

Item	Step 1 (K=7)	Step 2 (K=6)	Step 3 (K=5)	Step 4 (K=4)	Step 5 (K=3)	Step 6 (K=2)
QS1	OK	OK	OK	OK	OK	P<0.001
QS2	P=0.005	P<0.001	P<0.001	-	-	-
QS3	OK	OK	OK	OK	P<0.001	P<0.001
QS4	OK	OK	OK	OK	RT, P<0.001	-
QS5	RT, P=0.03	RT, P<0.001	-	-	-	-
QS6	RT, P<0.001	-	-	-	-	-
QS7	P=0.005	OK	P=0.035	RT, P<0.001	-	-

Table 7. Results of the IRT modelling on the sports-related items. K = number of items in analysis; RT = reverse thresholds; OK = item retained for next step of analysis; a significant P-value (P<0.05) indicates lack of fit to the IRT model.