

Table S1. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of the breaking battles.

Studyvariables	Men									Women								
	2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney		Hedges' g
	n	Mean	SD	n	Mean	SD	U	p	g	n	Mean	SD	n	Mean	SD	U	p	g
GTP																		
Battle Time	30	191.40	36.71	22	199.86	26.76	239.500	0.094		30	166.13	26.85	22	175.41	36.22	291.000	0.470	
Toprock Time	30	57.27	19.46	22	61.00	23.22	299.000	0.566		30	56.60	13.95	22	59.95	18.20	309.000	0.697	
Drop Time	30	8.17	3.33	22	7.82	2.74	303.000	0.614		30	6.17	2.17	22	7.05	3.70	288.500	0.438	
Footwork Time	30	68.60	28.14	22	62.91	13.57	298.500	0.559		30	69.37	16.86	22	67.50	17.95	311.500	0.732	
Spin Time	27	6.04	4.51	19	5.21	4.39	219.500	0.406		25	2.68	1.60	11	2.09	2.66	77.500	0.031*	0.292
Power Time	30	17.47	11.37	22	20.18	8.95	262.000	0.207		29	10.31	5.68	20	11.30	6.74	268.000	0.654	
Blow Up Time	29	9.83	5.11	20	7.60	5.34	205.500	0.085		22	5.73	3.43	10	6.10	3.28	101.000	0.713	
Acrobatic Time	16	2.88	2.50	11	2.91	2.12	79.000	0.646		8	1.75	1.16	10	2.50	1.84	28.500	0.279	
Transition Time	30	8.93	4.30	22	17.18	5.59	80.000	0.000*	-1.690	30	5.17	2.80	22	13.68	5.02	37.000	0.000*	-2.156
Freeze Time	30	14.87	7.00	22	17.95	5.59	219.500	0.040*	-0.472	30	12.17	3.97	22	12.05	6.88	266.500	0.238	
GSP																		
# of elements	30	74.43	14.13	22	82.82	9.88	187.000	0.008*	-0.670	30	48.87	9.41	22	52.32	12.58	291.000	0.470	
# of Toprock	30	9.73	2.70	22	9.36	2.54	295.500	0.519		30	7.77	2.33	22	6.68	1.89	240.500	0.094	
# of Drop	30	8.13	3.46	22	8.32	2.80	317.500	0.816		30	6.63	2.51	22	6.09	2.02	294.000	0.500	
# of Footwork	30	17.03	5.54	22	17.23	3.87	318.500	0.831		30	12.63	2.91	22	13.18	3.06	292.500	0.484	
# of Spin	27	3.74	1.85	19	3.53	2.63	213.000	0.324		25	1.92	1.15	11	1.73	1.79	100.000	0.156	
# of Power	30	12.83	7.68	22	15.73	7.67	259.000	0.188		29	6.14	3.79	20	6.95	4.20	259.000	0.526	
# of Blow Up	29	3.41	1.62	20	2.50	1.43	198.000	0.055		22	1.64	0.85	10	1.40	0.70	93.000	0.430	
# of Acrobatic	16	2.00	1.63	11	1.45	0.52	85.000	0.866		8	1.25	0.46	10	1.50	1.27	39.000	0.903	
# of Transition	30	7.37	3.39	22	13.45	3.83	78.500	0.000*	-1.675	30	4.73	2.36	22	9.68	3.31	68.500	0.000*	-1.739
# of Freeze	30	11.60	4.46	22	12.68	3.37	270.500	0.268		30	8.03	2.70	22	8.18	3.42	307.000	0.667	
PTP																		
Element Time	30	2.70	0.70	22	2.41	0.50	260.000	0.147		30	3.53	0.78	22	3.45	0.67	329.500	0.992	
Toprock Time	30	6.07	2.21	22	6.77	2.27	269.000	0.253		30	7.93	2.77	22	9.27	1.96	225.000	0.050*	-0.537
Drop Time	30	1.07	0.25	22	1.00	0.00	308.000	0.221		30	1.07	0.25	22	1.18	0.39	292.000	0.203	
Footwork Time	30	4.17	1.26	22	3.68	0.95	263.000	0.193		30	5.57	1.28	22	5.27	1.39	284.000	0.380	
Spin Time	27	1.59	0.89	19	1.58	1.22	239.500	0.654		25	1.60	1.04	11	1.09	0.30	99.000	0.092	
Power Time	30	1.27	0.45	22	1.14	0.35	287.000	0.260		29	1.90	1.05	20	1.75	0.72	281.500	0.848	
Blow Up Time	29	2.90	0.98	20	3.25	2.20	277.500	0.791		22	3.55	1.82	10	4.70	2.11	75.500	0.151	
Acrobatic Time	16	1.31	0.60	11	2.00	1.41	65.500	0.184		8	1.25	0.46	10	1.70	0.67	25.000	0.129	
Transition Time	30	1.20	0.41	22	1.05	0.21	279.000	0.110		30	1.07	0.25	22	1.45	0.51	202.000	0.001*	-0.998
Freeze Time	30	1.20	0.41	22	1.36	0.49	276.000	0.193		30	1.60	0.67	22	1.41	0.50	286.500	0.361	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S2. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 1.

Study variables		Men									Women								
		2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney		Hedges' g
		n	Mean	SD	n	Mean	SD	U	p	g	n	Mean	SD	n	Mean	SD	U	p	g
GTP																			
	Round Time	30	38.07	11.43	22	36.14	7.57	315.500	0.788		30	43.40	9.07	22	38.18	6.40	210.000	0.026*	0.638
	Toprock Time	30	11.20	5.89	22	11.55	4.53	304.500	0.636		30	14.53	5.95	22	12.59	4.18	262.500	0.209	
	Drop Time	24	1.92	1.06	19	1.58	0.51	203.500	0.513		26	1.54	0.65	19	1.95	0.78	175.000	0.072	
	Footwork Time	30	13.70	7.83	22	9.82	4.38	246.500	0.120		30	18.53	5.38	22	14.00	5.82	161.500	0.002*	0.802
	Spin Time	14	2.50	2.18	10	1.90	1.66	52.500	0.259		11	1.82	0.75	4	1.00	0.00	8.000	0.043*	1.169
	Power Time	23	4.65	2.69	16	5.25	2.82	155.500	0.410		23	4.35	2.81	14	4.00	2.11	160.000	0.975	
	Blow Up Time	14	3.79	2.15	6	3.50	2.26	38.500	0.770		7	2.43	1.13	3	3.33	2.52	8.500	0.634	
	Acrobatic Time	6	1.83	1.33	3	3.00	2.00	5.500	0.320		4	1.75	0.96	5	2.00	0.71	8.000	0.600	
	Transition Time	26	2.54	1.56	21	3.48	2.06	201.000	0.116		26	1.65	0.85	21	3.19	2.29	162.500	0.013*	-0.913
	Freeze Time	29	2.72	2.09	21	4.29	1.95	156.500	0.003*	-0.769	28	3.00	1.87	20	3.70	2.39	234.500	0.332	
GSP																			
	# of elements	30	14.77	5.24	22	15.95	4.50	287.000	0.424		30	12.53	4.02	22	11.59	2.68	306.500	0.660	
	# of Toprock	30	1.90	1.18	22	1.64	0.79	297.000	0.504		30	1.90	0.99	22	1.50	0.67	262.500	0.171	
	# of Drop	24	2.00	1.18	19	1.74	0.81	206.000	0.565		26	1.81	0.80	19	1.58	0.77	205.500	0.299	
	# of Footwork	30	3.00	1.62	22	3.09	1.06	294.500	0.500		30	3.17	1.29	22	2.68	1.04	260.000	0.179	
	# of Spin	14	1.50	0.65	10	1.40	0.97	56.500	0.341		11	1.27	0.47	4	1.00	0.00	16.000	0.259	
	# of Power	23	3.65	2.25	16	3.81	2.64	183.000	0.977		23	2.22	1.78	14	2.07	1.38	157.000	0.894	
	# of Blow Up	14	1.43	0.65	6	1.33	0.52	40.000	0.844		7	1.00	0.00	3	1.00	0.00	10.500	1.000	
	# of Acrobatic	6	1.33	0.82	3	1.00	0.00	7.500	0.480		4	1.25	0.50	5	1.00	0.00	7.500	0.264	
	# of Transition	26	2.04	1.08	21	3.00	1.38	159.000	0.011*	-0.775	26	1.46	0.71	21	2.05	1.16	191.000	0.053	
	# of Freeze	29	2.14	1.19	21	3.10	1.34	176.000	0.009*	-0.753	28	2.21	1.20	20	2.45	1.15	240.500	0.389	
PTP																			
	Element Time	30	2.90	1.45	22	2.45	0.74	288.500	0.384		30	3.73	1.28	22	3.45	1.01	283.000	0.361	
	Toprock Time	29	6.52	3.70	22	8.41	4.78	241.000	0.136		30	8.97	3.90	22	9.45	3.98	303.500	0.622	
	Drop Time	24	1.08	0.28	19	1.11	0.32	223.000	0.808		26	1.04	0.20	19	1.42	0.61	165.000	0.005*	-0.894
	Footwork Time	30	5.63	3.62	22	3.36	1.65	211.000	0.026*	0.755	30	6.43	2.50	22	5.68	2.82	257.000	0.172	
	Spin Time	14	1.79	1.85	10	1.20	0.42	67.000	0.804		11	1.45	0.52	4	1.00	0.00	12.000	0.111	
	Power Time	23	1.43	0.73	16	1.56	0.73	164.000	0.506		23	2.26	1.42	14	2.36	1.86	154.000	0.818	
	Blow Up Time	14	2.71	1.59	6	2.50	1.38	39.500	0.830		7	2.43	1.13	3	3.33	2.52	8.500	0.634	
	Acrobatic Time	6	1.33	0.82	3	3.00	2.00	4.000	0.123		4	1.25	0.50	5	2.00	0.71	4.000	0.107	
	Transition Time	26	1.31	0.68	21	1.10	0.30	235.000	0.213		26	1.23	0.43	21	1.43	0.60	229.000	0.237	
	Freeze Time	29	1.21	0.56	21	1.33	0.48	252.000	0.152		28	1.43	0.69	20	1.50	0.83	276.000	0.921	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S3. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 2.

Study variables	Man									Women								
	2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney		Hedges' g
	n	Mean	SD	n	Mean	SD	U	p	g	n	Mean	SD	n	Mean	SD	U	p	g
GTP																		
Round Time	30	31.57	7.12	22	37.55	5.66	176.000	0.004*	-0.899	30	41.17	8.77	22	38.05	7.78	242.500	0.105	
Toprock Time	29	9.90	4.11	22	12.14	5.85	241.500	0.139		30	15.13	5.49	22	12.59	3.98	245.500	0.116	
Drop Time	24	1.79	0.83	19	1.84	0.96	226.500	0.969		27	1.93	1.14	22	1.50	0.60	242.500	0.226	
Footwork Time	28	10.36	4.83	22	11.23	5.24	283.500	0.631		30	15.93	4.93	22	16.45	5.39	329.500	0.993	
Spin Time	16	1.63	0.96	9	2.78	2.77	60.000	0.442		11	1.82	1.40	3	1.00	0.00	10.500	0.241	
Power Time	24	5.21	3.30	19	5.05	2.80	226.000	0.961		19	4.26	2.05	12	3.75	2.09	92.500	0.377	
Blow Up Time	11	3.73	2.10	6	3.67	1.86	33.000	1.000		8	3.13	1.13	1	2.00		1.500	0.307	
Acrobatic Time	5	2.40	1.67	5	1.20	0.45	6.500	0.156		1	1.00		3	1.33	0.58	1.000	0.564	
Transition Time	25	2.04	1.24	20	3.20	1.47	134.500	0.007*	-0.845	19	2.05	1.08	20	3.40	1.54	84.000	0.002*	-0.990
Freeze Time	25	3.16	2.23	19	3.42	1.87	208.500	0.485		27	3.07	1.82	22	2.23	0.81	222.500	0.121	
GSP																		
# of elements	30	14.30	4.13	22	15.05	2.61	272.500	0.285		30	12.77	4.52	22	11.82	3.90	289.500	0.451	
# of Toprock	29	1.83	1.04	22	1.59	1.14	263.000	0.236		30	2.00	0.98	22	1.41	0.59	217.000	0.023*	0.692
# of Drop	24	1.79	0.83	19	1.89	0.81	208.500	0.609		27	1.89	0.80	22	1.36	0.58	184.500	0.013*	0.727
# of Footwork	28	2.96	1.48	22	2.91	1.02	305.000	0.952		30	3.33	1.27	22	3.41	1.56	328.500	0.977	
# of Spin	16	1.25	0.45	9	1.67	1.12	62.000	0.472		11	1.09	0.30	3	1.00	0.00	15.000	0.602	
# of Power	24	4.00	2.40	19	3.84	1.98	224.000	0.920		19	2.84	1.61	12	2.33	0.98	100.500	0.570	
# of Blow Up	11	1.45	0.52	6	1.00	0.00	18.000	0.057		8	1.00	0.00	1	1.00		4.000	1.000	
# of Acrobatic	5	1.60	0.89	5	1.20	0.45	9.500	0.439		1	1.00		3	1.00	0.00	1.500	1.000	
# of Transition	25	1.76	0.88	20	2.50	1.10	152.000	0.019*	-0.740	19	2.05	1.08	20	2.65	1.27	137.500	0.121	
# of Freeze	25	2.64	1.50	19	2.42	1.17	225.500	0.770		27	2.15	1.13	22	1.64	0.90	219.000	0.093	
PTP																		
Element Time	30	2.43	0.77	22	2.55	0.67	303.000	0.578		30	3.53	1.46	22	3.32	0.95	319.000	0.830	
Toprock Time	29	6.52	3.73	22	8.95	4.37	215.000	0.047*	-0.598	29	9.31	5.00	21	9.43	3.08	275.000	0.560	
Drop Time	24	1.08	0.28	19	1.11	0.32	223.000	0.808		27	1.22	0.80	22	1.27	0.55	264.000	0.302	
Footwork Time	28	3.71	1.63	22	4.00	1.72	270.500	0.455		30	5.50	2.83	22	5.55	3.02	323.500	0.903	
Spin Time	16	1.25	0.58	9	2.00	2.65	68.500	0.776		11	1.73	1.42	3	1.00	0.00	12.000	0.330	
Power Time	24	1.21	0.41	19	1.26	0.56	225.000	0.917		19	1.63	0.68	12	1.75	0.75	104.500	0.673	
Blow Up Time	11	2.45	0.93	6	3.67	1.86	19.500	0.159		8	3.13	1.13	1	2.00		1.500	0.307	
Acrobatic Time	5	1.60	0.55	5	1.00	0.00	5.000	0.050*	1.399	1	1.00		3	1.33	0.58	1.000	0.564	
Transition Time	25	1.20	0.50	20	1.25	0.44	230.000	0.511		19	1.21	0.42	20	1.30	0.73	190.000	1.000	
Freeze Time	25	1.24	0.44	19	1.37	0.50	207.000	0.361		27	1.56	1.19	22	1.55	0.74	276.500	0.632	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S4. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 3.

Study variables	Man									Women								
	2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney		Hedges' g
	n	Mean	SD	n	Mean	SD	U	p	g	n	Mean	SD	n	Mean	SD	U	p	g
GTP																		
Round Time	30	31.53	10.84	22	30.73	6.42	322.500	0.889		30	39.93	8.51	22	37.18	8.85	266.500	0.239	
Toprock Time	28	9.68	6.02	21	8.57	4.39	266.000	0.570		30	12.97	5.31	22	14.73	9.04	321.000	0.867	
Drop Time	21	1.90	1.09	20	1.40	0.60	160.000	0.144		29	1.79	0.77	20	1.75	0.85	275.000	0.742	
Footwork Time	29	12.97	6.13	22	10.68	3.50	232.000	0.097		30	17.60	5.37	22	11.91	5.15	161.500	0.002*	1.062
Spin Time	11	1.64	0.67	6	2.17	1.83	32.000	0.912		8	1.88	0.99	2	2.50	2.12	7.000	0.780	
Power Time	17	4.24	2.68	17	4.06	2.41	142.000	0.931		15	3.80	2.01	12	3.25	2.63	67.500	0.265	
BlowUp Time	16	3.06	1.73	8	2.38	0.92	53.500	0.510		9	4.89	2.76	5	5.40	2.41	19.500	0.686	
Acrobatic Time	6	1.17	0.41	1	6.00		0.000	0.061		4	1.50	0.58	1	4.00		0.000	0.136	
Transition Time	23	2.04	1.58	22	3.05	1.96	169.000	0.046*	-0.554	19	1.79	1.08	20	3.40	2.19	97.500	0.007*	-0.907
Freeze Time	25	3.08	2.08	20	3.20	1.54	224.000	0.546		30	2.80	1.32	20	2.75	2.07	257.500	0.386	
GSP																		
# of elements	30	11.63	3.81	22	13.73	2.71	199.000	0.015*	-0.608	30	11.67	3.77	22	10.36	3.63	258.500	0.183	
# of Toprock	28	1.46	0.84	21	1.48	0.60	268.000	0.535		30	1.77	0.82	22	1.36	0.49	243.000	0.072	
# of Drop	21	1.81	0.93	20	1.50	0.61	177.000	0.343		29	1.72	0.96	20	1.55	0.69	274.500	0.726	
# of Footwork	29	3.00	1.20	22	2.95	1.13	317.500	0.976		30	3.10	1.18	22	2.27	1.03	210.000	0.020*	0.726
# of Spin	11	1.45	0.69	6	1.50	0.84	33.000	1.000		8	1.25	0.46	2	2.00	1.41	5.000	0.333	
# of Power	17	2.94	1.78	17	3.47	2.12	126.000	0.515		15	2.53	1.73	12	2.08	1.51	72.500	0.367	
# of BlowUp	16	1.13	0.34	8	1.00	0.00	56.000	0.307		9	1.33	0.50	5	1.00	0.00	15.000	0.160	
# of Acrobatic	6	1.00	0.00	1	1.00		3.000	1.000		4	1.00	0.00	1	2.00		0.000	0.046*	
# of Transition	23	1.43	0.59	22	2.36	1.26	144.000	0.008*	-0.937	19	1.63	0.76	20	2.35	1.31	130.500	0.076	
# of Freeze	25	2.40	1.50	20	2.35	1.50	243.000	0.868		30	1.97	0.96	20	1.70	1.03	249.000	0.274	
PTP																		
Element Time	30	3.03	1.25	22	2.27	0.55	206.500	0.012*	0.739	30	3.77	1.61	22	3.95	1.25	273.000	0.266	
Toprock Time	28	7.61	5.96	21	6.24	2.96	277.500	0.735		30	8.77	5.19	22	11.05	5.78	250.000	0.137	
Drop Time	21	1.24	0.70	20	1.05	0.22	190.000	0.311		29	1.21	0.41	20	1.25	0.44	277.500	0.725	
Footwork Time	29	4.72	3.21	22	4.59	3.96	264.000	0.288		30	6.40	3.24	22	5.95	3.46	290.000	0.454	
Spin Time	11	1.27	0.65	6	1.17	0.41	32.000	0.880		8	1.63	1.06	2	1.00	0.00	5.000	0.333	
Power Time	17	1.41	0.51	17	1.18	0.53	105.500	0.080		15	1.93	0.96	12	1.58	0.67	73.000	0.371	
BlowUp Time	16	2.75	1.61	8	2.38	0.92	60.500	0.825		9	3.67	1.66	5	5.40	2.41	12.000	0.155	
Acrobatic Time	6	1.17	0.41	1	6.00		0.000	0.061		4	1.50	0.58	1	2.00		1.000	0.414	
Transition Time	23	1.48	1.12	22	1.23	0.43	239.500	0.682		19	1.11	0.32	20	1.40	0.50	134.000	0.038*	-0.684
Freeze Time	25	1.32	0.56	20	1.50	0.61	208.500	0.258		30	1.50	0.57	20	1.55	0.60	288.000	0.787	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S5. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 4.

Study variables		Men							Women									Hedges' g
		2018-2019			2020-2021		U Mann-Whitney		2018-2019			2020-2021		U Mann-Whitney				
		n	Mean	SD	n	Mean	SD	U	p	n	Mean	SD	n	Mean	SD	U	p	
GTP																		
	Round Time	30	29.20	6.33	22	30.05	5.76	322.500	0.889	30	36.63	8.18	22	36.27	8.07	323.000	0.897	
	Toprock Time	29	8.97	4.24	20	9.25	6.13	271.500	0.706	29	12.21	4.72	22	11.91	5.45	293.000	0.620	
	Drop Time	25	1.60	1.04	19	1.26	0.56	205.000	0.325	27	1.52	0.64	18	1.72	1.02	225.500	0.649	
	Footwork Time	29	11.03	5.18	22	11.18	4.16	296.500	0.667	30	15.03	5.01	22	15.41	4.99	325.000	0.926	
	Spin Time	9	2.33	1.50	5	2.20	1.79	20.500	0.774	10	1.40	0.70	5	1.20	0.45	22.000	0.635	
	Power Time	23	3.26	2.12	16	3.81	2.40	159.000	0.469	16	3.19	1.68	13	3.85	2.03	88.000	0.476	
	BlowUp Time	14	3.71	1.94	8	4.63	4.07	53.500	0.861	8	5.00	2.78	0					
	Acrobatic Time	2	1.50	0.71	2	1.50	0.71	2.000	1.000	0			1	3.00				
	Transition Time	19	2.26	1.19	20	2.40	1.64	188.000	0.953	22	1.95	1.17	20	3.00	1.78	137.000	0.030*	-0.688
	Freeze Time	26	2.69	1.74	19	2.95	1.78	225.000	0.605	29	3.69	1.79	19	2.58	1.12	178.500	0.037*	0.698
GSP																		
	# of elements	30	11.17	3.71	22	11.41	3.61	321.500	0.874	30	10.93	3.74	22	11.50	4.45	305.500	0.648	
	# of Toprock	29	1.45	0.78	20	1.55	0.69	255.000	0.404	29	1.93	1.03	22	1.45	0.51	242.000	0.109	
	# of Drop	25	1.40	0.58	19	1.21	0.42	200.000	0.263	27	1.67	0.78	18	1.50	0.79	209.000	0.377	
	# of Footwork	29	2.83	1.34	22	2.82	1.18	313.500	0.914	30	2.77	1.30	22	3.09	1.44	284.500	0.377	
	# of Spin	9	1.56	1.13	5	1.00	0.00	17.500	0.274	10	1.20	0.42	5	1.00	0.00	20.000	0.299	
	# of Power	23	2.57	1.73	16	2.69	1.92	183.500	0.988	16	1.88	1.09	13	2.85	1.41	60.000	0.045*	-0.762
	# of BlowUp	14	1.14	0.36	8	1.00	0.00	48.000	0.273	8	1.13	0.35	0					
	# of Acrobatic	2	1.00	0.00	2	1.00	0.00	2.000	1.000	0			1	3.00				
	# of Transition	19	1.68	0.75	20	1.85	0.67	163.000	0.408	22	1.55	0.67	20	2.20	1.28	157.000	0.087	
	# of Freeze	26	2.04	1.34	19	2.11	1.33	242.000	0.902	29	2.00	1.00	19	1.95	0.78	273.000	0.955	
PTP																		
	Element Time	30	2.93	1.31	22	2.86	0.77	323.000	0.892	30	3.67	1.42	22	3.45	1.41	299.500	0.557	
	Toprock Time	29	6.97	3.72	20	6.35	3.72	262.500	0.572	30	7.77	4.80	22	8.82	4.29	272.500	0.285	
	Drop Time	25	1.08	0.28	19	1.05	0.23	231.000	0.724	27	1.07	0.27	18	1.39	0.61	179.000	0.025*	-0.711
	Footwork Time	29	4.34	2.33	22	4.50	2.56	313.000	0.908	30	6.07	2.26	22	5.73	2.76	289.000	0.443	
	Spin Time	9	1.67	0.87	5	2.20	1.79	20.500	0.766	10	1.10	0.32	5	1.20	0.45	22.500	0.604	
	Power Time	23	1.43	1.27	16	1.75	1.53	153.500	0.269	16	1.69	0.79	13	1.38	0.51	84.500	0.336	
	BlowUp Time	14	3.43	1.95	8	4.63	4.07	53.000	0.833	8	4.50	2.51	0					
	Acrobatic Time	2	1.50	0.71	2	1.50	0.71	2.000	1.000	0			1	1.00				
	Transition Time	19	1.47	0.51	20	1.35	0.59	161.500	0.346	22	1.27	0.46	20	1.50	0.76	194.000	0.419	
	Freeze Time	26	1.38	0.64	19	1.53	0.61	211.000	0.333	29	2.10	1.54	19	1.53	0.90	199.500	0.081	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S6. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 5.

Study variables	Men									Women								
	2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney		Hedges' g
	n	Mean	SD	n	Mean	SD	U	p	g	n	Mean	SD	n	Mean	SD	U	p	g
GTP																		
Round Time	30	32.93	9.86	22	33.23	9.07	287.500	0.430		2	35.50	0.71	8	39.13	12.30	6.500	0.694	
Toprock Time	29	11.28	5.25	22	10.45	7.46	256.500	0.233		2	12.50	0.71	8	13.00	7.13	6.500	0.693	
Drop Time	27	1.85	1.20	19	1.47	0.84	209.500	0.236		2	1.50	0.71	7	2.29	1.38	4.500	0.436	
Footwork Time	29	12.52	6.41	21	9.71	4.56	203.500	0.046*	0.483	2	17.50	0.71	8	12.75	3.73	0.000	0.036*	1.226
Spin Time	10	2.30	1.25	6	1.67	1.21	21.500	0.321		0			1	4.00				
Power Time	19	3.95	2.86	17	4.47	2.35	125.500	0.248		1	4.00		5	4.80	1.92	2.000	0.756	
BlowUp Time	14	3.86	1.88	8	3.13	1.81	42.500	0.344		0			2	4.50	2.12			
Acrobatic Time	3	1.00	0.00	3	2.00	1.00	1.500	0.121		0			1	2.00				
Transition Time	20	1.95	2.21	22	3.64	2.26	96.000	0.001*	-0.740	0			8	3.50	2.88			
Freeze Time	26	2.15	1.46	19	3.89	2.73	145.000	0.016*	-0.820	2	1.50	0.71	7	4.00	1.73	1.000	0.073	
GSP																		
# of elements	30	11.73	3.19	22	13.36	4.32	267.500	0.245		2	9.50	0.71	8	11.50	4.00	5.500	0.506	
# of Toprock	29	1.90	0.90	22	1.55	0.74	245.000	0.126		2	1.50	0.71	8	1.50	0.76	7.500	0.881	
# of Drop	27	1.74	0.86	19	1.42	0.69	202.500	0.177		2	2.00	1.41	7	1.29	0.49	4.500	0.382	
# of Footwork	29	3.10	0.94	21	2.43	1.08	190.000	0.019*	0.665	2	3.00	0.00	8	2.25	1.04	4.000	0.273	
# of Spin	10	1.50	0.71	6	1.50	1.22	25.000	0.508		0			1	2.00				
# of Power	19	2.47	1.84	17	3.29	1.83	110.500	0.098		1	3.00		5	3.00	1.73	1.500	0.527	
# of BlowUp	14	1.21	0.43	8	1.13	0.35	51.000	0.610		0			2	1.00	0.00			
# of Acrobatic	3	1.00	0.00	3	1.00	0.00	4.500	1.000		0			1	1.00				
# of Transition	20	1.70	1.03	22	2.64	1.40	127.000	0.014*	-0.742	0			8	2.00	1.77			
# of Freeze	26	1.69	0.97	19	2.47	1.47	167.000	0.050*	-0.638	2	1.50	0.71	7	2.43	0.79	2.500	0.159	
PTP																		
Element Time	30	3.00	1.05	22	2.59	0.73	265.000	0.195		2	3.50	0.71	8	3.75	1.67	8.000	1.000	
Toprock Time	29	6.83	3.91	22	7.23	3.98	296.000	0.659		2	9.50	4.95	8	9.63	5.37	7.500	0.895	
Drop Time	27	1.07	0.27	19	1.21	0.71	247.500	0.681		2	1.00	0.00	7	1.71	0.76	3.000	0.190	
Footwork Time	29	4.31	2.19	21	4.29	1.68	287.500	0.734		2	6.00	0.00	8	6.38	3.34	7.000	0.788	
Spin Time	10	1.70	1.06	6	1.17	0.41	22.000	0.289		0			1	2.00				
Power Time	19	1.95	1.99	17	1.41	0.71	147.000	0.582		1	1.00		5	1.60	0.89	1.500	0.488	
BlowUp Time	14	3.36	1.74	8	2.88	1.81	46.500	0.494		0			2	4.50	2.12			
Acrobatic Time	3	1.00	0.00	3	2.00	1.00	1.500	0.121		0			1	2.00				
Transition Time	20	1.15	0.37	22	1.32	0.57	191.500	0.314		0			8	1.75	1.16			
Freeze Time	26	1.54	1.24	19	1.53	0.70	220.000	0.463		2	1.00	0.00	7	1.57	0.53	3.000	0.176	

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters

Table S7. Descriptive analysis (by sex and by competitive periods), comparison of the competitive periods, and effect size of the sequential and temporal parameters of round 6.

Study variables		Men								Women								
		2018-2019			2020-2021			U Mann-Whitney		Hedges' g	2018-2019			2020-2021			U Mann-Whitney	
		n	Mean	SD	n	Mean	SD	U	p		n	Mean	SD	n	Mean	SD	U	p
GTP																		
	Round Time	30	28.13	5.89	22	32.23	5.94	208.000	0.024*	-0.682	2	40.00	1.41	8	32.13	6.66	2.000	0.115
	Toprock Time	30	7.80	4.69	22	10.50	5.77	232.500	0.070		2	17.50	6.36	8	9.63	5.55	2.500	0.148
	Drop Time	22	1.91	1.15	20	1.60	0.68	192.000	0.442		2	1.00	0.00	7	1.29	0.49	5.000	0.419
	Footwork Time	28	10.61	4.76	22	10.82	5.40	304.000	0.937		2	15.50	0.71	8	14.75	3.45	4.500	0.358
	Spin Time	11	3.36	3.35	13	1.85	0.99	54.000	0.287		0			1	2.00			
	Power Time	18	4.22	1.99	19	3.32	2.43	121.000	0.124		1	6.00		3	3.00	1.00	0.000	0.180
	BlowUp Time	10	3.40	2.07	9	3.00	1.22	45.000	1.000		0			3	4.33	2.31		
	Acrobatic Time	4	2.25	0.96	1	1.00		0.500	0.264		0			1	2.00			
	Transition Time	15	2.00	1.36	18	2.44	1.54	108.500	0.314		0			6	2.33	1.03		
	Freeze Time	24	3.58	2.15	16	3.19	2.17	170.000	0.537		1	6.00		3	4.67	3.21	1.500	1.000
GSP																		
	# of elements	30	10.83	4.19	22	13.32	2.95	186.500	0.008*	-0.658	2	5.00	1.41	8	7.88	3.23	3.500	0.237
	# of Toprock	30	1.47	0.63	22	1.77	0.75	256.000	0.128		2	1.50	0.71	8	1.13	0.35	5.000	0.261
	# of Drop	22	1.50	0.60	20	1.70	0.57	178.500	0.237		2	1.00	0.00	7	1.00	0.00	7.000	1.000
	# of Footwork	28	2.82	1.06	22	3.14	1.32	259.500	0.328		2	1.00	0.00	8	2.50	0.93	1.000	0.058
	# of Spin	11	1.36	0.81	13	1.15	0.38	67.500	0.721		0			1	1.00			
	# of Power	18	2.72	1.53	19	2.84	1.80	169.000	0.950		1	2.00		3	1.67	0.58	1.000	0.564
	# of BlowUp	10	1.20	0.42	9	1.22	0.44	44.000	0.908		0			3	1.00	0.00		
	# of Acrobatic	4	1.25	0.50	1	1.00		1.500	0.617		0			1	1.00			
	# of Transition	15	1.67	1.23	18	2.00	0.91	94.000	0.109		0			6	1.67	0.52		
	# of Freeze	24	2.63	1.44	16	2.13	1.31	151.000	0.236		1	1.00		3	2.33	1.53	0.500	0.346
PTP																		
	Element Time	30	2.97	1.54	22	2.64	0.79	294.000	0.479		2	8.50	2.12	8	5.13	3.44	2.000	0.115
	Toprock Time	29	6.17	4.83	21	6.33	3.20	261.000	0.389		2	12.00	1.41	8	8.88	5.44	4.000	0.295
	Drop Time	22	1.45	1.14	20	1.10	0.31	190.000	0.244		2	1.00	0.00	7	1.29	0.49	5.000	0.419
	Footwork Time	28	3.79	1.91	22	3.73	2.14	287.000	0.674		2	15.50	0.71	8	7.50	6.09	2.000	0.115
	Spin Time	11	2.64	2.58	13	1.62	0.65	53.500	0.264		0			1	2.00			
	Power Time	18	1.89	1.71	19	1.16	0.50	114.000	0.026*	0.574	1	3.00		3	2.00	1.00	0.500	0.346
	BlowUp Time	10	2.90	1.37	9	2.67	1.22	40.000	0.670		0			3	4.33	2.31		
	Acrobatic Time	4	2.00	1.15	1	1.00		1.000	0.414		0			1	2.00			
	Transition Time	15	1.20	0.41	18	1.28	0.46	124.500	0.609		0			6	1.50	0.84		
	Freeze Time	24	1.63	1.66	16	1.63	0.81	162.000	0.327		1	6.00		3	2.00	1.73	0.000	0.157

* $p \leq 0.05$. GTP = Global Temporal Parameters; GSP = Global Sequential Parameters; PTP = Partial Temporal Parameters