.45	3.67	75.73
	2	70.05	3.27		2	76.51	5.26	
	3	70.65	2.97		3	76.22	4.824	
2	1	86.25	5.63	89.48	1	70.23	3.55	69.64
	2	92.49	2.52		2	70.00	1.73	
	3	89.71	3.11		3	68.71	2.27	
3	1	86.94	2.18	84.92	1	82.66	4.60	83.28
	2	85.37	2.40		2	83.50	3.01	
	3	82.45	3.67		3	83.68	6.19	
4	1	83.82	2.74	85.49	1	95.75	7.57	93.06
	2	86.13	2.28		2	90.86	8.54	
	3	86.54	1.79		3	92.57	8.81	
5	1	76.49	4.81	76.43	1	72.49	1.99	71.91
	2	75.46	5.37		2	71.72	1.72	
	3	77.34	4.12		3	71.54	2.26	
6	1	90.64	8.20	87.1	1	62.58	2.42	62.14
	2	85.09	7.23		2	62.46	2.06	
	3	85.56	7.45		3	61.37	2.06	
7	1	87.20	6.70	86.65	1	68.65	2.75	70.67
	2	84.86	7.00		2	71.79	2.20	
	3	87.89	14.92		3	71.56	3.17	
8	1	81.53	6.60	78.87	1	80.44	1.97	83
	2	78.81	5.05		2	83.37	2.89	
	3	76.28	4.35		3	85.18	2.60	
9	1	86.42	3.24	86.43	1	58.84	2.52	57.96
	2	86.88	3.27		2	57.14	2.85	
	3	85.99	3.69		3	57.91	2.52	
<b>Mean</b>			4.70	82.78			3.56	74.15

Table II . Eggbeater kick and circular arm movement frequency in task2: Normal-slow-fast task

Participant	Artistic swimmers						Water polo players					
	Eggbeater kick frequency			Circular arm movement frequency			Eggbeater kick frequency			Circular arm movement frequency		
	100% of NS	80% of NS	120% of NS	100% of NS	80% of NS	120% of NS	100% of NS	80% of NS	120% of NS	100% of NS	80% of NS	120% of NS
1	100.20	99.11	97.53	100.24	79.75	116.55	107.46	107.08	118.02	100.58	93.11	122.70
2	93.35	86.18	97.22	97.61	78.10	110.48	100.43	97.38	102.78	103.45	85.55	124.73
3	103.24	103.66	105.78	102.06	80.86	117.95	101.13	88.37	105.95	107.47	85.90	121.73
4	98.11	99.05	98.56	95.94	84.04	114.94	101.50	108.47	109.77	96.04	78.73	116.01
5	97.38	94.82	93.74	105.28	82.46	119.42	103.89	101.72	111.28	99.31	82.87	112.60
6	99.30	101.64	99.44	101.55	82.11	117.96	99.55	87.96	102.10	98.08	78.74	118.71
7	96.16	92.25	92.44	97.78	79.11	111.05	100.67	98.53	106.66	101.40	86.94	122.49
8	98.71	93.17	97.98	99.36	85.94	120.39	100.20	97.33	106.69	101.16	81.58	119.65
9	98.90	97.43	96.78	99.48	78.95	120.90	104.44	107.82	118.73	98.60	78.47	116.91
<b>Mean</b>	98.37	96.37	97.72	99.92	81.26	116.63	102.14	99.41	109.11	100.68	83.54	119.50
<b>SD</b>	2.73	5.36	3.77	2.79	2.60	3.80	2.59	7.74	6.00	3.34	4.86	3.85

Table III. Eggbeater kick and circular arm movement frequency in task2: Normal-fast-slow task

Participant	Artistic swimmers						Water polo players					
	Eggbeater kick frequency			Circular arm movement frequency			Eggbeater kick frequency			Circular arm movement frequency		
	100% of NS	120% of NS	80% of NS	100% of NS	120% of NS	80% of NS	100% of NS	120% of NS	80% of NS	100% of NS	120% of NS	80% of NS
1	95.17	94.80	98.02	99.97	117.78	80.92	110.40	119.48	110.08	104.41	119.94	88.46
2	97.30	95.37	96.76	97.61	116.64	79.43	101.33	99.23	98.20	98.56	113.00	80.34
3	103.62	104.18	104.75	103.42	119.88	80.89	98.83	112.56	81.76	98.28	114.34	83.11
4	101.85	101.33	101.09	97.59	116.64	81.79	100.69	112.63	105.65	97.72	122.11	79.19
5	102.90	99.34	96.23	100.84	122.92	82.20	99.69	108.67	109.66	101.58	115.41	82.00
6	90.20	90.65	89.47	96.76	121.64	78.36	102.39	108.82	99.26	97.13	117.66	82.13
7	90.45	87.84	93.94	98.17	113.91	80.46	103.40	109.76	100.82	96.33	119.64	79.69
8	100.07	94.49	89.31	99.09	121.18	80.91	98.75	104.07	102.58	101.10	116.45	82.84
9	100.65	98.96	99.93	100.17	119.79	82.97	98.67	119.55	116.24	98.81	117.48	80.22
Mean	98.02	96.33	96.61	99.29	118.93	80.88	101.57	110.53	102.69	99.32	117.34	82.00
SD	5.10	5.17	5.13	2.07	2.89	1.39	3.71	6.58	9.80	2.56	2.90	2.80