Table 8. List of kinematic parameters in the study group in subsequent tests

Kinematic parameters	Mean change between tests (with *p*-value indicating statistical significance using the Wilcoxon test)		
	test 1 vs. test 2	test 2 vs. test 3	test 1 vs. test 3
Right limb			
Pelvic Tilt-ROM	0.21(0.6078)	-0.32(0.3363)	-0.11(0.5938)
Pelvic Tilt-IC	-1.34(0.0258)	0.98(0.0554)	-0.35(0.5657)
Pelvic Obliquity-IC	0.37(0.3616)	0.31(0.2382)	0.68(0.1018)
Pelvic Obliquity Max	0.53(0.0391)	0.18(0.6415)	0.71(0.0252)
Hip Flex/Ext-IC	-0.1(0.7597)	0.6(0.3545)	0.5(0.5756)
Hip Ext-PSw Max	1.56(0.0649)	0.04(0.9578)	1.60(0,2326)
Hip Flex-MSw Max	0.1(0.9591)	0.4(0.6892)	0.5(0.7647)
Hip Flex/Ext ROM	**1.4(0.0027)**	-0.2(0.8657)	1.2(0.0170)
Knee Flex/Ext-IC	1.0(0.3356)	0.6(0.9130)	1.6(0.0345)
Knee Flex-MSw Max	**2.1(0.0001)**	0.5(0.7158)	**2.6(0.0012)**
Knee Ext-TSt Max	-0.2(0.8448)	0.3(0.7349)	0.1(0.9423)
Knee Flex/Ext ROM	**1.8(0.0008)**	-0.2(0.4791)	1.6(0.0272)
Ankle Dors Flex	0.4(0.1739)	0.4(0.7350)	0.8(0.4010)
Ankle Plant Flex	0.9(0.2674)	-0.3(0.7981)	0.5(0.4147)
Ankle Dors/Plant ROM	**1.7(0.0030)**	-0.4(03613)	1.3(0.1028)
Left Limb			
Pelvic Tilt-ROM	0.21(0.8899)	-0.41(0,3645)	-0.21(0.6816)
Pelvic Tilt-IC	-0.49(0.5797)	0.71(0,1954)	0.22(0.8394)
Pelvic Obliquity-IC	-0.37(0.2232)	-0.09(0,4379)	-0.46(0.4010)
Pelvic Obliquity Max	-0.39(0.0739)	0.09(0,6234)	-0.30(0.6570)
Hip Flex/Ext-IC	0.2(0.7002)	0.6(0,4267)	0.8(0.3841)
Hip Ext-PSw Max	1.61(0.0705)	-0.69(0,5282)	0.92(0.4408)
Hip Flex-MSw Max	-0.2(0.8346)	1.2(0,0467)	1.0(0.1909)
Hip Flex/Ext ROM	**1.5(0.0079)**	-0.5(0,7806)	1.1(0.0436)
Knee Flex/Ext-IC	1.6(0.1104)	0.6(0,2359)	2.2(0.0049)
Knee Flex-MSw Max	**2.2(0.0040)**	-0.2(0,6967)	2.0(0.0050)

Knee Ext-TSt Max	-0.4(0.3703)	0.0(0,7914)	-0.4(0.8939)
Knee Flex/Ext ROM	**2.1(0.0009)**	-0.6(0,2223)	1.4(0.1735)
Ankle Dors Flex	0.5(0.0650)	0.8(0,5220)	**1.3(0.0058)**
Ankle Plant Flex	1.1(0.1149)	0.0(0,9577)	1.1(0.2711)
Ankle Dors/Plant ROM	1.6(0.0278)	0.3(0,8375)	1.8(0.0611)

ROM – range of motion, IC – initial contact, Flex – flexion, Ext – Extension , PSw – Pre Swing, MSw – Mid Swing, Dors- dorsal, Plant- plantar, Significant differences between the groups are indicated in bold values for $p < 0.017$ ($p < 0.05/3$; Bonferroni correction)