

Performance (STRESS values) for very small colour difference data (VCD)

dataset	Calculations with data for grey surrounds (D65, P40) and 0,1 < Y < 190									
	Difference ΔE^*_{CIELAB}					Colour difference formula and STRESS value				
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIELAB	CMC	CIE94	CIEDE2000	LABJND
WA_0100	100	0.0 to <99.0	0.19	1.35	0.54	33.2	23.0	30.9	18.0	45.7
1S_0890	890	0.0 to <99.0	0.1	4.87	1.09	55.2	47.7	44.9	45.3	55.8
2M_0399	399	0.0 to <99.0	0.09	2.74	0.7	55.2	52.0	46.2	45.4	57.5
2S_0446	446	0.0 to <99.0	0.07	4.28	1.08	51.8	59.0	46.4	48.7	51.2
2G_0379	379	0.0 to <99.0	0.08	2.61	0.81	55.6	55.4	48.6	50.3	50.9
WA_0100	100	0.0 to <5.0	0.19	1.35	0.54	33.2	23.0	30.9	18.0	45.7
1S_0890	890	0.0 to <5.0	0.1	4.87	1.09	55.2	47.7	44.9	45.3	55.8
2M_0399	399	0.0 to <5.0	0.09	2.74	0.7	55.2	52.0	46.2	45.4	57.5
2S_0446	446	0.0 to <5.0	0.07	4.28	1.08	51.8	59.0	46.4	48.7	51.2
2G_0379	379	0.0 to <5.0	0.08	2.61	0.81	55.6	55.4	48.6	50.3	50.9
WA_0100	46	0.0 to <0.5	0.19	0.49	0.39	32.0	23.2	26.7	14.9	43.2
1S_0890	157	0.0 to <0.5	0.1	0.49	0.35	55.1	41.1	36.9	36.5	46.6
2M_0399	143	0.0 to <0.5	0.09	0.49	0.3	56.0	51.0	45.0	44.6	54.4
2S_0446	133	0.0 to <0.5	0.07	0.49	0.32	53.2	51.6	42.2	42.5	45.2
2G_0379	106	0.0 to <0.5	0.08	0.49	0.34	34.7	40.6	40.1	40.5	45.0
WA_0100	53	0.5 to <1.0	0.5	0.94	0.66	32.0	23.1	27.2	15.4	45.1
1S_0890	356	0.5 to <1.0	0.5	0.99	0.75	54.7	44.0	39.5	40.6	46.3
2M_0399	173	0.5 to <1.0	0.5	0.99	0.72	62.2	58.7	50.1	50.8	55.4
2S_0446	122	0.5 to <1.0	0.5	0.99	0.72	48.9	47.0	40.3	40.0	45.8
2G_0379	170	0.5 to <1.0	0.5	0.99	0.71	41.6	41.3	36.3	36.8	45.2
WA_0100	1	1.0 to <1.5	1.35	1.35	1.35	0.1	0.1	0.1	0.1	0.1
1S_0890	198	1.0 to <1.5	1.0	1.49	1.23	51.9	39.6	36.4	35.7	46.4
2M_0399	66	1.0 to <1.5	1.02	1.49	1.21	38.3	42.9	38.4	37.6	45.1
2S_0446	76	1.0 to <1.5	1.0	1.49	1.2	31.6	30.2	31.7	31.2	39.6
2G_0379	64	1.0 to <1.5	1.0	1.49	1.23	33.6	35.8	33.8	34.6	41.6
WA_0100	0									
1S_0890	84	1.5 to <2.0	1.5	1.98	1.72	38.8	33.6	34.4	31.9	45.0
2M_0399	12	1.5 to <2.0	1.5	1.97	1.67	27.4	32.1	27.5	28.2	45.5
2S_0446	49	1.5 to <2.0	1.51	1.99	1.74	29.1	32.8	29.1	31.7	37.6
2G_0379	29	1.5 to <2.0	1.51	1.99	1.69	27.4	29.0	27.7	27.7	37.6
WA_0100	0									
1S_0890	95	2.0 to <5.0	2.0	4.87	2.77	43.0	35.9	33.3	31.6	42.9
2M_0399	5	2.0 to <5.0	2.01	2.74	2.26	15.1	23.7	15.7	11.9	44.9
2S_0446	66	2.0 to <5.0	2.0	4.28	2.62	28.0	30.2	28.0	29.5	35.7
2G_0379	10	2.0 to <5.0	2.07	2.61	2.23	29.3	39.6	28.5	32.9	26.9

datasets: WA=WANG, 1S=BIGC_T1_SG, 2M=BIGC_T2_M, 2S=BIGC_T2_SG, 2G=BIGC_T2_G