

TABLE I
AVERAGE PERFORMANCE, IN TERM OF SEVERAL MEASURE, OF SEVERAL
(REGION-BASED) SEGMENTATION ALGORITHMS ON THE BSD300

ALGORITHMS	PRI [1]
HUMANS (in [2])	0.87
GCEBFM	0.80
-2012- VOIBFM [3]	0.81
-2012- MDSCCT [4]	0.81
-2011- gPb-owt-ucm [5]	0.81
-2012- AMUS [6]	0.80
-2012- FMBFM []	0.80
-2010- PRIF [7]	0.80
-2008- CTex [8]	0.80
-2009- MIS [9]	0.80
-2011- SCKM [10]	0.80
-2008- FCR [11]	0.79
-2012- SFSBM [12]	0.79
-2004- FH [13] (in [2])	0.78
-2011- MD2S [14]	0.78
-2009- HMC [15]	0.78
-2009- Consensus [16]	0.78
-2009- Total Var. [17]	0.78
-2009- A-IFS HRI [18]	0.77
-2001- JSEG [19] (in [8])	0.77
-2011- KM [20]	0.76
-2007- CTM [2], [21]	0.76
-2006- Av. Diss. [22] (in [5])	0.76
-2008- St-SVGMM [23]	0.76
-2011- SCL [24]	0.76
-2005- Mscuts [25] (in [17])	0.76
-2003- Mean-Shift [26] (in [2])	0.75
-2008- NTP [27]	0.75
-2010- iHMR [28]	0.75
-2005- NCuts [25] (in [5])	0.75
-2006- SWA [29] (in [5])	0.75

ALGORITHMS	VoI	GCE	BDE
HUMANS	1.10	0.08	4.99
GCEBFM	2.10	0.19	8.73
VOIBFM [3]	1.88	0.20	9.30
MDSCCT [4]	2.00	0.20	7.95
PRIF [7]	1.97	0.21	8.45
SCKM [10]	2.11	0.23	10.09
MD2S [14]	2.36	0.23	10.37
FCR [11]	2.30	0.21	8.99
CTM [2], [21]	2.02	0.19	9.90
Mean-Shift [26] (in [2])	2.48	0.26	9.70
NCuts [30] (in [2])	2.93	0.22	9.60
FH [13] (in [2])	2.66	0.19	9.95
AMUS [6]	1.68	0.17	-

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