

Aguida Multimodal Analyzer

Participant ID 20240502 Report

Pre-Test Data

Respondent ID 114604387322.0 Scores:

Confidence: 3.00 on 5

Nervousness: nan on 4

WtC: 2.00 on 3

Post-Test Data

Respondent ID 114604396318.0 Scores:

Confidence: 5.00 on 5

Nervousness: nan on 4

WtC: 3.00 on 3

System Choice Data

Participant ID: 20240502

First test strategy used: CS

Duration of first test: 0:25:00

Second test strategy used: AB+CS

Duration of second test: 0:24:00

Wear Glasses: No

Education Level: B1

Language Proficiency: 500-750

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Preferred System: CS

HR Test 1 Data

Average Heart Rate: 89.40

Standard Deviation: 4.99

Maximum Heart Rate: 101.00

Minimum Heart Rate: 76.00

Median Heart Rate: 89.00

1st Quartile (Q1): 86.00

3rd Quartile (Q3): 93.00

Range: 25.00

Interquartile Range (IQR): 7.00

Total Duration (records): 387

Count of Records: 387

Variance: 24.91

Skewness: 0.03

Kurtosis: -0.26

Mode: 89

95% Confidence Interval: (88.90, 89.90)

HR Test 2 Data

Average Heart Rate: 63.77

Standard Deviation: 37.65

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Maximum Heart Rate: 103.00

Minimum Heart Rate: 0.00

Median Heart Rate: 82.00

1st Quartile (Q1): 0.00

3rd Quartile (Q3): 86.00

Range: 103.00

Interquartile Range (IQR): 86.00

Total Duration (records): 450

Count of Records: 450

Variance: 1417.56

Skewness: -1.05

Kurtosis: -0.76

Mode: 0

95% Confidence Interval: (60.28, 67.26)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	89.40	63.77
Standard Deviation	4.99	37.65
Maximum Heart Rate	101.00	103.00
Minimum Heart Rate	76.00	0.00
Median Heart Rate	89.00	82.00
1st Quartile (Q1)	86.00	0.00
3rd Quartile (Q3)	93.00	86.00

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Range	25.00	103.00
Interquartile Range (IQR)	7.00	86.00
Total Duration (records)	387	450
Count of Records	387	450
Variance	24.91	1417.56
Skewness	0.03	-1.05
Kurtosis	-0.26	-0.76
Mode	89	0
95% Confidence Interval	(88.90, 89.90)	(60.28, 67.26)

Dialog Test 1 Data

Category Counts:

Category

Peter Utterance 40

User Utterance 13

Utterance Counts:

Utterance

Awesome! 14

(Come on, you can do it...) 3

Take it easy 2

Here you are. Enjoy your meal! 2

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

You are welcome! 2

Great! 2

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Did you enjoy?	1	
Excuse me, here is your bill...	1	
Alright, thank you.	1	
Very sorry but It is time for last orders. Would you have anything else?	1	
no it is okay	1	
peace out for you	1	
Could you say that again?	1	
i enjoy thank you	1	
Oh really? I'm very glad to hear that.	1	
do	1	
i it so hi i don't thank dude	1	
	1	
please for the under potato	1	
thank you	1	
yeah i have about is	1	
More drink? more food?	1	
please coca cola	1	
Sure. Anything to drink?	1	
a coca cola on both sara sara the under potato	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	
couldn't my name is other tv know	1	
May I have your name please?	1	
Thank you for coming today and hope to see you soon.	1	

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Strategy Counts:

Strategy

CS 53

Confidence Stats:

count 53.0

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 52

User Utterance 19

Utterance Counts:

Utterance

Awesome! 11

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Take it easy	10
(Come on, you can do it...)	4
Great!	3
Could you say that again?	3
This is embarrassing, I still can't get you...	2
Please repeat that...	2
Sure. What about food?	2
hello	1
no thank you	1
the them potato police	1
I've got it. Thank you for your order.	1
Here you are. Enjoy your meal!	1
More drink? more food?	1
Very sorry but It is time for last orders. Would you have anything else?	1
That's alright, thank you.	1
up pretty	1
no so	1
Alright, thank you.	1
Excuse me, here is your bill...	1
Did you enjoy?	1
yes i enjoy	1
Oh really? I'm very glad to hear that.	1
peace out pretty	1
stay on some other pretty	1
fifa on a boat sort of for pretty	1

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sarah that pretty	1	
follow that for days	1	
that is being spent on the forever	1	
but is being a stay on the hook it up	1	
please call ease orange juice and have been mistake		1
And this is the menu. Please call me when you are ready to order.		1
Here is your table.	1	
Alright! Let me guide you to your table then.		1
i would do like nonsmoking smoking the table		1
hundred tonight nonsmoking the table		1
Let see... Would you like smoking or non smoking table?		1
the people because cleaver	1	
	1	
Good evening, did you book a table?		1
Thank you for coming today and hope to see you soon.		1

Strategy Counts:

Strategy

AB+CS 71

Confidence Stats:

count 71.0

mean 0.0

std 0.0

min 0.0

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25% 0.0

50% 0.0

75% 0.0

max 0.0

Dialogs Comparison Data

Metric	Test 1	Test 2
Category Count: User Utterance	13	19
Category Count: Peter Utterance	40	52
Utterance Count: no so	0	1
Utterance Count: Please repeat that...	0	2
Utterance Count: Good evening, did you book a table?	0	1
Utterance Count: do	1	0
Utterance Count: a coca cola on both sara sara the under potato		0
Utterance Count: More drink? more food?	1	1
Utterance Count: i enjoy thank you	1	0
Utterance Count: May I have your name please?	1	0
Utterance Count: Thank you for coming today and hope to see you soon.		1
Utterance Count: sorry but It is time for last orders. Would you have anything else?		1
Utterance Count: fifa on a boat sort of for pretty	0	1
Utterance Count: Oh really? I'm very glad to hear that.	1	1
Utterance Count: up pretty	0	1
Utterance Count: but is being a stay on the hook it up	0	1
Utterance Count: i would do like nonsmoking smoking the table		1

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Utterance Count: i it so hi i don't thank dude	1	0
Utterance Count: peace out pretty	0	1
Utterance Count: yes i enjoy	0	1
Utterance Count: couldn't my name is other tv know	1	0
Utterance Count: please coca cola	1	0
Utterance Count: peace out for you	1	0
Utterance Count: (Come on, you can do it...)	3	4
Utterance Count: Awesome!	14	11
Utterance Count: stay on some other pretty	0	1
Utterance Count: no it is okay	1	0
Utterance Count: please call ease orange juice and have been mistake	0	1
Utterance Count: Excuse me, here is your bill...	1	1
Utterance Count: Sure! Please come this way.	1	0
Utterance Count: hundred tonight nonsmoking the table	0	1
Utterance Count: Alright! Let me guide you to your table then.	0	1
Utterance Count: Could you say that again?	1	3
Utterance Count: Did you enjoy?	1	1
Utterance Count: Let see... Would you like smoking or non smoking table?	0	1
Utterance Count: the them potato police	0	1
Utterance Count: sarah that pretty	0	1
Utterance Count: Take it easy	2	10
Utterance Count: I've got it. Thank you for your order.	2	1
Utterance Count: Sure. What about food?	0	2
Utterance Count: Great!	2	3
Utterance Count: And this is the menu. Please call me when you are ready to order.	0	1

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Utterance Count: no thank you	0	1
Utterance Count: please for the under potato	1	0
Utterance Count: You are welcome!	2	0
Utterance Count: hello	0	1
Utterance Count: That's alright, thank you.	0	1
Utterance Count: follow that for days	0	1
Utterance Count:	1	1
Utterance Count: that is being spent on the forever	0	1
Utterance Count: Alright, thank you.	1	1
Utterance Count: Here is your table.	1	1
Utterance Count: This is embarrassing, I still can't get you.	0	2
Utterance Count: yeah i have about is	1	0
Utterance Count: Here you are. Enjoy your meal!	2	1
Utterance Count: thank you	1	0
Utterance Count: the people because cleaver	0	1
Utterance Count: Sure. Anything to drink?	1	0

Tobii Test 1 Data

Average Pupil Diameter: 3.96

Standard Deviation of Pupil Diameter: 0.34

Maximum Pupil Diameter: 4.95

Minimum Pupil Diameter: 1.30

Median Pupil Diameter: 3.97

Range of Pupil Diameter: 3.65

Average Head Position: nan

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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: 0.74

Standard Deviation of Left Eye X Coordinate: 0.16

Standard Deviation of Left Eye Y Coordinate: 0.25

Average Right Eye X Coordinate: 0.47

Average Right Eye Y Coordinate: 0.72

Standard Deviation of Right Eye X Coordinate: 0.17

Standard Deviation of Right Eye Y Coordinate: 0.25

Tobii Test 2 Data

Average Pupil Diameter: 3.00

Standard Deviation of Pupil Diameter: 0.32

Maximum Pupil Diameter: 3.78

Minimum Pupil Diameter: 1.30

Median Pupil Diameter: 2.94

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Range of Pupil Diameter: 2.48

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.48

Average Left Eye Y Coordinate: 0.59

Standard Deviation of Left Eye X Coordinate: 0.15

Standard Deviation of Left Eye Y Coordinate: 0.20

Average Right Eye X Coordinate: 0.48

Average Right Eye Y Coordinate: 0.54

Standard Deviation of Right Eye X Coordinate: 0.15

Standard Deviation of Right Eye Y Coordinate: 0.20

Tobiis Comparison Data

Metric	Test 1	Test 2
Average Pupil Diameter	3.96	3.00
Standard Deviation of Pupil Diameter	0.34	0.32

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	Maximum Pupil Diameter	4.95	3.78
	Minimum Pupil Diameter	1.30	1.30
	Median Pupil Diameter	3.97	2.94
	Range of Pupil Diameter	3.65	2.48
Standard Deviation of Head Position	Average 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	Maximum Head Rotation	nan	nan
	Minimum Head Rotation	nan	nan
	Range of Head Rotation	nan	nan
	Average Left Eye X Coordinate	0.46	0.48
	Average Left Eye Y Coordinate	0.74	0.59
Standard Deviation of Left Eye X Coordinate		0.16	0.15
Standard Deviation of Left Eye Y Coordinate		0.25	0.20
Average Right Eye X Coordinate		0.47	0.48
Average Right Eye Y Coordinate		0.72	0.54
Standard Deviation of Right Eye X Coordinate		0.17	0.15
Standard Deviation of Right Eye Y Coordinate		0.25	0.20

OpenFace Test 1 Data

Average AU01_r: 0.13275232641374374

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Standard Deviation AU01_r: 0.18330374523783294

Maximum AU01_r: 1.02

Minimum AU01_r: 0.0

Median AU01_r: 0.05

Range AU01_r: 1.02

Skewness AU01_r: 1.7553204575423846

Kurtosis AU01_r: 3.04277756146025

Variance AU01_r: 0.033600263018216364

Coefficient of Variation AU01_r: 1.3807949750465214

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.2

IQR AU01_r: 0.2

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.41

Mean Absolute Deviation AU01_r: 0.14067028795214617

Harmonic Mean AU01_r: 0.07177572789589023

Geometric Mean AU01_r: 0.13208324347492906

Count AU01_r: 2794

Sum AU01_r: 370.90999999999997

95% Confidence Interval AU01_r: (0.12595255251077553, 0.13955210031671195)

Average AU02_r: 0.07614531138153185

Standard Deviation AU02_r: 0.13953426830480262

Maximum AU02_r: 1.3

Minimum AU02_r: 0.0

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Median AU02_r: 0.0

Range AU02_r: 1.3

Skewness AU02_r: 2.703056605587254

Kurtosis AU02_r: 9.893071981467076

Variance AU02_r: 0.019469812031356643

Coefficient of Variation AU02_r: 1.83247354004051

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: 0.26

Mean Absolute Deviation AU02_r: 0.09770446334281097

Harmonic Mean AU02_r: 0.05982037629247247

Geometric Mean AU02_r: 0.11136567386618344

Count AU02_r: 2794

Sum AU02_r: 212.75

95% Confidence Interval AU02_r: (0.07096919523094415, 0.08132142753211956)

Average AU04_r: 1.1091481746599856

Standard Deviation AU04_r: 0.36051102124562

Maximum AU04_r: 2.42

Minimum AU04_r: 0.0

Median AU04_r: 1.1349999999999998

Range AU04_r: 2.42

Skewness AU04_r: -0.40429906614555305

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Kurtosis AU04_r: 1.3808583857832497

Variance AU04_r: 0.1299681964395599

Coefficient of Variation AU04_r: 0.3250341383432708

Mode AU04_r: 1.21

1st Quartile (Q1) AU04_r: 0.94

3rd Quartile (Q3) AU04_r: 1.32

IQR AU04_r: 0.38000000000000001

10th Percentile AU04_r: 0.67

90th Percentile AU04_r: 1.51

Mean Absolute Deviation AU04_r: 0.26532484734390954

Harmonic Mean AU04_r: 0.9487391821283203

Geometric Mean AU04_r: 1.064647987399165

Count AU04_r: 2794

Sum AU04_r: 3098.96

95% Confidence Interval AU04_r: (1.0957747794202006, 1.1225215698997706)

Average AU05_r: 0.05597351467430208

Standard Deviation AU05_r: 0.11920401061852907

Maximum AU05_r: 0.93

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 0.93

Skewness AU05_r: 2.938867720832095

Kurtosis AU05_r: 9.974903362470158

Variance AU05_r: 0.014209596147542391

Coefficient of Variation AU05_r: 2.1296502696346966

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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: 0.19

Mean Absolute Deviation AU05_r: 0.07932310724125581

Harmonic Mean AU05_r: 0.05298697305987199

Geometric Mean AU05_r: 0.10186293976539254

Count AU05_r: 2794

Sum AU05_r: 156.39000000000001

95% Confidence Interval AU05_r: (0.051551562905224294, 0.06039546644337987)

Average AU06_r: 1.6848067287043667

Standard Deviation AU06_r: 0.492776807093073

Maximum AU06_r: 3.36

Minimum AU06_r: 0.0

Median AU06_r: 1.63

Range AU06_r: 3.36

Skewness AU06_r: 0.29850474655737796

Kurtosis AU06_r: 1.1970865875538799

Variance AU06_r: 0.24282898160884367

Coefficient of Variation AU06_r: 0.2924826917518446

Mode AU06_r: 1.48

1st Quartile (Q1) AU06_r: 1.39

3rd Quartile (Q3) AU06_r: 1.93

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IQR AU06_r: 0.54

10th Percentile AU06_r: 1.19

90th Percentile AU06_r: 2.36

Mean Absolute Deviation AU06_r: 0.3676169048205865

Harmonic Mean AU06_r: 1.5029070925234205

Geometric Mean AU06_r: 1.6144999942095273

Count AU06_r: 2794

Sum AU06_r: 4707.35

95% Confidence Interval AU06_r: (1.6665268464874925, 1.7030866109212408)

Average AU07_r: 2.031471009305655

Standard Deviation AU07_r: 0.6324644351898978

Maximum AU07_r: 4.68

Minimum AU07_r: 0.0

Median AU07_r: 2.08

Range AU07_r: 4.68

Skewness AU07_r: -0.18268606978052512

Kurtosis AU07_r: 1.0904392242126075

Variance AU07_r: 0.4000112617800765

Coefficient of Variation AU07_r: 0.31133323207308305

Mode AU07_r: 2.09

1st Quartile (Q1) AU07_r: 1.68

3rd Quartile (Q3) AU07_r: 2.41

IQR AU07_r: 0.7300000000000002

10th Percentile AU07_r: 1.21

90th Percentile AU07_r: 2.74

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Mean Absolute Deviation AU07_r: 0.47859149040612126

Harmonic Mean AU07_r: 1.7615386167230016

Geometric Mean AU07_r: 1.9371174569089191

Count AU07_r: 2794

Sum AU07_r: 5675.93

95% Confidence Interval AU07_r: (2.0080093219550785, 2.054932696656232)

Average AU09_r: 0.11096993557623477

Standard Deviation AU09_r: 0.22982821109385984

Maximum AU09_r: 2.32

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 2.32

Skewness AU09_r: 3.352455860752569

Kurtosis AU09_r: 15.613767107134855

Variance AU09_r: 0.052821006614603795

Coefficient of Variation AU09_r: 2.0710853791202855

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.12

IQR AU09_r: 0.12

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.38

Mean Absolute Deviation AU09_r: 0.15021245290424465

Harmonic Mean AU09_r: 0.07402097420122866

Geometric Mean AU09_r: 0.15787548824435993

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Count AU09_r: 2794

Sum AU09_r: 310.04999999999995

95% Confidence Interval AU09_r: (0.10244430578108671, 0.11949556537138284)

Average AU10_r: 0.2429778095919828

Standard Deviation AU10_r: 0.3595798681373974

Maximum AU10_r: 2.01

Minimum AU10_r: 0.0

Median AU10_r: 0.08

Range AU10_r: 2.01

Skewness AU10_r: 1.947369204436231

Kurtosis AU10_r: 3.516641080527404

Variance AU10_r: 0.1292976815697081

Coefficient of Variation AU10_r: 1.4798876849750888

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.34

IQR AU10_r: 0.34

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.77

Mean Absolute Deviation AU10_r: 0.26500308207227985

Harmonic Mean AU10_r: 0.09218917006188193

Geometric Mean AU10_r: 0.20981693694465964

Count AU10_r: 2794

Sum AU10_r: 678.88

95% Confidence Interval AU10_r: (0.2296389560938123, 0.25631666309015333)

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Average AU12_r: 0.20816392269148176

Standard Deviation AU12_r: 0.41980792878704604

Maximum AU12_r: 2.22

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 2.22

Skewness AU12_r: 2.55497548700285

Kurtosis AU12_r: 6.070163518478104

Variance AU12_r: 0.17623869707246953

Coefficient of Variation AU12_r: 2.016717994929603

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.19

IQR AU12_r: 0.19

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.8

Mean Absolute Deviation AU12_r: 0.27874028045576754

Harmonic Mean AU12_r: 0.07967857938353644

Geometric Mean AU12_r: 0.20357268643038964

Count AU12_r: 2794

Sum AU12_r: 581.61

95% Confidence Interval AU12_r: (0.19259086937104083, 0.2237369760119227)

Average AU14_r: 0.5045669291338583

Standard Deviation AU14_r: 0.6369815944992804

Maximum AU14_r: 3.09

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Minimum AU14_r: 0.0

Median AU14_r: 0.25

Range AU14_r: 3.09

Skewness AU14_r: 1.5925838757159099

Kurtosis AU14_r: 2.063562185732974

Variance AU14_r: 0.4057455517308457

Coefficient of Variation AU14_r: 1.2624323111955151

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.75

IQR AU14_r: 0.75

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 1.45

Mean Absolute Deviation AU14_r: 0.4867497280449107

Harmonic Mean AU14_r: 0.1468108419236631

Geometric Mean AU14_r: 0.3954755750441667

Count AU14_r: 2794

Sum AU14_r: 1409.76

95% Confidence Interval AU14_r: (0.48093767476522836, 0.5281961835024882)

Average AU15_r: 0.36491052254831785

Standard Deviation AU15_r: 0.5463014423282739

Maximum AU15_r: 5.0

Minimum AU15_r: 0.0

Median AU15_r: 0.15

Range AU15_r: 5.0

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Skewness AU15_r: 2.635023527368872

Kurtosis AU15_r: 10.5244286781885

Variance AU15_r: 0.29844526588995246

Coefficient of Variation AU15_r: 1.49708328089097

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: 1.08

Mean Absolute Deviation AU15_r: 0.38590704388020347

Harmonic Mean AU15_r: 0.14413750416006332

Geometric Mean AU15_r: 0.3321888465071809

Count AU15_r: 2794

Sum AU15_r: 1019.5600000000001

95% Confidence Interval AU15_r: (0.3446451085172084, 0.3851759365794273)

Average AU17_r: 0.9792054402290622

Standard Deviation AU17_r: 0.8871699244147108

Maximum AU17_r: 3.59

Minimum AU17_r: 0.0

Median AU17_r: 0.71

Range AU17_r: 3.59

Skewness AU17_r: 0.7901503853186886

Kurtosis AU17_r: -0.470728147264714

Variance AU17_r: 0.7870704747860037

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Coefficient of Variation AU17_r: 0.906010003587376

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.25

3rd Quartile (Q3) AU17_r: 1.6075000000000002

IQR AU17_r: 1.3575000000000002

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 2.39

Mean Absolute Deviation AU17_r: 0.7433345152640719

Harmonic Mean AU17_r: 0.32612290765600627

Geometric Mean AU17_r: 0.7483620149040386

Count AU17_r: 2794

Sum AU17_r: 2735.8999999999996

95% Confidence Interval AU17_r: (0.9462952839651718, 1.0121155964929525)

Average AU20_r: 0.18013242662848963

Standard Deviation AU20_r: 0.35174988418584785

Maximum AU20_r: 4.08

Minimum AU20_r: 0.0

Median AU20_r: 0.03

Range AU20_r: 4.08

Skewness AU20_r: 4.54263620255919

Kurtosis AU20_r: 30.212189798027048

Variance AU20_r: 0.12372798102475738

Coefficient of Variation AU20_r: 1.9527293934218022

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

Aguida Multimodal Analyzer

3rd Quartile (Q3) AU20_r: 0.23

IQR AU20_r: 0.23

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.52

Mean Absolute Deviation AU20_r: 0.2123630245607599

Harmonic Mean AU20_r: 0.07792276029832179

Geometric Mean AU20_r: 0.17628079508659358

Count AU20_r: 2794

Sum AU20_r: 503.29

95% Confidence Interval AU20_r: (0.16708403157384588, 0.19318082168313339)

Average AU23_r: 0.16191839656406587

Standard Deviation AU23_r: 0.33805276166921994

Maximum AU23_r: 3.99

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 3.99

Skewness AU23_r: 4.028991794083421

Kurtosis AU23_r: 23.580031013446742

Variance AU23_r: 0.1142796696721864

Coefficient of Variation AU23_r: 2.0877971178244925

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.19

IQR AU23_r: 0.19

10th Percentile AU23_r: 0.0

Aguida Multimodal Analyzer

90th Percentile AU23_r: 0.47700000000000027

Mean Absolute Deviation AU23_r: 0.20477791914261517

Harmonic Mean AU23_r: 0.07572890985872115

Geometric Mean AU23_r: 0.17373345563261108

Count AU23_r: 2794

Sum AU23_r: 452.400000000000003

95% Confidence Interval AU23_r: (0.1493781053461085, 0.17445868778202325)

Average AU25_r: 0.5551682176091625

Standard Deviation AU25_r: 0.6178167358794461

Maximum AU25_r: 3.14

Minimum AU25_r: 0.0

Median AU25_r: 0.36

Range AU25_r: 3.14

Skewness AU25_r: 1.6344631393282796

Kurtosis AU25_r: 2.4445650442879963

Variance AU25_r: 0.3816975191327332

Coefficient of Variation AU25_r: 1.1128460100617432

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.09

3rd Quartile (Q3) AU25_r: 0.75

IQR AU25_r: 0.66

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.43

Mean Absolute Deviation AU25_r: 0.4609525934754349

Harmonic Mean AU25_r: 0.1632812305109873

Aguida Multimodal Analyzer

Geometric Mean AU25_r: 0.3862002677856804

Count AU25_r: 2794

Sum AU25_r: 1551.1399999999999

95% Confidence Interval AU25_r: (0.5322498963713758, 0.5780865388469492)

Average AU26_r: 0.6264495347172513

Standard Deviation AU26_r: 0.5543845283676074

Maximum AU26_r: 2.71

Minimum AU26_r: 0.0

Median AU26_r: 0.53

Range AU26_r: 2.71

Skewness AU26_r: 0.7249758670763523

Kurtosis AU26_r: -0.2522765006348613

Variance AU26_r: 0.3073422052933745

Coefficient of Variation AU26_r: 0.8849627905268211

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.11

3rd Quartile (Q3) AU26_r: 1.01

IQR AU26_r: 0.9

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.41

Mean Absolute Deviation AU26_r: 0.4618867355090082

Harmonic Mean AU26_r: 0.2186221047710481

Geometric Mean AU26_r: 0.5119646877144349

Count AU26_r: 2794

Sum AU26_r: 1750.3

Aguida Multimodal Analyzer

95% Confidence Interval AU26_r: (0.6058842732529408, 0.6470147961815618)

Average AU45_r: 0.2291982820329277

Standard Deviation AU45_r: 0.3003453103690928

Maximum AU45_r: 1.64

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 1.64

Skewness AU45_r: 1.4796239470157042

Kurtosis AU45_r: 1.9163612514796933

Variance AU45_r: 0.09020730546070667

Coefficient of Variation AU45_r: 1.310416935524603

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: 0.67

Mean Absolute Deviation AU45_r: 0.2407079594324478

Harmonic Mean AU45_r: 0.10537641430797724

Geometric Mean AU45_r: 0.24612513118522875

Count AU45_r: 2794

Sum AU45_r: 640.38

95% Confidence Interval AU45_r: (0.21805677370926072, 0.24033979035659467)

OpenFace Test 2 Data

Aguida Multimodal Analyzer

Average AU01_r: 0.17569173492181683

Standard Deviation AU01_r: 0.3987307203533276

Maximum AU01_r: 4.47

Minimum AU01_r: 0.0

Median AU01_r: 0.04

Range AU01_r: 4.47

Skewness AU01_r: 6.960536067976546

Kurtosis AU01_r: 61.15449142000571

Variance AU01_r: 0.1589861873534835

Coefficient of Variation AU01_r: 2.269490483037028

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.24

IQR AU01_r: 0.24

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.45

Mean Absolute Deviation AU01_r: 0.20118158200403735

Harmonic Mean AU01_r: 0.06749959598176163

Geometric Mean AU01_r: 0.1482764123702054

Count AU01_r: 6715

Sum AU01_r: 1179.77

95% Confidence Interval AU01_r: (0.16615316914277403, 0.18523030070085963)

Average AU02_r: 0.11348175725986596

Standard Deviation AU02_r: 0.46162313466316907

Maximum AU02_r: 5.0

Aguida Multimodal Analyzer

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 5.0

Skewness AU02_r: 9.44801348294324

Kurtosis AU02_r: 95.23703569285178

Variance AU02_r: 0.2130959184562503

Coefficient of Variation AU02_r: 4.06781799832445

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: 0.27

Mean Absolute Deviation AU02_r: 0.15581700164499854

Harmonic Mean AU02_r: 0.058952520090155135

Geometric Mean AU02_r: 0.11819112665638314

Count AU02_r: 6715

Sum AU02_r: 762.03

95% Confidence Interval AU02_r: (0.10243865872155737, 0.12452485579817456)

Average AU04_r: 0.9050156366344007

Standard Deviation AU04_r: 0.32743900994924774

Maximum AU04_r: 1.95

Minimum AU04_r: 0.0

Median AU04_r: 0.94

Range AU04_r: 1.95

Aguida Multimodal Analyzer

Skewness AU04_r: -0.743465969030282

Kurtosis AU04_r: 0.9578405423646159

Variance AU04_r: 0.10721630523654355

Coefficient of Variation AU04_r: 0.3618048094361527

Mode AU04_r: 0.0

1st Quartile (Q1) AU04_r: 0.74

3rd Quartile (Q3) AU04_r: 1.12

IQR AU04_r: 0.38000000000000001

10th Percentile AU04_r: 0.5

90th Percentile AU04_r: 1.27

Mean Absolute Deviation AU04_r: 0.24691780629157892

Harmonic Mean AU04_r: 0.7255580440336762

Geometric Mean AU04_r: 0.878221737871689

Count AU04_r: 6715

Sum AU04_r: 6077.18

95% Confidence Interval AU04_r: (0.8971825343034393, 0.912848738965362)

Average AU05_r: 0.07068354430379747

Standard Deviation AU05_r: 0.18443779856315032

Maximum AU05_r: 2.02

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 2.02

Skewness AU05_r: 4.652627366169709

Kurtosis AU05_r: 27.50857267836985

Variance AU05_r: 0.03401730153882121

Aguida Multimodal Analyzer

Coefficient of Variation AU05_r: 2.609345645861188

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: 0.21600000000000363

Mean Absolute Deviation AU05_r: 0.10149400642807997

Harmonic Mean AU05_r: 0.055146518317230275

Geometric Mean AU05_r: 0.11032509668684957

Count AU05_r: 6715

Sum AU05_r: 474.64000000000004

95% Confidence Interval AU05_r: (0.06627136339088084, 0.07509572521671411)

Average AU06_r: 1.5878897989575578

Standard Deviation AU06_r: 0.36802708841773957

Maximum AU06_r: 2.79

Minimum AU06_r: 0.0

Median AU06_r: 1.58

Range AU06_r: 2.79

Skewness AU06_r: -1.384528378825024

Kurtosis AU06_r: 5.806684471500706

Variance AU06_r: 0.1354439378092387

Coefficient of Variation AU06_r: 0.2317711774830644

Mode AU06_r: 1.45

1st Quartile (Q1) AU06_r: 1.43

Aguida Multimodal Analyzer

3rd Quartile (Q3) AU06_r: 1.78

IQR AU06_r: 0.35000000000000001

10th Percentile AU06_r: 1.3

90th Percentile AU06_r: 1.99

Mean Absolute Deviation AU06_r: 0.24587663874733942

Harmonic Mean AU06_r: 1.2884828996170934

Geometric Mean AU06_r: 1.5629999201554923

Count AU06_r: 6715

Sum AU06_r: 10662.68

95% Confidence Interval AU06_r: (1.5790857354326016, 1.596693862482514)

Average AU07_r: 1.5362442293373046

Standard Deviation AU07_r: 0.5819557689795147

Maximum AU07_r: 4.81

Minimum AU07_r: 0.0

Median AU07_r: 1.56

Range AU07_r: 4.81

Skewness AU07_r: 0.06468978069199093

Kurtosis AU07_r: 0.7244143019578528

Variance AU07_r: 0.33867251704853835

Coefficient of Variation AU07_r: 0.37881722050832706

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 1.14

3rd Quartile (Q3) AU07_r: 1.93

IQR AU07_r: 0.79

10th Percentile AU07_r: 0.8

Aguida Multimodal Analyzer

90th Percentile AU07_r: 2.2360000000000038

Mean Absolute Deviation AU07_r: 0.46197353431848437

Harmonic Mean AU07_r: 1.2357414855215636

Geometric Mean AU07_r: 1.4369309450676389

Count AU07_r: 6715

Sum AU07_r: 10315.880000000001

95% Confidence Interval AU07_r: (1.5223224944431746, 1.5501659642314347)

Average AU09_r: 0.08789724497393893

Standard Deviation AU09_r: 0.20065513384266828

Maximum AU09_r: 1.91

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 1.91

Skewness AU09_r: 4.183375211164344

Kurtosis AU09_r: 23.60165258564018

Variance AU09_r: 0.04026248273741912

Coefficient of Variation AU09_r: 2.2828375781534618

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: 0.29

Mean Absolute Deviation AU09_r: 0.11973871146769687

Harmonic Mean AU09_r: 0.0503844251996548

Aguida Multimodal Analyzer

Geometric Mean AU09_r: 0.10797433936038998

Count AU09_r: 6715

Sum AU09_r: 590.2299999999999

95% Confidence Interval AU09_r: (0.08309710769992877, 0.09269738224794909)

Average AU10_r: 0.4532077438570365

Standard Deviation AU10_r: 0.39177922349692634

Maximum AU10_r: 2.25

Minimum AU10_r: 0.0

Median AU10_r: 0.39

Range AU10_r: 2.25

Skewness AU10_r: 0.9954160815359185

Kurtosis AU10_r: 0.8592633820399382

Variance AU10_r: 0.15349095996385456

Coefficient of Variation AU10_r: 0.8644583611098057

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.13

3rd Quartile (Q3) AU10_r: 0.66

IQR AU10_r: 0.53

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 1.02

Mean Absolute Deviation AU10_r: 0.31104848005349156

Harmonic Mean AU10_r: 0.19171089467916339

Geometric Mean AU10_r: 0.3751759595992464

Count AU10_r: 6715

Sum AU10_r: 3043.29

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95% Confidence Interval AU10_r: (0.44383547404327284, 0.46258001367080015)

Average AU12_r: 0.1597855547282204

Standard Deviation AU12_r: 0.22921388861066844

Maximum AU12_r: 1.75

Minimum AU12_r: 0.0

Median AU12_r: 0.07

Range AU12_r: 1.75

Skewness AU12_r: 2.371117676607391

Kurtosis AU12_r: 7.36931469981449

Variance AU12_r: 0.05253900673202392

Coefficient of Variation AU12_r: 1.4345094523753341

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.23

IQR AU12_r: 0.23

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.45

Mean Absolute Deviation AU12_r: 0.16414600800931886

Harmonic Mean AU12_r: 0.06464417895674572

Geometric Mean AU12_r: 0.1333559296311184

Count AU12_r: 6715

Sum AU12_r: 1072.96

95% Confidence Interval AU12_r: (0.15430222564826981, 0.16526888380817098)

Average AU14_r: 0.4160610573343262

Standard Deviation AU14_r: 0.4480448565393062

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Maximum AU14_r: 3.12

Minimum AU14_r: 0.0

Median AU14_r: 0.29

Range AU14_r: 3.12

Skewness AU14_r: 1.1855088431426593

Kurtosis AU14_r: 1.0351123488095988

Variance AU14_r: 0.2007441934713275

Coefficient of Variation AU14_r: 1.0768728498886628

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.01

3rd Quartile (Q3) AU14_r: 0.66

IQR AU14_r: 0.65

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 1.1

Mean Absolute Deviation AU14_r: 0.3610577800891415

Harmonic Mean AU14_r: 0.15123467303874807

Geometric Mean AU14_r: 0.353134323776488

Count AU14_r: 6715

Sum AU14_r: 2793.8500000000004

95% Confidence Interval AU14_r: (0.4053427827748067, 0.4267793318938457)

Average AU15_r: 0.2432717795979151

Standard Deviation AU15_r: 0.41499669256629534

Maximum AU15_r: 3.85

Minimum AU15_r: 0.0

Median AU15_r: 0.09

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Range AU15_r: 3.85

Skewness AU15_r: 3.2349764628910083

Kurtosis AU15_r: 13.708975415850333

Variance AU15_r: 0.17222225484096423

Coefficient of Variation AU15_r: 1.7058973846132541

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.29

IQR AU15_r: 0.29

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.66

Mean Absolute Deviation AU15_r: 0.26348327507181274

Harmonic Mean AU15_r: 0.08187006166440462

Geometric Mean AU15_r: 0.18375654794182258

Count AU15_r: 6715

Sum AU15_r: 1633.57

95% Confidence Interval AU15_r: (0.2333440939492621, 0.2531994652465681)

Average AU17_r: 0.5360923306031273

Standard Deviation AU17_r: 0.43640750871888506

Maximum AU17_r: 3.04

Minimum AU17_r: 0.0

Median AU17_r: 0.47

Range AU17_r: 3.04

Skewness AU17_r: 1.0875951135506081

Kurtosis AU17_r: 1.7662853493596096

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Variance AU17_r: 0.19045151366622373

Coefficient of Variation AU17_r: 0.814052885680919

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.19

3rd Quartile (Q3) AU17_r: 0.78

IQR AU17_r: 0.5900000000000001

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 1.11

Mean Absolute Deviation AU17_r: 0.3421288900445708

Harmonic Mean AU17_r: 0.23429408520701178

Geometric Mean AU17_r: 0.4436018087237755

Count AU17_r: 6715

Sum AU17_r: 3599.8599999999997

95% Confidence Interval AU17_r: (0.5256524484573659, 0.5465322127488887)

Average AU20_r: 0.15108265078183172

Standard Deviation AU20_r: 0.26704481374524014

Maximum AU20_r: 2.83

Minimum AU20_r: 0.0

Median AU20_r: 0.02

Range AU20_r: 2.83

Skewness AU20_r: 2.9443712236839215

Kurtosis AU20_r: 12.524219859105187

Variance AU20_r: 0.07131293254822998

Coefficient of Variation AU20_r: 1.767541225702093

Mode AU20_r: 0.0

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1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.18

IQR AU20_r: 0.18

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.49

Mean Absolute Deviation AU20_r: 0.18194562955430907

Harmonic Mean AU20_r: 0.07253624270742816

Geometric Mean AU20_r: 0.1576637213664804

Count AU20_r: 6715

Sum AU20_r: 1014.52

95% Confidence Interval AU20_r: (0.14469431802531868, 0.15747098353834477)

Average AU23_r: 0.17562025316455696

Standard Deviation AU23_r: 0.36616601852122443

Maximum AU23_r: 4.78

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 4.78

Skewness AU23_r: 4.381681347043684

Kurtosis AU23_r: 31.8202453240754

Variance AU23_r: 0.1340775531196857

Coefficient of Variation AU23_r: 2.0849874198628178

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.21

IQR AU23_r: 0.21

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10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.61

Mean Absolute Deviation AU23_r: 0.23304780342516748

Harmonic Mean AU23_r: 0.09140573858251576

Geometric Mean AU23_r: 0.22385892614480266

Count AU23_r: 6715

Sum AU23_r: 1179.29

95% Confidence Interval AU23_r: (0.16686071075804282, 0.1843797955710711)

Average AU25_r: 0.40816232315711093

Standard Deviation AU25_r: 0.39100237870513904

Maximum AU25_r: 2.76

Minimum AU25_r: 0.0

Median AU25_r: 0.32

Range AU25_r: 2.76

Skewness AU25_r: 1.2217091394351454

Kurtosis AU25_r: 1.9234178568967542

Variance AU25_r: 0.15288286015307698

Coefficient of Variation AU25_r: 0.9579580390486786

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.07

3rd Quartile (Q3) AU25_r: 0.64

IQR AU25_r: 0.5700000000000001

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 0.93

Mean Absolute Deviation AU25_r: 0.3116475895254564

Aguida Multimodal Analyzer

Harmonic Mean AU25_r: 0.1487430876349647

Geometric Mean AU25_r: 0.33289632096586136

Count AU25_r: 6715

Sum AU25_r: 2740.81

95% Confidence Interval AU25_r: (0.3988086372767347, 0.41751600903748715)

Average AU26_r: 0.5397632166790767

Standard Deviation AU26_r: 0.46837281047375207

Maximum AU26_r: 2.63

Minimum AU26_r: 0.0

Median AU26_r: 0.51

Range AU26_r: 2.63

Skewness AU26_r: 0.513367217236833

Kurtosis AU26_r: -0.6423725116013252

Variance AU26_r: 0.2193730895910813

Coefficient of Variation AU26_r: 0.8677375486151908

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.07

3rd Quartile (Q3) AU26_r: 0.89

IQR AU26_r: 0.8200000000000001

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.2

Mean Absolute Deviation AU26_r: 0.4007514974365855

Harmonic Mean AU26_r: 0.19913706923158003

Geometric Mean AU26_r: 0.47174336693891944

Count AU26_r: 6715

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Sum AU26_r: 3624.51

95% Confidence Interval AU26_r: (0.5285586502040879, 0.5509677831540655)

Average AU45_r: 0.23670290394638868

Standard Deviation AU45_r: 0.334621194491629

Maximum AU45_r: 2.92

Minimum AU45_r: 0.0

Median AU45_r: 0.08

Range AU45_r: 2.92

Skewness AU45_r: 1.9525748272611725

Kurtosis AU45_r: 4.76959850526619

Variance AU45_r: 0.11197134380300462

Coefficient of Variation AU45_r: 1.4136759157269065

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.38

IQR AU45_r: 0.38

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.69

Mean Absolute Deviation AU45_r: 0.2543225166315619

Harmonic Mean AU45_r: 0.1042368664426481

Geometric Mean AU45_r: 0.23852210750217814

Count AU45_r: 6715

Sum AU45_r: 1589.46

95% Confidence Interval AU45_r: (0.228697987064409, 0.24470782082836837)

Aguida Multimodal Analyzer

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.13275232641374374	0.17569173492181683
Standard Deviation AU01_r	0.18330374523783294	0.3987307203533276
Maximum AU01_r	1.02	4.47
Minimum AU01_r	0.0	0.0
Median AU01_r	0.05	0.04
Range AU01_r	1.02	4.47
Skewness AU01_r	1.7553204575423846	6.960536067976546
Kurtosis AU01_r	3.04277756146025	61.15449142000571
Variance AU01_r	0.033600263018216364	0.1589861873534835
Coefficient of Variation AU01_r	1.3807949750465214	2.269490483037028
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.2	0.24
IQR AU01_r	0.2	0.24
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.41	0.45
Mean Absolute Deviation AU01_r	0.14067028795214617	0.20118158200403735
Harmonic Mean AU01_r	0.07177572789589023	0.06749959598176163
Geometric Mean AU01_r	0.13208324347492906	0.1482764123702054
Count AU01_r	2794	6715
Sum AU01_r	370.90999999999997	1179.77
95% Confidence Interval	(0.12506255251077553, 0.1355810316714297)	(0.15714297403, 0.18523030070085963)

Aguida Multimodal Analyzer

Average AU02_r	0.07614531138153185	0.11348175725986596
Standard Deviation AU02_r	0.13953426830480262	0.46162313466316907
Maximum AU02_r	1.3	5.0
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	1.3	5.0
Skewness AU02_r	2.703056605587254	9.44801348294324
Kurtosis AU02_r	9.893071981467076	95.23703569285178
Variance AU02_r	0.019469812031356643	0.2130959184562503
Coefficient of Variation AU02_r	1.83247354004051	4.06781799832445
Mode AU02_r	0.0	0.0
1st Quartile (Q1) AU02_r	0.0	0.0
3rd Quartile (Q3) AU02_r	0.1	0.1
IQR AU02_r	0.1	0.1
10th Percentile AU02_r	0.0	0.0
90th Percentile AU02_r	0.26	0.27
Mean Absolute Deviation AU02_r	0.09770446334281097	0.15581700164499854
Harmonic Mean AU02_r	0.05982037629247247	0.058952520090155135
Geometric Mean AU02_r	0.11136567386618344	0.11819112665638314
Count AU02_r	2794	6715
Sum AU02_r	212.75	762.03
95% Confidence Interval for AU02_r	(0.17496219523094415, 0.080320242865872955)	
95% Confidence Interval for AU04_r	(0.320242865872955, 0.12452485579817456)	
Average AU04_r	1.1091481746599856	0.9050156366344007
Standard Deviation AU04_r	0.36051102124562	0.32743900994924774
Maximum AU04_r	2.42	1.95

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Minimum AU04_r	0.0	0.0
Median AU04_r	1.1349999999999998	0.94
Range AU04_r	2.42	1.95
Skewness AU04_r	-0.40429906614555305	-0.743465969030282
Kurtosis AU04_r	1.3808583857832497	0.9578405423646159
Variance AU04_r	0.1299681964395599	0.10721630523654355
Coefficient of Variation AU04_r	0.3250341383432708	0.3618048094361527
Mode AU04_r	1.21	0.0
1st Quartile (Q1) AU04_r	0.94	0.74
3rd Quartile (Q3) AU04_r	1.32	1.12
IQR AU04_r	0.38000000000000001	0.38000000000000001
10th Percentile AU04_r	0.67	0.5
90th Percentile AU04_r	1.51	1.27
Mean Absolute Deviation AU04_r	0.26532484734390954	0.24691780629157892
Harmonic Mean AU04_r	0.9487391821283203	0.7255580440336762
Geometric Mean AU04_r	1.064647987399165	0.878221737871689
Count AU04_r	2794	6715
Sum AU04_r	3098.96	6077.18
95% Confidence Interval AU04_r	(1.09507417794202006, 1.1226285698293746)	
Average AU05_r	0.05597351467430208	0.07068354430379747
Standard Deviation AU05_r	0.11920401061852907	0.18443779856315032
Maximum AU05_r	0.93	2.02
Minimum AU05_r	0.0	0.0
Median AU05_r	0.0	0.0
Range AU05_r	0.93	2.02

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Skewness AU05_r	2.938867720832095	4.652627366169709
Kurtosis AU05_r	9.974903362470158	27.50857267836985
Variance AU05_r	0.014209596147542391	0.03401730153882121
Coefficient of Variation AU05_r	2.1296502696346966	2.609345645861188
Mode AU05_r	0.0	0.0
1st Quartile (Q1) AU05_r	0.0	0.0
3rd Quartile (Q3) AU05_r	0.05	0.06
IQR AU05_r	0.05	0.06
10th Percentile AU05_r	0.0	0.0
90th Percentile AU05_r	0.19	0.21600000000000363
Mean Absolute Deviation AU05_r	0.07932310724125581	0.10149400642807997
Harmonic Mean AU05_r	0.05298697305987199	0.055146518317230275
Geometric Mean AU05_r	0.10186293976539254	0.11032509668684957
Count AU05_r	2794	6715
Sum AU05_r	156.39000000000001	474.64000000000004
95% Confidence Interval for AU05_r (0.05157562905224294, 0.0609627634337987) (0.05157562905224294, 0.07509572521671411)		
Average AU06_r	1.6848067287043667	1.5878897989575578
Standard Deviation AU06_r	0.492776807093073	0.36802708841773957
Maximum AU06_r	3.36	2.79
Minimum AU06_r	0.0	0.0
Median AU06_r	1.63	1.58
Range AU06_r	3.36	2.79
Skewness AU06_r	0.29850474655737796	-1.384528378825024
Kurtosis AU06_r	1.1970865875538799	5.806684471500706
Variance AU06_r	0.24282898160884367	0.1354439378092387

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Coefficient of Variation AU06_r	0.2924826917518446	0.2317711774830644
Mode AU06_r	1.48	1.45
1st Quartile (Q1) AU06_r	1.39	1.43
3rd Quartile (Q3) AU06_r	1.93	1.78
IQR AU06_r	0.54	0.3500000000000001
10th Percentile AU06_r	1.19	1.3
90th Percentile AU06_r	2.36	1.99
Mean Absolute Deviation AU06_r	0.3676169048205865	0.24587663874733942
Harmonic Mean AU06_r	1.5029070925234205	1.2884828996170934
Geometric Mean AU06_r	1.6144999942095273	1.5629999201554923
Count AU06_r	2794	6715
Sum AU06_r	4707.35	10662.68
95% Confidence Interval AU06_r	(1.6855268464874925, 1.7030867909272548)	
Average AU07_r	2.031471009305655	1.5362442293373046
Standard Deviation AU07_r	0.6324644351898978	0.5819557689795147
Maximum AU07_r	4.68	4.81
Minimum AU07_r	0.0	0.0
Median AU07_r	2.08	1.56
Range AU07_r	4.68	4.81
Skewness AU07_r	-0.18268606978052512	0.06468978069199093
Kurtosis AU07_r	1.0904392242126075	0.7244143019578528
Variance AU07_r	0.4000112617800765	0.33867251704853835
Coefficient of Variation AU07_r	0.31133323207308305	0.37881722050832706
Mode AU07_r	2.09	0.0
1st Quartile (Q1) AU07_r	1.68	1.14

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3rd Quartile (Q3) AU07_r	2.41	1.93
IQR AU07_r	0.7300000000000002	0.79
10th Percentile AU07_r	1.21	0.8
90th Percentile AU07_r	2.74	2.2360000000000038
Mean Absolute Deviation AU07_r	0.47859149040612126	0.46197353431848437
Harmonic Mean AU07_r	1.7615386167230016	1.2357414855215636
Geometric Mean AU07_r	1.9371174569089191	1.4369309450676389
Count AU07_r	2794	6715
Sum AU07_r	5675.93	10315.880000000001
95% Confidence Interval (AU07_r)	(-1.087093219550785, 2.0549522928562323)	
Average AU09_r	0.11096993557623477	0.08789724497393893
Standard Deviation AU09_r	0.22982821109385984	0.20065513384266828
Maximum AU09_r	2.32	1.91
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	2.32	1.91
Skewness AU09_r	3.352455860752569	4.183375211164344
Kurtosis AU09_r	15.613767107134855	23.60165258564018
Variance AU09_r	0.052821006614603795	0.04026248273741912
Coefficient of Variation AU09_r	2.0710853791202855	2.2828375781534618
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.12	0.08
IQR AU09_r	0.12	0.08
10th Percentile AU09_r	0.0	0.0

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	90th Percentile AU09_r	0.38	0.29
Mean Absolute Deviation AU09_r	0.15021245290424465	0.11973871146769687	
	Harmonic Mean AU09_r	0.07402097420122866	0.0503844251996548
	Geometric Mean AU09_r	0.15787548824435993	0.10797433936038998
	Count AU09_r	2794	6715
	Sum AU09_r	310.04999999999995	590.2299999999999
95% Confidence Interval AU09_r	(0.10240930578108671, 0.11948305370768294)		
	Average AU10_r	0.2429778095919828	0.4532077438570365
	Standard Deviation AU10_r	0.3595798681373974	0.39177922349692634
	Maximum AU10_r	2.01	2.25
	Minimum AU10_r	0.0	0.0
	Median AU10_r	0.08	0.39
	Range AU10_r	2.01	2.25
	Skewness AU10_r	1.947369204436231	0.9954160815359185
	Kurtosis AU10_r	3.516641080527404	0.8592633820399382
	Variance AU10_r	0.1292976815697081	0.15349095996385456
Coefficient of Variation AU10_r	1.4798876849750888	0.8644583611098057	
	Mode AU10_r	0.0	0.0
	1st Quartile (Q1) AU10_r	0.0	0.13
	3rd Quartile (Q3) AU10_r	0.34	0.66
	IQR AU10_r	0.34	0.53
	10th Percentile AU10_r	0.0	0.0
	90th Percentile AU10_r	0.77	1.02
Mean Absolute Deviation AU10_r	0.26500308207227985	0.31104848005349156	
	Harmonic Mean AU10_r	0.09218917006188193	0.19171089467916339

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Geometric Mean AU10_r	0.20981693694465964	0.3751759595992464
Count AU10_r	2794	6715
Sum AU10_r	678.88	3043.29
95% Confidence Interval (0.22296339560938123, 0.25634683590463327284, 0.46258001367080015)		
Average AU12_r	0.20816392269148176	0.1597855547282204
Standard Deviation AU12_r	0.41980792878704604	0.22921388861066844
Maximum AU12_r	2.22	1.75
Minimum AU12_r	0.0	0.0
Median AU12_r	0.0	0.07
Range AU12_r	2.22	1.75
Skewness AU12_r	2.55497548700285	2.371117676607391
Kurtosis AU12_r	6.070163518478104	7.36931469981449
Variance AU12_r	0.17623869707246953	0.05253900673202392
Coefficient of Variation AU12_r	2.016717994929603	1.4345094523753341
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.0	0.0
3rd Quartile (Q3) AU12_r	0.19	0.23
IQR AU12_r	0.19	0.23
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.8	0.45
Mean Absolute Deviation AU12_r	0.27874028045576754	0.16414600800931886
Harmonic Mean AU12_r	0.07967857938353644	0.06464417895674572
Geometric Mean AU12_r	0.20357268643038964	0.1333559296311184
Count AU12_r	2794	6715
Sum AU12_r	581.61	1072.96

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95% Confidence Interval (CI) AU14_r	0.19259086937104083, 0.2037569082562276981, 0.16526888380817098)	
Average AU14_r	0.5045669291338583	0.4160610573343262
Standard Deviation AU14_r	0.6369815944992804	0.4480448565393062
Maximum AU14_r	3.09	3.12
Minimum AU14_r	0.0	0.0
Median AU14_r	0.25	0.29
Range AU14_r	3.09	3.12
Skewness AU14_r	1.5925838757159099	1.1855088431426593
Kurtosis AU14_r	2.063562185732974	1.0351123488095988
Variance AU14_r	0.4057455517308457	0.2007441934713275
Coefficient of Variation AU14_r	1.2624323111955151	1.0768728498886628
Mode AU14_r	0.0	0.0
1st Quartile (Q1) AU14_r	0.0	0.01
3rd Quartile (Q3) AU14_r	0.75	0.66
IQR AU14_r	0.75	0.65
10th Percentile AU14_r	0.0	0.0
90th Percentile AU14_r	1.45	1.1
Mean Absolute Deviation AU14_r	0.4867497280449107	0.3610577800891415
Harmonic Mean AU14_r	0.1468108419236631	0.15123467303874807
Geometric Mean AU14_r	0.3954755750441667	0.353134323776488
Count AU14_r	2794	6715
Sum AU14_r	1409.76	2793.8500000000004
95% Confidence Interval (CI) AU15_r	0.148093767476522836, 0.52619658350227728067, 0.4267793318938457)	
Average AU15_r	0.36491052254831785	0.2432717795979151
Standard Deviation AU15_r	0.5463014423282739	0.41499669256629534

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Maximum AU15_r	5.0	3.85
Minimum AU15_r	0.0	0.0
Median AU15_r	0.15	0.09
Range AU15_r	5.0	3.85
Skewness AU15_r	2.635023527368872	3.2349764628910083
Kurtosis AU15_r	10.5244286781885	13.708975415850333
Variance AU15_r	0.29844526588995246	0.17222225484096423
Coefficient of Variation AU15_r	1.49708328089097	1.7058973846132541
Mode AU15_r	0.0	0.0
1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.51	0.29
IQR AU15_r	0.51	0.29
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	1.08	0.66
Mean Absolute Deviation AU15_r	0.38590704388020347	0.26348327507181274
Harmonic Mean AU15_r	0.14413750416006332	0.08187006166440462
Geometric Mean AU15_r	0.3321888465071809	0.18375654794182258
Count AU15_r	2794	6715
Sum AU15_r	1019.5600000000001	1633.57
95% Confidence Interval (AU15_r)	(0.3406511085172084, 0.3850758364094273)	
Average AU17_r	0.9792054402290622	0.5360923306031273
Standard Deviation AU17_r	0.8871699244147108	0.43640750871888506
Maximum AU17_r	3.59	3.04
Minimum AU17_r	0.0	0.0
Median AU17_r	0.71	0.47

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Range AU17_r	3.59	3.04
Skewness AU17_r	0.7901503853186886	1.0875951135506081
Kurtosis AU17_r	-0.470728147264714	1.7662853493596096
Variance AU17_r	0.7870704747860037	0.19045151366622373
Coefficient of Variation AU17_r	0.906010003587376	0.814052885680919
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.25	0.19
3rd Quartile (Q3) AU17_r	1.6075000000000002	0.78
IQR AU17_r	1.3575000000000002	0.5900000000000001
10th Percentile AU17_r	0.0	0.0
90th Percentile AU17_r	2.39	1.11
Mean Absolute Deviation AU17_r	0.7433345152640719	0.3421288900445708
Harmonic Mean AU17_r	0.32612290765600627	0.23429408520701178
Geometric Mean AU17_r	0.7483620149040386	0.4436018087237755
Count AU17_r	2794	6715
Sum AU17_r	2735.8999999999996	3599.8599999999997
95% Confidence Interval (AU17_r)	(-0.9461752839651718, 1.012062585928545)	
Average AU20_r	0.18013242662848963	0.15108265078183172
Standard Deviation AU20_r	0.35174988418584785	0.26704481374524014
Maximum AU20_r	4.08	2.83
Minimum AU20_r	0.0	0.0
Median AU20_r	0.03	0.02
Range AU20_r	4.08	2.83
Skewness AU20_r	4.54263620255919	2.9443712236839215
Kurtosis AU20_r	30.212189798027048	12.524219859105187

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Variance AU20_r	0.12372798102475738	0.07131293254822998
Coefficient of Variation AU20_r	1.9527293934218022	1.767541225702093
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.23	0.18
IQR AU20_r	0.23	0.18
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.52	0.49
Mean Absolute Deviation AU20_r	0.2123630245607599	0.18194562955430907
Harmonic Mean AU20_r	0.07792276029832179	0.07253624270742816
Geometric Mean AU20_r	0.17628079508659358	0.1576637213664804
Count AU20_r	2794	6715
Sum AU20_r	503.29	1014.52
95% Confidence Interval (0.16702408157384588, 0.190452458302539)	(0.15747098353834477)	
Average AU23_r	0.16191839656406587	0.17562025316455696
Standard Deviation AU23_r	0.33805276166921994	0.36616601852122443
Maximum AU23_r	3.99	4.78
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	3.99	4.78
Skewness AU23_r	4.028991794083421	4.381681347043684
Kurtosis AU23_r	23.580031013446742	31.8202453240754
Variance AU23_r	0.1142796696721864	0.1340775531196857
Coefficient of Variation AU23_r	2.0877971178244925	2.0849874198628178
Mode AU23_r	0.0	0.0

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1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.19	0.21
IQR AU23_r	0.19	0.21
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.4770000000000027	0.61
Mean Absolute Deviation AU23_r	0.20477791914261517	0.23304780342516748
Harmonic Mean AU23_r	0.07572890985872115	0.09140573858251576
Geometric Mean AU23_r	0.17373345563261108	0.22385892614480266
Count AU23_r	2794	6715
Sum AU23_r	452.40000000000003	1179.29
95% Confidence Interval AU23_r	(0.149231053461085, 0.17445866707207585) (0.4282, 0.1843797955710711)	
Average AU25_r	0.5551682176091625	0.40816232315711093
Standard Deviation AU25_r	0.6178167358794461	0.39100237870513904
Maximum AU25_r	3.14	2.76
Minimum AU25_r	0.0	0.0
Median AU25_r	0.36	0.32
Range AU25_r	3.14	2.76
Skewness AU25_r	1.6344631393282796	1.2217091394351454
Kurtosis AU25_r	2.4445650442879963	1.9234178568967542
Variance AU25_r	0.3816975191327332	0.15288286015307698
Coefficient of Variation AU25_r	1.1128460100617432	0.9579580390486786
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.09	0.07
3rd Quartile (Q3) AU25_r	0.75	0.64
IQR AU25_r	0.66	0.5700000000000001

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	10th Percentile AU25_r	0.0	0.0
	90th Percentile AU25_r	1.43	0.93
Mean Absolute Deviation AU25_r	0.4609525934754349	0.3116475895254564	
	Harmonic Mean AU25_r	0.1632812305109873	0.1487430876349647
	Geometric Mean AU25_r	0.3862002677856804	0.33289632096586136
	Count AU25_r	2794	6715
	Sum AU25_r	1551.1399999999999	2740.81
95% Confidence Interval AU25_r	(0.153022598963713758, 0.576086588469297347, 0.41751600903748715)		
	Average AU26_r	0.6264495347172513	0.5397632166790767
	Standard Deviation AU26_r	0.5543845283676074	0.46837281047375207
	Maximum AU26_r	2.71	2.63
	Minimum AU26_r	0.0	0.0
	Median AU26_r	0.53	0.51
	Range AU26_r	2.71	2.63
	Skewness AU26_r	0.7249758670763523	0.513367217236833
	Kurtosis AU26_r	-0.2522765006348613	-0.6423725116013252
	Variance AU26_r	0.3073422052933745	0.2193730895910813
Coefficient of Variation AU26_r	0.8849627905268211	0.8677375486151908	
	Mode AU26_r	0.0	0.0
	1st Quartile (Q1) AU26_r	0.11	0.07
	3rd Quartile (Q3) AU26_r	1.01	0.89
	IQR AU26_r	0.9	0.8200000000000001
	10th Percentile AU26_r	0.0	0.0
	90th Percentile AU26_r	1.41	1.2
Mean Absolute Deviation AU26_r	0.4618867355090082	0.4007514974365855	

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Harmonic Mean AU26_r	0.2186221047710481	0.19913706923158003
Geometric Mean AU26_r	0.5119646877144349	0.47174336693891944
Count AU26_r	2794	6715
Sum AU26_r	1750.3	3624.51
95% Confidence Interval AU26_r	(-0.0052842732529408, 0.64705285385620879, 0.5509677831540655)	
Average AU45_r	0.2291982820329277	0.23670290394638868
Standard Deviation AU45_r	0.3003453103690928	0.334621194491629
Maximum AU45_r	1.64	2.92
Minimum AU45_r	0.0	0.0
Median AU45_r	0.08	0.08
Range AU45_r	1.64	2.92
Skewness AU45_r	1.4796239470157042	1.9525748272611725
Kurtosis AU45_r	1.9163612514796933	4.76959850526619
Variance AU45_r	0.09020730546070667	0.11197134380300462
Coefficient of Variation AU45_r	1.310416935524603	1.4136759157269065
Mode AU45_r	0.0	0.0
1st Quartile (Q1) AU45_r	0.0	0.0
3rd Quartile (Q3) AU45_r	0.39	0.38
IQR AU45_r	0.39	0.38
10th Percentile AU45_r	0.0	0.0
90th Percentile AU45_r	0.67	0.69
Mean Absolute Deviation AU45_r	0.2407079594324478	0.2543225166315619
Harmonic Mean AU45_r	0.10537641430797724	0.1042368664426481
Geometric Mean AU45_r	0.24612513118522875	0.23852210750217814
Count AU45_r	2794	6715

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Sum AU45_r	640.38	1589.46
95% Confidence Interval	(0.21808677370926072, 0.24032788973859674)	(0.24470782082836837, 0.26709260720926072)