

Aguida Multimodal Analyzer

Participant ID 20240503 Report

Pre-Test Data

Respondent ID 114605119727.0 Scores:

Confidence: 1.00 on 5

Nervousness: nan on 4

WtC: nan on 3

Post-Test Data

Respondent ID 114605134942.0 Scores:

Confidence: nan on 5

Nervousness: nan on 4

WtC: nan on 3

System Choice Data

Participant ID: 20240503

First test strategy used: AB

Duration of first test: 0:24:00

Second test strategy used: CS

Duration of second test: 0:16:00

Wear Glasses: No

Education Level: B1

Language Proficiency: 500-750

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Preferred System: CS

HR Test 1 Data

Average Heart Rate: 86.41

Standard Deviation: 4.80

Maximum Heart Rate: 101.00

Minimum Heart Rate: 77.00

Median Heart Rate: 86.00

1st Quartile (Q1): 83.00

3rd Quartile (Q3): 89.00

Range: 24.00

Interquartile Range (IQR): 6.00

Total Duration (records): 944

Count of Records: 944

Variance: 23.06

Skewness: 0.65

Kurtosis: 0.07

Mode: 87

95% Confidence Interval: (86.10, 86.72)

HR Test 2 Data

Average Heart Rate: 79.35

Standard Deviation: 4.15

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Maximum Heart Rate: 92.00

Minimum Heart Rate: 71.00

Median Heart Rate: 79.00

1st Quartile (Q1): 77.00

3rd Quartile (Q3): 82.00

Range: 21.00

Interquartile Range (IQR): 5.00

Total Duration (records): 272

Count of Records: 272

Variance: 17.23

Skewness: 0.64

Kurtosis: 0.36

Mode: 78

95% Confidence Interval: (78.86, 79.85)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	86.41	79.35
Standard Deviation	4.80	4.15
Maximum Heart Rate	101.00	92.00
Minimum Heart Rate	77.00	71.00
Median Heart Rate	86.00	79.00
1st Quartile (Q1)	83.00	77.00
3rd Quartile (Q3)	89.00	82.00

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Range	24.00	21.00
Interquartile Range (IQR)	6.00	5.00
Total Duration (records)	944	272
Count of Records	944	272
Variance	23.06	17.23
Skewness	0.65	0.64
Kurtosis	0.07	0.36
Mode	87	78
95% Confidence Interval	(86.10, 86.72)	(78.86, 79.85)

Dialog Test 1 Data

Category Counts:

Category

Peter Utterance 51

User Utterance 37

Utterance Counts:

Utterance

I can understand how you feel... 22

Take it easy 7

Awesome! 7

(Come on, you can do it...) 6

i want orange juice 3

3

My pleasure. 3

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Here you are!	2	
Just a moment please...	2	
no	1	
in them	1	
i want to drink orange juice and i want to eat potato please i want to order potato	1	
potato please	1	
i want to drink orange juice and i want to put a do so i want to order them	1	
thank you	1	
i want to eat salad	1	
i went to eat salad so praise blame game	1	
i want to it's hello	1	
oh range juice place	1	
he's gone	1	
and yes okay i one orange juice police	1	
orange juice	1	
salad	1	
i want to drink orange juice and i want to eat potato please	1	
i won orange juice please	1	
orange juice and they take place	1	
can i owed it now	1	
oh range choose police	1	
Great!	1	
i won beef steak potatoes an orange juice	1	
okay i one face take potato an orange juice please	1	
can order some free	1	

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i want to for it	1	
maybe i want to make reservation for your is trying		1
what what i can do now	1	
hi ginger now no that way	1	
okay thank you	1	
yeah thank you	1	
Let see... Would you like smoking or non smoking table?		1
salad please thanks	1	

Strategy Counts:

Strategy

AB 88

Confidence Stats:

count 88.0

mean 0.0

std 0.0

min 0.0

25% 0.0

50% 0.0

75% 0.0

max 0.0

Dialog Test 2 Data

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Category Counts:

Category

Peter Utterance 13

User Utterance 10

Utterance Counts:

Utterance

thank you	2	
My pleasure!	2	
	1	
I've got it. Thank you for your order.	1	
Oh really? I'm very glad to hear that.	1	
yes i do	1	
Did you enjoy?	1	
Excuse me, here is your bill...	1	
Oh, you are already leaving? Ok, just a moment please...		1
after eating how can i pay money	1	
Here you are. Enjoy your meal!	1	
i want to eat beef steak and potato	1	
no i don't have a reservation	1	
Sure. What about food?	1	
blaze orange juice	1	
And this is the menu. Please call me when you are ready to order.		1
Alright! Let me guide you to your table then.	1	
place non smoking table	1	

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Let see... Would you like smoking or non smoking table? 1

Thank you for coming today and hope to see you soon. 1

Strategy Counts:

Strategy

CS 23

Confidence Stats:

count 23.0

mean 0.0

std 0.0

min 0.0

25% 0.0

50% 0.0

75% 0.0

max 0.0

Dialogs Comparison Data

Metric	Test 1	Test 2
Category Count: User Utterance	37	10
Category Count: Peter Utterance	51	13
Utterance Count: in them	1	0
Utterance Count: i want to eat beef steak and potato	0	1
Utterance Count: hi ginger now no that way	1	0

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Utterance Count: oh range juice place	1	0
Utterance Count: salad please thanks	1	0
Utterance Count: oh range choose police	1	0
Utterance Count: I can understand how you feel...	22	0
Utterance Count: Thank you for coming today and hope to see you soon.	1	1
Utterance Count: yeah thank you	1	0
Utterance Count: i want to drink orange juice and i want to put a do so i want to order them	1	0
Utterance Count: and yes okay i one orange juice police	1	0
Utterance Count: i won beef steak potatoes an orange juice	1	0
Utterance Count: i want to for it	1	0
Utterance Count: Oh really? I'm very glad to hear that.	0	1
Utterance Count: My pleasure.	3	0
Utterance Count: no i don't have a reservation	0	1
Utterance Count: orange juice and they take place	1	0
Utterance Count: i want to drink orange juice and i want to eat potato please	1	0
Utterance Count: (Come on, you can do it...)	6	0
Utterance Count: Awesome!	7	0
Utterance Count: yes i do	0	1
Utterance Count: Excuse me, here is your bill...	0	1
Utterance Count: can i owed it now	1	0
Utterance Count: maybe i want to make reservation for your is trying	1	0
Utterance Count: My pleasure!	0	2
Utterance Count: Alright! Let me guide you to your table then.	1	1
Utterance Count: Here you are!	2	0
Utterance Count: Oh, you are already leaving? Ok, just a moment please...	1	1

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Utterance Count: Did you enjoy?	0	1
: Let see... Would you like smoking or non smoking table?		1
Utterance Count: Just a moment please...	2	0
rink orange juice and i want to eat potato please if want to order potato		0
Utterance Count: Take it easy	7	0
unt: okay i one face take potato an orange juice please		0
ance Count: after eating how can i pay money	0	1
Utterance Count: potato please	1	0
nce Count: I've got it. Thank you for your order.	0	1
Utterance Count: i won orange juice please	1	0
Utterance Count: what what i can do now	1	0
Utterance Count: blaze orange juice	0	1
Utterance Count: orange juice	1	0
Utterance Count: Great!	1	0
Utterance Count: i want to eat salad	1	0
Utterance Count: okay thank you	1	0
Utterance Count: Sure. What about food?	0	1
d this is the menu. Please call me when you are ready to order.		1
Utterance Count: i want to it's hello	1	0
Utterance Count: he's gone	1	0
Utterance Count:	3	1
Utterance Count: place non smoking table	0	1
Utterance Count: i want orange juice	3	0
Utterance Count: no	1	0
Utterance Count: can order some free	1	0

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Utterance Count: i went to eat salad so praise blame game	0	
Utterance Count: Here you are. Enjoy your meal!	0	1
Utterance Count: thank you	1	2
Utterance Count: salad	1	0

Tobii Test 1 Data

Average Pupil Diameter: 3.69

Standard Deviation of Pupil Diameter: 0.42

Maximum Pupil Diameter: 5.60

Minimum Pupil Diameter: 1.53

Median Pupil Diameter: 3.65

Range of Pupil Diameter: 4.07

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.48

Average Left Eye Y Coordinate: 0.70

Standard Deviation of Left Eye X Coordinate: 0.15

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Standard Deviation of Left Eye Y Coordinate: 0.18

Average Right Eye X Coordinate: 0.49

Average Right Eye Y Coordinate: 0.69

Standard Deviation of Right Eye X Coordinate: 0.15

Standard Deviation of Right Eye Y Coordinate: 0.19

Tobii Test 2 Data

Average Pupil Diameter: 3.65

Standard Deviation of Pupil Diameter: 0.26

Maximum Pupil Diameter: 4.27

Minimum Pupil Diameter: 1.72

Median Pupil Diameter: 3.70

Range of Pupil Diameter: 2.55

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.47

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Average Left Eye Y Coordinate: 0.71

Standard Deviation of Left Eye X Coordinate: 0.18

Standard Deviation of Left Eye Y Coordinate: 0.30

Average Right Eye X Coordinate: 0.48

Average Right Eye Y Coordinate: 0.70

Standard Deviation of Right Eye X Coordinate: 0.18

Standard Deviation of Right Eye Y Coordinate: 0.30

Tobiis Comparison Data

Metric	Test 1	Test 2
Average Pupil Diameter	3.69	3.65
Standard Deviation of Pupil Diameter	0.42	0.26
Maximum Pupil Diameter	5.60	4.27
Minimum Pupil Diameter	1.53	1.72
Median Pupil Diameter	3.65	3.70
Range of Pupil Diameter	4.07	2.55
Average Head Position	nan	nan
Standard Deviation of Head Position	nan	nan
Maximum Head Position	nan	nan
Minimum Head Position	nan	nan
Range of Head Position	nan	nan
Average Head Rotation	nan	nan
Standard Deviation of Head Rotation	nan	nan
Maximum Head Rotation	nan	nan

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Minimum Head Rotation	nan	nan
Range of Head Rotation	nan	nan
Average Left Eye X Coordinate	0.48	0.47
Average Left Eye Y Coordinate	0.70	0.71
Standard Deviation of Left Eye X Coordinate	0.15	0.18
Standard Deviation of Left Eye Y Coordinate	0.18	0.30
Average Right Eye X Coordinate	0.49	0.48
Average Right Eye Y Coordinate	0.69	0.70
Standard Deviation of Right Eye X Coordinate	0.15	0.18
Standard Deviation of Right Eye Y Coordinate	0.19	0.30

OpenFace Test 1 Data

Average AU01_r: 0.198573673870334

Standard Deviation AU01_r: 0.31251477304355624

Maximum AU01_r: 2.84

Minimum AU01_r: 0.0

Median AU01_r: 0.04

Range AU01_r: 2.84

Skewness AU01_r: 2.6572565346392554

Kurtosis AU01_r: 11.283026065074768

Variance AU01_r: 0.09766548337046546

Coefficient of Variation AU01_r: 1.5737976084766618

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.3

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IQR AU01_r: 0.3

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.63

Mean Absolute Deviation AU01_r: 0.22611583558809797

Harmonic Mean AU01_r: 0.08730247555135624

Geometric Mean AU01_r: 0.20045197132335327

Count AU01_r: 5090

Sum AU01_r: 1010.7400000000001

95% Confidence Interval AU01_r: (0.18998624691495813, 0.20716110082570988)

Average AU02_r: 0.12775638506876227

Standard Deviation AU02_r: 0.2873330174271819

Maximum AU02_r: 2.41

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 2.41

Skewness AU02_r: 3.477221667013717

Kurtosis AU02_r: 14.601205129074728

Variance AU02_r: 0.08256026290380925

Coefficient of Variation AU02_r: 2.249069721818841

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.11

IQR AU02_r: 0.11

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.41

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Mean Absolute Deviation AU02_r: 0.1757543316568949

Harmonic Mean AU02_r: 0.06987618992379174

Geometric Mean AU02_r: 0.15980564685734422

Count AU02_r: 5090

Sum AU02_r: 650.28

95% Confidence Interval AU02_r: (0.11986091416032056, 0.13565185597720397)

Average AU04_r: 0.09180550098231828

Standard Deviation AU04_r: 0.3346441954682847

Maximum AU04_r: 3.14

Minimum AU04_r: 0.0

Median AU04_r: 0.0

Range AU04_r: 3.14

Skewness AU04_r: 5.5457568390569945

Kurtosis AU04_r: 35.32033998424666

Variance AU04_r: 0.11198673756061554

Coefficient of Variation AU04_r: 3.6451431764719318

Mode AU04_r: 0.0

1st Quartile (Q1) AU04_r: 0.0

3rd Quartile (Q3) AU04_r: 0.0

IQR AU04_r: 0.0

10th Percentile AU04_r: 0.0

90th Percentile AU04_r: 0.19

Mean Absolute Deviation AU04_r: 0.15012356907685245

Harmonic Mean AU04_r: 0.0516604547404076

Geometric Mean AU04_r: 0.13878253874361826

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Count AU04_r: 5090

Sum AU04_r: 467.29000000000001

95% Confidence Interval AU04_r: (0.08260999141764278, 0.10100101054699379)

Average AU05_r: 0.06838703339882123

Standard Deviation AU05_r: 0.15536204937869993

Maximum AU05_r: 1.51

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.51

Skewness AU05_r: 3.5313979419002957

Kurtosis AU05_r: 15.778141982664891

Variance AU05_r: 0.0241373663871496

Coefficient of Variation AU05_r: 2.2718056575528816

Mode AU05_r: 0.0

1st Quartile (Q1) AU05_r: 0.0

3rd Quartile (Q3) AU05_r: 0.06

IQR AU05_r: 0.06

10th Percentile AU05_r: 0.0

90th Percentile AU05_r: 0.24

Mean Absolute Deviation AU05_r: 0.09654670701440862

Harmonic Mean AU05_r: 0.056421266669163174

Geometric Mean AU05_r: 0.11281321674502295

Count AU05_r: 5090

Sum AU05_r: 348.09000000000003

95% Confidence Interval AU05_r: (0.06411792241349466, 0.07265614438414779)

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Average AU06_r: 1.1039803536345776

Standard Deviation AU06_r: 0.7150979878680751

Maximum AU06_r: 3.39

Minimum AU06_r: 0.0

Median AU06_r: 1.15

Range AU06_r: 3.39

Skewness AU06_r: 0.023968187129959528

Kurtosis AU06_r: -0.8623373315173408

Variance AU06_r: 0.5113651322529698

Coefficient of Variation AU06_r: 0.6477452116913085

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.57

3rd Quartile (Q3) AU06_r: 1.64

IQR AU06_r: 1.0699999999999998

10th Percentile AU06_r: 0.0

90th Percentile AU06_r: 2.04

Mean Absolute Deviation AU06_r: 0.5993193279321911

Harmonic Mean AU06_r: 0.4618232849966277

Geometric Mean AU06_r: 0.9916324318489242

Count AU06_r: 5090

Sum AU06_r: 5619.26

95% Confidence Interval AU06_r: (1.084330556996332, 1.1236301502728232)

Average AU07_r: 1.725510805500982

Standard Deviation AU07_r: 0.7076000584932576

Maximum AU07_r: 3.9

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Minimum AU07_r: 0.0

Median AU07_r: 1.77

Range AU07_r: 3.9

Skewness AU07_r: -0.30544851117311994

Kurtosis AU07_r: -0.14530912927488338

Variance AU07_r: 0.5006978427796616

Coefficient of Variation AU07_r: 0.4100814994825918

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 1.27

3rd Quartile (Q3) AU07_r: 2.22

IQR AU07_r: 0.95000000000000002

10th Percentile AU07_r: 0.79

90th Percentile AU07_r: 2.61

Mean Absolute Deviation AU07_r: 0.5656705933665533

Harmonic Mean AU07_r: 1.2004355978721684

Geometric Mean AU07_r: 1.606237720134221

Count AU07_r: 5090

Sum AU07_r: 8782.849999999999

95% Confidence Interval AU07_r: (1.7060670404694849, 1.7449545705324792)

Average AU09_r: 0.07090373280943026

Standard Deviation AU09_r: 0.12578903481245202

Maximum AU09_r: 0.88

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 0.88

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Skewness AU09_r: 2.191681794186449

Kurtosis AU09_r: 5.033178867470907

Variance AU09_r: 0.015822881279048264

Coefficient of Variation AU09_r: 1.7740819816995865

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.1

IQR AU09_r: 0.1

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.26

Mean Absolute Deviation AU09_r: 0.09220595875421202

Harmonic Mean AU09_r: 0.06110394131441717

Geometric Mean AU09_r: 0.11466073998971064

Count AU09_r: 5090

Sum AU09_r: 360.9

95% Confidence Interval AU09_r: (0.06744724293626637, 0.07436022268259414)

Average AU10_r: 0.41039882121807464

Standard Deviation AU10_r: 0.4934561543850048

Maximum AU10_r: 2.69

Minimum AU10_r: 0.0

Median AU10_r: 0.23

Range AU10_r: 2.69

Skewness AU10_r: 1.5687558566778421

Kurtosis AU10_r: 2.3533814813529306

Variance AU10_r: 0.24349897630043768

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Coefficient of Variation AU10_r: 1.20238199739564

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.01

3rd Quartile (Q3) AU10_r: 0.64

IQR AU10_r: 0.63

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 1.12

Mean Absolute Deviation AU10_r: 0.3822768462372771

Harmonic Mean AU10_r: 0.1284296159062484

Geometric Mean AU10_r: 0.31831945605896594

Count AU10_r: 5090

Sum AU10_r: 2088.93

95% Confidence Interval AU10_r: (0.3968394024418259, 0.42395823999432336)

Average AU12_r: 0.3632062868369352

Standard Deviation AU12_r: 0.3932015787212784

Maximum AU12_r: 2.04

Minimum AU12_r: 0.0

Median AU12_r: 0.23

Range AU12_r: 2.04

Skewness AU12_r: 1.1853019874966744

Kurtosis AU12_r: 0.8584488404438093

Variance AU12_r: 0.15460748150890571

Coefficient of Variation AU12_r: 1.082584726562869

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.02

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3rd Quartile (Q3) AU12_r: 0.6

IQR AU12_r: 0.58

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.96

Mean Absolute Deviation AU12_r: 0.3192390796700646

Harmonic Mean AU12_r: 0.11886144177725817

Geometric Mean AU12_r: 0.2822989155040136

Count AU12_r: 5090

Sum AU12_r: 1848.72

95% Confidence Interval AU12_r: (0.3524017101344545, 0.37401086353941587)

Average AU14_r: 0.10277406679764244

Standard Deviation AU14_r: 0.23910417330948047

Maximum AU14_r: 2.53

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 2.53

Skewness AU14_r: 3.471913340502621

Kurtosis AU14_r: 14.963055631826233

Variance AU14_r: 0.05717080569401007

Coefficient of Variation AU14_r: 2.3265029862082423

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.08

IQR AU14_r: 0.08

10th Percentile AU14_r: 0.0

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90th Percentile AU14_r: 0.36

Mean Absolute Deviation AU14_r: 0.1476991257560377

Harmonic Mean AU14_r: 0.0766135093945903

Geometric Mean AU14_r: 0.16746473908925524

Count AU14_r: 5090

Sum AU14_r: 523.12

95% Confidence Interval AU14_r: (0.09620385060266429, 0.10934428299262058)

Average AU15_r: 0.3391159135559922

Standard Deviation AU15_r: 0.5091746239972449

Maximum AU15_r: 4.31

Minimum AU15_r: 0.0

Median AU15_r: 0.07

Range AU15_r: 4.31

Skewness AU15_r: 1.9912116439897651

Kurtosis AU15_r: 4.838077453600931

Variance AU15_r: 0.2592587977227357

Coefficient of Variation AU15_r: 1.501476644543176

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.54

IQR AU15_r: 0.54

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 1.09

Mean Absolute Deviation AU15_r: 0.38630970237107315

Harmonic Mean AU15_r: 0.14289447392566657

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Geometric Mean AU15_r: 0.3552722617149323

Count AU15_r: 5090

Sum AU15_r: 1726.1000000000001

95% Confidence Interval AU15_r: (0.3251245753273258, 0.35310725178465857)

Average AU17_r: 0.7378939096267191

Standard Deviation AU17_r: 0.6950056826681983

Maximum AU17_r: 4.36

Minimum AU17_r: 0.0

Median AU17_r: 0.59

Range AU17_r: 4.36

Skewness AU17_r: 1.3778018507568355

Kurtosis AU17_r: 2.3250914261306024

Variance AU17_r: 0.48303289894108836

Coefficient of Variation AU17_r: 0.9418775159965519

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.19

3rd Quartile (Q3) AU17_r: 1.04

IQR AU17_r: 0.8500000000000001

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 1.7

Mean Absolute Deviation AU17_r: 0.5332652861460315

Harmonic Mean AU17_r: 0.22896204952909147

Geometric Mean AU17_r: 0.549931369759816

Count AU17_r: 5090

Sum AU17_r: 3755.88

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95% Confidence Interval AU17_r: (0.7187962187388311, 0.756991600514607)

Average AU20_r: 0.16361100196463654

Standard Deviation AU20_r: 0.28551588751720575

Maximum AU20_r: 2.19

Minimum AU20_r: 0.0

Median AU20_r: 0.0

Range AU20_r: 2.19

Skewness AU20_r: 2.3227329563067274

Kurtosis AU20_r: 5.725590185486343

Variance AU20_r: 0.08151932202473768

Coefficient of Variation AU20_r: 1.7450897805693908

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.21

IQR AU20_r: 0.21

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.56

Mean Absolute Deviation AU20_r: 0.2031060432837607

Harmonic Mean AU20_r: 0.07876675267504643

Geometric Mean AU20_r: 0.18395854838757722

Count AU20_r: 5090

Sum AU20_r: 832.78

95% Confidence Interval AU20_r: (0.1557654630009102, 0.17145654092836288)

Average AU23_r: 0.1609449901768173

Standard Deviation AU23_r: 0.289251598859825

Aguida Multimodal Analyzer

Maximum AU23_r: 1.93

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 1.93

Skewness AU23_r: 2.3260850555378823

Kurtosis AU23_r: 5.685471513492402

Variance AU23_r: 0.08366648744296512

Coefficient of Variation AU23_r: 1.797207844382404

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.21

IQR AU23_r: 0.21

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.55

Mean Absolute Deviation AU23_r: 0.20801296428530072

Harmonic Mean AU23_r: 0.0802526626251851

Geometric Mean AU23_r: 0.201058891306181

Count AU23_r: 5090

Sum AU23_r: 819.21

95% Confidence Interval AU23_r: (0.1529967995913174, 0.16889318076231719)

Average AU25_r: 0.7304047151277014

Standard Deviation AU25_r: 0.6566776520249933

Maximum AU25_r: 3.14

Minimum AU25_r: 0.0

Median AU25_r: 0.65

Aguida Multimodal Analyzer

Range AU25_r: 3.14

Skewness AU25_r: 0.5574519534094706

Kurtosis AU25_r: -0.6124258816037478

Variance AU25_r: 0.43122553866905816

Coefficient of Variation AU25_r: 0.8990599847239239

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.04

3rd Quartile (Q3) AU25_r: 1.22

IQR AU25_r: 1.18

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.64

Mean Absolute Deviation AU25_r: 0.5622093708145329

Harmonic Mean AU25_r: 0.29293770977715616

Geometric Mean AU25_r: 0.690054981475454

Count AU25_r: 5090

Sum AU25_r: 3717.76

95% Confidence Interval AU25_r: (0.7123602197744965, 0.7484492104809064)

Average AU26_r: 0.5844754420432219

Standard Deviation AU26_r: 0.6169538391010306

Maximum AU26_r: 4.34

Minimum AU26_r: 0.0

Median AU26_r: 0.44

Range AU26_r: 4.34

Skewness AU26_r: 1.7843828682102405

Kurtosis AU26_r: 4.996274334460703

Aguida Multimodal Analyzer

Variance AU26_r: 0.3806320395815003

Coefficient of Variation AU26_r: 1.055568454585996

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.07

3rd Quartile (Q3) AU26_r: 0.9

IQR AU26_r: 0.8300000000000001

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.32

Mean Absolute Deviation AU26_r: 0.4666960989034317

Harmonic Mean AU26_r: 0.21219500222845103

Geometric Mean AU26_r: 0.4913298912146196

Count AU26_r: 5090

Sum AU26_r: 2974.9799999999996

95% Confidence Interval AU26_r: (0.567522496182386, 0.6014283879040577)

Average AU45_r: 0.18823968565815327

Standard Deviation AU45_r: 0.30452493293268634

Maximum AU45_r: 2.52

Minimum AU45_r: 0.0

Median AU45_r: 0.07

Range AU45_r: 2.52

Skewness AU45_r: 3.089556336313502

Kurtosis AU45_r: 13.391177543654543

Variance AU45_r: 0.09273543477765712

Coefficient of Variation AU45_r: 1.6177509639795575

Mode AU45_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.26

IQR AU45_r: 0.26

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.53

Mean Absolute Deviation AU45_r: 0.20343590151342633

Harmonic Mean AU45_r: 0.08302237885639675

Geometric Mean AU45_r: 0.173625709499335

Count AU45_r: 5090

Sum AU45_r: 958.1400000000001

95% Confidence Interval AU45_r: (0.17987180726257515, 0.1966075640537314)

OpenFace Test 2 Data

Average AU01_r: 0.12067637877211237

Standard Deviation AU01_r: 0.15617453214657168

Maximum AU01_r: 0.86

Minimum AU01_r: 0.0

Median AU01_r: 0.05

Range AU01_r: 0.86

Skewness AU01_r: 1.4761623395651953

Kurtosis AU01_r: 1.8843419636671515

Variance AU01_r: 0.024390484491200546

Coefficient of Variation AU01_r: 1.2941599154337793

Mode AU01_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.2

IQR AU01_r: 0.2

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.35

Mean Absolute Deviation AU01_r: 0.12424252399241598

Harmonic Mean AU01_r: 0.07389391341946976

Geometric Mean AU01_r: 0.1384386920521411

Count AU01_r: 1922

Sum AU01_r: 231.94

95% Confidence Interval AU01_r: (0.11368994844743348, 0.12766280909679129)

Average AU02_r: 0.09704994797086368

Standard Deviation AU02_r: 0.24876579596387072

Maximum AU02_r: 2.49

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 2.49

Skewness AU02_r: 5.023570136120361

Kurtosis AU02_r: 31.165236738574322

Variance AU02_r: 0.06188442124153815

Coefficient of Variation AU02_r: 2.563275933322037

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.08

IQR AU02_r: 0.08

Aguida Multimodal Analyzer

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.27

Mean Absolute Deviation AU02_r: 0.13091313570563096

Harmonic Mean AU02_r: 0.05356198240375093

Geometric Mean AU02_r: 0.10988427410858956

Count AU02_r: 1922

Sum AU02_r: 186.53

95% Confidence Interval AU02_r: (0.08592146961541869, 0.10817842632630867)

Average AU04_r: 0.06650884495317379

Standard Deviation AU04_r: 0.1352505037938463

Maximum AU04_r: 0.96

Minimum AU04_r: 0.0

Median AU04_r: 0.0

Range AU04_r: 0.96

Skewness AU04_r: 3.0938939672787695

Kurtosis AU04_r: 10.918016547123706

Variance AU04_r: 0.018292698776489227

Coefficient of Variation AU04_r: 2.033571683421517

Mode AU04_r: 0.0

1st Quartile (Q1) AU04_r: 0.0

3rd Quartile (Q3) AU04_r: 0.07

IQR AU04_r: 0.07

10th Percentile AU04_r: 0.0

90th Percentile AU04_r: 0.22

Mean Absolute Deviation AU04_r: 0.08656658592495461

Aguida Multimodal Analyzer

Harmonic Mean AU04_r: 0.05014811339152819

Geometric Mean AU04_r: 0.08964294104106907

Count AU04_r: 1922

Sum AU04_r: 127.83000000000001

95% Confidence Interval AU04_r: (0.06045844602995749, 0.07255924387639008)

Average AU05_r: 0.07218002081165452

Standard Deviation AU05_r: 0.18198793187074214

Maximum AU05_r: 1.51

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.51

Skewness AU05_r: 3.874021683259788

Kurtosis AU05_r: 17.11225421056472

Variance AU05_r: 0.03311960734658988

Coefficient of Variation AU05_r: 2.5213061706593125

Mode AU05_r: 0.0

1st Quartile (Q1) AU05_r: 0.0

3rd Quartile (Q3) AU05_r: 0.05

IQR AU05_r: 0.05

10th Percentile AU05_r: 0.0

90th Percentile AU05_r: 0.21

Mean Absolute Deviation AU05_r: 0.102797077705867

Harmonic Mean AU05_r: 0.04547835366601819

Geometric Mean AU05_r: 0.0917732586623481

Count AU05_r: 1922

Aguida Multimodal Analyzer

Sum AU05_r: 138.73

95% Confidence Interval AU05_r: (0.06403883422718579, 0.08032120739612325)

Average AU06_r: 0.6592091571279917

Standard Deviation AU06_r: 0.574881196752341

Maximum AU06_r: 2.92

Minimum AU06_r: 0.0

Median AU06_r: 0.69

Range AU06_r: 2.92

Skewness AU06_r: 0.4766826389684763

Kurtosis AU06_r: -0.2583468785403338

Variance AU06_r: 0.3304883903794037

Coefficient of Variation AU06_r: 0.8720770798405677

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.0

3rd Quartile (Q3) AU06_r: 1.07

IQR AU06_r: 1.07

10th Percentile AU06_r: 0.0

90th Percentile AU06_r: 1.39

Mean Absolute Deviation AU06_r: 0.47580462165992965

Harmonic Mean AU06_r: 0.3994728841150061

Geometric Mean AU06_r: 0.7958374476150767

Count AU06_r: 1922

Sum AU06_r: 1267.0

95% Confidence Interval AU06_r: (0.6334919843542077, 0.6849263299017756)

Average AU07_r: 1.3023309053069718

Aguida Multimodal Analyzer

Standard Deviation AU07_r: 0.5902623656952741

Maximum AU07_r: 3.39

Minimum AU07_r: 0.0

Median AU07_r: 1.28

Range AU07_r: 3.39

Skewness AU07_r: 0.19168017556051103

Kurtosis AU07_r: 0.09004382703203406

Variance AU07_r: 0.34840966035618154

Coefficient of Variation AU07_r: 0.45323532083126267

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 0.88

3rd Quartile (Q3) AU07_r: 1.71

IQR AU07_r: 0.83

10th Percentile AU07_r: 0.6

90th Percentile AU07_r: 2.03

Mean Absolute Deviation AU07_r: 0.4745913195260314

Harmonic Mean AU07_r: 1.0590022211275538

Geometric Mean AU07_r: 1.2189044045503383

Count AU07_r: 1922

Sum AU07_r: 2503.08

95% Confidence Interval AU07_r: (1.2759256596210753, 1.3287361509928683)

Average AU09_r: 0.06228928199791883

Standard Deviation AU09_r: 0.10687878668770573

Maximum AU09_r: 0.6

Minimum AU09_r: 0.0

Aguida Multimodal Analyzer

Median AU09_r: 0.0

Range AU09_r: 0.6

Skewness AU09_r: 2.070955227490838

Kurtosis AU09_r: 4.013427635691146

Variance AU09_r: 0.011423075043836104

Coefficient of Variation AU09_r: 1.7158455397074042

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.08

IQR AU09_r: 0.08

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.22

Mean Absolute Deviation AU09_r: 0.0786800191874359

Harmonic Mean AU09_r: 0.05000726721776676

Geometric Mean AU09_r: 0.09005395990021209

Count AU09_r: 1922

Sum AU09_r: 119.72

95% Confidence Interval AU09_r: (0.05750808505039677, 0.0670704789454409)

Average AU10_r: 0.117471383975026

Standard Deviation AU10_r: 0.26176304392339045

Maximum AU10_r: 2.45

Minimum AU10_r: 0.0

Median AU10_r: 0.0

Range AU10_r: 2.45

Skewness AU10_r: 3.679359847858599

Aguida Multimodal Analyzer

Kurtosis AU10_r: 18.153499736991456

Variance AU10_r: 0.06851989116403884

Coefficient of Variation AU10_r: 2.228313271418002

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.1

IQR AU10_r: 0.1

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.3990000000000009

Mean Absolute Deviation AU10_r: 0.1628492259515485

Harmonic Mean AU10_r: 0.057831018305777644

Geometric Mean AU10_r: 0.13660556562877452

Count AU10_r: 1922

Sum AU10_r: 225.77999999999997

95% Confidence Interval AU10_r: (0.10576147684221456, 0.12918129110783744)

Average AU12_r: 0.16735171696149842

Standard Deviation AU12_r: 0.3069727763054531

Maximum AU12_r: 2.08

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 2.08

Skewness AU12_r: 2.7213577394415247

Kurtosis AU12_r: 8.839549736799926

Variance AU12_r: 0.09423228539267776

Coefficient of Variation AU12_r: 1.8342971430408237

Aguida Multimodal Analyzer

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.21

IQR AU12_r: 0.21

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.5390000000000009

Mean Absolute Deviation AU12_r: 0.2107982817932673

Harmonic Mean AU12_r: 0.07647221105508571

Geometric Mean AU12_r: 0.1796650206014581

Count AU12_r: 1922

Sum AU12_r: 321.65

95% Confidence Interval AU12_r: (0.15361936326878162, 0.18108407065421522)

Average AU14_r: 0.048137356919875134

Standard Deviation AU14_r: 0.15291056430335892

Maximum AU14_r: 1.73

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.73

Skewness AU14_r: 5.123336613696753

Kurtosis AU14_r: 33.46782717240497

Variance AU14_r: 0.02338164067557166

Coefficient of Variation AU14_r: 3.1765467422293105

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

Aguida Multimodal Analyzer

IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.14

Mean Absolute Deviation AU14_r: 0.07732740240882448

Harmonic Mean AU14_r: 0.05618959945044733

Geometric Mean AU14_r: 0.11421901186532789

Count AU14_r: 1922

Sum AU14_r: 92.52000000000001

95% Confidence Interval AU14_r: (0.0412969394156297, 0.054977774424120565)

Average AU15_r: 0.3119302809573361

Standard Deviation AU15_r: 0.4384753877024885

Maximum AU15_r: 4.06

Minimum AU15_r: 0.0

Median AU15_r: 0.02

Range AU15_r: 4.06

Skewness AU15_r: 1.8726397956179741

Kurtosis AU15_r: 7.0337360974876475

Variance AU15_r: 0.19226066562084762

Coefficient of Variation AU15_r: 1.4056839443633895

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.6275

IQR AU15_r: 0.6275

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.94

Aguida Multimodal Analyzer

Mean Absolute Deviation AU15_r: 0.35950931814219705

Harmonic Mean AU15_r: 0.13349122436221067

Geometric Mean AU15_r: 0.37932579136085115

Count AU15_r: 1922

Sum AU15_r: 599.53

95% Confidence Interval AU15_r: (0.2923151894109437, 0.3315453725037285)

Average AU17_r: 0.5813319458896983

Standard Deviation AU17_r: 0.5141533476227623

Maximum AU17_r: 3.35

Minimum AU17_r: 0.0

Median AU17_r: 0.52

Range AU17_r: 3.35

Skewness AU17_r: 1.3488842595771027

Kurtosis AU17_r: 2.740558226574649

Variance AU17_r: 0.26435366487169304

Coefficient of Variation AU17_r: 0.8844402088309071

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.17

3rd Quartile (Q3) AU17_r: 0.82

IQR AU17_r: 0.6499999999999999

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 1.21

Mean Absolute Deviation AU17_r: 0.3893831109417112

Harmonic Mean AU17_r: 0.24137130874739118

Geometric Mean AU17_r: 0.4897625682746793

Aguida Multimodal Analyzer

Count AU17_r: 1922

Sum AU17_r: 1117.3200000000002

95% Confidence Interval AU17_r: (0.5583314189152002, 0.6043324728641963)

Average AU20_r: 0.11204474505723207

Standard Deviation AU20_r: 0.1937716610140455

Maximum AU20_r: 1.42

Minimum AU20_r: 0.0

Median AU20_r: 0.02

Range AU20_r: 1.42

Skewness AU20_r: 2.74440715989654

Kurtosis AU20_r: 9.218778353231007

Variance AU20_r: 0.037547456612142156

Coefficient of Variation AU20_r: 1.7294131992987944

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.14

IQR AU20_r: 0.14

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.3390000000000009

Mean Absolute Deviation AU20_r: 0.13188859809360048

Harmonic Mean AU20_r: 0.06300331696144842

Geometric Mean AU20_r: 0.12260911521299299

Count AU20_r: 1922

Sum AU20_r: 215.35000000000002

95% Confidence Interval AU20_r: (0.10337641616925822, 0.12071307394520592)

Aguida Multimodal Analyzer

Average AU23_r: 0.11756503642039541

Standard Deviation AU23_r: 0.25413437645551384

Maximum AU23_r: 2.99

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.99

Skewness AU23_r: 4.064635821564167

Kurtosis AU23_r: 24.765434354664905

Variance AU23_r: 0.06458428129643282

Coefficient of Variation AU23_r: 2.161649281056371

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.12

IQR AU23_r: 0.12

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.3690000000000009

Mean Absolute Deviation AU23_r: 0.15664190635621716

Harmonic Mean AU23_r: 0.056382279734374666

Geometric Mean AU23_r: 0.12768954674712016

Count AU23_r: 1922

Sum AU23_r: 225.95999999999998

95% Confidence Interval AU23_r: (0.10619639590130076, 0.12893367693949007)

Average AU25_r: 0.5641935483870968

Standard Deviation AU25_r: 0.6229129234098157

Maximum AU25_r: 2.75

Aguida Multimodal Analyzer

Minimum AU25_r: 0.0

Median AU25_r: 0.32

Range AU25_r: 2.75

Skewness AU25_r: 1.0599916702160335

Kurtosis AU25_r: 0.03972912149215091

Variance AU25_r: 0.38802051015096295

Coefficient of Variation AU25_r: 1.1040766509836641

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.04

3rd Quartile (Q3) AU25_r: 0.99

IQR AU25_r: 0.95

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.59

Mean Absolute Deviation AU25_r: 0.5164593333557114

Harmonic Mean AU25_r: 0.12995882688203786

Geometric Mean AU25_r: 0.38746084028154293

Count AU25_r: 1922

Sum AU25_r: 1084.38

95% Confidence Interval AU25_r: (0.53632768781477, 0.5920594089594235)

Average AU26_r: 0.453636836628512

Standard Deviation AU26_r: 0.4480947453821892

Maximum AU26_r: 2.84

Minimum AU26_r: 0.0

Median AU26_r: 0.335

Range AU26_r: 2.84

Aguida Multimodal Analyzer

Skewness AU26_r: 1.043543443740651

Kurtosis AU26_r: 0.930121231049688

Variance AU26_r: 0.20078890083912895

Coefficient of Variation AU26_r: 0.9877829779267655

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.05

3rd Quartile (Q3) AU26_r: 0.75

IQR AU26_r: 0.7

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.0790000000000001

Mean Absolute Deviation AU26_r: 0.3705719198588879

Harmonic Mean AU26_r: 0.12324847631392419

Geometric Mean AU26_r: 0.3254724087624008

Count AU26_r: 1922

Sum AU26_r: 871.89000000000001

95% Confidence Interval AU26_r: (0.4335914254181278, 0.47368224783889623)

Average AU45_r: 0.1670395421436004

Standard Deviation AU45_r: 0.26300851688804033

Maximum AU45_r: 1.84

Minimum AU45_r: 0.0

Median AU45_r: 0.05

Range AU45_r: 1.84

Skewness AU45_r: 2.6251559662874397

Kurtosis AU45_r: 8.803781319790625

Variance AU45_r: 0.0691734799556466

Aguida Multimodal Analyzer

Coefficient of Variation AU45_r: 1.5745284829740338

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.23

IQR AU45_r: 0.23

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.4890000000000009

Mean Absolute Deviation AU45_r: 0.18246538519427277

Harmonic Mean AU45_r: 0.0679962026338843

Geometric Mean AU45_r: 0.1448201631437109

Count AU45_r: 1922

Sum AU45_r: 321.04999999999995

95% Confidence Interval AU45_r: (0.15527391907574373, 0.17880516521145706)

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.198573673870334	0.12067637877211237
Standard Deviation AU01_r	0.31251477304355624	0.15617453214657168
Maximum AU01_r	2.84	0.86
Minimum AU01_r	0.0	0.0
Median AU01_r	0.04	0.05
Range AU01_r	2.84	0.86
Skewness AU01_r	2.6572565346392554	1.4761623395651953
Kurtosis AU01_r	11.283026065074768	1.8843419636671515

Aguida Multimodal Analyzer

Variance AU01_r	0.09766548337046546	0.024390484491200546
Coefficient of Variation AU01_r	1.5737976084766618	1.2941599154337793
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.3	0.2
IQR AU01_r	0.3	0.2
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.63	0.35
Mean Absolute Deviation AU01_r	0.22611583558809797	0.12424252399241598
Harmonic Mean AU01_r	0.08730247555135624	0.07389391341946976
Geometric Mean AU01_r	0.20045197132335327	0.1384386920521411
Count AU01_r	5090	1922
Sum AU01_r	1010.7400000000001	231.94
95% Confidence Interval AU01_r	(0.18996624691495813, 0.2001136892570983)	
Average AU02_r	0.12775638506876227	0.09704994797086368
Standard Deviation AU02_r	0.2873330174271819	0.24876579596387072
Maximum AU02_r	2.41	2.49
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	2.41	2.49
Skewness AU02_r	3.477221667013717	5.023570136120361
Kurtosis AU02_r	14.601205129074728	31.165236738574322
Variance AU02_r	0.08256026290380925	0.06188442124153815
Coefficient of Variation AU02_r	2.249069721818841	2.563275933322037
Mode AU02_r	0.0	0.0

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1st Quartile (Q1) AU02_r	0.0	0.0
3rd Quartile (Q3) AU02_r	0.11	0.08
IQR AU02_r	0.11	0.08
10th Percentile AU02_r	0.0	0.0
90th Percentile AU02_r	0.41	0.27
Mean Absolute Deviation AU02_r	0.1757543316568949	0.13091313570563096
Harmonic Mean AU02_r	0.06987618992379174	0.05356198240375093
Geometric Mean AU02_r	0.15980564685734422	0.10988427410858956
Count AU02_r	5090	1922
Sum AU02_r	650.28	186.53
95% Confidence Interval AU02_r	(0.114860291416032056, 0.1360852397201397869, 0.10817842632630867)	
Average AU04_r	0.09180550098231828	0.06650884495317379
Standard Deviation AU04_r	0.3346441954682847	0.1352505037938463
Maximum AU04_r	3.14	0.96
Minimum AU04_r	0.0	0.0
Median AU04_r	0.0	0.0
Range AU04_r	3.14	0.96
Skewness AU04_r	5.5457568390569945	3.0938939672787695
Kurtosis AU04_r	35.32033998424666	10.918016547123706
Variance AU04_r	0.11198673756061554	0.018292698776489227
Coefficient of Variation AU04_r	3.6451431764719318	2.033571683421517
Mode AU04_r	0.0	0.0
1st Quartile (Q1) AU04_r	0.0	0.0
3rd Quartile (Q3) AU04_r	0.0	0.07
IQR AU04_r	0.0	0.07

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10th Percentile AU04_r	0.0	0.0
90th Percentile AU04_r	0.19	0.22
Mean Absolute Deviation AU04_r	0.15012356907685245	0.08656658592495461
Harmonic Mean AU04_r	0.0516604547404076	0.05014811339152819
Geometric Mean AU04_r	0.13878253874361826	0.08964294104106907
Count AU04_r	5090	1922
Sum AU04_r	467.29000000000001	127.83000000000001
95% Confidence Interval AU04_r	(0.18260999141764278, 0.100604534692995749, 0.07255924387639008)	
Average AU05_r	0.06838703339882123	0.07218002081165452
Standard Deviation AU05_r	0.15536204937869993	0.18198793187074214
Maximum AU05_r	1.51	1.51
Minimum AU05_r	0.0	0.0
Median AU05_r	0.0	0.0
Range AU05_r	1.51	1.51
Skewness AU05_r	3.5313979419002957	3.874021683259788
Kurtosis AU05_r	15.778141982664891	17.11225421056472
Variance AU05_r	0.0241373663871496	0.03311960734658988
Coefficient of Variation AU05_r	2.2718056575528816	2.5213061706593125
Mode AU05_r	0.0	0.0
1st Quartile (Q1) AU05_r	0.0	0.0
3rd Quartile (Q3) AU05_r	0.06	0.05
IQR AU05_r	0.06	0.05
10th Percentile AU05_r	0.0	0.0
90th Percentile AU05_r	0.24	0.21
Mean Absolute Deviation AU05_r	0.09654670701440862	0.102797077705867

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Harmonic Mean AU05_r	0.056421266669163174	0.04547835366601819
Geometric Mean AU05_r	0.11281321674502295	0.0917732586623481
Count AU05_r	5090	1922
Sum AU05_r	348.09000000000003	138.73
95% Confidence Interval AU05_r	(0.10410792241349466, 0.07266108334127719)	(0.055108334127719, 0.08032120739612325)
Average AU06_r	1.1039803536345776	0.6592091571279917
Standard Deviation AU06_r	0.7150979878680751	0.574881196752341
Maximum AU06_r	3.39	2.92
Minimum AU06_r	0.0	0.0
Median AU06_r	1.15	0.69
Range AU06_r	3.39	2.92
Skewness AU06_r	0.023968187129959528	0.4766826389684763
Kurtosis AU06_r	-0.8623373315173408	-0.2583468785403338
Variance AU06_r	0.5113651322529698	0.3304883903794037
Coefficient of Variation AU06_r	0.6477452116913085	0.8720770798405677
Mode AU06_r	0.0	0.0
1st Quartile (Q1) AU06_r	0.57	0.0
3rd Quartile (Q3) AU06_r	1.64	1.07
IQR AU06_r	1.0699999999999998	1.07
10th Percentile AU06_r	0.0	0.0
90th Percentile AU06_r	2.04	1.39
Mean Absolute Deviation AU06_r	0.5993193279321911	0.47580462165992965
Harmonic Mean AU06_r	0.4618232849966277	0.3994728841150061
Geometric Mean AU06_r	0.9916324318489242	0.7958374476150767
Count AU06_r	5090	1922

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Sum AU06_r	5619.26	1267.0
95% Confidence Interval (AU06_r)	1.084380556996332, 1.1236363502728232	0.2077, 0.6849263299017756)
Average AU07_r	1.725510805500982	1.3023309053069718
Standard Deviation AU07_r	0.7076000584932576	0.5902623656952741
Maximum AU07_r	3.9	3.39
Minimum AU07_r	0.0	0.0
Median AU07_r	1.77	1.28
Range AU07_r	3.9	3.39
Skewness AU07_r	-0.30544851117311994	0.19168017556051103
Kurtosis AU07_r	-0.14530912927488338	0.09004382703203406
Variance AU07_r	0.5006978427796616	0.34840966035618154
Coefficient of Variation AU07_r	0.4100814994825918	0.45323532083126267
Mode AU07_r	0.0	0.0
1st Quartile (Q1) AU07_r	1.27	0.88
3rd Quartile (Q3) AU07_r	2.22	1.71
IQR AU07_r	0.9500000000000002	0.83
10th Percentile AU07_r	0.79	0.6
90th Percentile AU07_r	2.61	2.03
Mean Absolute Deviation AU07_r	0.5656705933665533	0.4745913195260314
Harmonic Mean AU07_r	1.2004355978721684	1.0590022211275538
Geometric Mean AU07_r	1.606237720134221	1.2189044045503383
Count AU07_r	5090	1922
Sum AU07_r	8782.849999999999	2503.08
95% Confidence Interval (AU07_r)	1.706070404694849, 1.7449524592565062	0.753, 1.3287361509928683)
Average AU09_r	0.07090373280943026	0.06228928199791883

Aguida Multimodal Analyzer

Standard Deviation AU09_r	0.12578903481245202	0.10687878668770573
Maximum AU09_r	0.88	0.6
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	0.88	0.6
Skewness AU09_r	2.191681794186449	2.070955227490838
Kurtosis AU09_r	5.033178867470907	4.013427635691146
Variance AU09_r	0.015822881279048264	0.011423075043836104
Coefficient of Variation AU09_r	1.7740819816995865	1.7158455397074042
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.1	0.08
IQR AU09_r	0.1	0.08
10th Percentile AU09_r	0.0	0.0
90th Percentile AU09_r	0.26	0.22
Mean Absolute Deviation AU09_r	0.09220595875421202	0.0786800191874359
Harmonic Mean AU09_r	0.06110394131441717	0.05000726721776676
Geometric Mean AU09_r	0.11466073998971064	0.09005395990021209
Count AU09_r	5090	1922
Sum AU09_r	360.9	119.72
95% Confidence Interval AU09_r	(0.16740724293626637, 0.07436522080259403)	
Average AU10_r	0.41039882121807464	0.117471383975026
Standard Deviation AU10_r	0.4934561543850048	0.26176304392339045
Maximum AU10_r	2.69	2.45
Minimum AU10_r	0.0	0.0

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Median AU10_r	0.23	0.0
Range AU10_r	2.69	2.45
Skewness AU10_r	1.5687558566778421	3.679359847858599
Kurtosis AU10_r	2.3533814813529306	18.153499736991456
Variance AU10_r	0.24349897630043768	0.06851989116403884
Coefficient of Variation AU10_r	1.20238199739564	2.228313271418002
Mode AU10_r	0.0	0.0
1st Quartile (Q1) AU10_r	0.01	0.0
3rd Quartile (Q3) AU10_r	0.64	0.1
IQR AU10_r	0.63	0.1
10th Percentile AU10_r	0.0	0.0
90th Percentile AU10_r	1.12	0.3990000000000009
Mean Absolute Deviation AU10_r	0.3822768462372771	0.1628492259515485
Harmonic Mean AU10_r	0.1284296159062484	0.057831018305777644
Geometric Mean AU10_r	0.31831945605896594	0.13660556562877452
Count AU10_r	5090	1922
Sum AU10_r	2088.93	225.77999999999997
95% Confidence Interval (Lower Bound)	0.03968394024418259, 0.4205823099768322	0.12918129110783744
Average AU12_r	0.3632062868369352	0.16735171696149842
Standard Deviation AU12_r	0.3932015787212784	0.3069727763054531
Maximum AU12_r	2.04	2.08
Minimum AU12_r	0.0	0.0
Median AU12_r	0.23	0.0
Range AU12_r	2.04	2.08
Skewness AU12_r	1.1853019874966744	2.7213577394415247

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Kurtosis AU12_r	0.8584488404438093	8.839549736799926
Variance AU12_r	0.15460748150890571	0.09423228539267776
Coefficient of Variation AU12_r	1.082584726562869	1.8342971430408237
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.02	0.0
3rd Quartile (Q3) AU12_r	0.6	0.21
IQR AU12_r	0.58	0.21
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.96	0.5390000000000009
Mean Absolute Deviation AU12_r	0.3192390796700646	0.2107982817932673
Harmonic Mean AU12_r	0.11886144177725817	0.07647221105508571
Geometric Mean AU12_r	0.2822989155040136	0.1796650206014581
Count AU12_r	5090	1922
Sum AU12_r	1848.72	321.65
95% Confidence Interval (0.852412, 1.01344545, 0.374016861939326878, 1.162, 0.18108407065421522)		
Average AU14_r	0.10277406679764244	0.048137356919875134
Standard Deviation AU14_r	0.23910417330948047	0.15291056430335892
Maximum AU14_r	2.53	1.73
Minimum AU14_r	0.0	0.0
Median AU14_r	0.0	0.0
Range AU14_r	2.53	1.73
Skewness AU14_r	3.471913340502621	5.123336613696753
Kurtosis AU14_r	14.963055631826233	33.46782717240497
Variance AU14_r	0.05717080569401007	0.02338164067557166
Coefficient of Variation AU14_r	2.3265029862082423	3.1765467422293105

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Mode AU14_r	0.0	0.0
1st Quartile (Q1) AU14_r	0.0	0.0
3rd Quartile (Q3) AU14_r	0.08	0.0
IQR AU14_r	0.08	0.0
10th Percentile AU14_r	0.0	0.0
90th Percentile AU14_r	0.36	0.14
Mean Absolute Deviation AU14_r	0.1476991257560377	0.07732740240882448
Harmonic Mean AU14_r	0.0766135093945903	0.05618959945044733
Geometric Mean AU14_r	0.16746473908925524	0.11421901186532789
Count AU14_r	5090	1922
Sum AU14_r	523.12	92.52000000000001
95% Confidence Interval (0.019620385060266429, 0.10341285992620552)		
Average AU15_r	0.3391159135559922	0.3119302809573361
Standard Deviation AU15_r	0.5091746239972449	0.4384753877024885
Maximum AU15_r	4.31	4.06
Minimum AU15_r	0.0	0.0
Median AU15_r	0.07	0.02
Range AU15_r	4.31	4.06
Skewness AU15_r	1.9912116439897651	1.8726397956179741
Kurtosis AU15_r	4.838077453600931	7.0337360974876475
Variance AU15_r	0.2592587977227357	0.19226066562084762
Coefficient of Variation AU15_r	1.501476644543176	1.4056839443633895
Mode AU15_r	0.0	0.0
1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.54	0.6275

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IQR AU15_r	0.54	0.6275
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	1.09	0.94
Mean Absolute Deviation AU15_r	0.38630970237107315	0.35950931814219705
Harmonic Mean AU15_r	0.14289447392566657	0.13349122436221067
Geometric Mean AU15_r	0.3552722617149323	0.37932579136085115
Count AU15_r	5090	1922
Sum AU15_r	1726.1000000000001	599.53
95% Confidence Interval AU15_r	(0.3251125753273258, 0.35310223784698509)	(0.437, 0.3315453725037285)
Average AU17_r	0.7378939096267191	0.5813319458896983
Standard Deviation AU17_r	0.6950056826681983	0.5141533476227623
Maximum AU17_r	4.36	3.35
Minimum AU17_r	0.0	0.0
Median AU17_r	0.59	0.52
Range AU17_r	4.36	3.35
Skewness AU17_r	1.3778018507568355	1.3488842595771027
Kurtosis AU17_r	2.3250914261306024	2.740558226574649
Variance AU17_r	0.48303289894108836	0.26435366487169304
Coefficient of Variation AU17_r	0.9418775159965519	0.88444402088309071
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.19	0.17
3rd Quartile (Q3) AU17_r	1.04	0.82
IQR AU17_r	0.8500000000000001	0.6499999999999999
10th Percentile AU17_r	0.0	0.0
90th Percentile AU17_r	1.7	1.21

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Mean Absolute Deviation AU17_r	0.5332652861460315	0.3893831109417112
Harmonic Mean AU17_r	0.22896204952909147	0.24137130874739118
Geometric Mean AU17_r	0.549931369759816	0.4897625682746793
Count AU17_r	5090	1922
Sum AU17_r	3755.88	1117.3200000000002
95% Confidence Interval (AU17_r)	0.1187962187388311, 0.7569580354489752002, 0.6043324728641963)	
Average AU20_r	0.16361100196463654	0.11204474505723207
Standard Deviation AU20_r	0.28551588751720575	0.1937716610140455
Maximum AU20_r	2.19	1.42
Minimum AU20_r	0.0	0.0
Median AU20_r	0.0	0.02
Range AU20_r	2.19	1.42
Skewness AU20_r	2.3227329563067274	2.74440715989654
Kurtosis AU20_r	5.725590185486343	9.218778353231007
Variance AU20_r	0.08151932202473768	0.037547456612142156
Coefficient of Variation AU20_r	1.7450897805693908	1.7294131992987944
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.21	0.14
IQR AU20_r	0.21	0.14
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.56	0.3390000000000009
Mean Absolute Deviation AU20_r	0.2031060432837607	0.13188859809360048
Harmonic Mean AU20_r	0.07876675267504643	0.06300331696144842
Geometric Mean AU20_r	0.18395854838757722	0.12260911521299299

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Count AU20_r	5090	1922
Sum AU20_r	832.78	215.35000000000002
95% Confidence Interval AU20_r	(0.1517354630009102, 0.17045634702866285)	(0.12071307394520592, 0.140537092866285)
Average AU23_r	0.1609449901768173	0.11756503642039541
Standard Deviation AU23_r	0.289251598859825	0.25413437645551384
Maximum AU23_r	1.93	2.99
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	1.93	2.99
Skewness AU23_r	2.3260850555378823	4.064635821564167
Kurtosis AU23_r	5.685471513492402	24.765434354664905
Variance AU23_r	0.08366648744296512	0.06458428129643282
Coefficient of Variation AU23_r	1.797207844382404	2.161649281056371
Mode AU23_r	0.0	0.0
1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.21	0.12
IQR AU23_r	0.21	0.12
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.55	0.3690000000000009
Mean Absolute Deviation AU23_r	0.20801296428530072	0.15664190635621716
Harmonic Mean AU23_r	0.0802526626251851	0.056382279734374666
Geometric Mean AU23_r	0.201058891306181	0.12768954674712016
Count AU23_r	5090	1922
Sum AU23_r	819.21	225.95999999999998
95% Confidence Interval AU23_r	(0.15122677995913174, 0.1689068973259719)	(0.12893367693949007, 0.140537092866285)

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Average AU25_r	0.7304047151277014	0.5641935483870968
Standard Deviation AU25_r	0.6566776520249933	0.6229129234098157
Maximum AU25_r	3.14	2.75
Minimum AU25_r	0.0	0.0
Median AU25_r	0.65	0.32
Range AU25_r	3.14	2.75
Skewness AU25_r	0.5574519534094706	1.0599916702160335
Kurtosis AU25_r	-0.6124258816037478	0.03972912149215091
Variance AU25_r	0.43122553866905816	0.38802051015096295
Coefficient of Variation AU25_r	0.8990599847239239	1.1040766509836641
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.04	0.04
3rd Quartile (Q3) AU25_r	1.22	0.99
IQR AU25_r	1.18	0.95
10th Percentile AU25_r	0.0	0.0
90th Percentile AU25_r	1.64	1.59
Mean Absolute Deviation AU25_r	0.5622093708145329	0.5164593333557114
Harmonic Mean AU25_r	0.29293770977715616	0.12995882688203786
Geometric Mean AU25_r	0.690054981475454	0.38746084028154293
Count AU25_r	5090	1922
Sum AU25_r	3717.76	1084.38
95% Confidence Interval AU25_r	(0.71422602197744965, 0.748495362709081477, 0.5920594089594235)	
Average AU26_r	0.5844754420432219	0.453636836628512
Standard Deviation AU26_r	0.6169538391010306	0.4480947453821892
Maximum AU26_r	4.34	2.84

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Minimum AU26_r	0.0	0.0
Median AU26_r	0.44	0.335
Range AU26_r	4.34	2.84
Skewness AU26_r	1.7843828682102405	1.043543443740651
Kurtosis AU26_r	4.996274334460703	0.930121231049688
Variance AU26_r	0.3806320395815003	0.20078890083912895
Coefficient of Variation AU26_r	1.055568454585996	0.9877829779267655
Mode AU26_r	0.0	0.0
1st Quartile (Q1) AU26_r	0.07	0.05
3rd Quartile (Q3) AU26_r	0.9	0.75
IQR AU26_r	0.8300000000000001	0.7
10th Percentile AU26_r	0.0	0.0
90th Percentile AU26_r	1.32	1.0790000000000001
Mean Absolute Deviation AU26_r	0.4666960989034317	0.3705719198588879
Harmonic Mean AU26_r	0.21219500222845103	0.12324847631392419
Geometric Mean AU26_r	0.4913298912146196	0.3254724087624008
Count AU26_r	5090	1922
Sum AU26_r	2974.9799999999996	871.8900000000001
95% Confidence Interval (0.567522496182386, 0.6010283590405778) (0.567522496182386, 0.6010283590405778)		
Average AU45_r	0.18823968565815327	0.1670395421436004
Standard Deviation AU45_r	0.30452493293268634	0.26300851688804033
Maximum AU45_r	2.52	1.84
Minimum AU45_r	0.0	0.0
Median AU45_r	0.07	0.05
Range AU45_r	2.52	1.84

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Skewness AU45_r	3.089556336313502	2.6251559662874397
Kurtosis AU45_r	13.391177543654543	8.803781319790625
Variance AU45_r	0.09273543477765712	0.0691734799556466
Coefficient of Variation AU45_r	1.6177509639795575	1.5745284829740338
Mode AU45_r	0.0	0.0
1st Quartile (Q1) AU45_r	0.0	0.0
3rd Quartile (Q3) AU45_r	0.26	0.23
IQR AU45_r	0.26	0.23
10th Percentile AU45_r	0.0	0.0
90th Percentile AU45_r	0.53	0.4890000000000009
Mean Absolute Deviation AU45_r	0.20343590151342633	0.18246538519427277
Harmonic Mean AU45_r	0.08302237885639675	0.0679962026338843
Geometric Mean AU45_r	0.173625709499335	0.1448201631437109
Count AU45_r	5090	1922
Sum AU45_r	958.1400000000001	321.04999999999995
95% Confidence Interval AU45_r	(0.17087580726257515, 0.1965526395975741373)	(0.166526395975741373, 0.17880516521145706)