Aguida Multimodal Analyzer

Participant ID 20240507 Report

Pre-Test Data

Respondent ID 114613101004.0 Scores:

Confidence: 1.00 on 5

Nervousness: nan on 4

WtC: nan on 3

Post-Test Data

Respondent ID 114613111316.0 Scores:

Confidence: nan on 5

Nervousness: nan on 4

WtC: nan on 3

System Choice Data

Participant ID: 20240507

First test strategy used: AB

Duration of first test: 0:21:00

Second test strategy used: AB+CS

Duration of second test: 0:07:00

Wear Glasses: No

Education Level: B1

Language Proficiency: 500-750

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Preferred System: AB+CS

HR Test 1 Data

Average Heart Rate: 79.68

Standard Deviation: 3.46

Maximum Heart Rate: 92.00

Minimum Heart Rate: 73.00

Median Heart Rate: 79.00

1st Quartile (Q1): 77.00

3rd Quartile (Q3): 82.00

Range: 19.00

Interquartile Range (IQR): 5.00

Total Duration (records): 655

Count of Records: 655

Variance: 11.95

Skewness: 0.62

Kurtosis: 0.33

Mode: 79

95% Confidence Interval: (79.41, 79.94)

HR Test 2 Data

Average Heart Rate: 77.00

Standard Deviation: 3.60

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Maximum Heart Rate: 88.00

Minimum Heart Rate: 68.00

Median Heart Rate: 77.00

1st Quartile (Q1): 74.00

3rd Quartile (Q3): 80.00

Range: 20.00

Interquartile Range (IQR): 6.00

Total Duration (records): 369

Count of Records: 369

Variance: 12.93

Skewness: 0.08

Kurtosis: -0.52

Mode: 75

95% Confidence Interval: (76.63, 77.37)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	79.68	77.00
Standard Deviation	3.46	3.60
Maximum Heart Rate	92.00	88.00
Minimum Heart Rate	73.00	68.00
Median Heart Rate	79.00	77.00
1st Quartile (Q1)	77.00	74.00
3rd Quartile (Q3)	82.00	80.00

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Range	19.00	20.00
Interquartile Range (IQR)	5.00	6.00
Total Duration (records)	655	369
Count of Records	655	369
Variance	11.95	12.93
Skewness	0.62	0.08
Kurtosis	0.33	-0.52
Mode	79	75
95% Confidence Interval	(79.41, 79.94)	(76.63, 77.37)

Dialog Test 1 Data

Category Counts:

Category

Peter Utterance   67

User Utterance   38

Utterance Counts:

Utterance

Awesome!   20

Take it easy   20

Thank you. It's good to hear that.   4

I've got it. Thank you for your order.   3

Here you are. Enjoy your meal!   3

thank you   3

I can understand how you feel...   3

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My pleasure!	2
you are great	2
Great!	2
pizza	2
Sure. Anything to drink?	1
the steak breeze	1
cook accord up face	1
putting to use it	1
have gone on sort of a breeze	1
according to choose breeze	1
hamburger	1
Here is your table.	1
(Come on, you can do it...)	1
he's up	1
caroline us you are christian	1
You are welcome!	1
town i eat a pizza	1
Excuse me, here is your bill...	1
okay	1
Oh really? I'm very glad to hear that.	1
And this is the menu. Please call me when you are ready to order.	1
i like it brings up things	1
Sure! Please come this way.	1
i am japanese	1
yes yes	1

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May I have your name please? 1

mon ami 1

cable 1

q 1

what sports do you write 1

what's curious do you right 1

what are you coin to go 1

what is your friend main 1

do you like to great 1

i like ice cream 1

do you write ice cream 1

do you like ice cream 1

i like playing tennis 1

what sports do you play 1

i playing this up pm 1

i like brains up piano 1

1

i like mass 1

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

Strategy Counts:

Strategy

AB   105

Confidence Stats:

count   105.0

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

Category Counts:

Category

Peter Utterance   49

User Utterance   26

Utterance Counts:

Utterance

Awesome!   16

I can understand how you feel...   8

Take it easy   5

 yes   3

 Just a moment please...   2

 Yes, how can I help you?   2

 Here you are!   2

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Great!   2

peter   2

can i see so be   1

My pleasure!   1

Oh, you are already leaving? Ok, just a moment please...   1

Excuse me, here is your bill...   1

Did you enjoy?   1

thank you   1

Here you are. Enjoy your meal!   1

I've got it. Thank you for your order.   1

pizza   1

the city   1

Sure. What about food?   1

mango juice   1

or and teachers priests   1

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

 i've gotten   1

Sure! Please come this way.   1

And this is the menu. Please call me when you are ready to order.   1

Here is your table.   1

using   1

sarah   1

can i order order and issues   1

count my older older tissues   1

can i order is a potato   1

potato	1
brain tissues and sort other	1
can i order some schools	1
oh yeah japanese	1
hamburger	1
yes	1
no	1
i guess	1
Thank you for coming today and hope to see you soon.	1

Strategy Counts:

Strategy

AB+CS   75

Confidence Stats:

count   75.0

mean   0.0

std   0.0

min   0.0

25%   0.0

50%   0.0

75%   0.0

max   0.0

Dialogs Comparison Data

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Metric	Test 1	Test 2
Category Count: User Utterance	38	26
Category Count: Peter Utterance	67	49
Utterance Count: do you like to great	1	0
Utterance Count: peter	0	2
Utterance Count: i like playing tennis	1	0
t: Thank you for coming today and hope to see you soon.		1
Utterance Count: what sports do you play	1	0
nce Count: Oh really? I'm very glad to hear that.	1	1
Utterance Count: you are great	2	0
terance Count: count my older older tissues	0	1
Utterance Count: mango juice	0	1
Utterance Count: hamburger	1	1
Utterance Count: or and teachers priests	0	1
Utterance Count: Awesome!	20	16
Utterance Count: (Come on, you can do it...)	1	0
Utterance Count: i playing this up pm	1	0
Utterance Count: yes	0	3
erance Count: have gone on sort of a breeze	1	0
Utterance Count: cook accord up face	1	0
Utterance Count: Just a moment please...	0	2
ance Count: Thank you. It's good to hear that.	4	0
Utterance Count: Take it easy	20	5
Utterance Count: do you write ice cream	1	0
Utterance Count: using	0	1

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Utterance Count: the steak breeze	1	0
nce Count: I've got it. Thank you for your order.	3	1
Utterance Count: Great!	2	2
d this is the menu. Please call me when you are ready to order.		1
tterance Count: brain tissues and sort other	0	1
tterance Count: what's curious do you right	1	0
Utterance Count: i've gotten	0	1
Utterance Count: oh yeah japanese	0	1
Utterance Count: You are welcome!	1	0
Utterance Count: cable	1	0
Utterance Count: i like mass	1	0
Utterance Count: potato	0	1
Utterance Count: no	0	1
Utterance Count: what sports do you write	1	0
terance Count: caroline us you are christian	1	0
terance Count: according to choose breeze	1	0
Utterance Count: i guess	0	1
Utterance Count: Sure. Anything to drink?	1	0
Utterance Count: sarah	0	1
Utterance Count: can i order is a potato	0	1
Utterance Count: what is your friend main	1	0
rance Count: I can understand how you feel...	3	8
erance Count: May I have your name please?	1	0
Utterance Count: yes yes	1	0
Utterance Count: pizza	2	1

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Utterance Count: i like it brings up things	1	0
Utterance Count: the city	0	1
Utterance Count: okay	1	0
Utterance Count: i am japanese	1	0
Utterance Count: Yes, how can I help you?	0	2
Utterance Count: q	1	0
Utterance Count: Excuse me, here is your bill...	1	1
Utterance Count: Sure! Please come this way.	1	1
Utterance Count: My pleasure!	2	1
Oh, you are already leaving? Ok, just a moment please...	0	1
Utterance Count: Here you are!	0	2
Utterance Count: Did you enjoy?	0	1
Utterance Count: i like ice cream	1	0
Utterance Count: do you like ice cream	1	0
Utterance Count: town i eat a pizza	1	0
Utterance Count: can i order order and issues	0	1
Utterance Count: what are you coin to go	1	0
Utterance Count: i like brains up piano	1	0
Utterance Count: Sure. What about food?	0	1
Utterance Count: can i see so be	0	1
Utterance Count:	1	0
Utterance Count: Here is your table.	1	1
Utterance Count: mon ami	1	0
Utterance Count: yes	0	1
Utterance Count: Here you are. Enjoy your meal!	3	1

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Utterance Count: can i order some schools	0	1
Utterance Count: thank you	3	1
Utterance Count: he's up	1	0
Utterance Count: putting to use it	1	0

Tobii Test 1 Data

Average Pupil Diameter: 3.71

Standard Deviation of Pupil Diameter: 0.45

Maximum Pupil Diameter: 5.02

Minimum Pupil Diameter: 1.62

Median Pupil Diameter: 3.73

Range of Pupil Diameter: 3.40

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: 0.43

Average Left Eye Y Coordinate: 0.76

Standard Deviation of Left Eye X Coordinate: 0.26

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Standard Deviation of Left Eye Y Coordinate: 0.33

Average Right Eye X Coordinate: 0.42

Average Right Eye Y Coordinate: 0.73

Standard Deviation of Right Eye X Coordinate: 0.26

Standard Deviation of Right Eye Y Coordinate: 0.31

Tobii Test 2 Data

Average Pupil Diameter: 3.50

Standard Deviation of Pupil Diameter: 0.35

Maximum Pupil Diameter: 4.54

Minimum Pupil Diameter: 1.22

Median Pupil Diameter: 3.56

Range of Pupil Diameter: 3.32

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: 0.49

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Average Left Eye Y Coordinate: 0.71

Standard Deviation of Left Eye X Coordinate: 0.23

Standard Deviation of Left Eye Y Coordinate: 0.25

Average Right Eye X Coordinate: 0.48

Average Right Eye Y Coordinate: 0.67

Standard Deviation of Right Eye X Coordinate: 0.22

Standard Deviation of Right Eye Y Coordinate: 0.25

Tobiis Comparison Data

Metric	Test 1	Test 2
Average Pupil Diameter	3.71	3.50
Standard Deviation of Pupil Diameter	0.45	0.35
Maximum Pupil Diameter	5.02	4.54
Minimum Pupil Diameter	1.62	1.22
Median Pupil Diameter	3.73	3.56
Range of Pupil Diameter	3.40	3.32
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	0.43	0.49
Average Left Eye Y Coordinate	0.76	0.71
Standard Deviation of Left Eye X Coordinate	0.26	0.23
Standard Deviation of Left Eye Y Coordinate	0.33	0.25
Average Right Eye X Coordinate	0.42	0.48
Average Right Eye Y Coordinate	0.73	0.67
Standard Deviation of Right Eye X Coordinate	0.26	0.22
Standard Deviation of Right Eye Y Coordinate	0.31	0.25

OpenFace Test 1 Data

Average AU01_r: 0.10620500000000001

Standard Deviation AU01_r: 0.1400853452399206

Maximum AU01_r: 1.88

Minimum AU01_r: 0.0

Median AU01_r: 0.06

Range AU01_r: 1.88

Skewness AU01_r: 2.8497388654683036

Kurtosis AU01_r: 21.267757019560175

Variance AU01_r: 0.019623903950987745

Coefficient of Variation AU01_r: 1.3190089472239592

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.17

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IQR AU01_r: 0.17

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.3

Mean Absolute Deviation AU01_r: 0.10514676250000002

Harmonic Mean AU01_r: 0.06102290155740291

Geometric Mean AU01_r: 0.11019335315689391

Count AU01_r: 4000

Sum AU01_r: 424.82000000000005

95% Confidence Interval AU01_r: (0.10186247561472585, 0.11054752438527417)

Average AU02_r: 0.076705

Standard Deviation AU02_r: 0.15910302139762922

Maximum AU02_r: 1.86

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 1.86

Skewness AU02_r: 3.591856425758036

Kurtosis AU02_r: 18.522215760495403

Variance AU02_r: 0.025313771417854465

Coefficient of Variation AU02_r: 2.0742196909931456

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: 0.24

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Mean Absolute Deviation AU02_r: 0.1011188975

Harmonic Mean AU02_r: 0.05732645094849762

Geometric Mean AU02_r: 0.11053218557202797

Count AU02_r: 4000

Sum AU02_r: 306.82

95% Confidence Interval AU02_r: (0.07177294412358623, 0.08163705587641376)

Average AU04_r: 1.27346

Standard Deviation AU04_r: 0.3944217546359893

Maximum AU04_r: 2.59

Minimum AU04_r: 0.0

Median AU04_r: 1.33

Range AU04_r: 2.59

Skewness AU04_r: -0.7270774816383444

Kurtosis AU04_r: 1.3277660825809319

Variance AU04_r: 0.15556852053013254

Coefficient of Variation AU04_r: 0.30972449439793104

Mode AU04_r: 1.37

1st Quartile (Q1) AU04_r: 1.09

3rd Quartile (Q3) AU04_r: 1.52

IQR AU04_r: 0.42999999999999994

10th Percentile AU04_r: 0.76

90th Percentile AU04_r: 1.69

Mean Absolute Deviation AU04_r: 0.29392522

Harmonic Mean AU04_r: 0.9710843892789767

Geometric Mean AU04_r: 1.20185989346865

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Count AU04_r: 4000

Sum AU04_r: 5093.84

95% Confidence Interval AU04_r: (1.2612332671846869, 1.2856867328153132)

Average AU05_r: 0.07584500000000001

Standard Deviation AU05_r: 0.1860866546417527

Maximum AU05_r: 1.91

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.91

Skewness AU05_r: 3.626018800601635

Kurtosis AU05_r: 16.53951814893276

Variance AU05_r: 0.03462824303575894

Coefficient of Variation AU05_r: 2.4535124878601446

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: 0.25

Mean Absolute Deviation AU05_r: 0.11153703749999999

Harmonic Mean AU05_r: 0.06637907356523852

Geometric Mean AU05_r: 0.13502319335917673

Count AU05_r: 4000

Sum AU05_r: 303.38000000000005

95% Confidence Interval AU05_r: (0.07007647486147169, 0.08161352513852833)

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Average AU06_r: 1.3874549999999999

Standard Deviation AU06_r: 0.5440883944914237

Maximum AU06_r: 4.0

Minimum AU06_r: 0.0

Median AU06_r: 1.32

Range AU06_r: 4.0

Skewness AU06_r: 0.5872239541633071

Kurtosis AU06_r: 1.1707119782113038

Variance AU06_r: 0.296032181020255

Coefficient of Variation AU06_r: 0.3921484981433082

Mode AU06_r: 0.96

1st Quartile (Q1) AU06_r: 1.02

3rd Quartile (Q3) AU06_r: 1.69

IQR AU06_r: 0.6699999999999999

10th Percentile AU06_r: 0.8590000000000003

90th Percentile AU06_r: 2.090999999999999

Mean Absolute Deviation AU06_r: 0.4135108725

Harmonic Mean AU06_r: 0.9756392464198457

Geometric Mean AU06_r: 1.2898424502672448

Count AU06_r: 4000

Sum AU06_r: 5549.82

95% Confidence Interval AU06_r: (1.3705887309639555, 1.4043212690360443)

Average AU07_r: 1.6599625

Standard Deviation AU07_r: 0.5518334020514297

Maximum AU07_r: 3.99

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Minimum AU07_r: 0.0

Median AU07_r: 1.65

Range AU07_r: 3.99

Skewness AU07_r: 0.0008465921682675912

Kurtosis AU07_r: 0.5265712309687949

Variance AU07_r: 0.3045201036196549

Coefficient of Variation AU07_r: 0.3324372701500364

Mode AU07_r: 1.53

1st Quartile (Q1) AU07_r: 1.3

3rd Quartile (Q3) AU07_r: 2.03

IQR AU07_r: 0.7299999999999998

10th Percentile AU07_r: 0.99

90th Percentile AU07_r: 2.35

Mean Absolute Deviation AU07_r: 0.43517236875

Harmonic Mean AU07_r: 1.2309884484910356

Geometric Mean AU07_r: 1.5581977331305759

Count AU07_r: 4000

Sum AU07_r: 6639.85

95% Confidence Interval AU07_r: (1.6428561424369519, 1.6770688575630481)

Average AU09_r: 0.0685025

Standard Deviation AU09_r: 0.14397418044534488

Maximum AU09_r: 1.87

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 1.87

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Skewness AU09_r: 4.262331652115788

Kurtosis AU09_r: 27.599638323574823

Variance AU09_r: 0.020728564634908728

Coefficient of Variation AU09_r: 2.101736147517899

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: 0.08798437375

Harmonic Mean AU09_r: 0.048234906602664225

Geometric Mean AU09_r: 0.08817687422113236

Count AU09_r: 4000

Sum AU09_r: 274.01

95% Confidence Interval AU09_r: (0.06403942509117931, 0.07296557490882068)

Average AU10_r: 0.609855

Standard Deviation AU10_r: 0.4706205476814362

Maximum AU10_r: 2.67

Minimum AU10_r: 0.0

Median AU10_r: 0.575

Range AU10_r: 2.67

Skewness AU10_r: 0.5295409619797998

Kurtosis AU10_r: -0.2406790001772423

Variance AU10_r: 0.22148369989997496

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Coefficient of Variation AU10_r: 0.771692529669243

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.1975

3rd Quartile (Q3) AU10_r: 0.93

IQR AU10_r: 0.7325

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 1.25

Mean Absolute Deviation AU10_r: 0.3900439825

Harmonic Mean AU10_r: 0.21029204501445686

Geometric Mean AU10_r: 0.49921948986199893

Count AU10_r: 4000

Sum AU10_r: 2439.42

95% Confidence Interval AU10_r: (0.595266170590203, 0.624443829409797)

Average AU12_r: 0.193445

Standard Deviation AU12_r: 0.40819338239902736

Maximum AU12_r: 2.54

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 2.54

Skewness AU12_r: 2.956019406755168

Kurtosis AU12_r: 9.378551203674839

Variance AU12_r: 0.1666218374343586

Coefficient of Variation AU12_r: 2.1101263015277074

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

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3rd Quartile (Q3) AU12_r: 0.19

IQR AU12_r: 0.19

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.64

Mean Absolute Deviation AU12_r: 0.265614725

Harmonic Mean AU12_r: 0.09055940236240138

Geometric Mean AU12_r: 0.24497128145347258

Count AU12_r: 4000

Sum AU12_r: 773.78

95% Confidence Interval AU12_r: (0.1807913586505823, 0.20609864134941772)

Average AU14_r: 0.029810000000000003

Standard Deviation AU14_r: 0.11966555001739324

Maximum AU14_r: 1.54

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.54

Skewness AU14_r: 6.604762841463937

Kurtosis AU14_r: 53.90831901930163

Variance AU14_r: 0.01431984386096524

Coefficient of Variation AU14_r: 4.014275411519397

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

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90th Percentile AU14_r: 0.07

Mean Absolute Deviation AU14_r: 0.050787345000000005

Harmonic Mean AU14_r: 0.05000750624709777

Geometric Mean AU14_r: 0.09654272556917809

Count AU14_r: 4000

Sum AU14_r: 119.24000000000001

95% Confidence Interval AU14_r: (0.026100471582607147, 0.03351952841739286)

Average AU15_r: 0.4054975

Standard Deviation AU15_r: 0.6739283696028747

Maximum AU15_r: 5.0

Minimum AU15_r: 0.0

Median AU15_r: 0.07

Range AU15_r: 5.0

Skewness AU15_r: 2.348124079391192

Kurtosis AU15_r: 6.346081927984677

Variance AU15_r: 0.45417944735558885

Coefficient of Variation AU15_r: 1.6619790987684873

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.51

IQR AU15_r: 0.51

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 1.350999999999999

Mean Absolute Deviation AU15_r: 0.48281569125

Harmonic Mean AU15_r: 0.11428192697264537

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Geometric Mean AU15_r: 0.3222709503423365

Count AU15_r: 4000

Sum AU15_r: 1621.99

95% Confidence Interval AU15_r: (0.3846063041799354, 0.4263886958200646)

Average AU17_r: 0.5773625

Standard Deviation AU17_r: 0.4760754462807212

Maximum AU17_r: 3.38

Minimum AU17_r: 0.0

Median AU17_r: 0.52

Range AU17_r: 3.38

Skewness AU17_r: 0.9883480612846416

Kurtosis AU17_r: 1.63097305643287

Variance AU17_r: 0.22664783055138785

Coefficient of Variation AU17_r: 0.8245693931987637

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.1675

3rd Quartile (Q3) AU17_r: 0.87

IQR AU17_r: 0.7025

10th Percentile AU17_r: 0.01

90th Percentile AU17_r: 1.21

Mean Absolute Deviation AU17_r: 0.38340754374999997

Harmonic Mean AU17_r: 0.1922569152104688

Geometric Mean AU17_r: 0.4395743558764119

Count AU17_r: 4000

Sum AU17_r: 2309.45

Aguida Multimodal Analyzer

95% Confidence Interval AU17_r: (0.5626045734576941, 0.5921204265423059)

Average AU20_r: 0.17422749999999998

Standard Deviation AU20_r: 0.29617914133964796

Maximum AU20_r: 1.61

Minimum AU20_r: 0.0

Median AU20_r: 0.0

Range AU20_r: 1.61

Skewness AU20_r: 1.9216246602493763

Kurtosis AU20_r: 3.0489170370834255

Variance AU20_r: 0.08772208376469115

Coefficient of Variation AU20_r: 1.699956329165304

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.22

IQR AU20_r: 0.22

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.65

Mean Absolute Deviation AU20_r: 0.22237064749999996

Harmonic Mean AU20_r: 0.07703785353496148

Geometric Mean AU20_r: 0.19359189072723706

Count AU20_r: 4000

Sum AU20_r: 696.91

95% Confidence Interval AU20_r: (0.165046203116488, 0.18340879688351197)

Average AU23_r: 0.14305500000000002

Standard Deviation AU23_r: 0.2922211752745166

Aguida Multimodal Analyzer

Maximum AU23_r: 2.16

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.16

Skewness AU23_r: 3.2381540356448353

Kurtosis AU23_r: 12.452146240073906

Variance AU23_r: 0.08539321527881973

Coefficient of Variation AU23_r: 2.0427190610221

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.18

IQR AU23_r: 0.18

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.42

Mean Absolute Deviation AU23_r: 0.187114475

Harmonic Mean AU23_r: 0.07798758076781177

Geometric Mean AU23_r: 0.17622760954624914

Count AU23_r: 4000

Sum AU23_r: 572.22

95% Confidence Interval AU23_r: (0.13399639663681653, 0.1521136033631835)

Average AU25_r: 0.52485

Standard Deviation AU25_r: 0.563974994524236

Maximum AU25_r: 3.05

Minimum AU25_r: 0.0

Median AU25_r: 0.33

Aguida Multimodal Analyzer

Range AU25_r: 3.05

Skewness AU25_r: 1.4168037380830822

Kurtosis AU25_r: 1.8766281056341247

Variance AU25_r: 0.3180677944486121

Coefficient of Variation AU25_r: 1.0745450976931237

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.08

3rd Quartile (Q3) AU25_r: 0.82

IQR AU25_r: 0.74

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.31

Mean Absolute Deviation AU25_r: 0.443716425

Harmonic Mean AU25_r: 0.14364117152136707

Geometric Mean AU25_r: 0.3625726395134929

Count AU25_r: 4000

Sum AU25_r: 2099.4

95% Confidence Interval AU25_r: (0.507367263585196, 0.5423327364148041)

Average AU26_r: 0.6161749999999999

Standard Deviation AU26_r: 0.7018227042152726

Maximum AU26_r: 3.61

Minimum AU26_r: 0.0

Median AU26_r: 0.39

Range AU26_r: 3.61

Skewness AU26_r: 1.5148362461678404

Kurtosis AU26_r: 1.8667634710809278

Aguida Multimodal Analyzer

Variance AU26_r: 0.492555108152038

Coefficient of Variation AU26_r: 1.1389989925188018

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.06

3rd Quartile (Q3) AU26_r: 0.87

IQR AU26_r: 0.81

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.67

Mean Absolute Deviation AU26_r: 0.534167225

Harmonic Mean AU26_r: 0.18138867680438228

Geometric Mean AU26_r: 0.46892516177430144

Count AU26_r: 4000

Sum AU26_r: 2464.7

95% Confidence Interval AU26_r: (0.5944191039640928, 0.637930896035907)

Average AU45_r: 0.27171749999999995

Standard Deviation AU45_r: 0.3956953612294117

Maximum AU45_r: 2.64

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 2.64

Skewness AU45_r: 1.9623319993976218

Kurtosis AU45_r: 4.1924539445543685

Variance AU45_r: 0.15657481889847458

Coefficient of Variation AU45_r: 1.4562748488022

Mode AU45_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.41

IQR AU45_r: 0.41

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.82

Mean Absolute Deviation AU45_r: 0.29677185124999994

Harmonic Mean AU45_r: 0.10428819303030366

Geometric Mean AU45_r: 0.25700855826310604

Count AU45_r: 4000

Sum AU45_r: 1086.87

95% Confidence Interval AU45_r: (0.25945128648326365, 0.28398371351673624)

OpenFace Test 2 Data

Average AU01_r: 0.10682888540031399

Standard Deviation AU01_r: 0.1343227788737231

Maximum AU01_r: 0.68

Minimum AU01_r: 0.0

Median AU01_r: 0.05

Range AU01_r: 0.68

Skewness AU01_r: 1.4617929401889609

Kurtosis AU01_r: 1.6525685519560582

Variance AU01_r: 0.01804260892435911

Coefficient of Variation AU01_r: 1.2573638522051669

Mode AU01_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.17

IQR AU01_r: 0.17

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.31

Mean Absolute Deviation AU01_r: 0.10615923509845915

Harmonic Mean AU01_r: 0.05813752451781424

Geometric Mean AU01_r: 0.10632447460001651

Count AU01_r: 1911

Sum AU01_r: 204.15000000000003

95% Confidence Interval AU01_r: (0.10080269691128957, 0.11285507388933841)

Average AU02_r: 0.08839874411302984

Standard Deviation AU02_r: 0.17888236527324813

Maximum AU02_r: 1.13

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 1.13

Skewness AU02_r: 2.6644749408881534

Kurtosis AU02_r: 7.1251459907458905

Variance AU02_r: 0.031998900605751765

Coefficient of Variation AU02_r: 2.02358491704953

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.1

IQR AU02_r: 0.1

Aguida Multimodal Analyzer

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.3

Mean Absolute Deviation AU02_r: 0.11909892902940673

Harmonic Mean AU02_r: 0.053625861624209056

Geometric Mean AU02_r: 0.1149130449891799

Count AU02_r: 1911

Sum AU02_r: 168.93

95% Confidence Interval AU02_r: (0.08037345711749709, 0.09642403110856258)

Average AU04_r: 1.5533594976452119

Standard Deviation AU04_r: 0.41513602894261015

Maximum AU04_r: 2.75

Minimum AU04_r: 0.0

Median AU04_r: 1.63

Range AU04_r: 2.75

Skewness AU04_r: -1.2565885344103294

Kurtosis AU04_r: 2.423549975376246

Variance AU04_r: 0.17233792252623964

Coefficient of Variation AU04_r: 0.26725045269425934

Mode AU04_r: 1.74

1st Quartile (Q1) AU04_r: 1.37

3rd Quartile (Q3) AU04_r: 1.82

IQR AU04_r: 0.44999999999999996

10th Percentile AU04_r: 1.07

90th Percentile AU04_r: 1.98

Mean Absolute Deviation AU04_r: 0.3028193052368876

Aguida Multimodal Analyzer

Harmonic Mean AU04_r: 0.987156269651506

Geometric Mean AU04_r: 1.4564311568888622

Count AU04_r: 1911

Sum AU04_r: 2968.47

95% Confidence Interval AU04_r: (1.5347350470496424, 1.5719839482407814)

Average AU05_r: 0.05704343275771847

Standard Deviation AU05_r: 0.12994480381804224

Maximum AU05_r: 1.1

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.1

Skewness AU05_r: 3.604199783967003

Kurtosis AU05_r: 15.435647276888247

Variance AU05_r: 0.016885652039309484

Coefficient of Variation AU05_r: 2.277997615780926

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: 0.17

Mean Absolute Deviation AU05_r: 0.0785843286314244

Harmonic Mean AU05_r: 0.05018464229418075

Geometric Mean AU05_r: 0.0904347550261841

Count AU05_r: 1911

Aguida Multimodal Analyzer

Sum AU05_r: 109.00999999999999

95% Confidence Interval AU05_r: (0.05121365550368333, 0.06287321001175361)

Average AU06_r: 1.318707482993197

Standard Deviation AU06_r: 0.4819491986670462

Maximum AU06_r: 2.72

Minimum AU06_r: 0.0

Median AU06_r: 1.31

Range AU06_r: 2.72

Skewness AU06_r: 0.2044959064182367

Kurtosis AU06_r: 0.47137462094376303

Variance AU06_r: 0.23227503009580797

Coefficient of Variation AU06_r: 0.3654708909159443

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.99

3rd Quartile (Q3) AU06_r: 1.59

IQR AU06_r: 0.6000000000000001

10th Percentile AU06_r: 0.75

90th Percentile AU06_r: 1.91

Mean Absolute Deviation AU06_r: 0.3753969321899351

Harmonic Mean AU06_r: 1.0830996233876338

Geometric Mean AU06_r: 1.2488737640115315

Count AU06_r: 1911

Sum AU06_r: 2520.0499999999997

95% Confidence Interval AU06_r: (1.2970855605042926, 1.3403294054821016)

Average AU07_r: 1.2679173207744636

Aguida Multimodal Analyzer

Standard Deviation AU07_r: 0.49713341143264644

Maximum AU07_r: 3.25

Minimum AU07_r: 0.0

Median AU07_r: 1.22

Range AU07_r: 3.25

Skewness AU07_r: 0.3536749844013832

Kurtosis AU07_r: 0.4063773861141544

Variance AU07_r: 0.24714162876266094

Coefficient of Variation AU07_r: 0.39208661581260645

Mode AU07_r: 1.06

1st Quartile (Q1) AU07_r: 0.95

3rd Quartile (Q3) AU07_r: 1.55

IQR AU07_r: 0.6000000000000001

10th Percentile AU07_r: 0.67

90th Percentile AU07_r: 1.94

Mean Absolute Deviation AU07_r: 0.3858562712610705

Harmonic Mean AU07_r: 1.0006886862030904

Geometric Mean AU07_r: 1.1625957319641644

Count AU07_r: 1911

Sum AU07_r: 2422.99

95% Confidence Interval AU07_r: (1.2456141815258241, 1.290220460023103)

Average AU09_r: 0.06229722658294087

Standard Deviation AU09_r: 0.12192654035776226

Maximum AU09_r: 1.24

Minimum AU09_r: 0.0

Aguida Multimodal Analyzer

Median AU09_r: 0.0

Range AU09_r: 1.24

Skewness AU09_r: 3.532739645497716

Kurtosis AU09_r: 19.31074532741581

Variance AU09_r: 0.01486608124361303

Coefficient of Variation AU09_r: 1.9571744529498838

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.07

IQR AU09_r: 0.07

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.21

Mean Absolute Deviation AU09_r: 0.07955863776899885

Harmonic Mean AU09_r: 0.04064686283833308

Geometric Mean AU09_r: 0.07596931028762803

Count AU09_r: 1911

Sum AU09_r: 119.05000000000001

95% Confidence Interval AU09_r: (0.056827176602056696, 0.06776727656382506)

Average AU10_r: 0.4235740450026165

Standard Deviation AU10_r: 0.3803103508583016

Maximum AU10_r: 2.45

Minimum AU10_r: 0.0

Median AU10_r: 0.32

Range AU10_r: 2.45

Skewness AU10_r: 0.8380511873110423

Aguida Multimodal Analyzer

Kurtosis AU10_r: 0.11521643531098569

Variance AU10_r: 0.14463596296996448

Coefficient of Variation AU10_r: 0.8978603749338616

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.09

3rd Quartile (Q3) AU10_r: 0.69

IQR AU10_r: 0.6

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.98

Mean Absolute Deviation AU10_r: 0.3189467461097871

Harmonic Mean AU10_r: 0.13583899357331536

Geometric Mean AU10_r: 0.3072398965065718

Count AU10_r: 1911

Sum AU10_r: 809.45

95% Confidence Interval AU10_r: (0.40651199582662617, 0.4406360941786068)

Average AU12_r: 0.1050601779173208

Standard Deviation AU12_r: 0.272834806165299

Maximum AU12_r: 1.56

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 1.56

Skewness AU12_r: 2.990628360511691

Kurtosis AU12_r: 8.610268066982867

Variance AU12_r: 0.07443883145525627

Coefficient of Variation AU12_r: 2.596938360222574

Aguida Multimodal Analyzer

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.01

IQR AU12_r: 0.01

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.43

Mean Absolute Deviation AU12_r: 0.1680336622834941

Harmonic Mean AU12_r: 0.06395755644463433

Geometric Mean AU12_r: 0.1933277529128879

Count AU12_r: 1911

Sum AU12_r: 200.77000000000004

95% Confidence Interval AU12_r: (0.09281985663968996, 0.11730049919495163)

Average AU14_r: 0.013751962323390893

Standard Deviation AU14_r: 0.07676918021893672

Maximum AU14_r: 1.02

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.02

Skewness AU14_r: 7.339268104207634

Kurtosis AU14_r: 60.95384716156832

Variance AU14_r: 0.005893507031487585

Coefficient of Variation AU14_r: 5.582416415463778

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: 0.0

Mean Absolute Deviation AU14_r: 0.025772923346370307

Harmonic Mean AU14_r: 0.04899399441192131

Geometric Mean AU14_r: 0.11091007751183685

Count AU14_r: 1911

Sum AU14_r: 26.279999999999998

95% Confidence Interval AU14_r: (0.010307829064488377, 0.01719609558229341)

Average AU15_r: 0.26213500784929356

Standard Deviation AU15_r: 0.3912931234572214

Maximum AU15_r: 2.81

Minimum AU15_r: 0.0

Median AU15_r: 0.08

Range AU15_r: 2.81

Skewness AU15_r: 2.085009550923614

Kurtosis AU15_r: 5.080572870034608

Variance AU15_r: 0.1531103084649083

Coefficient of Variation AU15_r: 1.4927160117514076

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.39

IQR AU15_r: 0.39

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.83

Aguida Multimodal Analyzer

Mean Absolute Deviation AU15_r: 0.2899212770484356

Harmonic Mean AU15_r: 0.09014996329768019

Geometric Mean AU15_r: 0.22459102070322176

Count AU15_r: 1911

Sum AU15_r: 500.94

95% Confidence Interval AU15_r: (0.24458023317753752, 0.2796897825210496)

Average AU17_r: 0.46128728414442705

Standard Deviation AU17_r: 0.35782592017957343

Maximum AU17_r: 2.65

Minimum AU17_r: 0.0

Median AU17_r: 0.43

Range AU17_r: 2.65

Skewness AU17_r: 1.02827678664067

Kurtosis AU17_r: 2.5990833862928806

Variance AU17_r: 0.12803938915235846

Coefficient of Variation AU17_r: 0.7757116497222579

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.17

3rd Quartile (Q3) AU17_r: 0.69

IQR AU17_r: 0.5199999999999999

10th Percentile AU17_r: 0.01

90th Percentile AU17_r: 0.9

Mean Absolute Deviation AU17_r: 0.28742637641942415

Harmonic Mean AU17_r: 0.20437224039889

Geometric Mean AU17_r: 0.3760635880128563

Aguida Multimodal Analyzer

Count AU17_r: 1911

Sum AU17_r: 881.5200000000001

95% Confidence Interval AU17_r: (0.44523396497294176, 0.4773406033159123)

Average AU20_r: 0.11877551020408164

Standard Deviation AU20_r: 0.18733978801846926

Maximum AU20_r: 1.13

Minimum AU20_r: 0.0

Median AU20_r: 0.02

Range AU20_r: 1.13

Skewness AU20_r: 1.972507320279435

Kurtosis AU20_r: 3.755278637590001

Variance AU20_r: 0.035096196174805

Coefficient of Variation AU20_r: 1.5772593836606517

Mode AU20_r: 0.0

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: 0.4

Mean Absolute Deviation AU20_r: 0.1394134922414806

Harmonic Mean AU20_r: 0.06304757263347653

Geometric Mean AU20_r: 0.13139280278944152

Count AU20_r: 1911

Sum AU20_r: 226.98000000000002

95% Confidence Interval AU20_r: (0.11037079371772532, 0.12718022669043796)

Aguida Multimodal Analyzer

Average AU23_r: 0.12984301412872842

Standard Deviation AU23_r: 0.27692813147497164

Maximum AU23_r: 1.97

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 1.97

Skewness AU23_r: 3.6452330867859537

Kurtosis AU23_r: 15.695295100543134

Variance AU23_r: 0.07668919000221919

Coefficient of Variation AU23_r: 2.1327919205604755

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.13

IQR AU23_r: 0.13

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.4

Mean Absolute Deviation AU23_r: 0.1680354421686559

Harmonic Mean AU23_r: 0.05416299480484807

Geometric Mean AU23_r: 0.12335799833125179

Count AU23_r: 1911

Sum AU23_r: 248.13

95% Confidence Interval AU23_r: (0.11741905199680755, 0.1422669762606493)

Average AU25_r: 0.49428571428571433

Standard Deviation AU25_r: 0.5842702523222375

Maximum AU25_r: 3.63

Aguida Multimodal Analyzer

Minimum AU25_r: 0.0

Median AU25_r: 0.3

Range AU25_r: 3.63

Skewness AU25_r: 1.8625394934783868

Kurtosis AU25_r: 3.615443621374573

Variance AU25_r: 0.3413717277486911

Coefficient of Variation AU25_r: 1.182049643426492

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.07

3rd Quartile (Q3) AU25_r: 0.69

IQR AU25_r: 0.6199999999999999

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.26

Mean Absolute Deviation AU25_r: 0.427182477386559

Harmonic Mean AU25_r: 0.12183585656012064

Geometric Mean AU25_r: 0.31927132209436504

Count AU25_r: 1911

Sum AU25_r: 944.58

95% Confidence Interval AU25_r: (0.4680733123495268, 0.5204981162219018)

Average AU26_r: 0.610784929356358

Standard Deviation AU26_r: 0.6711122371647185

Maximum AU26_r: 3.48

Minimum AU26_r: 0.0

Median AU26_r: 0.39

Range AU26_r: 3.48

Aguida Multimodal Analyzer

Skewness AU26_r: 1.4228913527684217

Kurtosis AU26_r: 1.5970013151891473

Variance AU26_r: 0.45039163487223327

Coefficient of Variation AU26_r: 1.0987701315288396

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.08

3rd Quartile (Q3) AU26_r: 0.89

IQR AU26_r: 0.81

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.66

Mean Absolute Deviation AU26_r: 0.5204848571477861

Harmonic Mean AU26_r: 0.17446670596323002

Geometric Mean AU26_r: 0.43340167227016635

Count AU26_r: 1911

Sum AU26_r: 1167.21

95% Confidence Interval AU26_r: (0.5806764930035971, 0.6408933657091188)

Average AU45_r: 0.24127158555729986

Standard Deviation AU45_r: 0.3435452751030057

Maximum AU45_r: 2.7

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 2.7

Skewness AU45_r: 2.168580867469785

Kurtosis AU45_r: 6.738830108739146

Variance AU45_r: 0.11802335604559987

Aguida Multimodal Analyzer

Coefficient of Variation AU45_r: 1.423894464445407

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.39

IQR AU45_r: 0.39

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.7

Mean Absolute Deviation AU45_r: 0.2576813901505536

Harmonic Mean AU45_r: 0.09830250067739575

Geometric Mean AU45_r: 0.2219587059292997

Count AU45_r: 1911

Sum AU45_r: 461.07000000000005

95% Confidence Interval AU45_r: (0.22585894594662947, 0.25668422516797024)

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.10620500000000001	0.10682888540031399
Standard Deviation AU01_r	0.1400853452399206	0.1343227788737231
Maximum AU01_r	1.88	0.68
Minimum AU01_r	0.0	0.0
Median AU01_r	0.06	0.05
Range AU01_r	1.88	0.68
Skewness AU01_r	2.8497388654683036	1.4617929401889609
Kurtosis AU01_r	21.267757019560175	1.6525685519560582

Aguida Multimodal Analyzer

Variance AU01_r	0.019623903950987745	0.01804260892435911
Coefficient of Variation AU01_r	1.3190089472239592	1.2573638522051669
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.17	0.17
IQR AU01_r	0.17	0.17
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.3	0.31
Mean Absolute Deviation AU01_r	0.10514676250000002	0.10615923509845915
Harmonic Mean AU01_r	0.06102290155740291	0.05813752451781424
Geometric Mean AU01_r	0.11019335315689391	0.10632447460001651
Count AU01_r	4000	1911
Sum AU01_r	424.82000000000005	204.15000000000003
95% Confidence Interval AU01_r	(0.10180247561472585, 0.110547520269562741279)	(0.10470562069562741279957, 0.11285507388933841)
Average AU02_r	0.076705	0.08839874411302984
Standard Deviation AU02_r	0.159103021397762922	0.17888236527324813
Maximum AU02_r	1.86	1.13
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	1.86	1.13
Skewness AU02_r	3.591856425758036	2.6644749408881534
Kurtosis AU02_r	18.522215760495403	7.1251459907458905
Variance AU02_r	0.025313771417854465	0.031998900605751765
Coefficient of Variation AU02_r	2.0742196909931456	2.02358491704953
Mode AU02_r	0.0	0.0

Aguida Multimodal Analyzer

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	0.24	0.3
Mean Absolute Deviation AU02_r	0.1011188975	0.11909892902940673
Harmonic Mean AU02_r	0.05732645094849762	0.053625861624209056
Geometric Mean AU02_r	0.11053218557202797	0.1149130449891799
Count AU02_r	4000	1911
Sum AU02_r	306.82	168.93
95% Confidence Interval AU02_r	(0.07170294412358623, 0.08063057764113749)	(0.06535876411709, 0.09642403110856258)
Average AU04_r	1.27346	1.5533594976452119
Standard Deviation AU04_r	0.3944217546359893	0.41513602894261015
Maximum AU04_r	2.59	2.75
Minimum AU04_r	0.0	0.0
Median AU04_r	1.33	1.63
Range AU04_r	2.59	2.75
Skewness AU04_r	-0.7270774816383444	-1.2565885344103294
Kurtosis AU04_r	1.3277660825809319	2.423549975376246
Variance AU04_r	0.15556852053013254	0.17233792252623964
Coefficient of Variation AU04_r	0.30972449439793104	0.26725045269425934
Mode AU04_r	1.37	1.74
1st Quartile (Q1) AU04_r	1.09	1.37
3rd Quartile (Q3) AU04_r	1.52	1.82
IQR AU04_r	0.42999999999999994	0.44999999999999996

Aguida Multimodal Analyzer

10th Percentile AU04_r	0.76	1.07
90th Percentile AU04_r	1.69	1.98
Mean Absolute Deviation AU04_r	0.29392522	0.3028193052368876
Harmonic Mean AU04_r	0.9710843892789767	0.987156269651506
Geometric Mean AU04_r	1.20185989346865	1.4564311568888622
Count AU04_r	4000	1911
Sum AU04_r	5093.84	2968.47
95% Confidence Interval AU04_r	(1.2610432671846869, 1.2856857732515710329)	(1.5365743250547086424, 1.5719839482407814)
Average AU05_r	0.07584500000000001	0.05704343275771847
Standard Deviation AU05_r	0.1860866546417527	0.12994480381804224
Maximum AU05_r	1.91	1.1
Minimum AU05_r	0.0	0.0
Median AU05_r	0.0	0.0
Range AU05_r	1.91	1.1
Skewness AU05_r	3.626018800601635	3.604199783967003
Kurtosis AU05_r	16.53951814893276	15.435647276888247
Variance AU05_r	0.03462824303575894	0.016885652039309484
Coefficient of Variation AU05_r	2.4535124878601446	2.277997615780926
Mode AU05_r	0.0	0.0
1st Quartile (Q1) AU05_r	0.0	0.0
3rd Quartile (Q3) AU05_r	0.05	0.05
IQR AU05_r	0.05	0.05
10th Percentile AU05_r	0.0	0.0
90th Percentile AU05_r	0.25	0.17
Mean Absolute Deviation AU05_r	0.11153703749999999	0.0785843286314244

Aguida Multimodal Analyzer

Harmonic Mean AU05_r	0.06637907356523852	0.05018464229418075
Geometric Mean AU05_r	0.13502319335917673	0.0904347550261841
Count AU05_r	4000	1911
Sum AU05_r	303.38000000000005	109.00999999999999
95% Confidence Interval AU05_r	(0.07007647486147169, 0.08065223655520868)	(0.05363552365552333, 0.06287321001175361)
Average AU06_r	1.3874549999999999	1.318707482993197
Standard Deviation AU06_r	0.5440883944914237	0.4819491986670462
Maximum AU06_r	4.0	2.72
Minimum AU06_r	0.0	0.0
Median AU06_r	1.32	1.31
Range AU06_r	4.0	2.72
Skewness AU06_r	0.5872239541633071	0.2044959064182367
Kurtosis AU06_r	1.1707119782113038	0.47137462094376303
Variance AU06_r	0.296032181020255	0.23227503009580797
Coefficient of Variation AU06_r	0.3921484981433082	0.3654708909159443
Mode AU06_r	0.96	0.0
1st Quartile (Q1) AU06_r	1.02	0.99
3rd Quartile (Q3) AU06_r	1.69	1.59
IQR AU06_r	0.6699999999999999	0.6000000000000001
10th Percentile AU06_r	0.8590000000000003	0.75
90th Percentile AU06_r	2.090999999999999	1.91
Mean Absolute Deviation AU06_r	0.4135108725	0.3753969321899351
Harmonic Mean AU06_r	0.9756392464198457	1.0830996233876338
Geometric Mean AU06_r	1.2898424502672448	1.2488737640115315
Count AU06_r	4000	1911

Aguida Multimodal Analyzer

Sum AU06_r	5549.82	2520.0499999999997
95% Confidence Interval	(1.370687309639555, 1.4043297853560643)	(1.3219765853604342926, 1.3403294054821016)
Average AU07_r	1.6599625	1.2679173207744636
Standard Deviation AU07_r	0.5518334020514297	0.49713341143264644
Maximum AU07_r	3.99	3.25
Minimum AU07_r	0.0	0.0
Median AU07_r	1.65	1.22
Range AU07_r	3.99	3.25
Skewness AU07_r	0.0008465921682675912	0.3536749844013832
Kurtosis AU07_r	0.5265712309687949	0.4063773861141544
Variance AU07_r	0.3045201036196549	0.24714162876266094
Coefficient of Variation AU07_r	0.3324372701500364	0.39208661581260645
Mode AU07_r	1.53	1.06
1st Quartile (Q1) AU07_r	1.3	0.95
3rd Quartile (Q3) AU07_r	2.03	1.55
IQR AU07_r	0.7299999999999998	0.6000000000000001
10th Percentile AU07_r	0.99	0.67
90th Percentile AU07_r	2.35	1.94
Mean Absolute Deviation AU07_r	0.43517236875	0.3858562712610705
Harmonic Mean AU07_r	1.2309884484910356	1.0006886862030904
Geometric Mean AU07_r	1.5581977331305759	1.1625957319641644
Count AU07_r	4000	1911
Sum AU07_r	6639.85	2422.99
95% Confidence Interval	(1.6420561424369519, 1.6770688563048258241, 1.290220460023103)	(1.2456356304825... 1.290220460023103)
Average AU09_r	0.0685025	0.06229722658294087

Aguida Multimodal Analyzer

Standard Deviation AU09_r	0.14397418044534488	0.12192654035776226
Maximum AU09_r	1.87	1.24
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	1.87	1.24
Skewness AU09_r	4.262331652115788	3.532739645497716
Kurtosis AU09_r	27.599638323574823	19.31074532741581
Variance AU09_r	0.020728564634908728	0.01486608124361303
Coefficient of Variation AU09_r	2.101736147517899	1.9571744529498838
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.08	0.07
IQR AU09_r	0.08	0.07
10th Percentile AU09_r	0.0	0.0
90th Percentile AU09_r	0.22	0.21
Mean Absolute Deviation AU09_r	0.08798437375	0.07955863776899885
Harmonic Mean AU09_r	0.048234906602664225	0.04064686283833308
Geometric Mean AU09_r	0.08817687422113236	0.07596931028762803
Count AU09_r	4000	1911
Sum AU09_r	274.01	119.05000000000001
95% Confidence Interval AU09_r	(0.16440394509117931, 0.07296682479066220686)	(0.05968274906620085696, 0.06776727656382506)
Average AU10_r	0.609855	0.4235740450026165
Standard Deviation AU10_r	0.4706205476814362	0.3803103508583016
Maximum AU10_r	2.67	2.45
Minimum AU10_r	0.0	0.0

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Median AU10_r	0.575	0.32
Range AU10_r	2.67	2.45
Skewness AU10_r	0.5295409619797998	0.8380511873110423
Kurtosis AU10_r	-0.2406790001772423	0.11521643531098569
Variance AU10_r	0.22148369989997496	0.14463596296996448
Coefficient of Variation AU10_r	0.771692529669243	0.8978603749338616
Mode AU10_r	0.0	0.0
1st Quartile (Q1) AU10_r	0.1975	0.09
3rd Quartile (Q3) AU10_r	0.93	0.69
IQR AU10_r	0.7325	0.6
10th Percentile AU10_r	0.0	0.0
90th Percentile AU10_r	1.25	0.98
Mean Absolute Deviation AU10_r	0.3900439825	0.3189467461097871
Harmonic Mean AU10_r	0.21029204501445686	0.13583899357331536
Geometric Mean AU10_r	0.49921948986199893	0.3072398965065718
Count AU10_r	4000	1911
Sum AU10_r	2439.42	809.45
95% Confidence Interval AU10_r	(0.59526170590203, 0.62404629409578)	(0.4406329409598 62617, 0.4406360941786068)
Average AU12_r	0.193445	0.1050601779173208
Standard Deviation AU12_r	0.40819338239902736	0.272834806165299
Maximum AU12_r	2.54	1.56
Minimum AU12_r	0.0	0.0
Median AU12_r	0.0	0.0
Range AU12_r	2.54	1.56
Skewness AU12_r	2.956019406755168	2.990628360511691

Aguida Multimodal Analyzer

Kurtosis AU12_r	9.378551203674839	8.610268066982867
Variance AU12_r	0.1666218374343586	0.07443883145525627
Coefficient of Variation AU12_r	2.1101263015277074	2.596938360222574
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.0	0.0
3rd Quartile (Q3) AU12_r	0.19	0.01
IQR AU12_r	0.19	0.01
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.64	0.43
Mean Absolute Deviation AU12_r	0.265614725	0.1680336622834941
Harmonic Mean AU12_r	0.09055940236240138	0.06395755644463433
Geometric Mean AU12_r	0.24497128145347258	0.1933277529128879
Count AU12_r	4000	1911
Sum AU12_r	773.78	200.77000000000004
95% Confidence Interval AU12_r	(0.18792835865058 23, 0.206909 2419396 3708)	(0.09823 1939663 8996, 0.11730049919495163)
Average AU14_r	0.029810000000000003	0.013751962323390893
Standard Deviation AU14_r	0.11966555001739324	0.07676918021893672
Maximum AU14_r	1.54	1.02
Minimum AU14_r	0.0	0.0
Median AU14_r	0.0	0.0
Range AU14_r	1.54	1.02
Skewness AU14_r	6.604762841463937	7.339268104207634
Kurtosis AU14_r	53.90831901930163	60.95384716156832
Variance AU14_r	0.01431984386096524	0.005893507031487585
Coefficient of Variation AU14_r	4.014275411519397	5.582416415463778

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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	0.0	0.0
IQR AU14_r	0.0	0.0
10th Percentile AU14_r	0.0	0.0
90th Percentile AU14_r	0.07	0.0
Mean Absolute Deviation AU14_r	0.050787345000000005	0.025772923346370307
Harmonic Mean AU14_r	0.05000750624709777	0.04899399441192131
Geometric Mean AU14_r	0.09654272556917809	0.11091007751183685
Count AU14_r	4000	1911
Sum AU14_r	119.24000000000001	26.279999999999998
95% Confidence Interval AU14_r	(0.026100471582607147, 0.03510952789692883)	(0.035109527829892883377, 0.01719609558229341)
Average AU15_r	0.4054975	0.26213500784929356
Standard Deviation AU15_r	0.6739283696028747	0.3912931234572214
Maximum AU15_r	5.0	2.81
Minimum AU15_r	0.0	0.0
Median AU15_r	0.07	0.08
Range AU15_r	5.0	2.81
Skewness AU15_r	2.348124079391192	2.085009550923614
Kurtosis AU15_r	6.346081927984677	5.080572870034608
Variance AU15_r	0.45417944735558885	0.1531103084649083
Coefficient of Variation AU15_r	1.6619790987684873	1.4927160117514076
Mode AU15_r	0.0	0.0
1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.51	0.39

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IQR AU15_r	0.51	0.39
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	1.350999999999999	0.83
Mean Absolute Deviation AU15_r	0.48281569125	0.2899212770484356
Harmonic Mean AU15_r	0.11428192697264537	0.09014996329768019
Geometric Mean AU15_r	0.3222709503423365	0.22459102070322176
Count AU15_r	4000	1911
Sum AU15_r	1621.99	500.94
95% Confidence Interval AU15_r	(0.38466668041799354, 0.4206869502006765)	(0.28696502006753752, 0.2796897825210496)
Average AU17_r	0.5773625	0.46128728414442705
Standard Deviation AU17_r	0.4760754462807212	0.35782592017957343
Maximum AU17_r	3.38	2.65
Minimum AU17_r	0.0	0.0
Median AU17_r	0.52	0.43
Range AU17_r	3.38	2.65
Skewness AU17_r	0.9883480612846416	1.02827678664067
Kurtosis AU17_r	1.63097305643287	2.5990833862928806
Variance AU17_r	0.22664783055138785	0.12803938915235846
Coefficient of Variation AU17_r	0.8245693931987637	0.7757116497222579
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.1675	0.17
3rd Quartile (Q3) AU17_r	0.87	0.69
IQR AU17_r	0.7025	0.5199999999999999
10th Percentile AU17_r	0.01	0.01
90th Percentile AU17_r	1.21	0.9

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Mean Absolute Deviation AU17_r	0.38340754374999997	0.28742637641942415
Harmonic Mean AU17_r	0.1922569152104688	0.20437224039889
Geometric Mean AU17_r	0.4395743558764119	0.3760635880128563
Count AU17_r	4000	1911
Sum AU17_r	2309.45	881.5200000000001
95% Confidence Interval	(0.5626045734576941, 0.5920528390230529)	(0.2895284176, 0.4773406033159123)
Average AU20_r	0.17422749999999998	0.11877551020408164
Standard Deviation AU20_r	0.29617914133964796	0.18733978801846926
Maximum AU20_r	1.61	1.13
Minimum AU20_r	0.0	0.0
Median AU20_r	0.0	0.02
Range AU20_r	1.61	1.13
Skewness AU20_r	1.9216246602493763	1.972507320279435
Kurtosis AU20_r	3.0489170370834255	3.755278637590001
Variance AU20_r	0.08772208376469115	0.035096196174805
Coefficient of Variation AU20_r	1.6999956329165304	1.5772593836606517
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.22	0.17
IQR AU20_r	0.22	0.17
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.65	0.4
Mean Absolute Deviation AU20_r	0.22237064749999996	0.1394134922414806
Harmonic Mean AU20_r	0.07703785353496148	0.06304757263347653
Geometric Mean AU20_r	0.19359189072723706	0.13139280278944152

Aguida Multimodal Analyzer

Count AU20_r	4000	1911
Sum AU20_r	696.91	226.98000000000002
95% Confidence Interval (0.16520620311648, 0.18309073078733197) (0.09370873333711972532, 0.12718022669043796)		
Average AU23_r	0.14305500000000002	0.12984301412872842
Standard Deviation AU23_r	0.2922211752745166	0.27692813147497164
Maximum AU23_r	2.16	1.97
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	2.16	1.97
Skewness AU23_r	3.2381540356448353	3.6452330867859537
Kurtosis AU23_r	12.452146240073906	15.695295100543134
Variance AU23_r	0.08539321527881973	0.07668919000221919
Coefficient of Variation AU23_r	2.0427190610221	2.1327919205604755
Mode AU23_r	0.0	0.0
1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.18	0.13
IQR AU23_r	0.18	0.13
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.42	0.4
Mean Absolute Deviation AU23_r	0.187114475	0.1680354421686559
Harmonic Mean AU23_r	0.07798758076781177	0.05416299480484807
Geometric Mean AU23_r	0.17622760954624914	0.12335799833125179
Count AU23_r	4000	1911
Sum AU23_r	572.22	248.13
95% Confidence Interval (0.13392639663681653, 0.15211376013053199255) (0.11136013053195690755, 0.1422669762606493)		

Aguida Multimodal Analyzer

Average AU25_r	0.52485	0.49428571428571433
Standard Deviation AU25_r	0.563974994524236	0.5842702523222375
Maximum AU25_r	3.05	3.63
Minimum AU25_r	0.0	0.0
Median AU25_r	0.33	0.3
Range AU25_r	3.05	3.63
Skewness AU25_r	1.4168037380830822	1.8625394934783868
Kurtosis AU25_r	1.8766281056341247	3.615443621374573
Variance AU25_r	0.3180677944486121	0.3413717277486911
Coefficient of Variation AU25_r	1.0745450976931237	1.182049643426492
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.08	0.07
3rd Quartile (Q3) AU25_r	0.82	0.69
IQR AU25_r	0.74	0.6199999999999999
10th Percentile AU25_r	0.0	0.0
90th Percentile AU25_r	1.31	1.26
Mean Absolute Deviation AU25_r	0.443716425	0.427182477386559
Harmonic Mean AU25_r	0.14364117152136707	0.12183585656012064
Geometric Mean AU25_r	0.3625726395134929	0.31927132209436504
Count AU25_r	4000	1911
Sum AU25_r	2099.4	944.58
95% Confidence Interval AU25_r	(0.5073567263585196, 0.5423432736414805)	(0.46804348024495268, 0.5204981162219018)
Average AU26_r	0.6161749999999999	0.610784929356358
Standard Deviation AU26_r	0.7018227042152726	0.6711122371647185
Maximum AU26_r	3.61	3.48

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Minimum AU26_r	0.0	0.0
Median AU26_r	0.39	0.39
Range AU26_r	3.61	3.48
Skewness AU26_r	1.5148362461678404	1.4228913527684217
Kurtosis AU26_r	1.8667634710809278	1.5970013151891473
Variance AU26_r	0.492555108152038	0.45039163487223327
Coefficient of Variation AU26_r	1.1389989925188018	1.0987701315288396
Mode AU26_r	0.0	0.0
1st Quartile (Q1) AU26_r	0.06	0.08
3rd Quartile (Q3) AU26_r	0.87	0.89
IQR AU26_r	0.81	0.81
10th Percentile AU26_r	0.0	0.0
90th Percentile AU26_r	1.67	1.66
Mean Absolute Deviation AU26_r	0.534167225	0.5204848571477861
Harmonic Mean AU26_r	0.18138867680438228	0.17446670596323002
Geometric Mean AU26_r	0.46892516177430144	0.43340167227016635
Count AU26_r	4000	1911
Sum AU26_r	2464.7	1167.21
95% Confidence Interval AU26_r	(0.59426910396 40928, 0.6370500060499007)	(0.5890560559 35971, 0.6408933657091188)
Average AU45_r	0.27171749999999995	0.24127158555729986
Standard Deviation AU45_r	0.3956953612294117	0.3435452751030057
Maximum AU45_r	2.64	2.7
Minimum AU45_r	0.0	0.0
Median AU45_r	0.08	0.08
Range AU45_r	2.64	2.7

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Skewness AU45_r	1.9623319993976218	2.168580867469785
Kurtosis AU45_r	4.1924539445543685	6.738830108739146
Variance AU45_r	0.15657481889847458	0.11802335604559987
Coefficient of Variation AU45_r	1.4562748488022	1.423894464445407
Mode AU45_r	0.0	0.0
1st Quartile (Q1) AU45_r	0.0	0.0
3rd Quartile (Q3) AU45_r	0.41	0.39
IQR AU45_r	0.41	0.39
10th Percentile AU45_r	0.0	0.0
90th Percentile AU45_r	0.82	0.7
Mean Absolute Deviation AU45_r	0.29677185124999994	0.2576813901505536
Harmonic Mean AU45_r	0.10428819303030366	0.09830250067739575
Geometric Mean AU45_r	0.25700855826310604	0.2219587059292997
Count AU45_r	4000	1911
Sum AU45_r	1086.87	461.07000000000005
95% Confidence Interval AU45_r	(0.25945528648326365, 0.28092578589457936682)	(0.23583669945736660947, 0.25668422516797024)