Comparison of CEDSegNet performance with SegNet

We compare performance analysis of CEDSegNet with SegNet, where the depth of SegNet is 5. We provide the results of CEDSegNet comparing with SegNet for two video files of CDNet2012 in Tables 1 and 2.

Table 1: Comparison of CEDSegNet with SegNet in terms of different quantitative metrics

Networks	Video file	Metrics							
		Rec	Spe	FPR	FNR	PWC	Pre	F_Measure	MCC
CEDSegNet	**Boulevard**	**0.96943**	0.988	0.015	**0.06**	**1.12**	**0.706**	**0.807**	**0.815**
SegNet	**Pets2006**	0.124	**0.995**	**0.004**	0.875	8.927	0.491	0.1828	0.2109

Table 2: Comparison of CPU time and the number of layers of CEDSegNet with SegNet.

	Proposed Network (CEDSegNet)	SegNet
CPU Time	**4.17**	6.51
Size of network	**31**	73

It is evident from the results in the tables that the proposed CEDSegNet outperforms the SegNet.