

	Det ID ( $j$ )				FP	Appear
Track ID ( $i$ )		1	2	3	4	
Missing - Recovered	1	1		0	0	
Success	2		1	0	0	
Disappeared	3	0	0	0	0	
FP	4	0	0	0	0	

**G**

Event-Aware GT Association Matrix



Event-Aware Loss

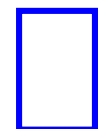
	Det ID ( $j$ )				
Track ID ( $i$ )		1	2	3	4
1	0.8	0.2	0	0.1	
2	0.1	0.9	0.1	0	
3	0.1	0.2	0.2	0.1	
4	0.1	0.1	0	0.2	

**A**

Output Association Matrix



Track box



Detection box