The average node size, tree construction time and maxdepth for all the methods for balanced (B) and imbalanced (IB) datasets (avg. of 10 runs) are shown in the below tables:

Average node size							
	Entropy	**Gini**	**DCSM**	**HDDT**	**CCPDT**	**iHD**	**iHDw**
B	274.66	301.37	298.15	299.48	292.59	271.83	273.34
IB	87.30	90.99	94.88	89.88	90.78	86.81	88.11

Average tree construction time (sec)							
	Entropy	**Gini**	**DCSM**	**HDDT**	**CCPDT**	**iHD**	**iHDw**
B	5.20	5.36	7.62	8.38	5.63	4.64	4.99
IB	0.184	0.186	0.389	0.279	0.212	0.160	0.183

Average max depth							
	Entropy	**Gini**	**DCSM**	**HDDT**	**CCPDT**	**iHD**	**iHDw**
B	13.39	14.40	18.43	16.22	13.45	15.86	17.38
IB	10.53	10.31	17.78	12.41	11.55	12.23	13.60

In case of node size and tree construction time, we do not find major differences between **iHD** and **iHDw** compared to the best performing existing criterion. We also observe that, although **iHD** and **iHDw** produces trees with avg. depth slightly larger than that of the best performing existing method, the avg. number of nodes in the trees produced is comparable.