

Performance (STRESS values) for small colour difference data (SCD)										
dataset	Calculations with data for grey surrounds (D65, P40) and 0,1 < Y < 190									
	Difference $\Delta E^*_{CIE\text{LAB}}$					Colour difference formula and STRESS value				
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIELAB	CMC	CIE94	CIEDE2000	LABJND
WI_0418	418	0.0 to <99.0	0.11	10.62	1.86	51.7	39.5	31.6	33.7	55.1
RD_0312	312	0.0 to <99.0	0.77	4.4	1.43	33.4	31.7	20.3	20.5	38.3
LE_0307	307	0.0 to <99.0	0.39	4.73	1.63	40.0	28.3	30.4	21.4	45.1
BF_2776	2776	0.0 to <99.0	0.03	18.2	3.0	42.4	32.6	33.7	31.0	52.9
SS_0446	446	0.0 to <99.0	0.17	7.97	3.03	42.1	33.2	28.7	28.8	45.8
WI_0418	400	0.0 to <5.0	0.11	4.94	1.67	51.9	38.8	31.9	33.8	55.7
RD_0312	312	0.0 to <5.0	0.77	4.4	1.43	33.4	31.7	20.3	20.5	38.3
LE_0307	307	0.0 to <5.0	0.39	4.73	1.63	40.0	28.3	30.4	21.4	45.1
BF_2776	2325	0.0 to <5.0	0.03	4.99	2.14	42.5	32.6	33.6	31.0	52.8
SS_0446	385	0.0 to <5.0	0.17	4.96	2.57	42.2	34.3	29.1	29.3	46.4
WI_0418	38	0.0 to <0.5	0.11	0.49	0.36	51.4	33.8	29.1	22.7	52.4
RD_0312	0									
LE_0307	3	0.0 to <0.5	0.39	0.42	0.4	36.3	28.9	35.2	27.2	37.5
BF_2776	253	0.0 to <0.5	0.03	0.49	0.32	43.9	32.0	23.6	21.6	37.3
SS_0446	7	0.0 to <0.5	0.17	0.48	0.38	33.5	37.4	33.9	34.5	35.9
WI_0418	88	0.5 to <1.0	0.51	0.99	0.74	57.7	37.8	33.1	30.3	55.4
RD_0312	48	0.5 to <1.0	0.77	0.99	0.92	32.3	27.3	16.8	19.1	38.3
LE_0307	49	0.5 to <1.0	0.52	0.99	0.81	44.7	41.8	29.2	26.7	36.1
BF_2776	293	0.5 to <1.0	0.5	0.99	0.72	46.6	34.1	27.1	27.3	49.3
SS_0446	30	0.5 to <1.0	0.57	0.96	0.79	32.1	36.6	33.4	33.1	34.9
WI_0418	91	1.0 to <1.5	1.01	1.49	1.26	57.7	37.7	32.9	30.2	55.2
RD_0312	148	1.0 to <1.5	1.0	1.49	1.23	30.5	32.3	19.7	21.3	38.3
LE_0307	89	1.0 to <1.5	1.0	1.49	1.25	44.9	36.4	27.8	24.5	39.6
BF_2776	266	1.0 to <1.5	1.0	1.49	1.26	47.1	34.0	27.3	27.8	49.2
SS_0446	41	1.0 to <1.5	1.0	1.49	1.26	31.1	35.4	31.9	31.2	36.0
WI_0418	57	1.5 to <2.0	1.51	1.99	1.74	56.4	34.9	28.5	23.6	53.6
RD_0312	84	1.5 to <2.0	1.5	1.94	1.67	30.5	27.3	16.4	18.8	38.5
LE_0307	91	1.5 to <2.0	1.5	1.99	1.75	45.5	36.3	28.5	24.7	40.3
BF_2776	342	1.5 to <2.0	1.5	1.99	1.75	47.8	34.1	26.9	26.8	48.9
SS_0446	52	1.5 to <2.0	1.5	1.99	1.74	29.5	34.7	29.7	29.2	34.7
WI_0418	18	5.0 to <99.0	5.03	10.62	6.15	45.8	30.1	29.9	25.6	43.6
RD_0312	0									
LE_0307	0									
BF_2776	451	5.0 to <99.0	5.0	18.2	7.43	46.9	32.9	27.7	25.7	50.6
SS_0446	61	5.0 to <99.0	5.0	7.97	5.93	30.1	34.3	28.7	28.5	35.4
datasets: WI=WITT, RD=RIT_DUPONT, LE=LEEDS, BF=BFD_ALL, SS=BIGC_SSG										