

TABLE I
AVERAGE PERFORMANCE, IN TERM OF PRI MEASURE, OF SEVERAL SEGMENTATION (INTO REGIONS) ALGORITHMS (ABOVE PRI=0.75 AND RANKED ACCORDING TO THEIR MAXIMUM PRI SCORE) ON THE BSD300

ALGORITHMS	PRI [1]
HUMANS _(in [2])	0.87
VOIBFM	0.81
-2011- gPb-owt-ucm [3]	0.81
-2010- PRIF [4]	0.80
-2008- CTex [5]	0.80
-2009- MIS [6]	0.80
-2011- SCKM [7]	0.80
-2008- FCR [8]	0.79
-2012- SFSBM [9]	0.79
-2004- FH [10] _(in [2])	0.78
-2011- MD2S [11]	0.78
-2009- HMC [12]	0.78
-2009- Consensus [13]	0.78
-2009- Total Var. [14]	0.78
-2009- A-IFS HRI [15]	0.77
-2001- JSEG [16] _(in [5])	0.77
-2011- KM [17]	0.76
-2007- CTM [2], [18]	0.76
-2006- Av. Diss. [19] _(in [3])	0.76
-2008- St-SVGMM [20]	0.76
-2011- SCL [21]	0.76
-2005- Mscuts [22] _(in [14])	0.76
-2003- Mean-Shift [23] _(in [2])	0.75
-2008- NTP [24]	0.75
-2010- iHMRf [25]	0.75
-2005- NCuts [22] _(in [3])	0.75
-2006- SWA [26] _(in [3])	0.75

TABLE II
AVERAGE PERFORMANCE OF OUR ALGORITHM FOR DIFFERENT PERFORMANCE MEASURES (LOWER IS BETTER) ON THE BSD300

ALGORITHMS	VoI	GCE	BDE
HUMANS	1.10	0.08	4.99
VOIBFM	1.88	0.20	9.30
PRIF [4]	1.97	0.21	8.45
SCKM [7]	2.11	0.23	10.09
MD2S [11]	2.36	0.23	10.37
FCR [8]	2.30	0.21	8.99
CTM [2], [18]	2.02	0.19	9.90
Mean-Shift [23] _(in [2])	2.48	0.26	9.70
NCuts [27] _(in [2])	2.93	0.22	9.60
FH [10] _(in [2])	2.66	0.19	9.95

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