

Table 1: Mean expert performance for EIGD-H. Precision (in %) after applying Nearest Neighbour Matching (NNM) and the proposed Sequence Consistency Matching (SCM) for annotated events and evaluated at multiple hierarchy levels. Note, Precision is equal to Recall, as each expert is treated as prediction as well as reference. *SQC_frac* (in %) denotes the number consistent matches for SCM.

hierarchy_level	event_type	NNM	SCM		
		precision	precision	SQC_frac	
0	game status changing event	78.4	89.8	38.9	
	individual ball event	98.7	99.5	40.9	
1	ball reception	92.0	90.4	43.6	
	static ball event	76.1	96.8	57.7	
	referee decision	76.4	90.3	76.4	
	ball release	94.6	92.7	51.6	
2	foul	84.2	88.5	86.9	
	unintentional release	22.2	100.0	22.2	
	referee decision other	90.0	100.0	90.0	
	ball in field	84.6	100.0	84.6	
	goal	16.1	83.3	19.4	
	intentional release	94.8	91.7	52.5	
	ball out of field	87.5	100.0	87.5	
	after foul	48.4	89.4	36.7	
	3	pass	94.5	92.0	53.7
		successful interference	25.0	100.0	25.0
shot		96.7	99.4	92.8	
	self induced	0.0	0.0	0.0	
4	pass successful	94.4	93.4	55.6	
5	pass successful untouched	94.3	92.9	54.8	
	pass intercepted	45.0	100.0	45.0	
	pass successful deflected	0.0	0.0	0.0	
	pass off target	66.7	100.0	66.7	

Table 2: Mean expert performance for EIGD-S. Precision (in %) after applying Nearest Neighbour Matching (NNM) and the proposed Sequence Consistency Matching (SCM) for annotated events and evaluated at multiple hierarchy levels. Note, Precision is equal to Recall, as each expert is treated as prediction as well as reference.

hierarchy_level	event_type	NNM	SCM	
		precision	precision	SQC_frac
0	game status changing event	94.8	98.7	76.7
	individual ball event	99.7	97.8	37.0
1	ball reception	92.8	92.6	60.6
	referee decision	97.1	98.8	95.2
	static ball event	91.3	100.0	82.8
2	ball release	94.2	89.1	40.8
	ball in field	92.3	99.6	90.6
	foul	93.9	100.0	87.1
	referee decision other	50.0	60.9	82.1
	unintentional release	62.9	83.1	48.2
	intentional release	94.7	91.8	41.8
	after foul	88.8	98.8	86.7
	goal	88.9	100.0	88.9
	ball out of field	98.7	100.0	97.8
	3	self induced	29.3	95.8
pass		94.6	91.6	41.4
successful interference		66.4	88.8	55.6
shot		98.5	100.0	98.5
4	pass successful	93.9	89.5	45.6
5	pass intercepted	63.0	83.5	37.1
	pass successful untouched	94.5	92.6	50.8
	pass off target	52.2	83.1	32.4
	pass successful deflected	40.2	84.6	47.6