Visual and other characteristics of colour difference data sets

Short Name, number of pairs	Number of observers and repli-cations	Illuminant or light source	Material properties	Scaling and comparison method
WI_0418	10−14	High quality D65	Gloss Paint	Own grey scale
RD_0312	50	CCT = 6100 K	Gloss Paint	Anchor pair
LE_0307	12−15	D65 *(ICS−Texicon)*	Matt Paint	grey scale[3)]
BF_2776	Mean>20	D65 (3 types)	(textile)	Grey scale
SS_0446	9 x 27	D65 *(GretagMb.)*	Print	Own grey scale
WA_100	21 x 26	D65 *(GretagMb.II)*	Gloss Paint	fixed Yes/No[4)]
1S_0890	16 x 3	D65 *(GretagMb.II)*	Gloss Paint	fixed Yes/No[4)]
2M_0399	23 x 3	D65	Gloss Paint	fixed Pass/Fail[4)]
2S_0446	23 x 3	D65	Gloss Paint	fixed Pass/Fail[4)]
2G_0379	23 x 3	D65	Gloss Paint	fixed Pass/Fail[4)]
RI_0330	7 x 3	D65 (258 pairs)[1)]	light colours	slider Yes/No[5)]
KI_0392	31	High quality D65	photo paper	slider Yes/No[5)]
AV_0132	4 x 3	CCT = 4000 K[2)]	light colours	slider Yes/No[5)]

Remarks:

[1)] 258 pairs are seen in surround D65 and 72 pairs in surround with CCT 4000K.

[2)] large range 0,1<*Y*<200.

[3)] grey scale and anchor pair.

[4)] Pass/Fail decision of colour difference.

[5)] Yes/No detection of colour difference.