

Supporting Table S 7: Transparent paradigm’s statistics for all features. Table lists cell count, mean, standard deviation, minimum, 25 % quantile, median, 75 % quantile and maximum for all features when evaluated with the direct method (values from best model in parentheses).

		count	mean	std	min	25%	50%	75%	max
afix	Δ INNERWIDTH	143	0.63 (4.89)	53.34 (56.36)	-120.00 (-175.60)	-30.00 (-22.05)	0.00 (7.00)	30.00 (34.70)	150.00 (154.90)
afix	Δ KURTOSIS	144	-0.12 (0.07)	1.11 (1.15)	-2.85 (-4.26)	-0.77 (-0.42)	-0.09 (-0.01)	0.52 (0.45)	3.00 (4.90)
afix	Δ MAXIMUM	143	0.97 (1.58)	7.53 (8.43)	-21.00 (-25.79)	-2.50 (-1.77)	0.00 (0.11)	3.33 (3.77)	43.00 (53.44)
afix	NORMALIZED Δ MAXIMUM	143	0.02 (-0.16)	0.57 (2.29)	-2.00 (-26.40)	-0.19 (-0.13)	0.00 (0.02)	0.18 (0.22)	4.18 (2.82)
afix	Δ OUTERWIDTH	143	-0.63 (7.33)	89.96 (81.96)	-180.00 (-165.60)	-60.00 (-51.80)	0.00 (2.10)	60.00 (72.80)	150.00 (178.50)
afix	Δ PEAKTOPEAK	143	0.97 (1.58)	7.53 (8.43)	-21.00 (-25.79)	-2.50 (-1.77)	0.00 (0.11)	3.33 (3.77)	43.00 (53.44)
afix	NORMALIZED Δ PEAKTOPEAK	143	0.02 (-0.16)	0.57 (2.29)	-2.00 (-26.40)	-0.19 (-0.13)	0.00 (0.02)	0.18 (0.22)	4.18 (2.82)
afix	Δ SKEWNESS	144	0.51 (-0.09)	1.04 (1.20)	-2.22 (-2.99)	-0.15 (-0.79)	0.58 (-0.10)	1.19 (0.56)	3.58 (5.22)
afix	Δ WIDTH	143	-2.52 (-0.37)	95.77 (105.53)	-180.00 (-180.00)	-60.00 (-87.40)	0.00 (1.60)	60.00 (82.50)	120.00 (178.60)
afix	DIP	143	8.12 (8.15)	6.39 (6.90)	0.38 (0.39)	3.50 (3.21)	6.50 (6.52)	10.83 (10.93)	36.00 (38.09)
afix	NORMALIZEDDIP	143	0.56 (0.72)	0.54 (1.26)	0.04 (0.03)	0.25 (0.23)	0.43 (0.45)	0.73 (0.77)	4.50 (13.20)
afix	GLOBALMAXIMUM	145	21.15 (20.66)	21.92 (22.34)	0.50 (0.76)	7.50 (6.39)	14.00 (12.94)	27.71 (26.66)	127.00 (130.39)
afix	GLOBALMAXIMUMANGLE	145	173.59 (184.15)	86.76 (81.34)	0.00 (4.90)	120.00 (119.70)	180.00 (184.70)	240.00 (248.20)	330.00 (349.90)
afix	NORMALIZEDGLOBALMAXIMUM	145	1.14 (1.69)	1.10 (5.96)	0.07 (0.17)	0.62 (0.63)	0.93 (0.89)	1.43 (1.37)	11.57 (70.99)
afix	GLOBALMINIMUM	145	5.01 (5.08)	8.56 (8.99)	0.00 (-1.38)	0.00 (0.27)	2.00 (1.53)	5.00 (5.50)	48.00 (51.41)
afix	GLOBALMINIMUMANGLE	145	38.90 (42.14)	78.11 (88.81)	-120.00 (-116.70)	0.00 (-15.75)	30.00 (26.40)	90.00 (89.35)	210.00 (238.50)
afix	NORMALIZEDGLOBALMINIMUM	145	0.17 (0.40)	0.22 (2.57)	0.00 (-1.37)	0.00 (0.03)	0.12 (0.12)	0.28 (0.27)	2.00 (30.49)
afix	INNERMINIMUMANGLE	145	177.72 (179.87)	31.24 (34.74)	120.00 (108.20)	150.00 (154.40)	180.00 (180.60)	210.00 (203.50)	240.00 (269.50)
afix	INNERMINIMUMVAL	145	10.48 (9.94)	16.66 (16.20)	0.00 (-0.45)	1.33 (1.10)	4.00 (4.12)	12.00 (11.07)	99.43 (96.17)
afix	NORMALIZEDINNERMINIMUMVAL	145	0.37 (0.69)	0.36 (3.73)	0.00 (-0.24)	0.15 (0.12)	0.32 (0.32)	0.51 (0.56)	3.27 (44.59)
afix	BANDWIDTH _{75%} ^{left}	144	76.88 (57.43)	25.51 (31.29)	30.00 (12.80)	60.00 (37.00)	60.00 (47.90)	90.00 (69.15)	180.00 (217.90)
afix	Δ WIDTH ^{left}	144	59.58 (51.84)	79.09 (64.23)	-120.00 (-153.50)	0.00 (6.75)	60.00 (52.70)	120.00 (97.55)	240.00 (187.00)
afix	DIP ^{left}	144	7.59 (7.36)	6.38 (6.63)	0.00 (0.00)	2.99 (2.44)	5.83 (5.10)	10.56 (10.53)	34.00 (35.40)
afix	NORMALIZEDDIP ^{left}	144	0.55 (0.80)	0.53 (2.31)	0.00 (0.00)	0.19 (0.16)	0.41 (0.43)	0.70 (0.73)	3.22 (26.40)
afix	INNERWIDTH ^{left}	144	63.33 (66.69)	36.72 (36.63)	0.00 (0.00)	30.00 (45.70)	60.00 (57.10)	90.00 (87.30)	150.00 (212.10)
afix	INNERBANDWIDTH _{75%} ^{left}	144	36.04 (25.20)	16.09 (14.00)	0.00 (0.00)	30.00 (16.80)	30.00 (22.40)	30.00 (31.70)	90.00 (89.10)
afix	KURTOSIS ^{left}	144	-0.79 (-0.82)	0.80 (0.94)	-3.00 (-2.00)	-1.34 (-1.34)	-0.95 (-1.00)	-0.47 (-0.66)	2.17 (6.26)
afix	MAXIMUM ^{left}	144	18.14 (17.30)	18.85 (18.78)	0.25 (0.43)	5.88 (4.98)	11.00 (10.37)	25.08 (23.79)	102.00 (108.84)
afix	MAXIMUMANGLE ^{left}	144	114.58 (113.18)	36.29 (37.60)	60.00 (45.00)	90.00 (84.10)	120.00 (113.70)	150.00 (145.05)	210.00 (190.70)
afix	NORMALIZEDMAXIMUM ^{left}	144	0.92 (1.49)	0.67 (5.97)	0.12 (0.11)	0.49 (0.52)	0.76 (0.75)	1.04 (1.06)	4.67 (70.99)
afix	OUTERWIDTH ^{left}	144	122.92 (118.53)	65.83 (57.63)	30.00 (39.40)	90.00 (70.05)	120.00 (114.40)	150.00 (150.85)	330.00 (313.20)
afix	OUTERBANDWIDTH _{75%} ^{left}	144	40.83 (32.24)	21.17 (25.55)	30.00 (0.10)	30.00 (18.65)	30.00 (23.60)	60.00 (36.60)	150.00 (187.30)
afix	PEAKTOPEAK ^{left}	144	13.09 (12.22)	12.19 (11.88)	0.25 (0.00)	4.60 (4.24)	9.08 (9.12)	18.18 (16.64)	76.00 (75.32)
afix	NORMALIZEDPEAKTOPEAK ^{left}	144	0.74 (1.09)	0.59 (3.45)	0.12 (0.00)	0.36 (0.35)	0.51 (0.53)	0.95 (0.85)	3.41 (40.50)
afix	WIDTH ^{left}	144	186.25 (185.22)	71.48 (72.11)	60.00 (53.90)	150.00 (136.10)	180.00 (179.20)	210.00 (224.50)	480.00 (469.10)
afix	MAXANGLEDIST	143	127.76 (138.27)	46.38 (46.73)	60.00 (61.50)	90.00 (100.35)	120.00 (129.40)	150.00 (170.75)	240.00 (270.00)
afix	MINUSLEFTSKEWNESS	144	-0.26 (0.06)	0.70 (0.70)	-2.04 (-2.73)	-0.69 (-0.36)	-0.28 (0.04)	0.19 (0.59)	1.49 (1.90)
afix	OUTERMINIMUMANGLE	145	108.41 (168.36)	124.41 (140.15)	0.00 (1.90)	0.00 (33.25)	30.00 (92.10)	240.00 (318.15)	330.00 (359.40)
afix	PEAKTOPEAK	145	16.14 (15.58)	14.96 (15.06)	0.50 (0.77)	6.00 (5.66)	11.93 (10.43)	20.00 (20.63)	86.50 (87.22)
afix	NORMALIZEDPEAKTOPEAK	145	0.97 (1.29)	1.07 (3.45)	0.07 (0.17)	0.44 (0.48)	0.74 (0.72)	1.14 (1.11)	11.57 (40.50)
afix	BANDWIDTH _{75%} ^{right}	144	79.17 (59.65)	28.07 (33.27)	30.00 (0.40)	60.00 (37.90)	60.00 (50.00)	90.00 (76.45)	180.00 (195.20)
afix	Δ WIDTH ^{right}	144	68.54 (46.73)	72.16 (64.02)	-90.00 (-145.70)	22.50 (1.20)	60.00 (45.70)	120.00 (89.25)	240.00 (223.00)
afix	DIP ^{right}	143	8.60 (8.94)	8.34 (9.31)	0.00 (0.00)	3.00 (2.92)	6.07 (6.59)	11.13 (10.78)	46.67 (55.35)

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		count	mean	std	min	25%	50%	75%	max
afix	NORMALIZEDDIP ^{right}	143	0.57 (0.64)	0.69 (0.69)	0.00 (0.00)	0.22 (0.21)	0.41 (0.47)	0.72 (0.82)	6.59 (4.80)
afix	INNERWIDTH ^{right}	144	63.96 (71.58)	33.89 (36.58)	0.00 (0.00)	30.00 (49.00)	60.00 (61.60)	90.00 (86.45)	180.00 (204.00)
afix	INNERBANDWIDTH ^{right} _{75%}	144	35.83 (27.69)	14.75 (19.46)	0.00 (0.00)	30.00 (16.85)	30.00 (23.00)	30.00 (33.25)	90.00 (144.60)
afix	KURTOSIS ^{right}	145	-0.89 (-0.74)	0.74 (1.00)	-2.00 (-1.72)	-1.44 (-1.34)	-1.09 (-0.98)	-0.62 (-0.64)	1.67 (5.64)
afix	MAXIMUM ^{right}	144	19.10 (18.88)	21.80 (22.16)	0.50 (0.03)	6.00 (5.11)	12.00 (11.57)	26.00 (24.68)	127.00 (130.39)
afix	MAXIMUMANGLE ^{right}	144	241.67 (251.45)	33.62 (35.63)	150.00 (168.50)	210.00 (229.30)	240.00 (247.50)	270.00 (272.55)	300.00 (315.00)
afix	NORMALIZEDMAXIMUM ^{right}	144	0.94 (1.33)	0.76 (3.78)	0.07 (0.01)	0.53 (0.58)	0.78 (0.76)	1.12 (1.22)	7.07 (44.59)
afix	OUTERWIDTH ^{right}	144	132.50 (118.31)	59.31 (53.97)	30.00 (12.80)	90.00 (69.90)	120.00 (118.00)	180.00 (148.50)	330.00 (313.50)
afix	OUTERBANDWIDTH ^{right} _{75%}	144	43.33 (31.96)	22.93 (23.33)	30.00 (0.40)	30.00 (18.95)	30.00 (25.60)	60.00 (35.80)	150.00 (150.00)
afix	PEAKTOPEAK ^{right}	144	14.05 (13.79)	14.83 (15.05)	0.50 (0.00)	4.69 (4.18)	9.50 (8.70)	17.62 (16.57)	86.50 (87.22)
afix	NORMALIZEDPEAKTOPEAK ^{right}	144	0.76 (0.93)	0.73 (1.34)	0.07 (0.00)	0.41 (0.40)	0.55 (0.62)	0.96 (1.05)	7.07 (14.11)
afix	SKEWNESS ^{right}	145	0.26 (-0.03)	0.64 (0.74)	-1.21 (-2.14)	-0.21 (-0.55)	0.24 (-0.05)	0.66 (0.44)	1.79 (2.49)
afix	WIDTH ^{right}	144	196.46 (189.89)	64.24 (66.37)	60.00 (12.80)	150.00 (144.80)	195.00 (187.80)	240.00 (237.20)	450.00 (451.80)
afix	TC SYMMETRY INDEX	145	0.40 (6.96)	0.13 (2.41)	0.00 (0.38)	0.31 (5.29)	0.41 (6.71)	0.49 (8.73)	0.72 (12.73)
afix vs ain	Δ GLOBALMINIMUM	145	1.07 (1.78)	6.41 (4.10)	-30.00 (-2.86)	-0.90 (-0.34)	0.13 (0.38)	1.53 (2.28)	48.57 (15.96)
afix vs ain	NORMALIZED Δ GLOBALMINIMUM	145	0.03 (0.08)	0.24 (0.14)	-2.00 (-0.10)	-0.04 (-0.02)	0.01 (0.05)	0.13 (0.13)	0.77 (0.52)
afix vs ain	Δ LEFTKURTOSIS	143	-0.10 (0.13)	1.07 (0.93)	-3.71 (-3.97)	-0.76 (-0.26)	-0.05 (0.04)	0.53 (0.60)	2.52 (1.63)
afix vs ain	Δ LEFTMAXIMUM	143	4.35 (8.18)	14.29 (16.93)	-63.00 (-10.86)	-1.08 (-0.31)	1.70 (3.11)	6.34 (9.36)	88.50 (76.93)
afix vs ain	NORMALIZED Δ LEFTMAXIMUM	143	0.08 (0.17)	0.60 (0.46)	-4.20 (-1.27)	-0.12 (-0.04)	0.13 (0.20)	0.31 (0.36)	2.40 (1.27)
afix vs ain	Δ MINIMUMUSLEFTSKEWNESS	143	0.06 (0.06)	0.84 (0.69)	-1.97 (-1.65)	-0.53 (-0.27)	0.14 (0.05)	0.60 (0.36)	2.21 (2.51)
afix vs ain	Δ RIGHTKURTOSIS	145	0.02 (0.14)	1.03 (1.04)	-2.65 (-1.75)	-0.49 (-0.61)	0.01 (0.16)	0.54 (0.71)	3.30 (3.46)
afix vs ain	Δ RIGHTMAXIMUM	144	4.65 (7.10)	13.12 (15.52)	-38.00 (-6.69)	-1.08 (0.28)	1.65 (3.22)	7.86 (7.23)	78.83 (87.33)
afix vs ain	NORMALIZED Δ RIGHTMAXIMUM	144	0.14 (0.18)	0.81 (0.47)	-5.38 (-1.06)	-0.11 (0.04)	0.13 (0.14)	0.44 (0.37)	4.17 (2.05)
afix vs ain	Δ RIGHTSKEWNESS	145	-0.03 (-0.01)	0.82 (0.84)	-1.75 (-1.93)	-0.59 (-0.51)	-0.07 (-0.12)	0.54 (0.38)	2.14 (1.81)
ain	Δ INNERWIDTH	145	9.93 (-1.12)	53.74 (50.55)	-150.00 (-135.40)	-30.00 (-26.90)	0.00 (3.45)	30.00 (23.32)	150.00 (136.40)
ain	Δ KURTOSIS	145	0.01 (0.03)	1.06 (1.01)	-3.52 (-3.32)	-0.54 (-0.46)	-0.10 (-0.03)	0.53 (0.44)	4.21 (4.16)
ain	Δ MAXIMUM	145	1.29 (1.18)	12.84 (12.98)	-67.20 (-39.83)	-2.45 (-3.38)	0.50 (0.40)	4.54 (3.38)	91.50 (104.98)
ain	NORMALIZED Δ MAXIMUM	145	0.08 (0.14)	0.66 (0.99)	-3.40 (-4.07)	-0.20 (-0.19)	0.05 (0.05)	0.29 (0.27)	3.45 (6.52)
ain	Δ OUTERWIDTH	145	-6.21 (7.12)	92.19 (81.85)	-180.00 (-170.10)	-60.00 (-50.72)	0.00 (4.65)	60.00 (63.00)	150.00 (178.20)
ain	Δ PEAKTOPEAK	145	1.29 (1.18)	12.84 (12.98)	-67.20 (-39.83)	-2.45 (-3.38)	0.50 (0.40)	4.54 (3.38)	91.50 (104.98)
ain	NORMALIZED Δ PEAKTOPEAK	145	0.08 (0.14)	0.66 (0.99)	-3.40 (-4.07)	-0.20 (-0.19)	0.05 (0.05)	0.29 (0.27)	3.45 (6.52)
ain	Δ SKEWNESS	145	0.43 (-0.03)	0.95 (1.08)	-2.27 (-2.51)	-0.27 (-0.74)	0.42 (0.00)	1.02 (0.58)	3.14 (3.12)
ain	Δ WIDTH	145	-8.69 (-3.86)	96.43 (97.31)	-180.00 (-178.60)	-60.00 (-79.30)	0.00 (1.10)	60.00 (55.90)	120.00 (177.40)
ain	DIP	145	9.95 (10.46)	10.17 (10.54)	0.30 (0.02)	4.07 (3.67)	6.90 (7.01)	11.55 (13.12)	64.40 (57.75)
ain	NORMALIZEDDIP	145	0.59 (0.87)	0.46 (2.52)	0.06 (0.02)	0.27 (0.33)	0.48 (0.57)	0.73 (0.80)	3.18 (30.32)
ain	GLOBALMAXIMUM	146	26.52 (26.18)	29.44 (29.83)	1.60 (0.45)	8.00 (6.38)	15.75 (15.93)	33.69 (33.30)	150.57 (151.46)
ain	GLOBALMAXIMUMANGLE	146	180.00 (189.61)	80.73 (79.79)	0.00 (1.10)	120.00 (120.70)	180.00 (206.35)	240.00 (250.30)	330.00 (356.00)
ain	NORMALIZEDGLOBALMAXIMUM	146	1.25 (1.53)	0.71 (2.66)	0.31 (0.22)	0.83 (0.80)	1.08 (1.14)	1.44 (1.53)	4.80 (31.50)
ain	GLOBALMINIMUM	146	6.04 (5.84)	11.48 (11.72)	0.00 (-3.49)	0.41 (0.20)	1.93 (1.44)	6.09 (5.01)	64.50 (63.63)
ain	GLOBALMINIMUMANGLE	146	31.44 (38.31)	81.67 (83.13)	-120.00 (-120.00)	-30.00 (-15.45)	30.00 (21.10)	60.00 (72.78)	210.00 (237.80)
ain	NORMALIZEDGLOBALMINIMUM	146	0.20 (0.19)	0.21 (0.28)	0.00 (-1.55)	0.02 (0.02)	0.14 (0.14)	0.32 (0.33)	0.99 (1.13)
ain	INNERMINIMUMANGLE	146	177.33 (184.08)	33.04 (36.33)	120.00 (99.90)	150.00 (156.90)	180.00 (188.35)	210.00 (207.80)	240.00 (246.00)
ain	INNERMINIMUMVAL	146	12.94 (12.11)	21.22 (21.03)	0.00 (-3.49)	1.52 (1.03)	5.00 (3.68)	16.30 (15.32)	138.00 (134.53)
ain	NORMALIZEDINNERMINIMUMVAL	146	0.44 (0.40)	0.31 (0.37)	0.00 (-1.53)	0.22 (0.16)	0.41 (0.38)	0.62 (0.60)	1.55 (1.64)
ain	BANDWIDTH ^{left} _{75%}	145	74.07 (56.33)	21.81 (32.39)	30.00 (16.10)	60.00 (38.30)	60.00 (48.55)	90.00 (62.88)	150.00 (268.50)

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		count	mean	std	min	25%	50%	75%	max
ain	Δ WIDTH ^{left}	145	66.83 (50.50)	67.06 (64.97)	-90.00 (-113.30)	30.00 (9.15)	60.00 (61.90)	120.00 (95.22)	240.00 (261.20)
ain	DIP ^{left}	145	9.30 (9.88)	11.55 (10.99)	0.00 (0.00)	2.67 (3.22)	5.94 (6.02)	11.00 (12.77)	98.00 (62.14)
ain	NORMALIZEDDIP ^{left}	145	0.55 (0.80)	0.50 (2.30)	0.00 (0.00)	0.21 (0.25)	0.42 (0.47)	0.75 (0.80)	3.40 (27.61)
ain	INNERWIDTH ^{left}	145	57.52 (66.95)	32.88 (36.26)	0.00 (0.00)	30.00 (46.40)	60.00 (57.95)	90.00 (79.80)	180.00 (194.90)
ain	INNERBANDWIDTH ^{left} _{75 %}	145	36.00 (25.52)	14.83 (15.28)	0.00 (0.00)	30.00 (17.05)	30.00 (22.25)	30.00 (29.67)	90.00 (102.10)
ain	KURTOSIS ^{left}	145	-0.88 (-0.85)	0.68 (0.69)	-1.99 (-1.92)	-1.39 (-1.34)	-1.06 (-1.01)	-0.51 (-0.64)	1.95 (1.88)
ain	MAXIMUM ^{left}	145	22.33 (21.98)	26.84 (26.92)	0.50 (0.03)	6.40 (5.72)	12.22 (11.84)	28.00 (27.63)	141.25 (150.08)
ain	MAXIMUMANGLE ^{left}	145	120.00 (117.13)	33.54 (36.59)	60.00 (45.00)	90.00 (93.88)	120.00 (117.15)	150.00 (143.05)	210.00 (190.40)
ain	NORMALIZEDMAXIMUM ^{left}	145	0.99 (1.20)	0.58 (2.16)	0.09 (0.01)	0.65 (0.66)	0.87 (0.91)	1.20 (1.25)	4.80 (26.07)
ain	OUTERWIDTH ^{left}	145	124.34 (117.45)	61.03 (52.19)	30.00 (21.90)	90.00 (70.85)	120.00 (116.40)	150.00 (148.25)	330.00 (338.60)
ain	OUTERBANDWIDTH ^{left} _{75 %}	145	38.07 (30.81)	16.30 (27.36)	30.00 (8.10)	30.00 (19.02)	30.00 (24.05)	30.00 (33.60)	90.00 (265.70)
ain	PEAKTOPEAK ^{left}	145	16.25 (16.14)	19.11 (18.93)	0.50 (0.13)	4.90 (4.49)	10.00 (10.06)	21.10 (21.51)	135.00 (104.42)
ain	NORMALIZEDPEAKTOPEAK ^{left}	145	0.79 (1.01)	0.57 (2.30)	0.07 (0.05)	0.44 (0.44)	0.64 (0.69)	0.96 (1.03)	4.58 (27.62)
ain	WIDTH ^{left}	145	181.86 (184.40)	71.52 (62.10)	60.00 (60.40)	150.00 (144.53)	180.00 (180.60)	210.00 (220.02)	450.00 (416.00)
ain	MAXANGLEDIST	145	124.97 (132.78)	42.28 (44.84)	30.00 (41.50)	90.00 (100.78)	120.00 (119.90)	150.00 (166.10)	240.00 (270.00)
ain	MINUSLEFTSKEWNESS	145	-0.19 (0.02)	0.63 (0.64)	-1.95 (-1.57)	-0.59 (-0.41)	-0.14 (0.04)	0.22 (0.50)	1.30 (1.57)
ain	OUTERMINIMUMANGLE	146	128.84 (159.96)	134.26 (145.39)	0.00 (0.40)	30.00 (25.68)	60.00 (74.60)	300.00 (321.70)	330.00 (357.50)
ain	PEAKTOPEAK	146	20.48 (20.34)	22.04 (22.60)	1.46 (0.33)	6.60 (5.29)	12.50 (12.58)	26.30 (26.61)	135.00 (119.88)
ain	NORMALIZEDPEAKTOPEAK	146	1.05 (1.34)	0.72 (2.80)	0.25 (0.22)	0.62 (0.60)	0.85 (0.87)	1.30 (1.35)	4.58 (33.05)
ain	BANDWIDTH ^{right} _{75 %}	146	81.78 (62.54)	33.34 (41.07)	30.00 (7.30)	60.00 (39.50)	60.00 (50.40)	90.00 (71.95)	270.00 (274.30)
ain	Δ WIDTH ^{right}	146	62.88 (58.74)	71.63 (64.35)	-90.00 (-83.60)	0.00 (8.53)	60.00 (62.40)	120.00 (96.83)	240.00 (239.00)
ain	DIP ^{right}	145	10.59 (11.05)	12.49 (13.63)	0.00 (0.00)	3.80 (3.32)	6.80 (6.56)	12.00 (13.65)	95.50 (104.98)
ain	NORMALIZEDDIP ^{right}	145	0.63 (0.94)	0.62 (2.80)	0.00 (0.00)	0.26 (0.28)	0.49 (0.53)	0.82 (0.85)	4.35 (33.04)
ain	INNERWIDTH ^{right}	146	67.60 (65.83)	35.38 (31.11)	0.00 (0.00)	30.00 (48.65)	60.00 (61.55)	90.00 (75.90)	150.00 (141.60)
ain	INNERBANDWIDTH ^{right} _{75 %}	146	36.99 (25.71)	16.54 (15.61)	0.00 (0.00)	30.00 (17.65)	30.00 (22.10)	30.00 (31.48)	120.00 (85.20)
ain	KURTOSIS ^{right}	146	-0.87 (-0.83)	0.76 (0.81)	-1.92 (-1.93)	-1.46 (-1.40)	-1.02 (-0.99)	-0.67 (-0.56)	2.71 (2.76)
ain	MAXIMUM ^{right}	146	23.48 (23.16)	27.41 (28.07)	0.75 (0.45)	6.71 (5.29)	13.50 (12.80)	30.00 (30.68)	150.57 (151.46)
ain	MAXIMUMANGLE ^{right}	146	244.93 (249.91)	32.87 (33.51)	150.00 (160.30)	240.00 (228.45)	240.00 (247.10)	270.00 (271.52)	300.00 (315.00)
ain	NORMALIZEDMAXIMUM ^{right}	146	1.08 (1.34)	0.66 (2.66)	0.21 (0.21)	0.68 (0.65)	0.90 (0.96)	1.30 (1.36)	4.53 (31.50)
ain	OUTERWIDTH ^{right}	146	130.48 (124.57)	61.39 (56.50)	30.00 (42.30)	90.00 (79.45)	120.00 (125.40)	172.50 (150.97)	300.00 (333.60)
ain	OUTERBANDWIDTH ^{right} _{75 %}	146	44.79 (36.83)	30.15 (37.52)	30.00 (7.30)	30.00 (19.70)	30.00 (24.95)	60.00 (40.25)	240.00 (267.50)
ain	PEAKTOPEAK ^{right}	146	17.44 (17.32)	19.47 (20.74)	0.33 (0.33)	4.95 (4.36)	10.00 (9.96)	21.18 (21.35)	108.90 (119.88)
ain	NORMALIZEDPEAKTOPEAK ^{right}	146	0.87 (1.15)	0.65 (2.80)	0.12 (0.03)	0.49 (0.48)	0.70 (0.72)	1.08 (1.07)	4.53 (33.05)
ain	SKEWNESS ^{right}	146	0.23 (-0.01)	0.67 (0.69)	-1.36 (-1.83)	-0.25 (-0.42)	0.26 (0.01)	0.68 (0.43)	2.02 (1.59)
ain	WIDTH ^{right}	146	198.08 (190.40)	70.07 (64.65)	60.00 (43.60)	150.00 (145.80)	180.00 (183.60)	240.00 (235.32)	450.00 (435.50)
ain	TC SYMMETRY INDEX	146	0.39 (6.79)	0.12 (2.53)	0.11 (0.93)	0.31 (5.10)	0.40 (6.78)	0.48 (8.42)	0.72 (15.02)
uni	CIRCULAR VARIANCE	146	0.59 (0.57)	0.21 (0.21)	0.13 (0.10)	0.42 (0.41)	0.62 (0.59)	0.74 (0.73)	0.99 (0.98)
uni	GLOBAL MAXIMUM	146	24.40 (23.88)	27.07 (27.18)	1.04 (0.89)	6.95 (6.90)	14.19 (15.01)	30.35 (29.16)	157.22 (156.52)
uni	GLOBAL MAXIMUM ANGLE	146	233.42 (241.27)	35.84 (48.46)	0.00 (42.80)	240.00 (230.75)	240.00 (244.10)	240.00 (255.23)	240.00 (358.80)
uni	NORMALIZED GLOBAL MAXIMUM	146	1.00 (1.00)	0.00 (0.00)	1.00 (1.00)	1.00 (1.00)	1.00 (1.00)	1.00 (1.00)	1.00 (1.00)
uni	GLOBAL MINIMUM	146	5.08 (5.07)	8.24 (8.50)	0.00 (-10.71)	0.56 (0.52)	1.96 (1.86)	5.42 (5.55)	52.93 (50.08)
uni	GLOBAL MINIMUM ANGLE	146	58.56 (53.81)	72.92 (69.54)	-60.00 (-80.30)	0.00 (0.00)	60.00 (52.10)	120.00 (98.80)	210.00 (239.80)
uni	NORMALIZED GLOBAL MINIMUM	146	0.20 (0.21)	0.16 (0.19)	0.00 (-0.46)	0.07 (0.05)	0.16 (0.17)	0.30 (0.34)	0.69 (0.70)
uni	PEAK TO PEAK	146	19.32 (18.80)	22.83 (23.20)	0.74 (0.66)	5.35 (5.84)	11.50 (11.16)	25.37 (23.71)	150.56 (150.27)

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Table 7 – Continued from previous page

		count	mean	std	min	25%	50%	75%	max
uni	NORMALIZEDPEAKTOPEAK	146	0.80 (0.79)	0.16 (0.19)	0.31 (0.30)	0.70 (0.66)	0.84 (0.83)	0.93 (0.95)	1.00 (1.46)
uni	BANDWIDTH ^{right} _{75%}	146	84.66 (68.48)	29.41 (36.56)	60.00 (18.60)	60.00 (45.03)	90.00 (60.90)	90.00 (80.15)	210.00 (199.40)
uni	Δ WIDTH ^{right}	146	-2.88 (-21.02)	145.84 (134.70)	-240.00 (-262.00)	-120.00 (-100.95)	0.00 (-25.20)	120.00 (57.45)	300.00 (264.00)
uni	INNERWIDTH ^{right}	146	181.44 (190.51)	72.92 (67.35)	30.00 (48.00)	120.00 (151.27)	180.00 (192.60)	240.00 (230.47)	300.00 (311.00)
uni	INNERBANDWIDTH ^{right} _{75%}	146	40.68 (33.93)	17.17 (21.25)	30.00 (9.30)	30.00 (22.53)	30.00 (29.50)	60.00 (37.58)	120.00 (159.60)
uni	KURTOSIS ^{right}	146	-0.55 (-0.21)	0.96 (1.99)	-1.69 (-1.93)	-1.19 (-1.19)	-0.83 (-0.85)	-0.24 (-0.18)	4.06 (6.66)
uni	MAXIMUM ^{right}	146	24.39 (23.77)	27.07 (27.23)	1.04 (0.83)	6.95 (6.87)	14.19 (15.01)	30.35 (29.16)	157.22 (156.52)
uni	MAXIMUMANGLE ^{right}	146	240.00 (244.32)	0.00 (21.77)	240.00 (180.00)	240.00 (232.03)	240.00 (244.35)	240.00 (254.88)	240.00 (300.00)
uni	NORMALIZEDMAXIMUM ^{right}	146	1.00 (0.98)	0.00 (0.07)	0.96 (0.41)	1.00 (1.00)	1.00 (1.00)	1.00 (1.00)	1.00 (1.00)
uni	OUTERWIDTH ^{right}	146	178.56 (169.49)	72.92 (67.35)	60.00 (49.00)	120.00 (129.53)	180.00 (167.40)	240.00 (208.73)	330.00 (312.00)
uni	OUTERBANDWIDTH ^{right} _{75%}	146	43.97 (34.54)	21.77 (23.09)	30.00 (6.30)	30.00 (22.07)	30.00 (28.45)	60.00 (38.03)	150.00 (157.00)
uni	PEAKTOPEAK ^{right}	146	19.31 (18.70)	22.83 (23.23)	0.74 (0.25)	5.35 (5.60)	11.50 (11.09)	25.37 (23.71)	150.56 (150.27)
uni	NORMALIZEDPEAKTOPEAK ^{right}	146	0.80 (0.78)	0.17 (0.19)	0.31 (0.14)	0.69 (0.65)	0.84 (0.83)	0.93 (0.93)	1.00 (1.34)
uni	SKEWNESS ^{right}	146	0.53 (0.61)	0.57 (0.81)	-1.00 (-1.15)	0.14 (0.04)	0.55 (0.51)	0.91 (0.94)	2.17 (2.80)
uni	WIDTH ^{right}	146	360.00 (360.00)	0.00 (0.00)	360.00 (360.00)	360.00 (360.00)	360.00 (360.00)	360.00 (360.00)	360.00 (360.00)
uni vs afix	Δ GLOBALMINIMUM	145	-0.10 (0.14)	5.42 (4.72)	-19.30 (-8.55)	-1.89 (-1.60)	-0.39 (-0.65)	1.00 (0.19)	30.00 (17.11)
uni vs afix	NORMALIZED Δ GLOBALMINIMUM	145	-0.03 (-0.06)	0.24 (0.18)	-0.43 (-0.51)	-0.15 (-0.15)	-0.02 (-0.08)	0.07 (0.01)	2.00 (0.48)
uni vs afix	Δ RIGHTMAXIMUM	144	-5.58 (-7.15)	14.20 (17.87)	-59.22 (-55.90)	-8.64 (-8.68)	-2.59 (-1.66)	1.22 (1.21)	41.92 (31.60)
uni vs afix	NORMALIZED Δ RIGHTMAXIMUM	144	-0.06 (-0.03)	0.76 (0.74)	-0.93 (-0.90)	-0.47 (-0.50)	-0.22 (-0.22)	0.12 (0.23)	6.07 (3.20)
uni vs ain	Δ GLOBALMINIMUM	146	0.96 (1.53)	6.04 (6.52)	-14.83 (-6.99)	-1.12 (-1.08)	0.00 (-0.09)	0.89 (1.07)	41.39 (28.01)
uni vs ain	NORMALIZED Δ GLOBALMINIMUM	146	0.00 (0.02)	0.16 (0.20)	-0.35 (-0.32)	-0.08 (-0.09)	0.00 (-0.01)	0.08 (0.12)	0.60 (0.61)
uni vs ain	Δ RIGHTMAXIMUM	146	-0.91 (0.23)	15.75 (16.33)	-49.44 (-33.66)	-6.11 (-6.67)	-0.71 (-0.22)	2.93 (4.81)	76.94 (58.96)
uni vs ain	NORMALIZED Δ RIGHTMAXIMUM	146	0.08 (0.13)	0.66 (0.72)	-0.79 (-0.63)	-0.32 (-0.29)	-0.10 (-0.03)	0.30 (0.37)	3.53 (3.85)