

Aguida Multimodal Analyzer

Participant ID 20240508 Report

Pre-Test Data

Respondent ID 114614658248.0 Scores:

Confidence: 3.00 on 5

Nervousness: nan on 4

WtC: 2.00 on 3

Post-Test Data

Respondent ID 114614665152.0 Scores:

Confidence: 3.00 on 5

Nervousness: nan on 4

WtC: 2.00 on 3

System Choice Data

Participant ID: 20240508

First test strategy used: CS

Duration of first test: 0:19:00

Second test strategy used: AB+CS

Duration of second test: 0:15:00

Wear Glasses: No

Education Level: B1

Language Proficiency: 500-750

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Preferred System: CS

HR Test 1 Data

Average Heart Rate: 64.34

Standard Deviation: 4.88

Maximum Heart Rate: 79.00

Minimum Heart Rate: 57.00

Median Heart Rate: 63.00

1st Quartile (Q1): 60.00

3rd Quartile (Q3): 68.00

Range: 22.00

Interquartile Range (IQR): 8.00

Total Duration (records): 296

Count of Records: 296

Variance: 23.78

Skewness: 0.73

Kurtosis: 0.01

Mode: 60

95% Confidence Interval: (63.78, 64.90)

HR Test 2 Data

Average Heart Rate: 64.07

Standard Deviation: 2.75

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Maximum Heart Rate: 72.00

Minimum Heart Rate: 58.00

Median Heart Rate: 64.00

1st Quartile (Q1): 62.00

3rd Quartile (Q3): 66.00

Range: 14.00

Interquartile Range (IQR): 4.00

Total Duration (records): 420

Count of Records: 420

Variance: 7.54

Skewness: 0.41

Kurtosis: -0.27

Mode: 65

95% Confidence Interval: (63.81, 64.34)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	64.34	64.07
Standard Deviation	4.88	2.75
Maximum Heart Rate	79.00	72.00
Minimum Heart Rate	57.00	58.00
Median Heart Rate	63.00	64.00
1st Quartile (Q1)	60.00	62.00
3rd Quartile (Q3)	68.00	66.00

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Range	22.00	14.00
Interquartile Range (IQR)	8.00	4.00
Total Duration (records)	296	420
Count of Records	296	420
Variance	23.78	7.54
Skewness	0.73	0.41
Kurtosis	0.01	-0.27
Mode	60	65
95% Confidence Interval	(63.78, 64.90)	(63.81, 64.34)

Dialog Test 1 Data

Category Counts:

Category

Peter Utterance 17

User Utterance	12
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Utterance Counts:

Utterance

I've got it. Thank you for your order. 2

yeah 2

1

More drink? more food? 1

Oh really? I'm very glad to hear that. 1

yes of course 1

Did you enjoy? 1

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Excuse me, here is your bill...	1
Alright, thank you.	1
no thank you	1
Very sorry but It is time for last orders. Would you have anything else?	1
Here you are. Enjoy your drink!	1
more orange juice breeds	1
Here you are. Enjoy your meal!	1
beef steak	1
Sure. What about food?	1
excuse me please orange juice and salary pathetic	1
And this is the menu. Please call me when you are ready to order.	1
Here is your table.	1
Sure! Please come this way.	1
one is my name is ruby their on issue	1
Could you say that again slowly?	1
May I have your name please?	1
Thank you for coming today and hope to see you soon.	1

Strategy Counts:

Strategy

CS 29

Confidence Stats:

count 29.0

mean 0.0

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std	0.0
min	0.0
25%	0.0
50%	0.0
75%	0.0
max	0.0

Dialog Test 2 Data

Category Counts:

Category

Peter Utterance 61

User Utterance 25

Utterance Counts:

Utterance

Awesome!	21
My pleasure!	6
thank you	4
I can understand how you feel...	3
Take it easy	3
Great!	3
Please come again	2
(Come on, you can do it...)	2
Yes, how can I help you?	2

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I've got it. Thank you for your order.	2	
yes	1	
thank you so much good boy	1	
see you	1	
Pardon me, could you clarify what you mean?	1	
where is your last order restorative	1	
So Sorry, we just took last orders.	1	
Could you simplify it for me?	1	
good bye	1	
i'll come here again	1	
what should i say	1	
Did you enjoy?	1	
go yes thank you	1	
by	1	
Could you say that again slowly?	1	
bye good boy	1	
Oh really? I'm very glad to hear that.	1	
fine	1	
oh thank you	1	
Here you are. Enjoy your drink!	1	
Excuse me, here is your bill...	1	
Oh, you are already leaving? Ok, just a moment please...	1	
May I have your name please?	1	
i am really care about issue	1	
group be tehran issue	1	

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my name is ruby	1
Sure! Please come this way.	1
Here is your table.	1
And this is the menu. Please call me when you are ready to order.	1
excuse me i'd like to order	1
coca cola beef steak and solid police	1
Sure. Anything to drink?	1
coca cola please	1
Here you are. Enjoy your meal!	1
i'd like to order orange juice	1
You are welcome!	1
i played ball so back to my home	1
We are ending this dialogue for now...	1

Strategy Counts:

Strategy

AB+CS 86

Confidence Stats:

count 86.0

mean 0.0

std 0.0

min 0.0

25% 0.0

50% 0.0

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75% 0.0

max 0.0

Dialogs Comparison Data

Metric	Test 1	Test 2
Category Count: User Utterance	12	25
Category Count: Peter Utterance	17	61
Utterance Count: coca cola please	0	1
Utterance Count: excuse me please orange juice and salary pathetic	0	0
Utterance Count: what should i say	0	1
Utterance Count: Thank you for coming today and hope to see you soon.	0	0
Utterance Count: Oh really? I'm very glad to hear that.	1	1
Utterance Count: more orange juice breeds	1	0
Utterance Count: group be tehran issue	0	1
Utterance Count: i'll come here again	0	1
Utterance Count: Awesome!	0	21
Utterance Count: (Come on, you can do it...)	0	2
Utterance Count: We are ending this dialogue for now...	0	1
Utterance Count: yeah	2	0
Utterance Count: So Sorry, we just took last orders.	0	1
Utterance Count: by	0	1
Utterance Count: good bye	0	1
Utterance Count: Take it easy	0	3
Utterance Count: where is your last order restorative	0	1

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Utterance Count: I've got it. Thank you for your order.	2	2
Utterance Count: Great!	0	3
Utterance Count: Here is the menu. Please call me when you are ready to order.	1	1
Utterance Count: You are welcome!	0	1
Utterance Count: bye good boy	0	1
Utterance Count: Sure. Anything to drink?	0	1
Utterance Count: yes of course	1	0
Utterance Count: i am really care about issue	0	1
Utterance Count: one is my name is ruby their on issue	1	0
Utterance Count: i'd like to order orange juice	0	1
Utterance Count: my name is ruby	0	1
Utterance Count: i played ball so back to my home	0	1
Utterance Count: More drink? more food?	1	0
Utterance Count: May I have your name please?	1	1
Utterance Count: I can understand how you feel...	0	3
Utterance Count: sorry but It is time for last orders. Would you have anything else?	0	0
Utterance Count: Could you say that again slowly?	1	1
Utterance Count: thank you so much good boy	0	1
Utterance Count: Could you simplify it for me?	0	1
Utterance Count: Yes, how can I help you?	0	2
Utterance Count: Excuse me, here is your bill...	1	1
Utterance Count: Sure! Please come this way.	1	1
Utterance Count: Pardon me, could you clarify what you mean?	1	1
Utterance Count: My pleasure!	0	6
Utterance Count: Please come again	0	2

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Oh, you are already leaving? Ok, just a moment please...		1
Utterance Count: Did you enjoy?	1	1
Utterance Count: Sure. What about food?	1	0
Utterance Count: go yes thank you	0	1
Utterance Count: no thank you	1	0
Utterance Count: excuse me i'd like to order	0	1
Utterance Count: fine	0	1
Utterance Count: beef steak	1	0
Utterance Count:	1	0
Utterance Count: coca cola beef steak and solid police	0	1
Utterance Count: Alright, thank you.	1	0
Utterance Count: Here is your table.	1	1
Utterance Count: oh thank you	0	1
Utterance Count: yes	0	1
Utterance Count: Here you are. Enjoy your meal!	1	1
Utterance Count: thank you	0	4
Utterance Count: Here you are. Enjoy your drink!	1	1
Utterance Count: see you	0	1

Tobii Test 1 Data

Average Pupil Diameter: 3.68

Standard Deviation of Pupil Diameter: 0.32

Maximum Pupil Diameter: 4.63

Minimum Pupil Diameter: 2.12

Median Pupil Diameter: 3.65

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Range of Pupil Diameter: 2.51

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: 0.46

Average Left Eye Y Coordinate: 0.61

Standard Deviation of Left Eye X Coordinate: 0.18

Standard Deviation of Left Eye Y Coordinate: 0.42

Average Right Eye X Coordinate: 0.44

Average Right Eye Y Coordinate: 0.61

Standard Deviation of Right Eye X Coordinate: 0.18

Standard Deviation of Right Eye Y Coordinate: 0.41

Tobii Test 2 Data

Average Pupil Diameter: 3.74

Standard Deviation of Pupil Diameter: 0.33

Maximum Pupil Diameter: 5.11

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Minimum Pupil Diameter: 1.27

Median Pupil Diameter: 3.71

Range of Pupil Diameter: 3.84

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: 0.42

Average Left Eye Y Coordinate: 0.62

Standard Deviation of Left Eye X Coordinate: 0.17

Standard Deviation of Left Eye Y Coordinate: 0.29

Average Right Eye X Coordinate: 0.40

Average Right Eye Y Coordinate: 0.65

Standard Deviation of Right Eye X Coordinate: 0.17

Standard Deviation of Right Eye Y Coordinate: 0.30

Tobiis Comparison Data

Metric	Test 1	Test 2
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Standard Deviation of Pupil Diameter	Average Pupil Diameter	3.68	3.74
	Standard Deviation of Pupil Diameter	0.32	0.33
	Maximum Pupil Diameter	4.63	5.11
	Minimum Pupil Diameter	2.12	1.27
	Median Pupil Diameter	3.65	3.71
	Range of Pupil Diameter	2.51	3.84
Standard Deviation of Head Position	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	Standard Deviation of Head Rotation	nan	nan
	Maximum Head Rotation	nan	nan
	Minimum Head Rotation	nan	nan
	Range of Head Rotation	nan	nan
	Average Left Eye X Coordinate	0.46	0.42
	Average Left Eye Y Coordinate	0.61	0.62
Standard Deviation of Left Eye X Coordinate	Standard Deviation of Left Eye X Coordinate	0.18	0.17
	Standard Deviation of Left Eye Y Coordinate	0.42	0.29
	Average Right Eye X Coordinate	0.44	0.40
	Average Right Eye Y Coordinate	0.61	0.65
	Standard Deviation of Right Eye X Coordinate	0.18	0.17
	Standard Deviation of Right Eye Y Coordinate	0.41	0.30

OpenFace Test 1 Data

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Average AU01_r: 0.12993197278911567

Standard Deviation AU01_r: 0.19294982886373288

Maximum AU01_r: 1.88

Minimum AU01_r: 0.0

Median AU01_r: 0.06

Range AU01_r: 1.88

Skewness AU01_r: 3.1329866140003007

Kurtosis AU01_r: 16.630887085091928

Variance AU01_r: 0.03722963645854381

Coefficient of Variation AU01_r: 1.4850065362810854

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.18

IQR AU01_r: 0.18

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.37

Mean Absolute Deviation AU01_r: 0.13362790756376763

Harmonic Mean AU01_r: 0.065145703100424

Geometric Mean AU01_r: 0.12336450304465575

Count AU01_r: 1617

Sum AU01_r: 210.10000000000002

95% Confidence Interval AU01_r: (0.1205203854278183, 0.13934356015041305)

Average AU02_r: 0.06695114409400123

Standard Deviation AU02_r: 0.1164583306805088

Maximum AU02_r: 1.31

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Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 1.31

Skewness AU02_r: 3.2082181990569336

Kurtosis AU02_r: 16.696727971405863

Variance AU02_r: 0.013562542784890738

Coefficient of Variation AU02_r: 1.739452435898603

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.09

IQR AU02_r: 0.09

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.21

Mean Absolute Deviation AU02_r: 0.0789736064212608

Harmonic Mean AU02_r: 0.050540022575787304

Geometric Mean AU02_r: 0.08576119568023702

Count AU02_r: 1617

Sum AU02_r: 108.25999999999999

95% Confidence Interval AU02_r: (0.061270611700658006, 0.07263167648734445)

Average AU04_r: 0.34128014842300564

Standard Deviation AU04_r: 0.24535417178409488

Maximum AU04_r: 1.69

Minimum AU04_r: 0.0

Median AU04_r: 0.3

Range AU04_r: 1.69

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Skewness AU04_r: 1.1788152084670112

Kurtosis AU04_r: 2.4497222409195807

Variance AU04_r: 0.06019866961185914

Coefficient of Variation AU04_r: 0.7189230692667959

Mode AU04_r: 0.0

1st Quartile (Q1) AU04_r: 0.16

3rd Quartile (Q3) AU04_r: 0.48

IQR AU04_r: 0.31999999999999995

10th Percentile AU04_r: 0.07

90th Percentile AU04_r: 0.66

Mean Absolute Deviation AU04_r: 0.19142033335513325

Harmonic Mean AU04_r: 0.1734829952188305

Geometric Mean AU04_r: 0.2705814102226347

Count AU04_r: 1617

Sum AU04_r: 551.8500000000001

95% Confidence Interval AU04_r: (0.32931241444882536, 0.3532478823971859)

Average AU05_r: 0.062189239332096476

Standard Deviation AU05_r: 0.14981062735101502

Maximum AU05_r: 1.28

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.28

Skewness AU05_r: 4.397735135446898

Kurtosis AU05_r: 23.060775517933166

Variance AU05_r: 0.022443224067304687

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Coefficient of Variation AU05_r: 2.408947736939054

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: 0.17

Mean Absolute Deviation AU05_r: 0.08207555850810556

Harmonic Mean AU05_r: 0.04623492513371691

Geometric Mean AU05_r: 0.08074872007878807

Count AU05_r: 1617

Sum AU05_r: 100.56

95% Confidence Interval AU05_r: (0.05488186924906522, 0.06949660941512774)

Average AU06_r: 0.8587940630797775

Standard Deviation AU06_r: 0.5197088081909578

Maximum AU06_r: 2.88

Minimum AU06_r: 0.05

Median AU06_r: 0.7

Range AU06_r: 2.83

Skewness AU06_r: 1.1081800271379254

Kurtosis AU06_r: 0.7803960176690028

Variance AU06_r: 0.2700972453112658

Coefficient of Variation AU06_r: 0.605161156246465

Mode AU06_r: 0.39

1st Quartile (Q1) AU06_r: 0.47

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3rd Quartile (Q3) AU06_r: 1.13

IQR AU06_r: 0.6599999999999999

10th Percentile AU06_r: 0.34

90th Percentile AU06_r: 1.6340000000000008

Mean Absolute Deviation AU06_r: 0.41597137556321234

Harmonic Mean AU06_r: 0.586612179750969

Geometric Mean AU06_r: 0.7177316535489586

Count AU06_r: 1617

Sum AU06_r: 1388.67

95% Confidence Interval AU06_r: (0.8334440284125827, 0.8841440977469722)

Average AU07_r: 0.34287569573283855

Standard Deviation AU07_r: 0.2845849070420202

Maximum AU07_r: 2.37

Minimum AU07_r: 0.0

Median AU07_r: 0.29

Range AU07_r: 2.37

Skewness AU07_r: 1.3049080924681786

Kurtosis AU07_r: 3.0670519767016593

Variance AU07_r: 0.0809885693161153

Coefficient of Variation AU07_r: 0.8299943990890586

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 0.12

3rd Quartile (Q3) AU07_r: 0.5

IQR AU07_r: 0.38

10th Percentile AU07_r: 0.02

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90th Percentile AU07_r: 0.72

Mean Absolute Deviation AU07_r: 0.22149184855254295

Harmonic Mean AU07_r: 0.14646405768608214

Geometric Mean AU07_r: 0.2695809532066137

Count AU07_r: 1617

Sum AU07_r: 554.43

95% Confidence Interval AU07_r: (0.32899438922893787, 0.35675700223673923)

Average AU09_r: 0.07885590599876313

Standard Deviation AU09_r: 0.15624457104647224

Maximum AU09_r: 1.16

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 1.16

Skewness AU09_r: 2.8795132404215202

Kurtosis AU09_r: 9.428137479104189

Variance AU09_r: 0.02441236598149611

Coefficient of Variation AU09_r: 1.9813933917508089

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: 0.27

Mean Absolute Deviation AU09_r: 0.10157711299508276

Harmonic Mean AU09_r: 0.04914311603394772

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Geometric Mean AU09_r: 0.09451145292439862

Count AU09_r: 1617

Sum AU09_r: 127.50999999999999

95% Confidence Interval AU09_r: (0.07123470499126794, 0.08647710700625832)

Average AU10_r: 0.1994124922696351

Standard Deviation AU10_r: 0.29705791459086617

Maximum AU10_r: 1.82

Minimum AU10_r: 0.0

Median AU10_r: 0.05

Range AU10_r: 1.82

Skewness AU10_r: 1.9601624298683047

Kurtosis AU10_r: 4.069196234109959

Variance AU10_r: 0.08824340462107434

Coefficient of Variation AU10_r: 1.4896655230064528

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.3

IQR AU10_r: 0.3

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.6240000000000009

Mean Absolute Deviation AU10_r: 0.22264712935266864

Harmonic Mean AU10_r: 0.10805541782885097

Geometric Mean AU10_r: 0.21629354912466756

Count AU10_r: 1617

Sum AU10_r: 322.44999999999993

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95% Confidence Interval AU10_r: (0.18492278512140425, 0.21390219941786592)

Average AU12_r: 0.24628324056895487

Standard Deviation AU12_r: 0.3461994523598278

Maximum AU12_r: 1.8

Minimum AU12_r: 0.0

Median AU12_r: 0.09

Range AU12_r: 1.8

Skewness AU12_r: 1.8671920306283594

Kurtosis AU12_r: 3.3061423166581303

Variance AU12_r: 0.11985406081424468

Coefficient of Variation AU12_r: 1.405696350105066

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.36

IQR AU12_r: 0.36

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.7140000000000009

Mean Absolute Deviation AU12_r: 0.2595973823273055

Harmonic Mean AU12_r: 0.06825833290150106

Geometric Mean AU12_r: 0.17948750441803027

Count AU12_r: 1617

Sum AU12_r: 398.24

95% Confidence Interval AU12_r: (0.22939653789859943, 0.2631699432393103)

Average AU14_r: 0.1430674087816945

Standard Deviation AU14_r: 0.21344328444815636

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Maximum AU14_r: 1.21

Minimum AU14_r: 0.0

Median AU14_r: 0.04

Range AU14_r: 1.21

Skewness AU14_r: 2.0712215728238927

Kurtosis AU14_r: 4.6334069955531305

Variance AU14_r: 0.04555803567601658

Coefficient of Variation AU14_r: 1.4919071105414923

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.21

IQR AU14_r: 0.21

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.41400000000000087

Mean Absolute Deviation AU14_r: 0.15700548707704817

Harmonic Mean AU14_r: 0.0786301968718085

Geometric Mean AU14_r: 0.1560155271490515

Count AU14_r: 1617

Sum AU14_r: 231.34

95% Confidence Interval AU14_r: (0.13265620432457745, 0.15347861323881154)

Average AU15_r: 0.19915275200989485

Standard Deviation AU15_r: 0.2756438673862202

Maximum AU15_r: 2.24

Minimum AU15_r: 0.0

Median AU15_r: 0.11

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Range AU15_r: 2.24

Skewness AU15_r: 2.64370550092756

Kurtosis AU15_r: 10.832720133824266

Variance AU15_r: 0.07597954162763215

Coefficient of Variation AU15_r: 1.3840826431187099

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.3

IQR AU15_r: 0.3

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.5240000000000009

Mean Absolute Deviation AU15_r: 0.19621966513034628

Harmonic Mean AU15_r: 0.09482631720208197

Geometric Mean AU15_r: 0.19627498562055

Count AU15_r: 1617

Sum AU15_r: 322.03

95% Confidence Interval AU15_r: (0.18570756600590305, 0.21259793801388666)

Average AU17_r: 0.6143228200371058

Standard Deviation AU17_r: 0.48564879762398944

Maximum AU17_r: 2.8

Minimum AU17_r: 0.0

Median AU17_r: 0.53

Range AU17_r: 2.8

Skewness AU17_r: 0.6124264148092649

Kurtosis AU17_r: -0.3450947222347036

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Variance AU17_r: 0.23585475463362665

Coefficient of Variation AU17_r: 0.7905433133586925

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.19

3rd Quartile (Q3) AU17_r: 0.96

IQR AU17_r: 0.77

10th Percentile AU17_r: 0.01

90th Percentile AU17_r: 1.33

Mean Absolute Deviation AU17_r: 0.40662152936735496

Harmonic Mean AU17_r: 0.20250269234849924

Geometric Mean AU17_r: 0.4693098391812231

Count AU17_r: 1617

Sum AU17_r: 993.36

95% Confidence Interval AU17_r: (0.5906341434901305, 0.6380114965840811)

Average AU20_r: 0.11600494743351886

Standard Deviation AU20_r: 0.18135455666465208

Maximum AU20_r: 1.21

Minimum AU20_r: 0.0

Median AU20_r: 0.03

Range AU20_r: 1.21

Skewness AU20_r: 2.1989590298284756

Kurtosis AU20_r: 5.642924711952988

Variance AU20_r: 0.032889475223032504

Coefficient of Variation AU20_r: 1.5633346738817702

Mode AU20_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.17

IQR AU20_r: 0.17

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.36

Mean Absolute Deviation AU20_r: 0.13205867313473996

Harmonic Mean AU20_r: 0.0700670106738585

Geometric Mean AU20_r: 0.13197044185790643

Count AU20_r: 1617

Sum AU20_r: 187.57999999999998

95% Confidence Interval AU20_r: (0.1071589470847746, 0.12485094778226312)

Average AU23_r: 0.12232529375386517

Standard Deviation AU23_r: 0.22189895024198172

Maximum AU23_r: 3.06

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 3.06

Skewness AU23_r: 4.127559593247204

Kurtosis AU23_r: 34.320838427555884

Variance AU23_r: 0.04923914411849348

Coefficient of Variation AU23_r: 1.8140070907041683

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.2

IQR AU23_r: 0.2

Aguida Multimodal Analyzer

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.42

Mean Absolute Deviation AU23_r: 0.15539360130401741

Harmonic Mean AU23_r: 0.0956425053927548

Geometric Mean AU23_r: 0.19565369844700192

Count AU23_r: 1617

Sum AU23_r: 197.79999999999998

95% Confidence Interval AU23_r: (0.11150164406274522, 0.13314894344498512)

Average AU25_r: 0.5812430426716141

Standard Deviation AU25_r: 0.5933703457833841

Maximum AU25_r: 2.99

Minimum AU25_r: 0.0

Median AU25_r: 0.44

Range AU25_r: 2.99

Skewness AU25_r: 1.1881986613878537

Kurtosis AU25_r: 1.1538876346803422

Variance AU25_r: 0.35208836725509285

Coefficient of Variation AU25_r: 1.0208644271353826

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.07

3rd Quartile (Q3) AU25_r: 0.91

IQR AU25_r: 0.8400000000000001

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.4

Mean Absolute Deviation AU25_r: 0.4758376388167006

Aguida Multimodal Analyzer

Harmonic Mean AU25_r: 0.21211043362561968

Geometric Mean AU25_r: 0.4822351764208266

Count AU25_r: 1617

Sum AU25_r: 939.8699999999999

95% Confidence Interval AU25_r: (0.5522999911030764, 0.6101860942401518)

Average AU26_r: 0.4060111317254174

Standard Deviation AU26_r: 0.4859797772905926

Maximum AU26_r: 4.91

Minimum AU26_r: 0.0

Median AU26_r: 0.27

Range AU26_r: 4.91

Skewness AU26_r: 3.329754132488471

Kurtosis AU26_r: 17.098783579278845

Variance AU26_r: 0.23617634393541398

Coefficient of Variation AU26_r: 1.196961706998855

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.1

3rd Quartile (Q3) AU26_r: 0.55

IQR AU26_r: 0.45000000000000007

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 0.88

Mean Absolute Deviation AU26_r: 0.3144953606337121

Harmonic Mean AU26_r: 0.13515463549717546

Geometric Mean AU26_r: 0.2792854906410929

Count AU26_r: 1617

Aguida Multimodal Analyzer

Sum AU26_r: 656.52

95% Confidence Interval AU26_r: (0.3823063108570639, 0.42971595259377093)

Average AU45_r: 0.1878787878787879

Standard Deviation AU45_r: 0.2686008672595628

Maximum AU45_r: 1.73

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 1.73

Skewness AU45_r: 2.160931164625988

Kurtosis AU45_r: 5.433895367310969

Variance AU45_r: 0.07214642589258927

Coefficient of Variation AU45_r: 1.4296497773492856

Mode AU45_r: 0.0

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: 0.54

Mean Absolute Deviation AU45_r: 0.19441577181836922

Harmonic Mean AU45_r: 0.0744220740547819

Geometric Mean AU45_r: 0.15829955201731963

Count AU45_r: 1617

Sum AU45_r: 303.8

95% Confidence Interval AU45_r: (0.17477714097699698, 0.2009804347805788)

Aguida Multimodal Analyzer

OpenFace Test 2 Data

Average AU01_r: 0.12679522862823064

Standard Deviation AU01_r: 0.18384123925304918

Maximum AU01_r: 1.68

Minimum AU01_r: 0.0

Median AU01_r: 0.06

Range AU01_r: 1.68

Skewness AU01_r: 2.5866668602857588

Kurtosis AU01_r: 9.684132847156885

Variance AU01_r: 0.03379760125009687

Coefficient of Variation AU01_r: 1.4499066032845764

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.18

IQR AU01_r: 0.18

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.36

Mean Absolute Deviation AU01_r: 0.12920208530131339

Harmonic Mean AU01_r: 0.05693599636817974

Geometric Mean AU01_r: 0.11043978896979637

Count AU01_r: 2515

Sum AU01_r: 318.89000000000004

95% Confidence Interval AU01_r: (0.11960684618489992, 0.13398361107156137)

Average AU02_r: 0.09253677932405566

Aguida Multimodal Analyzer

Standard Deviation AU02_r: 0.18458258328152222

Maximum AU02_r: 1.81

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 1.81

Skewness AU02_r: 2.8872281952122147

Kurtosis AU02_r: 10.092203735172646

Variance AU02_r: 0.034070730050880085

Coefficient of Variation AU02_r: 1.9946942678340929

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.1

IQR AU02_r: 0.1

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.31

Mean Absolute Deviation AU02_r: 0.1219437126742527

Harmonic Mean AU02_r: 0.05784544882539674

Geometric Mean AU02_r: 0.1189828731928951

Count AU02_r: 2515

Sum AU02_r: 232.73

95% Confidence Interval AU02_r: (0.0853194095630785, 0.09975414908503281)

Average AU04_r: 0.5747833001988071

Standard Deviation AU04_r: 0.33070472526664435

Maximum AU04_r: 2.25

Minimum AU04_r: 0.0

Aguida Multimodal Analyzer

Median AU04_r: 0.54

Range AU04_r: 2.25

Skewness AU04_r: 0.8901046802532303

Kurtosis AU04_r: 1.3342496237465884

Variance AU04_r: 0.10936561531368671

Coefficient of Variation AU04_r: 0.5753554864107214

Mode AU04_r: 0.59

1st Quartile (Q1) AU04_r: 0.34

3rd Quartile (Q3) AU04_r: 0.76

IQR AU04_r: 0.42

10th Percentile AU04_r: 0.18

90th Percentile AU04_r: 0.99

Mean Absolute Deviation AU04_r: 0.256137670991941

Harmonic Mean AU04_r: 0.3400294877941064

Geometric Mean AU04_r: 0.48415750118587064

Count AU04_r: 2515

Sum AU04_r: 1445.58

95% Confidence Interval AU04_r: (0.5618524036780265, 0.5877141967195877)

Average AU05_r: 0.04805566600397614

Standard Deviation AU05_r: 0.1178982480788558

Maximum AU05_r: 2.16

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 2.16

Skewness AU05_r: 7.25919918159957

Aguida Multimodal Analyzer

Kurtosis AU05_r: 85.68100442450934

Variance AU05_r: 0.013899996900063423

Coefficient of Variation AU05_r: 2.4533683097660295

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: 0.14

Mean Absolute Deviation AU05_r: 0.06197321043915434

Harmonic Mean AU05_r: 0.04249307531866345

Geometric Mean AU05_r: 0.06812244454991506

Count AU05_r: 2515

Sum AU05_r: 120.86

95% Confidence Interval AU05_r: (0.04344572266355428, 0.052665609344398005)

Average AU06_r: 0.6388230616302186

Standard Deviation AU06_r: 0.5584609620079846

Maximum AU06_r: 2.83

Minimum AU06_r: 0.0

Median AU06_r: 0.49

Range AU06_r: 2.83

Skewness AU06_r: 1.4391993856229763

Kurtosis AU06_r: 1.889059234543935

Variance AU06_r: 0.31187864608688354

Coefficient of Variation AU06_r: 0.8742028826931244

Aguida Multimodal Analyzer

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.25

3rd Quartile (Q3) AU06_r: 0.83

IQR AU06_r: 0.58

10th Percentile AU06_r: 0.07

90th Percentile AU06_r: 1.4

Mean Absolute Deviation AU06_r: 0.4203390298368832

Harmonic Mean AU06_r: 0.206690556973665

Geometric Mean AU06_r: 0.44643822175134923

Count AU06_r: 2515

Sum AU06_r: 1606.6399999999999

95% Confidence Interval AU06_r: (0.6169866608808846, 0.6606594623795526)

Average AU07_r: 0.6566202783300198

Standard Deviation AU07_r: 0.45062366062893083

Maximum AU07_r: 2.44

Minimum AU07_r: 0.0

Median AU07_r: 0.61

Range AU07_r: 2.44

Skewness AU07_r: 0.6858200100941061

Kurtosis AU07_r: 0.18175360006230568

Variance AU07_r: 0.2030616835186178

Coefficient of Variation AU07_r: 0.6862774049181066

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 0.32

3rd Quartile (Q3) AU07_r: 0.92

Aguida Multimodal Analyzer

IQR AU07_r: 0.6000000000000001

10th Percentile AU07_r: 0.09

90th Percentile AU07_r: 1.28

Mean Absolute Deviation AU07_r: 0.35987203617262625

Harmonic Mean AU07_r: 0.25785165676083577

Geometric Mean AU07_r: 0.5290979705705613

Count AU07_r: 2515

Sum AU07_r: 1651.3999999999999

95% Confidence Interval AU07_r: (0.63900042750778, 0.6742401291522596)

Average AU09_r: 0.10611530815109343

Standard Deviation AU09_r: 0.24060232241184748

Maximum AU09_r: 1.72

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 1.72

Skewness AU09_r: 3.1506413789898264

Kurtosis AU09_r: 10.314961355470615

Variance AU09_r: 0.0578894775499746

Coefficient of Variation AU09_r: 2.2673667598388656

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: 0.34

Aguida Multimodal Analyzer

Mean Absolute Deviation AU09_r: 0.14645814496717507

Harmonic Mean AU09_r: 0.05270048276554641

Geometric Mean AU09_r: 0.11065148979368696

Count AU09_r: 2515

Sum AU09_r: 266.88

95% Confidence Interval AU09_r: (0.09670750869718915, 0.11552310760499772)

Average AU10_r: 0.24607952286282306

Standard Deviation AU10_r: 0.3570394174635119

Maximum AU10_r: 2.46

Minimum AU10_r: 0.0

Median AU10_r: 0.08

Range AU10_r: 2.46

Skewness AU10_r: 2.064606696585656

Kurtosis AU10_r: 5.062841176104362

Variance AU10_r: 0.12747714562268395

Coefficient of Variation AU10_r: 1.4509107190627293

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.37

IQR AU10_r: 0.37

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.7459999999999991

Mean Absolute Deviation AU10_r: 0.26647819168488074

Harmonic Mean AU10_r: 0.09301583106126095

Geometric Mean AU10_r: 0.2143508497239752

Aguida Multimodal Analyzer

Count AU10_r: 2515

Sum AU10_r: 618.89

95% Confidence Interval AU10_r: (0.23211891266187126, 0.2600401330637748)

Average AU12_r: 0.19384095427435388

Standard Deviation AU12_r: 0.35322015440628896

Maximum AU12_r: 1.84

Minimum AU12_r: 0.0

Median AU12_r: 0.02

Range AU12_r: 1.84

Skewness AU12_r: 2.464305518721878

Kurtosis AU12_r: 6.058581327714215

Variance AU12_r: 0.12476447747880261

Coefficient of Variation AU12_r: 1.822216340858273

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.22

IQR AU12_r: 0.22

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.64

Mean Absolute Deviation AU12_r: 0.2435899086593758

Harmonic Mean AU12_r: 0.0705655571081567

Geometric Mean AU12_r: 0.17517702332935242

Count AU12_r: 2515

Sum AU12_r: 487.51

95% Confidence Interval AU12_r: (0.18002968120591137, 0.2076522273427964)

Aguida Multimodal Analyzer

Average AU14_r: 0.03669980119284295

Standard Deviation AU14_r: 0.16050265160859262

Maximum AU14_r: 1.58

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.58

Skewness AU14_r: 5.324538639770627

Kurtosis AU14_r: 30.362681085041046

Variance AU14_r: 0.025761101173389256

Coefficient of Variation AU14_r: 4.373392944697837

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.0

Mean Absolute Deviation AU14_r: 0.06679876209937197

Harmonic Mean AU14_r: 0.09203540581308879

Geometric Mean AU14_r: 0.21558017122419948

Count AU14_r: 2515

Sum AU14_r: 92.30000000000001

95% Confidence Interval AU14_r: (0.03042398164539558, 0.042975620740290314)

Average AU15_r: 0.2482982107355865

Standard Deviation AU15_r: 0.4155209305581138

Maximum AU15_r: 3.98

Aguida Multimodal Analyzer

Minimum AU15_r: 0.0

Median AU15_r: 0.08

Range AU15_r: 3.98

Skewness AU15_r: 3.5296188634820918

Kurtosis AU15_r: 19.292758234757247

Variance AU15_r: 0.1726576437318808

Coefficient of Variation AU15_r: 1.6734753316470865

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.33

IQR AU15_r: 0.33

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.7359999999999991

Mean Absolute Deviation AU15_r: 0.27516818453098507

Harmonic Mean AU15_r: 0.08053349684549023

Geometric Mean AU15_r: 0.19293547255486349

Count AU15_r: 2515

Sum AU15_r: 624.47

95% Confidence Interval AU15_r: (0.23205091293561342, 0.2645455085355596)

Average AU17_r: 0.5586163021868787

Standard Deviation AU17_r: 0.40710876144860125

Maximum AU17_r: 2.75

Minimum AU17_r: 0.0

Median AU17_r: 0.55

Range AU17_r: 2.75

Aguida Multimodal Analyzer

Skewness AU17_r: 0.539979181202243

Kurtosis AU17_r: 0.3893757737429109

Variance AU17_r: 0.16573754364821414

Coefficient of Variation AU17_r: 0.7287806672573756

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.22

3rd Quartile (Q3) AU17_r: 0.835

IQR AU17_r: 0.615

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 1.0859999999999992

Mean Absolute Deviation AU17_r: 0.3347114292376951

Harmonic Mean AU17_r: 0.24407228711624923

Geometric Mean AU17_r: 0.4813064105495449

Count AU17_r: 2515

Sum AU17_r: 1404.92

95% Confidence Interval AU17_r: (0.5426979288925434, 0.5745346754812141)

Average AU20_r: 0.16183697813121273

Standard Deviation AU20_r: 0.27423105278336685

Maximum AU20_r: 1.47

Minimum AU20_r: 0.0

Median AU20_r: 0.01

Range AU20_r: 1.47

Skewness AU20_r: 2.016977223246347

Kurtosis AU20_r: 3.4920730412690784

Variance AU20_r: 0.07520267031067374

Aguida Multimodal Analyzer

Coefficient of Variation AU20_r: 1.6944894544498246

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.185

IQR AU20_r: 0.185

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.59

Mean Absolute Deviation AU20_r: 0.20090886569252478

Harmonic Mean AU20_r: 0.07229045677612463

Geometric Mean AU20_r: 0.16496194992365737

Count AU20_r: 2515

Sum AU20_r: 407.02

95% Confidence Interval AU20_r: (0.15111426056657165, 0.1725596956958538)

Average AU23_r: 0.10375745526838968

Standard Deviation AU23_r: 0.2193053255045019

Maximum AU23_r: 2.74

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.74

Skewness AU23_r: 5.469681491243515

Kurtosis AU23_r: 47.94316983207565

Variance AU23_r: 0.04809482579463553

Coefficient of Variation AU23_r: 2.113634388364906

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

Aguida Multimodal Analyzer

3rd Quartile (Q3) AU23_r: 0.13

IQR AU23_r: 0.13

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.33

Mean Absolute Deviation AU23_r: 0.12978904307751898

Harmonic Mean AU23_r: 0.0602001145980577

Geometric Mean AU23_r: 0.12181356304956806

Count AU23_r: 2515

Sum AU23_r: 260.95000000000005

95% Confidence Interval AU23_r: (0.09518239040269012, 0.11233252013408924)

Average AU25_r: 0.685192842942346

Standard Deviation AU25_r: 0.8682901800106533

Maximum AU25_r: 3.93

Minimum AU25_r: 0.0

Median AU25_r: 0.27

Range AU25_r: 3.93

Skewness AU25_r: 1.517088608733924

Kurtosis AU25_r: 1.419466620302102

Variance AU25_r: 0.7539278367029327

Coefficient of Variation AU25_r: 1.2672201540839996

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.08

3rd Quartile (Q3) AU25_r: 1.025

IQR AU25_r: 0.945

10th Percentile AU25_r: 0.0

Aguida Multimodal Analyzer

90th Percentile AU25_r: 1.9719999999999982

Mean Absolute Deviation AU25_r: 0.6836115173768522

Harmonic Mean AU25_r: 0.1312398505725653

Geometric Mean AU25_r: 0.37518050495003896

Count AU25_r: 2515

Sum AU25_r: 1723.26

95% Confidence Interval AU25_r: (0.6512417995797968, 0.7191438863048951)

Average AU26_r: 0.44594831013916497

Standard Deviation AU26_r: 0.41459866115686156

Maximum AU26_r: 2.5

Minimum AU26_r: 0.0

Median AU26_r: 0.36

Range AU26_r: 2.5

Skewness AU26_r: 1.1220951060672428

Kurtosis AU26_r: 1.3379315344239586

Variance AU26_r: 0.17189204983306208

Coefficient of Variation AU26_r: 0.929701159821594

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.09

3rd Quartile (Q3) AU26_r: 0.69

IQR AU26_r: 0.6

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.0

Mean Absolute Deviation AU26_r: 0.3311107541628954

Harmonic Mean AU26_r: 0.1745336368500076

Aguida Multimodal Analyzer

Geometric Mean AU26_r: 0.3651583781131375

Count AU26_r: 2515

Sum AU26_r: 1121.56

95% Confidence Interval AU26_r: (0.4297370740258892, 0.46215954625244077)

Average AU45_r: 0.18848508946322068

Standard Deviation AU45_r: 0.25786909671095953

Maximum AU45_r: 1.88

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 1.88

Skewness AU45_r: 2.0307530042705397

Kurtosis AU45_r: 5.252024877594797

Variance AU45_r: 0.06649647103852621

Coefficient of Variation AU45_r: 1.3681140372712497

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.29

IQR AU45_r: 0.29

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.54

Mean Absolute Deviation AU45_r: 0.19342257073859034

Harmonic Mean AU45_r: 0.07475549396493877

Geometric Mean AU45_r: 0.16254389447639303

Count AU45_r: 2515

Sum AU45_r: 474.04

Aguida Multimodal Analyzer

95% Confidence Interval AU45_r: (0.1784021412900791, 0.19856803763636224)

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.12993197278911567	0.12679522862823064
Standard Deviation AU01_r	0.19294982886373288	0.18384123925304918
Maximum AU01_r	1.88	1.68
Minimum AU01_r	0.0	0.0
Median AU01_r	0.06	0.06
Range AU01_r	1.88	1.68
Skewness AU01_r	3.1329866140003007	2.5866668602857588
Kurtosis AU01_r	16.630887085091928	9.684132847156885
Variance AU01_r	0.03722963645854381	0.03379760125009687
Coefficient of Variation AU01_r	1.4850065362810854	1.4499066032845764
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.18	0.18
IQR AU01_r	0.18	0.18
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.37	0.36
Mean Absolute Deviation AU01_r	0.13362790756376763	0.12920208530131339
Harmonic Mean AU01_r	0.065145703100424	0.05693599636817974
Geometric Mean AU01_r	0.12336450304465575	0.11043978896979637
Count AU01_r	1617	2515

Aguida Multimodal Analyzer

Sum AU01_r	210.10000000000002	318.89000000000004
95% Confidence Interval AU01_r	(0.1205203854278183, 0.13984356065061808)	(0.1398361107156137, 0.159992, 0.13398361107156137)
Average AU02_r	0.06695114409400123	0.09253677932405566
Standard Deviation AU02_r	0.1164583306805088	0.18458258328152222
Maximum AU02_r	1.31	1.81
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	1.31	1.81
Skewness AU02_r	3.2082181990569336	2.8872281952122147
Kurtosis AU02_r	16.696727971405863	10.092203735172646
Variance AU02_r	0.013562542784890738	0.034070730050880085
Coefficient of Variation AU02_r	1.739452435898603	1.9946942678340929
Mode AU02_r	0.0	0.0
1st Quartile (Q1) AU02_r	0.0	0.0
3rd Quartile (Q3) AU02_r	0.09	0.1
IQR AU02_r	0.09	0.1
10th Percentile AU02_r	0.0	0.0
90th Percentile AU02_r	0.21	0.31
Mean Absolute Deviation AU02_r	0.0789736064212608	0.1219437126742527
Harmonic Mean AU02_r	0.050540022575787304	0.05784544882539674
Geometric Mean AU02_r	0.08576119568023702	0.1189828731928951
Count AU02_r	1617	2515
Sum AU02_r	108.25999999999999	232.73
95% Confidence Interval AU03_r	(0.061270611700658006, 0.07268537040956907)	(0.095690785, 0.09975414908503281)
Average AU04_r	0.34128014842300564	0.5747833001988071

Aguida Multimodal Analyzer

Standard Deviation AU04_r	0.24535417178409488	0.33070472526664435
Maximum AU04_r	1.69	2.25
Minimum AU04_r	0.0	0.0
Median AU04_r	0.3	0.54
Range AU04_r	1.69	2.25
Skewness AU04_r	1.1788152084670112	0.8901046802532303
Kurtosis AU04_r	2.4497222409195807	1.3342496237465884
Variance AU04_r	0.06019866961185914	0.10936561531368671
Coefficient of Variation AU04_r	0.7189230692667959	0.5753554864107214
Mode AU04_r	0.0	0.59
1st Quartile (Q1) AU04_r	0.16	0.34
3rd Quartile (Q3) AU04_r	0.48	0.76
IQR AU04_r	0.31999999999999995	0.42
10th Percentile AU04_r	0.07	0.18
90th Percentile AU04_r	0.66	0.99
Mean Absolute Deviation AU04_r	0.19142033335513325	0.256137670991941
Harmonic Mean AU04_r	0.1734829952188305	0.3400294877941064
Geometric Mean AU04_r	0.2705814102226347	0.48415750118587064
Count AU04_r	1617	2515
Sum AU04_r	551.8500000000001	1445.58
95% Confidence Interval (AU04_r)	(0.32981241444882536, 0.3502478529036590265, 0.5877141967195877)	
Average AU05_r	0.062189239332096476	0.04805566600397614
Standard Deviation AU05_r	0.14981062735101502	0.1178982480788558
Maximum AU05_r	1.28	2.16
Minimum AU05_r	0.0	0.0

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Median AU05_r	0.0	0.0
Range AU05_r	1.28	2.16
Skewness AU05_r	4.397735135446898	7.25919918159957
Kurtosis AU05_r	23.060775517933166	85.68100442450934
Variance AU05_r	0.022443224067304687	0.013899996900063423
Coefficient of Variation AU05_r	2.408947736939054	2.4533683097660295
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	0.17	0.14
Mean Absolute Deviation AU05_r	0.08207555850810556	0.06197321043915434
Harmonic Mean AU05_r	0.04623492513371691	0.04249307531866345
Geometric Mean AU05_r	0.08074872007878807	0.06812244454991506
Count AU05_r	1617	2515
Sum AU05_r	100.56	120.86
95% Confidence Interval (0.015488586924906522, 0.0609660972262354128, 0.052665609344398005)		
Average AU06_r	0.8587940630797775	0.6388230616302186
Standard Deviation AU06_r	0.5197088081909578	0.5584609620079846
Maximum AU06_r	2.88	2.83
Minimum AU06_r	0.05	0.0
Median AU06_r	0.7	0.49
Range AU06_r	2.83	2.83
Skewness AU06_r	1.1081800271379254	1.4391993856229763

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Kurtosis AU06_r	0.7803960176690028	1.889059234543935
Variance AU06_r	0.2700972453112658	0.31187864608688354
Coefficient of Variation AU06_r	0.605161156246465	0.8742028826931244
Mode AU06_r	0.39	0.0
1st Quartile (Q1) AU06_r	0.47	0.25
3rd Quartile (Q3) AU06_r	1.13	0.83
IQR AU06_r	0.6599999999999999	0.58
10th Percentile AU06_r	0.34	0.07
90th Percentile AU06_r	1.6340000000000008	1.4
Mean Absolute Deviation AU06_r	0.41597137556321234	0.4203390298368832
Harmonic Mean AU06_r	0.586612179750969	0.206690556973665
Geometric Mean AU06_r	0.7177316535489586	0.44643822175134923
Count AU06_r	1617	2515
Sum AU06_r	1388.67	1606.6399999999999
95% Confidence Interval AU06_r	(0.8330640284125827, 0.884061093660782)	
Average AU07_r	0.34287569573283855	0.6566202783300198
Standard Deviation AU07_r	0.2845849070420202	0.45062366062893083
Maximum AU07_r	2.37	2.44
Minimum AU07_r	0.0	0.0
Median AU07_r	0.29	0.61
Range AU07_r	2.37	2.44
Skewness AU07_r	1.3049080924681786	0.6858200100941061
Kurtosis AU07_r	3.0670519767016593	0.18175360006230568
Variance AU07_r	0.0809885693161153	0.2030616835186178
Coefficient of Variation AU07_r	0.8299943990890586	0.6862774049181066

Aguida Multimodal Analyzer

Mode AU07_r	0.0	0.0
1st Quartile (Q1) AU07_r	0.12	0.32
3rd Quartile (Q3) AU07_r	0.5	0.92
IQR AU07_r	0.38	0.6000000000000001
10th Percentile AU07_r	0.02	0.09
90th Percentile AU07_r	0.72	1.28
Mean Absolute Deviation AU07_r	0.22149184855254295	0.35987203617262625
Harmonic Mean AU07_r	0.14646405768608214	0.25785165676083577
Geometric Mean AU07_r	0.2695809532066137	0.5290979705705613
Count AU07_r	1617	2515
Sum AU07_r	554.43	1651.3999999999999
95% Confidence Interval AU07_r	(0.12809738922893787, 0.35676389208623528)	
Average AU09_r	0.07885590599876313	0.10611530815109343
Standard Deviation AU09_r	0.15624457104647224	0.24060232241184748
Maximum AU09_r	1.16	1.72
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	1.16	1.72
Skewness AU09_r	2.8795132404215202	3.1506413789898264
Kurtosis AU09_r	9.428137479104189	10.314961355470615
Variance AU09_r	0.02441236598149611	0.0578894775499746
Coefficient of Variation AU09_r	1.9813933917508089	2.2673667598388656
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.08	0.08

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IQR AU09_r	0.08	0.08
10th Percentile AU09_r	0.0	0.0
90th Percentile AU09_r	0.27	0.34
Mean Absolute Deviation AU09_r	0.10157711299508276	0.14645814496717507
Harmonic Mean AU09_r	0.04914311603394772	0.05270048276554641
Geometric Mean AU09_r	0.09451145292439862	0.11065148979368696
Count AU09_r	1617	2515
Sum AU09_r	127.50999999999999	266.88
95% Confidence Interval AU09_r	(0.074120970499126794, 0.08409610750858329) (0.0885832915, 0.11552310760499772)	
Average AU10_r	0.1994124922696351	0.24607952286282306
Standard Deviation AU10_r	0.29705791459086617	0.3570394174635119
Maximum AU10_r	1.82	2.46
Minimum AU10_r	0.0	0.0
Median AU10_r	0.05	0.08
Range AU10_r	1.82	2.46
Skewness AU10_r	1.9601624298683047	2.064606696585656
Kurtosis AU10_r	4.069196234109959	5.062841176104362
Variance AU10_r	0.08824340462107434	0.12747714562268395
Coefficient of Variation AU10_r	1.4896655230064528	1.4509107190627293
Mode AU10_r	0.0	0.0
1st Quartile (Q1) AU10_r	0.0	0.0
3rd Quartile (Q3) AU10_r	0.3	0.37
IQR AU10_r	0.3	0.37
10th Percentile AU10_r	0.0	0.0
90th Percentile AU10_r	0.6240000000000009	0.7459999999999991

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Mean Absolute Deviation AU10_r	0.22264712935266864	0.26647819168488074
Harmonic Mean AU10_r	0.10805541782885097	0.09301583106126095
Geometric Mean AU10_r	0.21629354912466756	0.2143508497239752
Count AU10_r	1617	2515
Sum AU10_r	322.44999999999993	618.89
95% Confidence Interval AU10_r	(0.184912278512140425, 0.210022199897266927126, 0.2600401330637748)	
Average AU12_r	0.24628324056895487	0.19384095427435388
Standard Deviation AU12_r	0.3461994523598278	0.35322015440628896
Maximum AU12_r	1.8	1.84
Minimum AU12_r	0.0	0.0
Median AU12_r	0.09	0.02
Range AU12_r	1.8	1.84
Skewness AU12_r	1.8671920306283594	2.464305518721878
Kurtosis AU12_r	3.3061423166581303	6.058581327714215
Variance AU12_r	0.11985406081424468	0.12476447747880261
Coefficient of Variation AU12_r	1.405696350105066	1.822216340858273
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.0	0.0
3rd Quartile (Q3) AU12_r	0.36	0.22
IQR AU12_r	0.36	0.22
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.7140000000000009	0.64
Mean Absolute Deviation AU12_r	0.2595973823273055	0.2435899086593758
Harmonic Mean AU12_r	0.06825833290150106	0.0705655571081567
Geometric Mean AU12_r	0.17948750441803027	0.17517702332935242

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Count AU12_r	1617	2515
Sum AU12_r	398.24	487.51
95% Confidence Interval AU12_r	(0.22489653789859943, 0.261699235812059)	(0.11137, 0.2076522273427964)
Average AU14_r	0.1430674087816945	0.03669980119284295
Standard Deviation AU14_r	0.213443284444815636	0.16050265160859262
Maximum AU14_r	1.21	1.58
Minimum AU14_r	0.0	0.0
Median AU14_r	0.04	0.0
Range AU14_r	1.21	1.58
Skewness AU14_r	2.0712215728238927	5.324538639770627
Kurtosis AU14_r	4.6334069955531305	30.362681085041046
Variance AU14_r	0.04555803567601658	0.025761101173389256
Coefficient of Variation AU14_r	1.4919071105414923	4.373392944697837
Mode AU14_r	0.0	0.0
1st Quartile (Q1) AU14_r	0.0	0.0
3rd Quartile (Q3) AU14_r	0.21	0.0
IQR AU14_r	0.21	0.0
10th Percentile AU14_r	0.0	0.0
90th Percentile AU14_r	0.41400000000000087	0.0
Mean Absolute Deviation AU14_r	0.15700548707704817	0.06679876209937197
Harmonic Mean AU14_r	0.0786301968718085	0.09203540581308879
Geometric Mean AU14_r	0.1560155271490515	0.21558017122419948
Count AU14_r	1617	2515
Sum AU14_r	231.34	92.30000000000001
95% Confidence Interval AU14_r	(0.13265620432457745, 0.16307662328845595)	(0.042975620740290314)

Aguida Multimodal Analyzer

Average AU15_r	0.19915275200989485	0.2482982107355865
Standard Deviation AU15_r	0.2756438673862202	0.4155209305581138
Maximum AU15_r	2.24	3.98
Minimum AU15_r	0.0	0.0
Median AU15_r	0.11	0.08
Range AU15_r	2.24	3.98
Skewness AU15_r	2.64370550092756	3.5296188634820918
Kurtosis AU15_r	10.832720133824266	19.292758234757247
Variance AU15_r	0.07597954162763215	0.1726576437318808
Coefficient of Variation AU15_r	1.3840826431187099	1.6734753316470865
Mode AU15_r	0.0	0.0
1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.3	0.33
IQR AU15_r	0.3	0.33
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	0.5240000000000009	0.7359999999999991
Mean Absolute Deviation AU15_r	0.19621966513034628	0.27516818453098507
Harmonic Mean AU15_r	0.09482631720208197	0.08053349684549023
Geometric Mean AU15_r	0.19627498562055	0.19293547255486349
Count AU15_r	1617	2515
Sum AU15_r	322.03	624.47
95% Confidence Interval (0.18570756600590305, 0.2125720609329866) 1.342, 0.2645455085355596)		
Average AU17_r	0.6143228200371058	0.5586163021868787
Standard Deviation AU17_r	0.48564879762398944	0.40710876144860125
Maximum AU17_r	2.8	2.75

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Minimum AU17_r	0.0	0.0
Median AU17_r	0.53	0.55
Range AU17_r	2.8	2.75
Skewness AU17_r	0.6124264148092649	0.539979181202243
Kurtosis AU17_r	-0.3450947222347036	0.3893757737429109
Variance AU17_r	0.23585475463362665	0.16573754364821414
Coefficient of Variation AU17_r	0.7905433133586925	0.7287806672573756
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.19	0.22
3rd Quartile (Q3) AU17_r	0.96	0.835
IQR AU17_r	0.77	0.615
10th Percentile AU17_r	0.01	0.0
90th Percentile AU17_r	1.33	1.0859999999999992
Mean Absolute Deviation AU17_r	0.40662152936735496	0.3347114292376951
Harmonic Mean AU17_r	0.20250269234849924	0.24407228711624923
Geometric Mean AU17_r	0.4693098391812231	0.4813064105495449
Count AU17_r	1617	2515
Sum AU17_r	993.36	1404.92
95% Confidence Interval (AU17_r)	(0.5006341434901305, 0.6340542857908902)	
Average AU20_r	0.11600494743351886	0.16183697813121273
Standard Deviation AU20_r	0.18135455666465208	0.27423105278336685
Maximum AU20_r	1.21	1.47
Minimum AU20_r	0.0	0.0
Median AU20_r	0.03	0.01
Range AU20_r	1.21	1.47

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Skewness AU20_r	2.1989590298284756	2.016977223246347
Kurtosis AU20_r	5.642924711952988	3.4920730412690784
Variance AU20_r	0.032889475223032504	0.07520267031067374
Coefficient of Variation AU20_r	1.5633346738817702	1.6944894544498246
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.17	0.185
IQR AU20_r	0.17	0.185
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.36	0.59
Mean Absolute Deviation AU20_r	0.13205867313473996	0.20090886569252478
Harmonic Mean AU20_r	0.0700670106738585	0.07229045677612463
Geometric Mean AU20_r	0.13197044185790643	0.16496194992365737
Count AU20_r	1617	2515
Sum AU20_r	187.57999999999998	407.02
95% Confidence Interval AU20_r	(0.1071289470847746, 0.1246509474255865)	
Average AU23_r	0.12232529375386517	0.10375745526838968
Standard Deviation AU23_r	0.22189895024198172	0.2193053255045019
Maximum AU23_r	3.06	2.74
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	3.06	2.74
Skewness AU23_r	4.127559593247204	5.469681491243515
Kurtosis AU23_r	34.320838427555884	47.94316983207565
Variance AU23_r	0.04923914411849348	0.04809482579463553

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Coefficient of Variation AU23_r	1.8140070907041683	2.113634388364906
Mode AU23_r	0.0	0.0
1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.2	0.13
IQR AU23_r	0.2	0.13
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.42	0.33
Mean Absolute Deviation AU23_r	0.15539360130401741	0.12978904307751898
Harmonic Mean AU23_r	0.0956425053927548	0.0602001145980577
Geometric Mean AU23_r	0.19565369844700192	0.12181356304956806
Count AU23_r	1617	2515
Sum AU23_r	197.79999999999998	260.95000000000005
95% Confidence Interval AU23_r	(0.11450264406274522, 0.1310854329408529) (0.10012, 0.11233252013408924)	
Average AU25_r	0.5812430426716141	0.685192842942346
Standard Deviation AU25_r	0.5933703457833841	0.8682901800106533
Maximum AU25_r	2.99	3.93
Minimum AU25_r	0.0	0.0
Median AU25_r	0.44	0.27
Range AU25_r	2.99	3.93
Skewness AU25_r	1.1881986613878537	1.517088608733924
Kurtosis AU25_r	1.1538876346803422	1.419466620302102
Variance AU25_r	0.35208836725509285	0.7539278367029327
Coefficient of Variation AU25_r	1.0208644271353826	1.2672201540839996
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.07	0.08

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3rd Quartile (Q3) AU25_r	0.91	1.025
IQR AU25_r	0.8400000000000001	0.945
10th Percentile AU25_r	0.0	0.0
90th Percentile AU25_r	1.4	1.9719999999999982
Mean Absolute Deviation AU25_r	0.4758376388167006	0.6836115173768522
Harmonic Mean AU25_r	0.21211043362561968	0.1312398505725653
Geometric Mean AU25_r	0.4822351764208266	0.37518050495003896
Count AU25_r	1617	2515
Sum AU25_r	939.8699999999999	1723.26
95% Confidence Interval AU25_r	(0.552299911030764, 0.6108502440957968, 0.7191438863048951)	
Average AU26_r	0.4060111317254174	0.44594831013916497
Standard Deviation AU26_r	0.4859797772905926	0.41459866115686156
Maximum AU26_r	4.91	2.5
Minimum AU26_r	0.0	0.0
Median AU26_r	0.27	0.36
Range AU26_r	4.91	2.5
Skewness AU26_r	3.329754132488471	1.1220951060672428
Kurtosis AU26_r	17.098783579278845	1.3379315344239586
Variance AU26_r	0.23617634393541398	0.17189204983306208
Coefficient of Variation AU26_r	1.196961706998855	0.929701159821594
Mode AU26_r	0.0	0.0
1st Quartile (Q1) AU26_r	0.1	0.09
3rd Quartile (Q3) AU26_r	0.55	0.69
IQR AU26_r	0.45000000000000007	0.6
10th Percentile AU26_r	0.0	0.0

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	90th Percentile AU26_r	0.88	1.0
Mean Absolute Deviation AU26_r	0.3144953606337121		0.3311107541628954
	Harmonic Mean AU26_r	0.13515463549717546	0.1745336368500076
	Geometric Mean AU26_r	0.2792854906410929	0.3651583781131375
	Count AU26_r	1617	2515
	Sum AU26_r	656.52	1121.56
95% Confidence Interval (Observed)	(0.3128063108570639, 0.4290152550740258) (0.3128063108570639, 0.46215954625244077)		
	Average AU45_r	0.1878787878787879	0.18848508946322068
	Standard Deviation AU45_r	0.2686008672595628	0.25786909671095953
	Maximum AU45_r	1.73	1.88
	Minimum AU45_r	0.0	0.0
	Median AU45_r	0.08	0.08
	Range AU45_r	1.73	1.88
	Skewness AU45_r	2.160931164625988	2.0307530042705397
	Kurtosis AU45_r	5.433895367310969	5.252024877594797
	Variance AU45_r	0.07214642589258927	0.06649647103852621
Coefficient of Variation AU45_r	1.4296497773492856		1.3681140372712497
	Mode AU45_r	0.0	0.0
	1st Quartile (Q1) AU45_r	0.0	0.0
	3rd Quartile (Q3) AU45_r	0.26	0.29
	IQR AU45_r	0.26	0.29
	10th Percentile AU45_r	0.0	0.0
	90th Percentile AU45_r	0.54	0.54
Mean Absolute Deviation AU45_r	0.19441577181836922		0.19342257073859034
	Harmonic Mean AU45_r	0.0744220740547819	0.07475549396493877

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Geometric Mean AU45_r	0.15829955201731963	0.16254389447639303
Count AU45_r	1617	2515
Sum AU45_r	303.8	474.04
95% Confidence Interval AU45_r	(0.14097699698, 0.2009804347305298)	(0.13791, 0.19856803763636224)