Aguida Multimodal Analyzer

Participant ID 20240504 Report

Pre-Test Data

Respondent ID 114605281984.0 Scores:

Confidence: 3.00 on 5

Nervousness: nan on 4

WtC: 2.00 on 3

Post-Test Data

Respondent ID 114605292123.0 Scores:

Confidence: nan on 5

Nervousness: nan on 4

WtC: nan on 3

System Choice Data

Participant ID: 20240504

First test strategy used: CS

Duration of first test: 0:16:00

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: 89.20

Standard Deviation: 5.14

Maximum Heart Rate: 100.00

Minimum Heart Rate: 75.00

Median Heart Rate: 90.00

1st Quartile (Q1): 86.00

3rd Quartile (Q3): 93.00

Range: 25.00

Interquartile Range (IQR): 7.00

Total Duration (records): 420

Count of Records: 420

Variance: 26.37

Skewness: -0.44

Kurtosis: 0.16

Mode: 90

95% Confidence Interval: (88.71, 89.69)

HR Test 2 Data

Average Heart Rate: 90.27

Standard Deviation: 4.55

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Maximum Heart Rate: 100.00

Minimum Heart Rate: 78.00

Median Heart Rate: 91.00

1st Quartile (Q1): 87.00

3rd Quartile (Q3): 94.00

Range: 22.00

Interquartile Range (IQR): 7.00

Total Duration (records): 509

Count of Records: 509

Variance: 20.67

Skewness: -0.28

Kurtosis: -0.32

Mode: 92

95% Confidence Interval: (89.88, 90.67)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	89.20	90.27
Standard Deviation	5.14	4.55
Maximum Heart Rate	100.00	100.00
Minimum Heart Rate	75.00	78.00
Median Heart Rate	90.00	91.00
1st Quartile (Q1)	86.00	87.00
3rd Quartile (Q3)	93.00	94.00

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Range	25.00	22.00
Interquartile Range (IQR)	7.00	7.00
Total Duration (records)	420	509
Count of Records	420	509
Variance	26.37	20.67
Skewness	-0.44	-0.28
Kurtosis	0.16	-0.32
Mode	90	92
95% Confidence Interval	(88.71, 89.69)	(89.88, 90.67)

Dialog Test 1 Data

Category Counts:

Category

User Utterance   26

Peter Utterance   21

Utterance Counts:

Utterance

My pleasure!   4

thank you   3

And this is the menu. Please call me when you are ready to order.   2

Here you are. Enjoy your meal!   2

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

2

Alright, thank you.   1

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Excuse me, here is your bill...   1

don't despair   1

q   1

i'd i'd do beef steak   1

Sweet! What would like to order?   1

okay   1

Did you enjoy?   1

yes i did   1

do   1

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

the air   1

thank you   1

the   1

the beef steak   1

Could you simplify it for me?   1

dick   1

Sure. What about food?   1

bought a soda   1

Here is your table.   1

Alright! Let me guide you to your table then.   1

yeah i like non smoking thing   1

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

no   1

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

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Strategy Counts:

Strategy

CS   47

Confidence Stats:

count   47.0

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

User Utterance   59

Peter Utterance   44

Utterance Counts:

Utterance

I can understand how you feel...   16

Take it easy   12

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Awesome!	7
You're welcome.	3
Here you are!	2
okay	2
thank you	2
Just a moment please...	2
i want	1
i	1
do potato	1
drink	1
in potato	1
he's putting this food	1
added	1
i want to mung i want to mango juice	1
i want	1
and you juice	1
i want to potato	1
juice	1
drink don't sad	1
i want to potato	1
yes i have	1
i want to die want to this drink	1
when	1
gumi despair	1
May I have your name please?	1

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my name	1
thank you	1
oh	1
god nice to meet you	1
god nice to meet you	1
oh okay	1
island	1
i wanted	1
i want to or that case many	1
please	1
brave dave okay	1
this beef steak	1
i want to	1
Great!	1
i wanted coca cola	1

Strategy Counts:

Strategy

AB   103

Confidence Stats:

count   103.0

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	26	59
Category Count: Peter Utterance	21	44
Utterance Count: q	1	0
Utterance Count: brave dave okay	0	1
Utterance Count: when	0	1
Utterance Count: island	0	1
t: Thank you for coming today and hope to see you soon.		0
Utterance Count: no	1	0
nce Count: Oh really? I'm very glad to hear that.	1	0
Utterance Count: drink don't sad	0	1
Utterance Count: don't despair	1	0
Utterance Count: god nice to meet you	0	1
Utterance Count: Awesome!	0	7
Utterance Count: juice	0	1
Utterance Count: oh	0	1
Utterance Count: dick	1	0
Utterance Count: i want	0	1

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Utterance	Count A	Count B
Utterance Count: god nice to meet you	0	1
Utterance Count: do potato	0	1
Utterance Count: this beef steak	0	1
Utterance Count: Just a moment please...	0	2
Utterance Count: i want to or that case many	0	1
Utterance Count: Take it easy	0	12
Utterance Count: i wanted	0	1
Utterance Count: I've got it. Thank you for your order.	2	0
Utterance Count: drink	0	1
Utterance Count: Sweet! What would like to order?	1	0
Utterance Count: Great!	0	1
and this is the menu. Please call me when you are ready to order.	2	0
Utterance Count: my name	0	1
Utterance Count: yes i have	0	1
Utterance Count: thank you	0	1
Utterance Count: please	0	1
Utterance Count: i	0	1
Utterance Count: i wanted coca cola	0	1
Utterance Count: do	1	0
Utterance Count: i want to mung i want to mango juice	0	1
Utterance Count: i want to	0	1
Utterance Count: I can understand how you feel...	0	16
Utterance Count: May I have your name please?	0	1
Utterance Count: i want to die want to this drink	0	1
Utterance Count: Could you simplify it for me?	1	0

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Utterance Count: in potato	0	1
Utterance Count: he's putting this food	0	1
Utterance Count: okay	1	2
Utterance Count: gumi despair	0	1
Utterance Count: yeah i like non smoking thing	1	0
Utterance Count: Excuse me, here is your bill...	1	0
Utterance Count: the air	1	0
Utterance Count: My pleasure!	4	0
Utterance Count: You're welcome.	0	3
Count: Alright! Let me guide you to your table then.	1	0
Utterance Count: the beef steak	1	0
Utterance Count: Here you are!	0	2
Utterance Count: i want	0	1
Utterance Count: Did you enjoy?	1	0
: Let see... Would you like smoking or non smoking table?	1	0
Utterance Count: and you juice	0	1
Utterance Count: i want to potato	0	1
Utterance Count: added	0	1
Utterance Count: Sure. What about food?	1	0
Utterance Count: the	1	0
Utterance Count: i want to potato	0	1
Utterance Count:	2	0
Utterance Count: thank you	1	0
Utterance Count: Alright, thank you.	1	0
Utterance Count: Here is your table.	1	0

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Utterance Count: yes i did	1	0
Utterance Count: oh okay	0	1
Utterance Count: bought a soda	1	0
Utterance Count: Here you are. Enjoy your meal!	2	0
Utterance Count: thank you	3	2
Utterance Count: i'd i'd do beef steak	1	0

<u>Tobii Test 1 Data</u>

Average Pupil Diameter: 4.72

Standard Deviation of Pupil Diameter: 0.48

Maximum Pupil Diameter: 7.04

Minimum Pupil Diameter: 1.24

Median Pupil Diameter: 4.71

Range of Pupil Diameter: 5.80

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.47

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Average Left Eye Y Coordinate: 0.66

Standard Deviation of Left Eye X Coordinate: 0.20

Standard Deviation of Left Eye Y Coordinate: 0.28

Average Right Eye X Coordinate: 0.46

Average Right Eye Y Coordinate: 0.66

Standard Deviation of Right Eye X Coordinate: 0.20

Standard Deviation of Right Eye Y Coordinate: 0.26

Tobii Test 2 Data

Average Pupil Diameter: 4.67

Standard Deviation of Pupil Diameter: 0.46

Maximum Pupil Diameter: 5.91

Minimum Pupil Diameter: 1.51

Median Pupil Diameter: 4.65

Range of Pupil Diameter: 4.41

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

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Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.40

Average Left Eye Y Coordinate: 0.76

Standard Deviation of Left Eye X Coordinate: 0.22

Standard Deviation of Left Eye Y Coordinate: 0.19

Average Right Eye X Coordinate: 0.40

Average Right Eye Y Coordinate: 0.77

Standard Deviation of Right Eye X Coordinate: 0.23

Standard Deviation of Right Eye Y Coordinate: 0.20

Tobiis Comparison Data

Metric	Test 1	Test 2
Average Pupil Diameter	4.72	4.67
Standard Deviation of Pupil Diameter	0.48	0.46
Maximum Pupil Diameter	7.04	5.91
Minimum Pupil Diameter	1.24	1.51
Median Pupil Diameter	4.71	4.65
Range of Pupil Diameter	5.80	4.41
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

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Standard Deviation of Head Rotation	nan	nan
Maximum Head Rotation	nan	nan
Minimum Head Rotation	nan	nan
Range of Head Rotation	nan	nan
Average Left Eye X Coordinate	0.47	0.40
Average Left Eye Y Coordinate	0.66	0.76
Standard Deviation of Left Eye X Coordinate	0.20	0.22
Standard Deviation of Left Eye Y Coordinate	0.28	0.19
Average Right Eye X Coordinate	0.46	0.40
Average Right Eye Y Coordinate	0.66	0.77
Standard Deviation of Right Eye X Coordinate	0.20	0.23
Standard Deviation of Right Eye Y Coordinate	0.26	0.20

OpenFace Test 1 Data

Average AU01_r: 0.2824678206835331

Standard Deviation AU01_r: 0.4029656265046883

Maximum AU01_r: 2.53

Minimum AU01_r: 0.0

Median AU01_r: 0.05

Range AU01_r: 2.53

Skewness AU01_r: 1.6070113391329037

Kurtosis AU01_r: 2.3137600420301956

Variance AU01_r: 0.16238129614431596

Coefficient of Variation AU01_r: 1.4265894979809282

Mode AU01_r: 0.0

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1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.46

IQR AU01_r: 0.46

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.9379999999999995

Mean Absolute Deviation AU01_r: 0.31859515221505713

Harmonic Mean AU01_r: 0.14587972178813433

Geometric Mean AU01_r: 0.33395478171426757

Count AU01_r: 2253

Sum AU01_r: 636.4000000000001

95% Confidence Interval AU01_r: (0.265819555903855, 0.2991160854632112)

Average AU02_r: 0.13670217487794054

Standard Deviation AU02_r: 0.34658252713738674

Maximum AU02_r: 3.38

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 3.38

Skewness AU02_r: 4.740879369944126

Kurtosis AU02_r: 27.98380202609713

Variance AU02_r: 0.12011944811693744

Coefficient of Variation AU02_r: 2.535310995943155

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.12

IQR AU02_r: 0.12

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10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.37799999999999956

Mean Absolute Deviation AU02_r: 0.18587743638752413

Harmonic Mean AU02_r: 0.07812602888361096

Geometric Mean AU02_r: 0.16892418609440427

Count AU02_r: 2253

Sum AU02_r: 307.99

95% Confidence Interval AU02_r: (0.12238334145822188, 0.1510210082976592)

Average AU04_r: 1.835446071904128

Standard Deviation AU04_r: 0.3751541285968445

Maximum AU04_r: 2.95

Minimum AU04_r: 0.0

Median AU04_r: 1.85

Range AU04_r: 2.95

Skewness AU04_r: -0.691348537635962

Kurtosis AU04_r: 2.291731941184275

Variance AU04_r: 0.14074062020325773

Coefficient of Variation AU04_r: 0.20439398048216814

Mode AU04_r: 1.81

1st Quartile (Q1) AU04_r: 1.63

3rd Quartile (Q3) AU04_r: 2.07

IQR AU04_r: 0.43999999999999995

10th Percentile AU04_r: 1.43

90th Percentile AU04_r: 2.27

Mean Absolute Deviation AU04_r: 0.2791968335753542

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Harmonic Mean AU04_r: 1.7397261053928597

Geometric Mean AU04_r: 1.7975286840274722

Count AU04_r: 2253

Sum AU04_r: 4135.26

95% Confidence Interval AU04_r: (1.8199468212106025, 1.8509453225976533)

Average AU05_r: 0.05563249001331558

Standard Deviation AU05_r: 0.10834050923894578

Maximum AU05_r: 0.99

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 0.99

Skewness AU05_r: 3.137997472040673

Kurtosis AU05_r: 13.315859118626467

Variance AU05_r: 0.011737665942154097

Coefficient of Variation AU05_r: 1.9474323226052725

Mode AU05_r: 0.0

1st Quartile (Q1) AU05_r: 0.0

3rd Quartile (Q3) AU05_r: 0.07

IQR AU05_r: 0.07

10th Percentile AU05_r: 0.0

90th Percentile AU05_r: 0.18

Mean Absolute Deviation AU05_r: 0.07243249568706439

Harmonic Mean AU05_r: 0.05556553228411122

Geometric Mean AU05_r: 0.09140693333353277

Count AU05_r: 2253

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Sum AU05_r: 125.34

95% Confidence Interval AU05_r: (0.051156471798510975, 0.06010850822812018)

Average AU06_r: 0.591473590767865

Standard Deviation AU06_r: 0.3826876927662852

Maximum AU06_r: 1.84

Minimum AU06_r: 0.0

Median AU06_r: 0.64

Range AU06_r: 1.84

Skewness AU06_r: 0.18099435321519064

Kurtosis AU06_r: -0.5174394648976821

Variance AU06_r: 0.14644987019478273

Coefficient of Variation AU06_r: 0.647007235385558

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.25

3rd Quartile (Q3) AU06_r: 0.86

IQR AU06_r: 0.61

10th Percentile AU06_r: 0.05

90th Percentile AU06_r: 1.0679999999999996

Mean Absolute Deviation AU06_r: 0.31608429378277303

Harmonic Mean AU06_r: 0.1976909644706505

Geometric Mean AU06_r: 0.45209256460899333

Count AU06_r: 2253

Sum AU06_r: 1332.59

95% Confidence Interval AU06_r: (0.5756630957329414, 0.6072840858027886)

Average AU07_r: 1.686387039502885

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Standard Deviation AU07_r: 0.6494338942445066

Maximum AU07_r: 3.57

Minimum AU07_r: 0.0

Median AU07_r: 1.77

Range AU07_r: 3.57

Skewness AU07_r: -0.30857248848574875

Kurtosis AU07_r: -0.22626474878898994

Variance AU07_r: 0.421764382993585

Coefficient of Variation AU07_r: 0.38510370337994737

Mode AU07_r: 1.64

1st Quartile (Q1) AU07_r: 1.28

3rd Quartile (Q3) AU07_r: 2.13

IQR AU07_r: 0.8499999999999999

10th Percentile AU07_r: 0.71

90th Percentile AU07_r: 2.43

Mean Absolute Deviation AU07_r: 0.5171685708201068

Harmonic Mean AU07_r: 1.116296976026063

Geometric Mean AU07_r: 1.5207410793881302

Count AU07_r: 2253

Sum AU07_r: 3799.43

95% Confidence Interval AU07_r: (1.659556097315427, 1.713217981690343)

Average AU09_r: 0.09396804260985353

Standard Deviation AU09_r: 0.18172565069946464

Maximum AU09_r: 1.07

Minimum AU09_r: 0.0

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Median AU09_r: 0.0

Range AU09_r: 1.07

Skewness AU09_r: 2.4175984618681694

Kurtosis AU09_r: 5.676238573177798

Variance AU09_r: 0.033024212122143834

Coefficient of Variation AU09_r: 1.933909078578687

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.1

IQR AU09_r: 0.1

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.35

Mean Absolute Deviation AU09_r: 0.12566211762035884

Harmonic Mean AU09_r: 0.05833514525163909

Geometric Mean AU09_r: 0.12659527584405614

Count AU09_r: 2253

Sum AU09_r: 211.71

95% Confidence Interval AU09_r: (0.08646016463935177, 0.10147592058035529)

Average AU10_r: 0.2059964491788726

Standard Deviation AU10_r: 0.2931402588438839

Maximum AU10_r: 2.5

Minimum AU10_r: 0.0

Median AU10_r: 0.1

Range AU10_r: 2.5

Skewness AU10_r: 2.647100629506025

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Kurtosis AU10_r: 10.27500160539977

Variance AU10_r: 0.08593121135505924

Coefficient of Variation AU10_r: 1.4230354941183565

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.29

IQR AU10_r: 0.29

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.56

Mean Absolute Deviation AU10_r: 0.20536241366002306

Harmonic Mean AU10_r: 0.0854321923168109

Geometric Mean AU10_r: 0.17550900615310797

Count AU10_r: 2253

Sum AU10_r: 464.11

95% Confidence Interval AU10_r: (0.19388554858135085, 0.21810734977639437)

Average AU12_r: 0.1642121615623613

Standard Deviation AU12_r: 0.14469807879974161

Maximum AU12_r: 0.63

Minimum AU12_r: 0.0

Median AU12_r: 0.14

Range AU12_r: 0.63

Skewness AU12_r: 0.6881374348114975

Kurtosis AU12_r: -0.34682191022689324

Variance AU12_r: 0.02093753400833623

Coefficient of Variation AU12_r: 0.8811654229689376

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Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.03

3rd Quartile (Q3) AU12_r: 0.26

IQR AU12_r: 0.23

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.37

Mean Absolute Deviation AU12_r: 0.12127215298475633

Harmonic Mean AU12_r: 0.07698125319216108

Geometric Mean AU12_r: 0.14103970883093855

Count AU12_r: 2253

Sum AU12_r: 369.96999999999997

95% Confidence Interval AU12_r: (0.1582340538268103, 0.17019026929791228)

Average AU14_r: 0.02459387483355526

Standard Deviation AU14_r: 0.14046919821192924

Maximum AU14_r: 1.99

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.99

Skewness AU14_r: 8.299079982712861

Kurtosis AU14_r: 80.02347794484244

Variance AU14_r: 0.019731595646302266

Coefficient of Variation AU14_r: 5.711552130869456

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

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IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.0

Mean Absolute Deviation AU14_r: 0.04575650279579883

Harmonic Mean AU14_r: 0.06293107263081169

Geometric Mean AU14_r: 0.15853332916310994

Count AU14_r: 2253

Sum AU14_r: 55.410000000000004

95% Confidence Interval AU14_r: (0.018790480570114086, 0.030397269096996436)

Average AU15_r: 0.24173546382600977

Standard Deviation AU15_r: 0.3832490079611623

Maximum AU15_r: 3.71

Minimum AU15_r: 0.0

Median AU15_r: 0.1

Range AU15_r: 3.71

Skewness AU15_r: 3.614977357551047

Kurtosis AU15_r: 20.954121102716545

Variance AU15_r: 0.14687980210321505

Coefficient of Variation AU15_r: 1.5854066337449253

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.35

IQR AU15_r: 0.35

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.66

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Mean Absolute Deviation AU15_r: 0.25390466801772815

Harmonic Mean AU15_r: 0.0919825646176123

Geometric Mean AU15_r: 0.20820347268937106

Count AU15_r: 2253

Sum AU15_r: 544.63

95% Confidence Interval AU15_r: (0.22590177841609016, 0.2575691492359294)

Average AU17_r: 0.5470838881491344

Standard Deviation AU17_r: 0.46711423762081233

Maximum AU17_r: 2.49

Minimum AU17_r: 0.0

Median AU17_r: 0.45

Range AU17_r: 2.49

Skewness AU17_r: 0.9987634370735228

Kurtosis AU17_r: 0.797811552521003

Variance AU17_r: 0.21819571098807275

Coefficient of Variation AU17_r: 0.8538256156676972

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.17

3rd Quartile (Q3) AU17_r: 0.82

IQR AU17_r: 0.6499999999999999

10th Percentile AU17_r: 0.02

90th Percentile AU17_r: 1.21

Mean Absolute Deviation AU17_r: 0.3750132121515151

Harmonic Mean AU17_r: 0.19758446351468437

Geometric Mean AU17_r: 0.40993813778961036

Aguida Multimodal Analyzer

Count AU17_r: 2253

Sum AU17_r: 1232.58

95% Confidence Interval AU17_r: (0.5277853649035585, 0.5663824113947104)

Average AU20_r: 0.14711051930758987

Standard Deviation AU20_r: 0.2177165216137976

Maximum AU20_r: 1.41

Minimum AU20_r: 0.0

Median AU20_r: 0.0

Range AU20_r: 1.41

Skewness AU20_r: 1.5911241962015261

Kurtosis AU20_r: 2.080703713662998

Variance AU20_r: 0.04740048378361119

Coefficient of Variation AU20_r: 1.4799520975014664

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.25

IQR AU20_r: 0.25

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.49

Mean Absolute Deviation AU20_r: 0.17322484652804987

Harmonic Mean AU20_r: 0.09790276271470759

Geometric Mean AU20_r: 0.20156276397902848

Count AU20_r: 2253

Sum AU20_r: 331.44

95% Confidence Interval AU20_r: (0.13811570173424817, 0.15610533688093156)

Aguida Multimodal Analyzer

Average AU23_r: 0.17963604083444298

Standard Deviation AU23_r: 0.3359486591399402

Maximum AU23_r: 2.23

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.23

Skewness AU23_r: 2.5942954679248698

Kurtosis AU23_r: 7.716439721189397

Variance AU23_r: 0.11286150157792373

Coefficient of Variation AU23_r: 1.8701629003812148

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.24

IQR AU23_r: 0.24

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.62

Mean Absolute Deviation AU23_r: 0.23518994942680363

Harmonic Mean AU23_r: 0.08937005909352544

Geometric Mean AU23_r: 0.2267383164334165

Count AU23_r: 2253

Sum AU23_r: 404.72

95% Confidence Interval AU23_r: (0.1657565388077993, 0.19351554286108666)

Average AU25_r: 0.7036662228140258

Standard Deviation AU25_r: 0.5739592933528394

Maximum AU25_r: 2.34

Aguida Multimodal Analyzer

Minimum AU25_r: 0.0

Median AU25_r: 0.76

Range AU25_r: 2.34

Skewness AU25_r: 0.13464337950537528

Kurtosis AU25_r: -1.2503229698233018

Variance AU25_r: 0.32942927042609066

Coefficient of Variation AU25_r: 0.8156698087020909

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.0

3rd Quartile (Q3) AU25_r: 1.2

IQR AU25_r: 1.2

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.44

Mean Absolute Deviation AU25_r: 0.5089358036993236

Harmonic Mean AU25_r: 0.41446351467240944

Geometric Mean AU25_r: 0.7654293590298419

Count AU25_r: 2253

Sum AU25_r: 1585.3600000000001

95% Confidence Interval AU25_r: (0.6799534650500981, 0.7273789805779535)

Average AU26_r: 0.5307367953839325

Standard Deviation AU26_r: 0.5907855868626201

Maximum AU26_r: 4.36

Minimum AU26_r: 0.0

Median AU26_r: 0.37

Range AU26_r: 4.36

Aguida Multimodal Analyzer

Skewness AU26_r: 2.22182847747903

Kurtosis AU26_r: 7.301084814848489

Variance AU26_r: 0.3490276096446104

Coefficient of Variation AU26_r: 1.1131423183788276

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.1

3rd Quartile (Q3) AU26_r: 0.76

IQR AU26_r: 0.66

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.24

Mean Absolute Deviation AU26_r: 0.42313456891033885

Harmonic Mean AU26_r: 0.19136856857211004

Geometric Mean AU26_r: 0.39545067435636033

Count AU26_r: 2253

Sum AU26_r: 1195.75

95% Confidence Interval AU26_r: (0.5063288701635613, 0.5551447206043036)

Average AU45_r: 0.18916555703506438

Standard Deviation AU45_r: 0.3029807742694591

Maximum AU45_r: 2.19

Minimum AU45_r: 0.0

Median AU45_r: 0.06

Range AU45_r: 2.19

Skewness AU45_r: 2.595094696687175

Kurtosis AU45_r: 8.351276166572152

Variance AU45_r: 0.09179734957692093

Aguida Multimodal Analyzer

Coefficient of Variation AU45_r: 1.601669875945215

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.25

IQR AU45_r: 0.25

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.56

Mean Absolute Deviation AU45_r: 0.20953760326272078

Harmonic Mean AU45_r: 0.07559837115826482

Geometric Mean AU45_r: 0.16863115031295772

Count AU45_r: 2253

Sum AU45_r: 426.19000000000005

95% Confidence Interval AU45_r: (0.17664810189393423, 0.20168301217619453)

OpenFace Test 2 Data

Average AU01_r: 0.4379854872149274

Standard Deviation AU01_r: 0.6324830648357289

Maximum AU01_r: 3.87

Minimum AU01_r: 0.0

Median AU01_r: 0.02

Range AU01_r: 3.87

Skewness AU01_r: 1.5399115159021006

Kurtosis AU01_r: 1.955326646485645

Variance AU01_r: 0.4000348273039969

Aguida Multimodal Analyzer

Coefficient of Variation AU01_r: 1.4440731104073272

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.75

IQR AU01_r: 0.75

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 1.42

Mean Absolute Deviation AU01_r: 0.507936874853437

Harmonic Mean AU01_r: 0.19824516582760637

Geometric Mean AU01_r: 0.5494316045967853

Count AU01_r: 2894

Sum AU01_r: 1267.53

95% Confidence Interval AU01_r: (0.41493238028861584, 0.461038594141239)

Average AU02_r: 0.18160331720801656

Standard Deviation AU02_r: 0.43933282251013683

Maximum AU02_r: 3.79

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 3.79

Skewness AU02_r: 3.750702751506514

Kurtosis AU02_r: 16.400859442482687

Variance AU02_r: 0.1930133289347234

Coefficient of Variation AU02_r: 2.4191894138525307

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

Aguida Multimodal Analyzer

3rd Quartile (Q3) AU02_r: 0.14

IQR AU02_r: 0.14

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.59

Mean Absolute Deviation AU02_r: 0.258304563596775

Harmonic Mean AU02_r: 0.09731635710305793

Geometric Mean AU02_r: 0.2482188684829442

Count AU02_r: 2894

Sum AU02_r: 525.56

95% Confidence Interval AU02_r: (0.16559026152850215, 0.19761637288753098)

Average AU04_r: 1.754602626123013

Standard Deviation AU04_r: 0.4024765594744473

Maximum AU04_r: 2.93

Minimum AU04_r: 0.0

Median AU04_r: 1.79

Range AU04_r: 2.93

Skewness AU04_r: -1.2414791386737443

Kurtosis AU04_r: 3.8826581088979095

Variance AU04_r: 0.1619873809263883

Coefficient of Variation AU04_r: 0.22938331077490945

Mode AU04_r: 1.82

1st Quartile (Q1) AU04_r: 1.55

3rd Quartile (Q3) AU04_r: 2.01

IQR AU04_r: 0.45999999999999974

10th Percentile AU04_r: 1.34

Aguida Multimodal Analyzer

90th Percentile AU04_r: 2.19

Mean Absolute Deviation AU04_r: 0.29386309830552837

Harmonic Mean AU04_r: 1.6465375054615083

Geometric Mean AU04_r: 1.729982193490225

Count AU04_r: 2894

Sum AU04_r: 5077.82

95% Confidence Interval AU04_r: (1.7399329287401932, 1.7692723235058327)

Average AU05_r: 0.06341741534208707

Standard Deviation AU05_r: 0.12340724171650948

Maximum AU05_r: 1.05

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.05

Skewness AU05_r: 2.762369752640117

Kurtosis AU05_r: 9.161333100763125

Variance AU05_r: 0.015229347308076999

Coefficient of Variation AU05_r: 1.9459519289902385

Mode AU05_r: 0.0

1st Quartile (Q1) AU05_r: 0.0

3rd Quartile (Q3) AU05_r: 0.09

IQR AU05_r: 0.09

10th Percentile AU05_r: 0.0

90th Percentile AU05_r: 0.21

Mean Absolute Deviation AU05_r: 0.08498184409370674

Harmonic Mean AU05_r: 0.06208883898663624

Aguida Multimodal Analyzer

Geometric Mean AU05_r: 0.11042757901561416

Count AU05_r: 2894

Sum AU05_r: 183.53

95% Confidence Interval AU05_r: (0.05891939713900559, 0.06791543354516855)

Average AU06_r: 0.6497753973738769

Standard Deviation AU06_r: 0.4525133384426068

Maximum AU06_r: 1.98

Minimum AU06_r: 0.0

Median AU06_r: 0.65

Range AU06_r: 1.98

Skewness AU06_r: 0.17224564278334795

Kurtosis AU06_r: -0.8375871639483012

Variance AU06_r: 0.20476832146847324

Coefficient of Variation AU06_r: 0.6964150078188223

Mode AU06_r: 0.0

1st Quartile (Q1) AU06_r: 0.28

3rd Quartile (Q3) AU06_r: 0.99

IQR AU06_r: 0.71

10th Percentile AU06_r: 0.0

90th Percentile AU06_r: 1.26

Mean Absolute Deviation AU06_r: 0.3765290052722096

Harmonic Mean AU06_r: 0.25798967704080816

Geometric Mean AU06_r: 0.5752715918671506

Count AU06_r: 2894

Sum AU06_r: 1880.4499999999998

Aguida Multimodal Analyzer

95% Confidence Interval AU06_r: (0.6332819306604099, 0.6662688640873439)

Average AU07_r: 1.8847961299239808

Standard Deviation AU07_r: 0.7188914512438591

Maximum AU07_r: 4.17

Minimum AU07_r: 0.0

Median AU07_r: 1.92

Range AU07_r: 4.17

Skewness AU07_r: -0.13388895675972845

Kurtosis AU07_r: -0.2616005200955409

Variance AU07_r: 0.5168049186715019

Coefficient of Variation AU07_r: 0.3814160268213486

Mode AU07_r: 0.0

1st Quartile (Q1) AU07_r: 1.38

3rd Quartile (Q3) AU07_r: 2.4

IQR AU07_r: 1.02

10th Percentile AU07_r: 0.9230000000000002

90th Percentile AU07_r: 2.8

Mean Absolute Deviation AU07_r: 0.5816048598511133

Harmonic Mean AU07_r: 1.4979541949169033

Geometric Mean AU07_r: 1.749866834513944

Count AU07_r: 2894

Sum AU07_r: 5454.6

95% Confidence Interval AU07_r: (1.858593560376541, 1.9109986994714205)

Average AU09_r: 0.08904284727021423

Standard Deviation AU09_r: 0.15292996109097595

Aguida Multimodal Analyzer

Maximum AU09_r: 0.9

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 0.9

Skewness AU09_r: 1.913454322962031

Kurtosis AU09_r: 3.403882876185053

Variance AU09_r: 0.02338757299928742

Coefficient of Variation AU09_r: 1.7174873196371006

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.14

IQR AU09_r: 0.14

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.33

Mean Absolute Deviation AU09_r: 0.11760249382823361

Harmonic Mean AU09_r: 0.08293682530220729

Geometric Mean AU09_r: 0.16102896675318884

Count AU09_r: 2894

Sum AU09_r: 257.69

95% Confidence Interval AU09_r: (0.08346876799240369, 0.09461692654802478)

Average AU10_r: 0.19500345542501724

Standard Deviation AU10_r: 0.28497139046913605

Maximum AU10_r: 1.78

Minimum AU10_r: 0.0

Median AU10_r: 0.04

Aguida Multimodal Analyzer

Range AU10_r: 1.78

Skewness AU10_r: 1.7423641675910537

Kurtosis AU10_r: 2.7529698843021624

Variance AU10_r: 0.0812086933859128

Coefficient of Variation AU10_r: 1.4613658504052165

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.3

IQR AU10_r: 0.3

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.6470000000000028

Mean Absolute Deviation AU10_r: 0.21953813361199612

Harmonic Mean AU10_r: 0.07847170691451275

Geometric Mean AU10_r: 0.18691806492282437

Count AU10_r: 2894

Sum AU10_r: 564.3399999999999

95% Confidence Interval AU10_r: (0.1846166541007305, 0.20539025674930397)

Average AU12_r: 0.10884934346924671

Standard Deviation AU12_r: 0.1653705350592954

Maximum AU12_r: 0.87

Minimum AU12_r: 0.0

Median AU12_r: 0.02

Range AU12_r: 0.87

Skewness AU12_r: 1.8159931003731478

Kurtosis AU12_r: 2.830070484043153

Aguida Multimodal Analyzer

Variance AU12_r: 0.027347413865797646

Coefficient of Variation AU12_r: 1.5192607487432173

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.16

IQR AU12_r: 0.16

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.36

Mean Absolute Deviation AU12_r: 0.12600853993845668

Harmonic Mean AU12_r: 0.05261104961407862

Geometric Mean AU12_r: 0.10878990886686996

Count AU12_r: 2894

Sum AU12_r: 315.01

95% Confidence Interval AU12_r: (0.10282182298824626, 0.11487686395024717)

Average AU14_r: 0.02041810642709053

Standard Deviation AU14_r: 0.18888908229443072

Maximum AU14_r: 2.47

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 2.47

Skewness AU14_r: 10.791057626606468

Kurtosis AU14_r: 118.54072696361052

Variance AU14_r: 0.03567908541003222

Coefficient of Variation AU14_r: 9.251057778982611

Mode AU14_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.0

Mean Absolute Deviation AU14_r: 0.039405860324413546

Harmonic Mean AU14_r: 0.05999351640391277

Geometric Mean AU14_r: 0.16618378583570187

Count AU14_r: 2894

Sum AU14_r: 59.089999999999996

95% Confidence Interval AU14_r: (0.013533368394654289, 0.027302844459526774)

Average AU15_r: 0.22615756738078785

Standard Deviation AU15_r: 0.3195103366391211

Maximum AU15_r: 2.3

Minimum AU15_r: 0.0

Median AU15_r: 0.08

Range AU15_r: 2.3

Skewness AU15_r: 1.840692409817247

Kurtosis AU15_r: 3.6459490071083342

Variance AU15_r: 0.1020868552192445

Coefficient of Variation AU15_r: 1.4127775618542648

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.33

IQR AU15_r: 0.33

Aguida Multimodal Analyzer

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.72

Mean Absolute Deviation AU15_r: 0.24232222709903342

Harmonic Mean AU15_r: 0.09435357297139066

Geometric Mean AU15_r: 0.21045700822907254

Count AU15_r: 2894

Sum AU15_r: 654.5

95% Confidence Interval AU15_r: (0.21451187065922184, 0.23780326410235386)

Average AU17_r: 0.69647201105736

Standard Deviation AU17_r: 0.5837156093750034

Maximum AU17_r: 2.47

Minimum AU17_r: 0.0

Median AU17_r: 0.57

Range AU17_r: 2.47

Skewness AU17_r: 0.6357082254941133

Kurtosis AU17_r: -0.5610679113123833

Variance AU17_r: 0.34072391262803164

Coefficient of Variation AU17_r: 0.8381034702153017

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.19

3rd Quartile (Q3) AU17_r: 1.14

IQR AU17_r: 0.95

10th Percentile AU17_r: 0.0

90th Percentile AU17_r: 1.56

Mean Absolute Deviation AU17_r: 0.4945554680489004

Aguida Multimodal Analyzer

Harmonic Mean AU17_r: 0.22361587632456725

Geometric Mean AU17_r: 0.5240261601564614

Count AU17_r: 2894

Sum AU17_r: 2015.59

95% Confidence Interval AU17_r: (0.6751964084276294, 0.7177476136870906)

Average AU20_r: 0.16718728403593644

Standard Deviation AU20_r: 0.2665082589499012

Maximum AU20_r: 1.46

Minimum AU20_r: 0.0

Median AU20_r: 0.0

Range AU20_r: 1.46

Skewness AU20_r: 1.7748777049612317

Kurtosis AU20_r: 2.5997686662519293

Variance AU20_r: 0.07102665208850761

Coefficient of Variation AU20_r: 1.594070150051699

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.26

IQR AU20_r: 0.26

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.58

Mean Absolute Deviation AU20_r: 0.20594778702355376

Harmonic Mean AU20_r: 0.10449979682239681

Geometric Mean AU20_r: 0.2288394577720583

Count AU20_r: 2894

Aguida Multimodal Analyzer

Sum AU20_r: 483.84000000000003

95% Confidence Interval AU20_r: (0.1574734375602005, 0.1769011305116724)

Average AU23_r: 0.14840704906703525

Standard Deviation AU23_r: 0.2757357354718039

Maximum AU23_r: 2.66

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.66

Skewness AU23_r: 2.8972077484815504

Kurtosis AU23_r: 11.877365616846353

Variance AU23_r: 0.07603019581617664

Coefficient of Variation AU23_r: 1.8579692622771204

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: 0.52

Mean Absolute Deviation AU23_r: 0.18983855977312158

Harmonic Mean AU23_r: 0.07539971050814068

Geometric Mean AU23_r: 0.17073714917016594

Count AU23_r: 2894

Sum AU23_r: 429.49

95% Confidence Interval AU23_r: (0.13835687421391468, 0.15845722392015582)

Average AU25_r: 0.864689011748445

Aguida Multimodal Analyzer

Standard Deviation AU25_r: 0.7340789145495418

Maximum AU25_r: 3.06

Minimum AU25_r: 0.0

Median AU25_r: 0.86

Range AU25_r: 3.06

Skewness AU25_r: 0.2837708001390628

Kurtosis AU25_r: -1.1265089684269103

Variance AU25_r: 0.5388718527862335

Coefficient of Variation AU25_r: 0.8489513623692256

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.02

3rd Quartile (Q3) AU25_r: 1.46

IQR AU25_r: 1.44

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.87

Mean Absolute Deviation AU25_r: 0.6421587809585305

Harmonic Mean AU25_r: 0.28044046372295733

Geometric Mean AU25_r: 0.8182123792329744

Count AU25_r: 2894

Sum AU25_r: 2502.41

95% Confidence Interval AU25_r: (0.8379328807936082, 0.8914451427032819)

Average AU26_r: 0.5992121630960607

Standard Deviation AU26_r: 0.6925070311230117

Maximum AU26_r: 5.0

Minimum AU26_r: 0.0

Aguida Multimodal Analyzer

Median AU26_r: 0.41

Range AU26_r: 5.0

Skewness AU26_r: 2.164313445410259

Kurtosis AU26_r: 6.418309240982779

Variance AU26_r: 0.47956598815480783

Coefficient of Variation AU26_r: 1.1556958849848893

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.08

3rd Quartile (Q3) AU26_r: 0.87

IQR AU26_r: 0.79

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.37

Mean Absolute Deviation AU26_r: 0.4979172455558268

Harmonic Mean AU26_r: 0.1711660306507805

Geometric Mean AU26_r: 0.42300385223313697

Count AU26_r: 2894

Sum AU26_r: 1734.12

95% Confidence Interval AU26_r: (0.5739712680851442, 0.6244530581069773)

Average AU45_r: 0.2798617829993089

Standard Deviation AU45_r: 0.48562315233244346

Maximum AU45_r: 3.53

Minimum AU45_r: 0.0

Median AU45_r: 0.06

Range AU45_r: 3.53

Skewness AU45_r: 3.017334312125786

Aguida Multimodal Analyzer

Kurtosis AU45_r: 11.856740041100194

Variance AU45_r: 0.23582984608129962

Coefficient of Variation AU45_r: 1.735224964008904

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.36

IQR AU45_r: 0.36

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.85

Mean Absolute Deviation AU45_r: 0.32454069592785206

Harmonic Mean AU45_r: 0.0985328015885043

Geometric Mean AU45_r: 0.2506270437615572

Count AU45_r: 2894

Sum AU45_r: 809.92

95% Confidence Interval AU45_r: (0.2621615107247936, 0.29756205527382423)

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.2824678206835331	0.4379854872149274
Standard Deviation AU01_r	0.4029656265046883	0.6324830648357289
Maximum AU01_r	2.53	3.87
Minimum AU01_r	0.0	0.0
Median AU01_r	0.05	0.02
Range AU01_r	2.53	3.87

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Skewness AU01_r	1.6070113391329037	1.5399115159021006
Kurtosis AU01_r	2.3137600420301956	1.955326646485645
Variance AU01_r	0.16238129614431596	0.4000348273039969
Coefficient of Variation AU01_r	1.4265894979809282	1.4440731104073272
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.46	0.75
IQR AU01_r	0.46	0.75
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.9379999999999995	1.42
Mean Absolute Deviation AU01_r	0.31859515221505713	0.507936874853437
Harmonic Mean AU01_r	0.14587972178813433	0.19824516582760637
Geometric Mean AU01_r	0.33395478171426757	0.5494316045967853
Count AU01_r	2253	2894
Sum AU01_r	636.4000000000001	1267.53
95% Confidence Interval	(0.2658195555903855, 0.2990...)	(0.6089363802283861584, 0.461038594141239)
Average AU02_r	0.13670217487794054	0.18160331720801656
Standard Deviation AU02_r	0.34658252713738674	0.43933282251013683
Maximum AU02_r	3.38	3.79
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	3.38	3.79
Skewness AU02_r	4.740879369944126	3.750702751506514
Kurtosis AU02_r	27.98380202609713	16.400859442482687
Variance AU02_r	0.12011944811693744	0.1930133289347234

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Coefficient of Variation AU02_r	2.535310995943155	2.4191894138525307
Mode AU02_r	0.0	0.0
1st Quartile (Q1) AU02_r	0.0	0.0
3rd Quartile (Q3) AU02_r	0.12	0.14
IQR AU02_r	0.12	0.14
10th Percentile AU02_r	0.0	0.0
90th Percentile AU02_r	0.37799999999999956	0.59
Mean Absolute Deviation AU02_r	0.18587743638752413	0.258304563596775
Harmonic Mean AU02_r	0.07812602888361096	0.09731635710305793
Geometric Mean AU02_r	0.16892418609440427	0.2482188684829442
Count AU02_r	2253	2894
Sum AU02_r	307.99	525.56
95% Confidence Interval AU02_r	(0.12883834145822188, 0.16045509620762920)	(0.16255098207538215, 0.19761637288753098)
Average AU04_r	1.835446071904128	1.754602626123013
Standard Deviation AU04_r	0.3751541285968445	0.4024765594744473
Maximum AU04_r	2.95	2.93
Minimum AU04_r	0.0	0.0
Median AU04_r	1.85	1.79
Range AU04_r	2.95	2.93
Skewness AU04_r	-0.691348537635962	-1.2414791386737443
Kurtosis AU04_r	2.291731941184275	3.8826581088979095
Variance AU04_r	0.14074062020325773	0.1619873809263883
Coefficient of Variation AU04_r	0.20439398048216814	0.22938331077490945
Mode AU04_r	1.81	1.82
1st Quartile (Q1) AU04_r	1.63	1.55

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3rd Quartile (Q3) AU04_r	2.07	2.01
IQR AU04_r	0.43999999999999995	0.45999999999999974
10th Percentile AU04_r	1.43	1.34
90th Percentile AU04_r	2.27	2.19
Mean Absolute Deviation AU04_r	0.2791968335753542	0.29386309830552837
Harmonic Mean AU04_r	1.7397261053928597	1.6465375054615083
Geometric Mean AU04_r	1.7975286840274722	1.729982193490225
Count AU04_r	2253	2894
Sum AU04_r	4135.26	5077.82
95% Confidence Interval	(1.8409468212106025, 1.8500473822359785730)	(1.7239235928651932, 1.7692723235058327)
Average AU05_r	0.05563249001331558	0.06341741534208707
Standard Deviation AU05_r	0.10834050923894578	0.12340724171650948
Maximum AU05_r	0.99	1.05
Minimum AU05_r	0.0	0.0
Median AU05_r	0.0	0.0
Range AU05_r	0.99	1.05
Skewness AU05_r	3.137997472040673	2.762369752640117
Kurtosis AU05_r	13.315859118626467	9.161333100763125
Variance AU05_r	0.011737665942154097	0.015229347308076999
Coefficient of Variation AU05_r	1.9474323226052725	1.9459519289902385
Mode AU05_r	0.0	0.0
1st Quartile (Q1) AU05_r	0.0	0.0
3rd Quartile (Q3) AU05_r	0.07	0.09
IQR AU05_r	0.07	0.09
10th Percentile AU05_r	0.0	0.0

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90th Percentile AU05_r	0.18	0.21
Mean Absolute Deviation AU05_r	0.07243249568706439	0.08498184409370674
Harmonic Mean AU05_r	0.05556553228411122	0.06208883898663624
Geometric Mean AU05_r	0.09140693333353277	0.11042757901561416
Count AU05_r	2253	2894
Sum AU05_r	125.34	183.53
95% Confidence Interval AU05_r	(0.05171798510975, 0.006890929312900855)	(0.0058909228129008559, 0.06791543354516855)
Average AU06_r	0.591473590767865	0.6497753973738769
Standard Deviation AU06_r	0.3826876927662852	0.4525133384426068
Maximum AU06_r	1.84	1.98
Minimum AU06_r	0.0	0.0
Median AU06_r	0.64	0.65
Range AU06_r	1.84	1.98
Skewness AU06_r	0.18099435321519064	0.17224564278334795
Kurtosis AU06_r	-0.5174394648976821	-0.8375871639483012
Variance AU06_r	0.14644987019478273	0.20476832146847324
Coefficient of Variation AU06_r	0.647007235385558	0.6964150078188223
Mode AU06_r	0.0	0.0
1st Quartile (Q1) AU06_r	0.25	0.28
3rd Quartile (Q3) AU06_r	0.86	0.99
IQR AU06_r	0.61	0.71
10th Percentile AU06_r	0.05	0.0
90th Percentile AU06_r	1.0679999999999996	1.26
Mean Absolute Deviation AU06_r	0.31608429378277303	0.3765290052722096
Harmonic Mean AU06_r	0.1976909644706505	0.25798967704080816

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Geometric Mean AU06_r	0.45209256460899333	0.5752715918671506
Count AU06_r	2253	2894
Sum AU06_r	1332.59	1880.4499999999998
95% Confidence Interval	(0.5750630957329414, 0.607...)	(...4099, 0.6662688640873439)
Average AU07_r	1.686387039502885	1.8847961299239808
Standard Deviation AU07_r	0.6494338942445066	0.7188914512438591
Maximum AU07_r	3.57	4.17
Minimum AU07_r	0.0	0.0
Median AU07_r	1.77	1.92
Range AU07_r	3.57	4.17
Skewness AU07_r	-0.30857248848574875	-0.13388895675972845
Kurtosis AU07_r	-0.22626474878898994	-0.2616005200955409
Variance AU07_r	0.421764382993585	0.5168049186715019
Coefficient of Variation AU07_r	0.38510370337994737	0.3814160268213486
Mode AU07_r	1.64	0.0
1st Quartile (Q1) AU07_r	1.28	1.38
3rd Quartile (Q3) AU07_r	2.13	2.4
IQR AU07_r	0.8499999999999999	1.02
10th Percentile AU07_r	0.71	0.9230000000000002
90th Percentile AU07_r	2.43	2.8
Mean Absolute Deviation AU07_r	0.5171685708201068	0.5816048598511133
Harmonic Mean AU07_r	1.116296976026063	1.4979541949169033
Geometric Mean AU07_r	1.5207410793881302	1.749866834513944
Count AU07_r	2253	2894
Sum AU07_r	3799.43	5454.6

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95% Confidence Interval	(1.659556097315427, 1.7132178985096043)	(1.9098509960376541, 1.9109986994714205)
Average AU09_r	0.09396804260985353	0.08904284727021423
Standard Deviation AU09_r	0.18172565069946464	0.15292996109097595
Maximum AU09_r	1.07	0.9
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	1.07	0.9
Skewness AU09_r	2.4175984618681694	1.913454322962031
Kurtosis AU09_r	5.676238573177798	3.403882876185053
Variance AU09_r	0.033024212122143834	0.02338757299928742
Coefficient of Variation AU09_r	1.933909078578687	1.7174873196371006
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.1	0.14
IQR AU09_r	0.1	0.14
10th Percentile AU09_r	0.0	0.0
90th Percentile AU09_r	0.35	0.33
Mean Absolute Deviation AU09_r	0.12566211762035884	0.11760249382823361
Harmonic Mean AU09_r	0.05833514525163909	0.08293682530220729
Geometric Mean AU09_r	0.12659527584405614	0.16102896675318884
Count AU09_r	2253	2894
Sum AU09_r	211.71	257.69
95% Confidence Interval	(0.08640016463935177, 0.10153590878079524)	(0.047639368787355369, 0.09461692654802478)
Average AU10_r	0.2059964491788726	0.19500345542501724
Standard Deviation AU10_r	0.2931402588438839	0.28497139046913605

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Maximum AU10_r	2.5	1.78
Minimum AU10_r	0.0	0.0
Median AU10_r	0.1	0.04
Range AU10_r	2.5	1.78
Skewness AU10_r	2.647100629506025	1.7423641675910537
Kurtosis AU10_r	10.27500160539977	2.7529698843021624
Variance AU10_r	0.08593121135505924	0.0812086933859128
Coefficient of Variation AU10_r	1.4230354941183565	1.4613658504052165
Mode AU10_r	0.0	0.0
1st Quartile (Q1) AU10_r	0.0	0.0
3rd Quartile (Q3) AU10_r	0.29	0.3
IQR AU10_r	0.29	0.3
10th Percentile AU10_r	0.0	0.0
90th Percentile AU10_r	0.56	0.6470000000000028
Mean Absolute Deviation AU10_r	0.20536241366002306	0.21953813361199612
Harmonic Mean AU10_r	0.0854321923168109	0.07847170691451275
Geometric Mean AU10_r	0.17550900615310797	0.18691806492282437
Count AU10_r	2253	2894
Sum AU10_r	464.11	564.3399999999999
95% Confidence Interval AU10_r	(0.19388054858135085, 0.21083469675639407)	(0.17346966549073305, 0.20539025674930397)
Average AU12_r	0.1642121615623613	0.10884934346924671
Standard Deviation AU12_r	0.14469807879974161	0.1653705350592954
Maximum AU12_r	0.63	0.87
Minimum AU12_r	0.0	0.0
Median AU12_r	0.14	0.02

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Range AU12_r	0.63	0.87
Skewness AU12_r	0.6881374348114975	1.8159931003731478
Kurtosis AU12_r	-0.34682191022689324	2.830070484043153
Variance AU12_r	0.02093753400833623	0.027347413865797646
Coefficient of Variation AU12_r	0.8811654229689376	1.5192607487432173
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.03	0.0
3rd Quartile (Q3) AU12_r	0.26	0.16
IQR AU12_r	0.23	0.16
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.37	0.36
Mean Absolute Deviation AU12_r	0.12127215298475633	0.12600853993845668
Harmonic Mean AU12_r	0.07698125319216108	0.05261104961407862
Geometric Mean AU12_r	0.14103970883093855	0.10878990886686996
Count AU12_r	2253	2894
Sum AU12_r	369.96999999999997	315.01
95% Confidence Interval AU12_r	(0.15823240538268103, 0.17019028929799884)	(0.09262292299684626, 0.11487686395024717)
Average AU14_r	0.02459387483355526	0.02041810642709053
Standard Deviation AU14_r	0.14046919821192924	0.18888908229443072
Maximum AU14_r	1.99	2.47
Minimum AU14_r	0.0	0.0
Median AU14_r	0.0	0.0
Range AU14_r	1.99	2.47
Skewness AU14_r	8.299079982712861	10.791057626606468
Kurtosis AU14_r	80.02347794484244	118.54072696361052

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Variance AU14_r	0.019731595646302266	0.03567908541003222
Coefficient of Variation AU14_r	5.711552130869456	9.251057778982611
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	0.0	0.0
Mean Absolute Deviation AU14_r	0.04575650279579883	0.039405860324413546
Harmonic Mean AU14_r	0.06293107263081169	0.05999351640391277
Geometric Mean AU14_r	0.15853332916310994	0.16618378583570187
Count AU14_r	2253	2894
Sum AU14_r	55.410000000000004	59.089999999999996
95% Confidence Interval	(0.0218790480570114086, 0.0003972530369994654289, 0.027302844459526774)	
Average AU15_r	0.24173546382600977	0.22615756738078785
Standard Deviation AU15_r	0.3832490079611623	0.3195103366391211
Maximum AU15_r	3.71	2.3
Minimum AU15_r	0.0	0.0
Median AU15_r	0.1	0.08
Range AU15_r	3.71	2.3
Skewness AU15_r	3.614977357551047	1.840692409817247
Kurtosis AU15_r	20.954121102716545	3.6459490071083342
Variance AU15_r	0.14687980210321505	0.1020868552192445
Coefficient of Variation AU15_r	1.5854066337449253	1.4127775618542648
Mode AU15_r	0.0	0.0

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1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.35	0.33
IQR AU15_r	0.35	0.33
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	0.66	0.72
Mean Absolute Deviation AU15_r	0.25390466801772815	0.24232222709903342
Harmonic Mean AU15_r	0.0919825646176123	0.09435357297139066
Geometric Mean AU15_r	0.20820347268937106	0.21045700822907254
Count AU15_r	2253	2894
Sum AU15_r	544.63	654.5
95% Confidence Interval AU15_r	(0.22459057841609016, 0.25360954923002942)	(0.22690549236092184, 0.23780326410235386)
Average AU17_r	0.5470838881491344	0.69647201105736
Standard Deviation AU17_r	0.46711423762081233	0.5837156093750034
Maximum AU17_r	2.49	2.47
Minimum AU17_r	0.0	0.0
Median AU17_r	0.45	0.57
Range AU17_r	2.49	2.47
Skewness AU17_r	0.9987634370735228	0.6357082254941133
Kurtosis AU17_r	0.797811552521003	-0.5610679113123833
Variance AU17_r	0.21819571098807275	0.34072391262803164
Coefficient of Variation AU17_r	0.8538256156676972	0.8381034702153017
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.17	0.19
3rd Quartile (Q3) AU17_r	0.82	1.14
IQR AU17_r	0.6499999999999999	0.95

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10th Percentile AU17_r	0.02	0.0
90th Percentile AU17_r	1.21	1.56
Mean Absolute Deviation AU17_r	0.3750132121515151	0.4945554680489004
Harmonic Mean AU17_r	0.19758446351468437	0.22361587632456725
Geometric Mean AU17_r	0.40993813778961036	0.5240261601564614
Count AU17_r	2253	2894
Sum AU17_r	1232.58	2015.59
95% Confidence Interval (0.5207858649035585, 0.566038751994810247)		(0.6608751993404276294, 0.7177476136870906)
Average AU20_r	0.14711051930758987	0.16718728403593644
Standard Deviation AU20_r	0.2177165216137976	0.26650825894990012
Maximum AU20_r	1.41	1.46
Minimum AU20_r	0.0	0.0
Median AU20_r	0.0	0.0
Range AU20_r	1.41	1.46
Skewness AU20_r	1.5911241962015261	1.7748777049612317
Kurtosis AU20_r	2.080703713662998	2.59976866625192593
Variance AU20_r	0.04740048378361119	0.07102665208850761
Coefficient of Variation AU20_r	1.4799520975014664	1.5940701500051699
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.25	0.26
IQR AU20_r	0.25	0.26
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.49	0.58
Mean Absolute Deviation AU20_r	0.17322484652804987	0.20594778702355376

Harmonic Mean AU20_r	0.09790276271470759	0.10449979682239681
Geometric Mean AU20_r	0.20156276397902848	0.2288394577720583
Count AU20_r	2253	2894
Sum AU20_r	331.44	483.84000000000003
95% Confidence Interval AU20_r	(0.13812570173424817, 0.15600157367380975005)	(0.15734580397516602, 0.1769011305116724)
Average AU23_r	0.17963604083444298	0.14840704906703525
Standard Deviation AU23_r	0.3359486591399402	0.2757357354718039
Maximum AU23_r	2.23	2.66
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	2.23	2.66
Skewness AU23_r	2.5942954679248698	2.8972077484815504
Kurtosis AU23_r	7.716439721189397	11.877365616846353
Variance AU23_r	0.11286150157792373	0.07603019581617664
Coefficient of Variation AU23_r	1.8701629003812148	1.8579692622771204
Mode AU23_r	0.0	0.0
1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.24	0.18
IQR AU23_r	0.24	0.18
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.62	0.52
Mean Absolute Deviation AU23_r	0.23518994942680363	0.18983855977312158
Harmonic Mean AU23_r	0.08937005909352544	0.07539971050814068
Geometric Mean AU23_r	0.2267383164334165	0.17073714917016594
Count AU23_r	2253	2894

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Sum AU23_r	404.72	429.49
95% Confidence Interval AU23_r	(0.15735365388077993, 0.19351584266749668)	(0.12684701468, 0.15845722392015582)
Average AU25_r	0.7036662228140258	0.864689011748445
Standard Deviation AU25_r	0.57395929335283944	0.7340789145495418
Maximum AU25_r	2.34	3.06
Minimum AU25_r	0.0	0.0
Median AU25_r	0.76	0.86
Range AU25_r	2.34	3.06
Skewness AU25_r	0.13464337950537528	0.2837708001390628
Kurtosis AU25_r	-1.2503229698233018	-1.1265089684269103
Variance AU25_r	0.32942927042609066	0.5388718527862335
Coefficient of Variation AU25_r	0.8156698087020909	0.8489513623692256
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.0	0.02
3rd Quartile (Q3) AU25_r	1.2	1.46
IQR AU25_r	1.2	1.44
10th Percentile AU25_r	0.0	0.0
90th Percentile AU25_r	1.44	1.87
Mean Absolute Deviation AU25_r	0.5089358036993236	0.6421587809585305
Harmonic Mean AU25_r	0.41446351467240944	0.28044046372295733
Geometric Mean AU25_r	0.7654293590298419	0.8182123792329744
Count AU25_r	2253	2894
Sum AU25_r	1585.3600000000001	2502.41
95% Confidence Interval AU25_r	(0.6792534650500981, 0.7270789832780835)	(0.8379527805795082, 0.8914451427032819)
Average AU26_r	0.5307367953839325	0.5992121630960607

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Standard Deviation AU26_r	0.5907855868626201	0.6925070311230117
Maximum AU26_r	4.36	5.0
Minimum AU26_r	0.0	0.0
Median AU26_r	0.37	0.41
Range AU26_r	4.36	5.0
Skewness AU26_r	2.22182847747903	2.164313445410259
Kurtosis AU26_r	7.301084814848489	6.418309240982779
Variance AU26_r	0.3490276096446104	0.47956598815480783
Coefficient of Variation AU26_r	1.1131423183788276	1.1556958849848893
Mode AU26_r	0.0	0.0
1st Quartile (Q1) AU26_r	0.1	0.08
3rd Quartile (Q3) AU26_r	0.76	0.87
IQR AU26_r	0.66	0.79
10th Percentile AU26_r	0.0	0.0
90th Percentile AU26_r	1.24	1.37
Mean Absolute Deviation AU26_r	0.42313456891033885	0.4979172455558268
Harmonic Mean AU26_r	0.19136856857211004	0.1711660306507805
Geometric Mean AU26_r	0.39545067435636033	0.42300385223313697
Count AU26_r	2253	2894
Sum AU26_r	1195.75	1734.12
95% Confidence Interval	(0.5063288701635613, 0.5550477320612630835)	(0.5...471442, 0.6244530581069773)
Average AU45_r	0.18916555703506438	0.2798617829993089
Standard Deviation AU45_r	0.3029807742694591	0.48562315233244346
Maximum AU45_r	2.19	3.53
Minimum AU45_r	0.0	0.0

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Median AU45_r	0.06	0.06
Range AU45_r	2.19	3.53
Skewness AU45_r	2.595094696687175	3.017334312125786
Kurtosis AU45_r	8.351276166572152	11.856740041100194
Variance AU45_r	0.09179734957692093	0.23582984608129962
Coefficient of Variation AU45_r	1.601669875945215	1.735224964008904
Mode AU45_r	0.0	0.0
1st Quartile (Q1) AU45_r	0.0	0.0
3rd Quartile (Q3) AU45_r	0.25	0.36
IQR AU45_r	0.25	0.36
10th Percentile AU45_r	0.0	0.0
90th Percentile AU45_r	0.56	0.85
Mean Absolute Deviation AU45_r	0.20953760326272078	0.32454069592785206
Harmonic Mean AU45_r	0.07559837115826482	0.0985328015885043
Geometric Mean AU45_r	0.16863115031295772	0.2506270437615572
Count AU45_r	2253	2894
Sum AU45_r	426.19000000000005	809.92
95% Confidence Interval AU45_r	(0.17604810189393423, 0.20626210136092457)	(0.26210136092457936, 0.29756205527382423)