Supplementary Material

Supplementary Table 1 Local control athletes vs. additional control athletes			
Variable	Local iTAKL-Control Athletes (n = 13)	Additional Control Athletes (n = 21)	*p*-value[1]
Age	17.22 (15.82, 17.38)	16.00 (15.00, 17.00)	0.14
Preseason Verbal Memory composite	87 (85, 96)	85 (79, 96)	0.53
Preseason Visual Memory composite	81 (68, 88)	80 (73, 88)	0.89
Preseason Visual Motor composite	41 (35, 45)	42 (34, 45)	0.83
Preseason Reaction Time composite	0.58 (0.56, 0.63)	0.56 (0.52, 0.59)	0.27
Preseason Impulse Control composite	5 (3, 7)	5 (3, 8)	0.68
Preseason Total Symptom Score	3 (1, 4)	1 (0, 4)	0.43
Postseason Verbal Memory composite	93 (86, 99)	93 (83, 99)	0.54
Postseason Visual Memory composite	84 (78, 91)	89 (75, 94)	0.66
Postseason Visual Motor composite	41.2 (37.5, 45.9)	43.3 (39.1, 47.6)	0.78
Postseason Reaction Time composite	0.54 (0.53, 0.60)	0.56 (0.53, 0.58)	0.68
Postseason Impulse Control composite	5 (4, 7)	6 (4, 9)	0.34
Postseason Total Symptom Score	4 (2, 7)	2 (0, 4)	0.11
Values: Median (IQR); 1 Wilcoxon rank sum test.			

Supplementary Figure 1 Features of salience network connectivity change in the football players (n = 57) and the control athletes (n = 13)
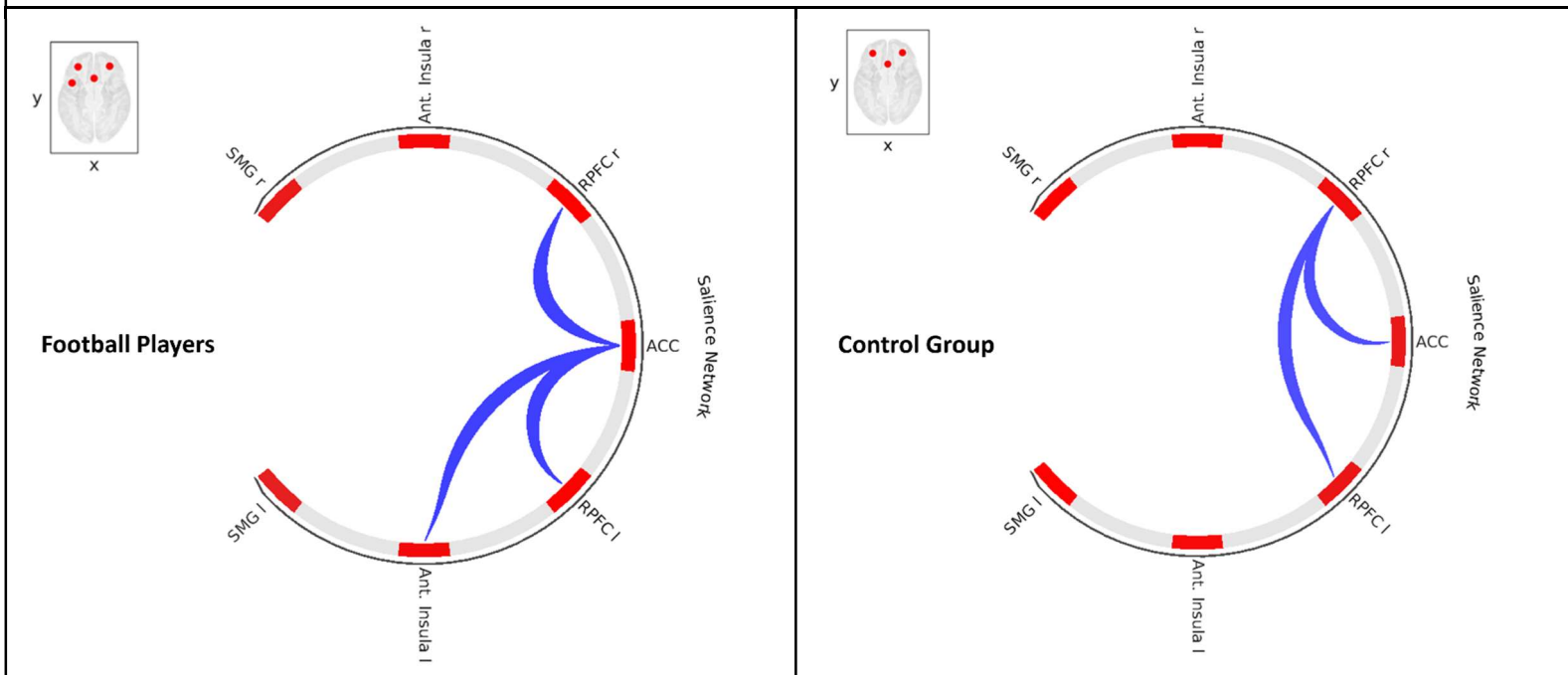
Blue lines represent significant decrease in connectivity between the regions post-season (uncorrected connection level *p* <0.05).
Abbreviations: ACC = Anterior Cingulate Cortex; RPFC = Rostral Prefrontal Cortex; SMG = Supramarginal Gyrus; Ant. = Anterior.