

Performance f_{STRESS} for Small Colour Difference data (SCD)

data set Name	Pairs	Calculations with data for grey backgrounds (chromaticity near D65)								
		Colour difference ΔE^*_{ab}				Performance f_{STRESS} calculated by formula				
		range	min	max	mean	CIELAB $\Delta E^*_{ab_PF}$	CMC $\Delta E^*_{CM_PF}$	CIE94 $\Delta E^*_{94_PF}$	CIEDE2000 $\Delta E^*_{00_PF}$	LABJND $\Delta E^*_{85_PF}$
WA_S0418	418	0,0 to <99,0	0,12	10,62	1,86	41,5	32,7	30,6	28,5	44,0
RA_S0312	312	0,0 to <99,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3
LA_S0307	307	0,0 to <99,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0
BA_S2776	2776	0,0 to <99,0	0,03	18,20	3,00	37,2	29,6	30,8	28,4	43,1
SA_S0446	446	0,0 to <99,0	0,17	7,96	3,03	32,5	24,1	23,4	22,4	30,3
WA_S0418	400	0,0 to <5,0	0,12	4,94	1,67	43,4	33,8	31,5	29,4	44,5
RA_S0312	312	0,0 to <5,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3
LA_S0307	307	0,0 to <5,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0
BA_S2776	2325	0,0 to <5,0	0,03	4,99	2,14	39,0	29,7	32,1	28,7	43,3
SA_S0446	385	0,0 to <5,0	0,17	4,96	2,57	31,7	24,3	24,2	22,5	31,1
WA_S0418	18	5,0 to <99,0	5,03	10,62	6,15	19,4	22,1	22,0	20,2	27,5
RA_S0312	0	5,0 to <99,0								
LA_S0307	0	5,0 to <99,0								
BA_S2776	451	5,0 to <99,0	5,00	18,20	7,43	34,4	28,5	28,7	27,3	33,7
SA_S0446	61	5,0 to <99,0	5,00	7,96	5,93	32,0	20,8	17,5	17,0	26,1
WA_S0418	17	5,0 to <10,0	5,03	8,74	5,89	20,5	23,3	23,0	21,3	27,9
RA_S0312	0	5,0 to <10,0								
LA_S0307	0	5,0 to <10,0								
BA_S2776	389	5,0 to <10,0	5,00	9,91	6,65	35,4	29,0	29,9	27,6	34,5
SA_S0446	61	5,0 to <10,0	5,00	7,96	5,93	32,0	20,8	17,5	17,0	26,1
WA_S0418	1	10,0 to <15,0	10,62	10,62	10,62	0,1	0,1	0,1	0,1	0,1
RA_S0312	0	10,0 to <15,0								
LA_S0307	0	10,0 to <15,0								
BA_S2776	53	10,0 to <15,0	10,05	14,69	11,64	31,3	25,2	21,6	23,9	25,0
SA_S0446	0	10,0 to <15,0								
WA_S0418	0	15,0 to <20,0								
RA_S0312	0	15,0 to <20,0								
LA_S0307	0	15,0 to <20,0								
BA_S2776	9	15,0 to <20,0	15,11	18,20	16,53	21,7	27,9	27,7	28,0	25,3
SA_S0446	0	15,0 to <20,0								
WA_S0418	0	20,0 to <99,0								
RA_S0312	0	20,0 to <99,0								
LA_S0307	0	20,0 to <99,0								
BA_S2776	0	20,0 to <99,0								
SA_S0446	0	20,0 to <99,0								
data sets: WA_S0418, RA_S0312, LA_S0307, BA_S2776, SA_S0446										

data sets:
WA_S0418, RA_S0312, LA_S0307, BA_S2776, SA_S0446

Performance f_{STRESS} for Small Colour Difference data (SCD)

data set Name	Pairs	Calculations with data for grey backgrounds (chromaticity near D65)				Performance f_{STRESS} calculated by formula				
		Colour difference range	ΔE^*_{00}							
			min	max	mean	CIELAB $\Delta E^*_{ab_PF}$	CMC $\Delta E^*_{CM_PF}$	CIE94 $\Delta E^*_{94_PF}$	CIEDE2000 $\Delta E^*_{00_PF}$	LABJND $\Delta E^*_{85_PF}$
WA_S0418	418	0,0 to <99,0	0,12	10,62	1,86	41,5	32,7	30,6	28,5	44,0
RA_S0312	312	0,0 to <99,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3
LA_S0307	307	0,0 to <99,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0
BA_S2776	2776	0,0 to <99,0	0,03	18,20	3,00	37,2	29,6	30,8	28,4	43,1
SA_S0446	446	0,0 to <99,0	0,17	7,96	3,03	32,5	24,1	23,4	22,4	30,3
WA_S0418	418	0,0 to <5,0	0,12	10,62	1,86	41,5	32,7	30,6	28,5	44,0
RA_S0312	312	0,0 to <5,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3
LA_S0307	307	0,0 to <5,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0
BA_S2776	2709	0,0 to <5,0	0,03	16,07	2,82	37,7	30,0	31,6	28,8	43,1
SA_S0446	443	0,0 to <5,0	0,17	7,96	3,01	32,3	24,4	23,7	22,7	29,7
WA_S0418	0	5,0 to <99,0								
RA_S0312	0	5,0 to <99,0								
LA_S0307	0	5,0 to <99,0								
BA_S2776	67	5,0 to <99,0	3,60	18,20	10,29	28,0	26,3	25,1	25,8	29,0
SA_S0446	3	5,0 to <99,0	5,35	7,13	6,19	16,3	6,8	8,0	7,1	14,1
WA_S0418	0	5,0 to <10,0								
RA_S0312	0	5,0 to <10,0								
LA_S0307	0	5,0 to <10,0								
BA_S2776	66	5,0 to <10,0	3,60	18,15	10,17	27,3	25,3	24,2	24,9	29,1
SA_S0446	3	5,0 to <10,0	5,35	7,13	6,19	16,3	6,8	8,0	7,1	14,1
WA_S0418	0	10,0 to <15,0								
RA_S0312	0	10,0 to <15,0								
LA_S0307	0	10,0 to <15,0								
BA_S2776	1	10,0 to <15,0	18,20	18,20	18,20	0,1	0,1	0,1	0,1	0,1
SA_S0446	0	10,0 to <15,0								
WA_S0418	0	15,0 to <20,0								
RA_S0312	0	15,0 to <20,0								
LA_S0307	0	15,0 to <20,0								
BA_S2776	0	15,0 to <20,0								
SA_S0446	0	15,0 to <20,0								
WA_S0418	0	20,0 to <99,0								
RA_S0312	0	20,0 to <99,0								
LA_S0307	0	20,0 to <99,0								
BA_S2776	0	20,0 to <99,0								
SA_S0446	0	20,0 to <99,0								

data sets:
WA_S0418, RA_S0312, LA_S0307, BA_S2776, SA_S0446

Performance f_{STRESS} for Small Colour Difference data (SCD)

data set Name	Pairs	Calculations with data for grey backgrounds (chromaticity near D65)				Performance f_{STRESS} calculated by formula				
		Colour difference range	ΔE^*_{85}							
			min	max	mean	CIELAB $\Delta E^*_{ab_PF}$	CMC $\Delta E^*_{CM_PF}$	CIE94 $\Delta E^*_{94_PF}$	CIEDE2000 $\Delta E^*_{00_PF}$	LABJND $\Delta E^*_{85_PF}$
WA_S0418	418	0,0 to <99,0	0,12	10,62	1,86	41,5	32,7	30,6	28,5	44,0
RA_S0312	312	0,0 to <99,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3
LA_S0307	307	0,0 to <99,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0
BA_S2776	2776	0,0 to <99,0	0,03	18,20	3,00	37,2	29,6	30,8	28,4	43,1
SA_S0446	446	0,0 to <99,0	0,17	7,96	3,03	32,5	24,1	23,4	22,4	30,3
WA_S0418	189	0,0 to <5,0	0,12	4,39	1,11	46,3	33,5	34,1	30,7	49,8
RA_S0312	87	0,0 to <5,0	0,77	4,40	1,56	19,1	12,4	9,4	11,3	9,0
LA_S0307	86	0,0 to <5,0	0,39	2,50	1,39	34,8	21,8	23,9	20,0	28,0
BA_S2776	851	0,0 to <5,0	0,03	6,06	1,09	43,7	32,7	33,1	29,7	52,0
SA_S0446	90	0,0 to <5,0	0,17	5,15	1,44	39,9	34,7	31,9	31,4	28,6
WA_S0418	229	5,0 to <99,0	0,59	10,62	2,48	39,7	32,5	29,1	27,8	41,7
RA_S0312	225	5,0 to <99,0	0,77	3,64	1,38	16,6	19,5	14,4	14,1	9,1
LA_S0307	221	5,0 to <99,0	0,52	4,73	1,72	28,1	19,6	23,6	16,8	23,4
BA_S2776	1925	5,0 to <99,0	0,55	18,20	3,84	35,8	29,1	30,6	28,1	40,9
SA_S0446	356	5,0 to <99,0	0,65	7,96	3,43	31,4	22,1	21,1	20,3	30,5
WA_S0418	133	5,0 to <10,0	0,59	6,68	2,31	40,3	30,0	28,9	27,8	42,6
RA_S0312	171	5,0 to <10,0	0,77	3,64	1,33	15,6	18,8	13,2	13,8	6,3
LA_S0307	94	5,0 to <10,0	0,52	3,67	1,49	33,9	19,4	22,8	19,0	27,6
BA_S2776	799	5,0 to <10,0	0,55	12,92	2,66	36,9	27,9	28,2	23,9	41,8
SA_S0446	173	5,0 to <10,0	0,65	7,27	2,97	32,8	26,2	23,1	23,3	27,6
WA_S0418	70	10,0 to <15,0	1,08	10,62	2,50	37,3	32,4	28,9	25,7	41,8
RA_S0312	50	10,0 to <15,0	0,93	2,88	1,49	15,5	16,8	11,6	15,1	2,4
LA_S0307	68	10,0 to <15,0	0,92	2,94	1,60	25,9	20,0	24,2	17,1	20,6
BA_S2776	392	10,0 to <15,0	0,93	14,40	3,88	32,0	26,4	28,1	24,9	42,6
SA_S0446	111	10,0 to <15,0	1,45	7,94	3,37	33,6	21,6	22,7	21,0	33,5
WA_S0418	16	15,0 to <20,0	1,84	7,51	3,27	43,7	41,8	33,3	34,5	41,7
RA_S0312	4	15,0 to <20,0	1,74	3,22	2,48	16,5	7,2	9,3	6,5	1,1
LA_S0307	42	15,0 to <20,0	1,34	3,67	1,98	21,6	19,8	18,5	13,8	17,8
BA_S2776	225	15,0 to <20,0	1,45	13,66	4,00	35,2	28,6	30,1	27,0	45,7
SA_S0446	43	15,0 to <20,0	1,63	7,13	4,00	24,2	18,0	17,2	17,1	32,2
WA_S0418	10	20,0 to <99,0	2,12	5,67	3,34	36,8	31,8	19,9	20,8	30,1
RA_S0312	0	20,0 to <99,0								
LA_S0307	17	20,0 to <99,0	1,89	4,73	2,77	22,1	16,5	18,5	12,8	13,1
BA_S2776	509	20,0 to <99,0	2,00	18,20	5,60	34,7	30,3	32,2	31,0	38,1
SA_S0446	29	20,0 to <99,0	2,69	7,96	5,58	18,8	13,4	12,3	10,4	25,8

data sets:
WA_S0418, RA_S0312, LA_S0307, BA_S2776, SA_S0446