Flow Used		EpicFlow	FlowNet2	LDOF	PWC-Net	SelFlow	SPyNet
$\mathcal{J}$	Mean	0.677	0.698	0.699	0.677	0.701	0.646
	Recall	0.808	0.847	0.832	0.814	0.841	0.753
	Decay	0.040	0.048	0.052	0.058	0.036	0.055
$\mathcal{F}$	Mean	0.643	0.669	0.665	0.649	0.674	0.602
	Recall	0.764	0.789	0.785	0.755	0.792	0.680
	Decay	0.053	0.057	0.064	0.061	0.048	0.082
$\mathcal{T}$	Mean	0.739	0.668	0.684	0.773	0.724	0.703

Table 1: Performance of MP-Net + Objectness + CRF using different input optical flows on DAVIS with intersection over union ($\mathcal{J}$), F-measure ($\mathcal{F}$), and temporal stability ($\mathcal{T}$).

Component	Average Runtime (ms)
Angle Field	15.28
MP-Net	453.19
Objectness	1683.75
CRF	403.78
Total	2556.00

Table 2: Runtime of each component of MP-Net + Objectness + CRF on DAVIS.

Flow Method	Average Runtime (ms / flowmap)
EpicFlow	54287.52
FlowNet2	151.45
LDOF	2474.83
PWC-Net	17.54
SelFlow	102.35
SPyNet	333.93

Table 3: Runtime of each optical flow estimation model on DAVIS.

Method	Sintel *Clean* AEE		Sintel *Final* AEE	
	train	*test*	*train*	*test*
EpicFlow	2.27	4.12	3.56	6.29
FlowNet2	2.02	3.96	3.14	6.02
LDOF (GPU)	4.76	-	6.32	-
PWC-Net+ft	1.70	**2.21**	3.86	5.13
SelFlow+ft	**1.68**	3.74	**1.77**	**4.26**
SPyNet+ft	3.17	6.64	4.32	8.36

Table 4: Performance comparison of optical flow estimation models on MPI Sintel Dataset. AEE: Average Endpoint Error. The best result for each category is highlighted in bold.