

FAMILY	MEASURE	COR	ACC	BAD	ERR	FPo	FNe	WOA	OA	OIA	DA	W	F
CROSS	NCC	95 (9)	0 (32)	0 (39)	0 (22)	0 (27)	3 (5)	88 (22)	98 (26)	62 (21)	78 (22)	24	1
	ZNCC	95 (11)	0 (27)	0 (38)	0 (23)	0 (24)	4 (12)	88 (24)	98 (22)	61 (27)	77 (24)	25	2
	MOR	95 (12)	0 (28)	0 (41)	0 (21)	0 (25)	4 (11)	88 (25)	98 (28)	61 (26)	78 (23)	27	3
CLASSIC	D ₁	95 (7)	0 (33)	0 (40)	0 (19)	0 (12)	3 (8)	89 (9)	98 (10)	67 (9)	82 (9)	11	1
	ZD ₁	96 (3)	0 (39)	0 (43)	0 (11)	0 (20)	3 (3)	89 (13)	98 (15)	66 (12)	82 (8)	12	2
	LD ₁	96 (4)	0 (41)	0 (42)	0 (12)	0 (19)	3 (4)	89 (14)	98 (16)	66 (13)	81 (15)	13	3
	VAD	95 (17)	0 (20)	0 (16)	0 (29)	0 (32)	4 (17)	85 (35)	98 (32)	54 (36)	64 (36)	35	4
	K ₄	73 (40)	1 (5)	0 (3)	4 (41)	0 (38)	19 (40)	76 (41)	97 (38)	24 (42)	30 (42)	40	5
DERIVATIVE	SES ₁	88 (35)	0 (9)	0 (9)	0 (32)	0 (33)	10 (36)	84 (36)	98 (33)	48 (37)	55 (38)	36	2
	SEK ₁	68 (41)	1 (6)	0 (5)	3 (40)	0 (42)	25 (41)	78 (40)	94 (42)	37 (41)	48 (41)	42	5
	NIS	16 (43)	0 (13)	0 (8)	5 (42)	0 (40)	76 (43)	69 (43)	96 (40)	2 (43)	2 (43)	43	6
	OCM	89 (33)	0 (10)	0 (7)	1 (37)	0 (34)	8 (32)	83 (38)	98 (34)	45 (38)	59 (37)	37	3
	PRATT	88 (34)	0 (21)	0 (15)	1 (38)	0 (35)	9 (34)	82 (39)	98 (35)	42 (39)	52 (39)	39	4
	GC	95 (13)	0 (25)	0 (30)	0 (8)	0 (16)	4 (13)	90 (4)	98 (13)	67 (4)	84 (3)	5	1
NON-PARAMETRIC	JEFF	93 (25)	0 (11)	0 (14)	0 (27)	0 (29)	6 (26)	87 (31)	98 (30)	57 (32)	71 (30)	31	7
	χ_2	95 (10)	0 (30)	0 (28)	0 (25)	0 (21)	3 (10)	88 (23)	98 (21)	62 (23)	76 (28)	21	3
	ISC	94 (19)	0 (29)	0 (27)	0 (24)	0 (10)	5 (21)	88 (19)	98 (11)	63 (19)	78 (21)	18	2
	SCC	93 (23)	0 (23)	0 (19)	0 (26)	0 (28)	6 (25)	87 (28)	98 (29)	59 (30)	71 (31)	33	8
	RANK ₁	95 (16)	0 (15)	0 (25)	0 (6)	0 (14)	4 (15)	88 (17)	98 (17)	64 (18)	83 (7)	9	1
	CENSUS	94 (22)	0 (14)	0 (21)	0 (31)	0 (39)	4 (20)	86 (34)	96 (39)	61 (24)	84 (2)	28	6
	κ	91 (29)	0 (17)	0 (23)	0 (3)	0 (11)	8 (29)	86 (32)	98 (12)	56 (33)	68 (34)	23	4
	χ	89 (31)	0 (12)	0 (17)	0 (9)	0 (13)	9 (35)	86 (33)	98 (20)	55 (34)	67 (35)	26	5
ROBUST	RM _{LMS}	92 (27)	0 (26)	0 (22)	0 (2)	0 (2)	6 (28)	89 (10)	99 (3)	65 (15)	80 (17)	10	8
	QUAD	92 (26)	0 (24)	0 (18)	0 (7)	0 (30)	6 (27)	87 (30)	98 (25)	58 (31)	69 (32)	30	17
	ZNCC _R	91 (30)	0 (31)	0 (24)	0 (15)	0 (15)	8 (30)	87 (27)	98 (18)	59 (29)	75 (29)	29	16
	D _{0.1}	92 (28)	1 (7)	0 (10)	0 (30)	0 (26)	5 (24)	89 (16)	98 (27)	64 (16)	78 (20)	19	13
	MAD	89 (32)	0 (40)	0 (26)	0 (1)	0 (3)	10 (37)	88 (18)	99 (2)	63 (20)	79 (18)	17	12
	LMP ₂	86 (38)	0 (16)	0 (20)	0 (4)	0 (1)	13 (38)	88 (21)	99 (1)	61 (28)	77 (27)	16	11
	LTP ₂	93 (24)	0 (8)	0 (13)	0 (28)	0 (9)	5 (22)	90 (3)	99 (5)	68 (3)	83 (5)	2	2
	SMPD ₂	95 (14)	0 (34)	0 (29)	0 (10)	0 (4)	4 (16)	90 (1)	99 (4)	69 (1)	85 (1)	1	1
	ME ₁	95 (5)	0 (35)	0 (31)	0 (20)	0 (8)	3 (6)	89 (7)	99 (7)	67 (8)	82 (12)	6	5
	ME ₂	95 (8)	0 (36)	0 (32)	0 (5)	0 (6)	3 (9)	90 (5)	98 (9)	67 (6)	82 (10)	4	4
	ME ₃	95 (15)	0 (22)	0 (33)	0 (18)	0 (5)	4 (14)	90 (2)	99 (6)	68 (2)	84 (4)	3	3
	ME ₄	87 (36)	2 (4)	0 (6)	0 (33)	0 (36)	8 (31)	87 (26)	97 (36)	62 (22)	77 (26)	32	18
	ME ₅	76 (39)	4 (2)	1 (2)	2 (39)	0 (41)	15 (39)	83 (37)	95 (41)	54 (35)	68 (33)	38	20
	ME ₆	56 (42)	5 (1)	1 (1)	6 (43)	1 (43)	28 (42)	75 (42)	89 (43)	38 (40)	51 (40)	41	21
	ME ₇	95 (6)	0 (37)	0 (34)	0 (17)	0 (7)	3 (7)	89 (6)	98 (8)	67 (7)	81 (13)	7	6
	ME ₈	87 (37)	2 (3)	0 (4)	0 (36)	0 (37)	9 (33)	87 (29)	97 (37)	61 (25)	77 (25)	34	19
	R ₁	96 (2)	0 (42)	0 (35)	0 (16)	0 (23)	3 (2)	89 (15)	98 (23)	66 (14)	82 (11)	14	9
	R ₂	94 (21)	0 (18)	0 (11)	0 (35)	0 (31)	4 (19)	88 (20)	98 (31)	64 (17)	79 (19)	22	15
	R ₃	96 (1)	0 (43)	0 (36)	0 (14)	0 (17)	3 (1)	89 (8)	98 (14)	67 (5)	83 (6)	8	7
	R ₄	94 (20)	0 (38)	0 (37)	0 (13)	0 (18)	5 (23)	89 (11)	98 (19)	66 (11)	81 (16)	20	14
	R ₅	94 (18)	0 (19)	0 (12)	0 (34)	0 (22)	4 (18)	89 (12)	98 (24)	66 (10)	81 (14)	15	10

TABLE 1 – Percentages for each criterion and each measure obtained with the pair of images *cloth1* (with 9×9 correlation window size, (W)OA : (Whole) Occlusion Area, OIA : Occlusion Influence Area, DA : Discontinuity Area) – The Whole Rank (WR) is estimated by comparing, between each measure, the mean of the ranks on all the criteria whereas the Family Rank (FR) takes into account only the measures of the same family. Moreover, results in parenthesis correspond to the rank of the evaluation criterion compared to the other measures, for each criterion.