

Aguida Multimodal Analyzer

Participant ID 20240505 Report

Pre-Test Data

Respondent ID 114607335123.0 Scores:

Confidence: 3.00 on 5

Nervousness: nan on 4

WtC: 2.00 on 3

Post-Test Data

Respondent ID 114607343876.0 Scores:

Confidence: nan on 5

Nervousness: nan on 4

WtC: nan on 3

System Choice Data

Participant ID: 20240505

First test strategy used: AB+CS

Duration of first test: 0:18:00

Second test strategy used: AB

Duration of second test: 0:27:00

Wear Glasses: No

Education Level: B1

Language Proficiency: 500-750

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Preferred System: AB

HR Test 1 Data

Average Heart Rate: 76.84

Standard Deviation: 8.39

Maximum Heart Rate: 100.00

Minimum Heart Rate: 64.00

Median Heart Rate: 74.00

1st Quartile (Q1): 71.00

3rd Quartile (Q3): 84.00

Range: 36.00

Interquartile Range (IQR): 13.00

Total Duration (records): 430

Count of Records: 430

Variance: 70.42

Skewness: 0.83

Kurtosis: -0.17

Mode: 71

95% Confidence Interval: (76.04, 77.63)

HR Test 2 Data

Average Heart Rate: 73.29

Standard Deviation: 5.79

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Maximum Heart Rate: 92.00

Minimum Heart Rate: 63.00

Median Heart Rate: 72.00

1st Quartile (Q1): 69.00

3rd Quartile (Q3): 77.00

Range: 29.00

Interquartile Range (IQR): 8.00

Total Duration (records): 557

Count of Records: 557

Variance: 33.51

Skewness: 0.75

Kurtosis: 0.08

Mode: 70

95% Confidence Interval: (72.81, 73.77)

HRs Comparison Data

Metric	Test 1	Test 2
Average Heart Rate	76.84	73.29
Standard Deviation	8.39	5.79
Maximum Heart Rate	100.00	92.00
Minimum Heart Rate	64.00	63.00
Median Heart Rate	74.00	72.00
1st Quartile (Q1)	71.00	69.00
3rd Quartile (Q3)	84.00	77.00

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Range	36.00	29.00
Interquartile Range (IQR)	13.00	8.00
Total Duration (records)	430	557
Count of Records	430	557
Variance	70.42	33.51
Skewness	0.83	0.75
Kurtosis	-0.17	0.08
Mode	71	70
95% Confidence Interval	(76.04, 77.63)	(72.81, 73.77)

Dialog Test 1 Data

Category Counts:

Category

Peter Utterance 35

User Utterance	18
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Utterance Counts:

Utterance

Take it easy 13

11

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

Good evening, did you book a table? 4

Sorry I'm a bit lost, I don't understand... 3

Please come again 3

2

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Please repeat that...	2
Sorry, please help me understand you...	1
(Take it easy, you're doing great...)	1
Did you call us before coming?	1
Nihongo wa muzukashii kedo, chotto dake ganbaru	1

Strategy Counts:

Strategy

AB+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 48

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User Utterance 37

Utterance Counts:

Utterance

Take it easy	19
Awesome!	9
	7
(Come on, you can do it...)	5
	2
i want to drink orange juice	2
thank you	2
I can understand how you feel...	2
I've got it. Thank you for your order.	2
Great!	2
your were gone	1
same que	1
My pleasure!	1
Here you are. Enjoy your drink!	1
you're welcome	1
You are welcome!	1
i want to eat some food	1
show matthew	1
can you show me do	1
can you show me man	1
Here you are. Enjoy your meal!	1

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

i want to eat salad 1

Sure. What about food? 1

Here is your table. 1

Sure! Please come this way. 1

my name is now 1

May I have your name please? 1

yes 1

i want to have a this stuff or 1

i want to be the best apple 1

yes please 1

he couldn't too easy 1

he said yes please 1

he's 1

can i show me man 1

Strategy Counts:

Strategy

AB 85

Confidence Stats:

count 85.0

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	18	37
Category Count: Peter Utterance	35	48
Utterance Count: Please repeat that...	2	0
Utterance Count: can you show me do	0	1
Utterance Count: i want to have a this stuff or	0	1
Utterance Count: Nihongo wa muzukashii kedo, chotto dake ganbaru	0	0
Utterance Count: I can understand how you feel...	0	2
Utterance Count: May I have your name please?	0	1
Utterance Count: your were gone	0	1
Utterance Count: i want to be the best apple	0	1
Utterance Count: my name is now	0	1
Utterance Count: can you show me man	0	1
Utterance Count: i want to drink orange juice	0	2
Utterance Count: (Come on, you can do it...)	6	5
Utterance Count: Awesome!	0	9
Utterance Count: same que	0	1
Utterance Count: Sure! Please come this way.	0	1

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Utterance Count: Please come again	3	0
Utterance Count: My pleasure!	0	1
Utterance Count: you're welcome	0	1
Utterance Count: he couldn't too easy	0	1
Utterance Count: can i show me man	0	1
Utterance Count: he's	0	1
Utterance Count: Sorry I'm a bit lost, I don't understand...	3	0
Utterance Count: (Take it easy, you're doing great...)	1	0
Utterance Count: he said yes please	0	1
Utterance Count: thank you	0	2
Utterance Count: Take it easy	13	19
Utterance Count: I've got it. Thank you for your order.	0	2
Utterance Count: yes please	0	1
Utterance Count: Sure. What about food?	0	1
Utterance Count: Great!	0	2
Utterance Count: And this is the menu. Please call me when you are ready to order.	0	1
Utterance Count: i want to eat salad	0	1
Utterance Count:	2	2
Utterance Count: You are welcome!	0	1
Utterance Count:	11	7
Utterance Count: Did you call us before coming?	1	0
Utterance Count: Here is your table.	0	1
Utterance Count: show matthew	0	1
Utterance Count: Sorry, please help me understand you...	1	0
Utterance Count: Here you are. Enjoy your meal!	0	1

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Utterance Count: yes	0	1
Utterance Count: Here you are. Enjoy your drink!	0	1
Utterance Count: Good evening, did you book a table?	4	0
Utterance Count: i want to eat some food	0	1

Tobii Test 1 Data

Average Pupil Diameter: 4.04

Standard Deviation of Pupil Diameter: 0.45

Maximum Pupil Diameter: 6.12

Minimum Pupil Diameter: 1.21

Median Pupil Diameter: 3.98

Range of Pupil Diameter: 4.91

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.43

Average Left Eye Y Coordinate: 0.73

Standard Deviation of Left Eye X Coordinate: 0.21

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Standard Deviation of Left Eye Y Coordinate: 0.34

Average Right Eye X Coordinate: 0.45

Average Right Eye Y Coordinate: 0.71

Standard Deviation of Right Eye X Coordinate: 0.21

Standard Deviation of Right Eye Y Coordinate: 0.32

Tobii Test 2 Data

Average Pupil Diameter: 3.93

Standard Deviation of Pupil Diameter: 0.41

Maximum Pupil Diameter: 5.16

Minimum Pupil Diameter: 1.59

Median Pupil Diameter: 3.91

Range of Pupil Diameter: 3.57

Average Head Position: nan

Standard Deviation of Head Position: nan

Maximum Head Position: nan

Minimum Head Position: nan

Range of Head Position: nan

Average Head Rotation: nan

Standard Deviation of Head Rotation: nan

Maximum Head Rotation: nan

Minimum Head Rotation: nan

Range of Head Rotation: nan

Average Left Eye X Coordinate: 0.49

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Average Left Eye Y Coordinate: 0.66

Standard Deviation of Left Eye X Coordinate: 0.16

Standard Deviation of Left Eye Y Coordinate: 0.33

Average Right Eye X Coordinate: 0.51

Average Right Eye Y Coordinate: 0.61

Standard Deviation of Right Eye X Coordinate: 0.16

Standard Deviation of Right Eye Y Coordinate: 0.29

Tobiis Comparison Data

Metric	Test 1	Test 2
Average Pupil Diameter	4.04	3.93
Standard Deviation of Pupil Diameter	0.45	0.41
Maximum Pupil Diameter	6.12	5.16
Minimum Pupil Diameter	1.21	1.59
Median Pupil Diameter	3.98	3.91
Range of Pupil Diameter	4.91	3.57
Average Head Position	nan	nan
Standard Deviation of Head Position	nan	nan
Maximum Head Position	nan	nan
Minimum Head Position	nan	nan
Range of Head Position	nan	nan
Average Head Rotation	nan	nan
Standard Deviation of Head Rotation	nan	nan
Maximum Head Rotation	nan	nan

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Minimum Head Rotation	nan	nan
Range of Head Rotation	nan	nan
Average Left Eye X Coordinate	0.43	0.49
Average Left Eye Y Coordinate	0.73	0.66
Standard Deviation of Left Eye X Coordinate	0.21	0.16
Standard Deviation of Left Eye Y Coordinate	0.34	0.33
Average Right Eye X Coordinate	0.45	0.51
Average Right Eye Y Coordinate	0.71	0.61
Standard Deviation of Right Eye X Coordinate	0.21	0.16
Standard Deviation of Right Eye Y Coordinate	0.32	0.29

OpenFace Test 1 Data

Average AU01_r: 0.12812952534191477

Standard Deviation AU01_r: 0.20634775816795686

Maximum AU01_r: 1.75

Minimum AU01_r: 0.0

Median AU01_r: 0.04

Range AU01_r: 1.75

Skewness AU01_r: 3.0121567177927235

Kurtosis AU01_r: 13.187837705038728

Variance AU01_r: 0.0425793973009416

Coefficient of Variation AU01_r: 1.6104622070308623

Mode AU01_r: 0.0

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.17

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IQR AU01_r: 0.17

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.38

Mean Absolute Deviation AU01_r: 0.14085599874178747

Harmonic Mean AU01_r: 0.053213381765295026

Geometric Mean AU01_r: 0.10954454787031925

Count AU01_r: 2486

Sum AU01_r: 318.53000000000001

95% Confidence Interval AU01_r: (0.1200141452617817, 0.13624490542204784)

Average AU02_r: 0.0729646017699115

Standard Deviation AU02_r: 0.1404024839487399

Maximum AU02_r: 1.3

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 1.3

Skewness AU02_r: 2.7314467040664243

Kurtosis AU02_r: 9.403143143396958

Variance AU02_r: 0.01971285749897616

Coefficient of Variation AU02_r: 1.924254783045192

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.08

IQR AU02_r: 0.08

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.265

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Mean Absolute Deviation AU02_r: 0.09636217686299917

Harmonic Mean AU02_r: 0.06292214880356152

Geometric Mean AU02_r: 0.11371984143878126

Count AU02_r: 2486

Sum AU02_r: 181.39

95% Confidence Interval AU02_r: (0.06744276072082496, 0.07848644281899804)

Average AU04_r: 2.1738173773129525

Standard Deviation AU04_r: 0.44726140659652747

Maximum AU04_r: 3.45

Minimum AU04_r: 0.0

Median AU04_r: 2.16

Range AU04_r: 3.45

Skewness AU04_r: -1.0864745409405732

Kurtosis AU04_r: 4.5366481475197205

Variance AU04_r: 0.20004276583070427

Coefficient of Variation AU04_r: 0.20574930132787217

Mode AU04_r: 2.16

1st Quartile (Q1) AU04_r: 1.95

3rd Quartile (Q3) AU04_r: 2.45

IQR AU04_r: 0.5000000000000002

10th Percentile AU04_r: 1.74

90th Percentile AU04_r: 2.7

Mean Absolute Deviation AU04_r: 0.3228487316583487

Harmonic Mean AU04_r: 2.096846519859279

Geometric Mean AU04_r: 2.151797521343148

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Count AU04_r: 2486

Sum AU04_r: 5404.110000000001

95% Confidence Interval AU04_r: (2.156227187131427, 2.191407567494478)

Average AU05_r: 0.04560740144810941

Standard Deviation AU05_r: 0.09549286071856172

Maximum AU05_r: 0.74

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 0.74

Skewness AU05_r: 3.2129604117312525

Kurtosis AU05_r: 12.903147876042548

Variance AU05_r: 0.009118886448214628

Coefficient of Variation AU05_r: 2.0938018323015033

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: 0.16

Mean Absolute Deviation AU05_r: 0.062350773341169105

Harmonic Mean AU05_r: 0.04194421787718103

Geometric Mean AU05_r: 0.07468629716350599

Count AU05_r: 2486

Sum AU05_r: 113.38

95% Confidence Interval AU05_r: (0.041851795540147195, 0.049363007356071624)

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Average AU06_r: 1.195603378921963

Standard Deviation AU06_r: 0.27846680329235296

Maximum AU06_r: 2.1

Minimum AU06_r: 0.0

Median AU06_r: 1.21

Range AU06_r: 2.1

Skewness AU06_r: -1.2116365867524346

Kurtosis AU06_r: 4.730859577496077

Variance AU06_r: 0.077543760535862

Coefficient of Variation AU06_r: 0.23290901330793956

Mode AU06_r: 1.31

1st Quartile (Q1) AU06_r: 1.08

3rd Quartile (Q3) AU06_r: 1.35

IQR AU06_r: 0.27

10th Percentile AU06_r: 0.93

90th Percentile AU06_r: 1.47

Mean Absolute Deviation AU06_r: 0.19335444377492236

Harmonic Mean AU06_r: 0.9070031404536738

Geometric Mean AU06_r: 1.1635879546992234

Count AU06_r: 2486

Sum AU06_r: 2972.27

95% Confidence Interval AU06_r: (1.1846516536961542, 1.2065551041477716)

Average AU07_r: 1.9865285599356397

Standard Deviation AU07_r: 0.5303549327735163

Maximum AU07_r: 3.83

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Minimum AU07_r: 0.0

Median AU07_r: 1.99

Range AU07_r: 3.83

Skewness AU07_r: -0.2671110866429045

Kurtosis AU07_r: 0.9568081367281844

Variance AU07_r: 0.281276354717201

Coefficient of Variation AU07_r: 0.26697574022832016

Mode AU07_r: 2.11

1st Quartile (Q1) AU07_r: 1.65

3rd Quartile (Q3) AU07_r: 2.34

IQR AU07_r: 0.69

10th Percentile AU07_r: 1.355

90th Percentile AU07_r: 2.67

Mean Absolute Deviation AU07_r: 0.41498145042649137

Harmonic Mean AU07_r: 1.8568169651745914

Geometric Mean AU07_r: 1.934766920565295

Count AU07_r: 2486

Sum AU07_r: 4938.51

95% Confidence Interval AU07_r: (1.9656704130139404, 2.0073867068573388)

Average AU09_r: 0.045012067578439265

Standard Deviation AU09_r: 0.08115402460411765

Maximum AU09_r: 0.8

Minimum AU09_r: 0.0

Median AU09_r: 0.0

Range AU09_r: 0.8

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Skewness AU09_r: 3.150513763374973

Kurtosis AU09_r: 14.665351045877372

Variance AU09_r: 0.006585975709445733

Coefficient of Variation AU09_r: 1.8029392776214161

Mode AU09_r: 0.0

1st Quartile (Q1) AU09_r: 0.0

3rd Quartile (Q3) AU09_r: 0.06

IQR AU09_r: 0.06

10th Percentile AU09_r: 0.0

90th Percentile AU09_r: 0.14

Mean Absolute Deviation AU09_r: 0.0552943887216522

Harmonic Mean AU09_r: 0.0400201057821893

Geometric Mean AU09_r: 0.06460820807376715

Count AU09_r: 2486

Sum AU09_r: 111.9

95% Confidence Interval AU09_r: (0.041820388829214274, 0.048203746327664256)

Average AU10_r: 0.014818986323411101

Standard Deviation AU10_r: 0.09556623277401867

Maximum AU10_r: 1.41

Minimum AU10_r: 0.0

Median AU10_r: 0.0

Range AU10_r: 1.41

Skewness AU10_r: 9.592347006539722

Kurtosis AU10_r: 106.34331116614582

Variance AU10_r: 0.00913290484661792

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Coefficient of Variation AU10_r: 6.448904850060001

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.0

IQR AU10_r: 0.0

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.0

Mean Absolute Deviation AU10_r: 0.027717082111958908

Harmonic Mean AU10_r: 0.04480535722861543

Geometric Mean AU10_r: 0.09844249170535249

Count AU10_r: 2486

Sum AU10_r: 36.839999999999996

95% Confidence Interval AU10_r: (0.011060494791090373, 0.01857747785573183)

Average AU12_r: 0.03126709573612229

Standard Deviation AU12_r: 0.08094787713242368

Maximum AU12_r: 0.75

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 0.75

Skewness AU12_r: 3.8826980377370326

Kurtosis AU12_r: 17.983813980455608

Variance AU12_r: 0.006552558812245961

Coefficient of Variation AU12_r: 2.5889157667722276

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

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3rd Quartile (Q3) AU12_r: 0.02

IQR AU12_r: 0.02

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.1

Mean Absolute Deviation AU12_r: 0.0464635490524896

Harmonic Mean AU12_r: 0.03472692903189248

Geometric Mean AU12_r: 0.06002017897377261

Count AU12_r: 2486

Sum AU12_r: 77.73

95% Confidence Interval AU12_r: (0.028083524489979514, 0.034450666982265066)

Average AU14_r: 0.006194690265486725

Standard Deviation AU14_r: 0.052464424163248854

Maximum AU14_r: 1.11

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 1.11

Skewness AU14_r: 13.344559222499273

Kurtosis AU14_r: 220.1404160775854

Variance AU14_r: 0.0027525158027812903

Coefficient of Variation AU14_r: 8.469257043495888

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

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90th Percentile AU14_r: 0.0

Mean Absolute Deviation AU14_r: 0.01200563865612029

Harmonic Mean AU14_r: 0.06912740546782638

Geometric Mean AU14_r: 0.11763114936174288

Count AU14_r: 2486

Sum AU14_r: 15.399999999999999

95% Confidence Interval AU14_r: (0.004131334954286652, 0.008258045576686798)

Average AU15_r: 0.29751005631536603

Standard Deviation AU15_r: 0.6538846886229484

Maximum AU15_r: 5.0

Minimum AU15_r: 0.0

Median AU15_r: 0.07

Range AU15_r: 5.0

Skewness AU15_r: 3.818878740660653

Kurtosis AU15_r: 16.93352540667771

Variance AU15_r: 0.42756518601553006

Coefficient of Variation AU15_r: 2.197857432858736

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.24

IQR AU15_r: 0.24

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.66

Mean Absolute Deviation AU15_r: 0.36225444953525743

Harmonic Mean AU15_r: 0.06971346166320215

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Geometric Mean AU15_r: 0.1645758394689897

Count AU15_r: 2486

Sum AU15_r: 739.61

95% Confidence Interval AU15_r: (0.2717936500705478, 0.3232264625601843)

Average AU17_r: 0.5281456154465004

Standard Deviation AU17_r: 0.6127860811099547

Maximum AU17_r: 5.0

Minimum AU17_r: 0.0

Median AU17_r: 0.43

Range AU17_r: 5.0

Skewness AU17_r: 4.324922360828876

Kurtosis AU17_r: 25.9339400703192

Variance AU17_r: 0.375506781202096

Coefficient of Variation AU17_r: 1.1602597147226117

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.18

3rd Quartile (Q3) AU17_r: 0.72

IQR AU17_r: 0.54

10th Percentile AU17_r: 0.01

90th Percentile AU17_r: 0.97

Mean Absolute Deviation AU17_r: 0.3587470073764651

Harmonic Mean AU17_r: 0.18582942711167258

Geometric Mean AU17_r: 0.38759098913991696

Count AU17_r: 2486

Sum AU17_r: 1312.97

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95% Confidence Interval AU17_r: (0.504045562215126, 0.5522456686778748)

Average AU20_r: 0.17697506033789218

Standard Deviation AU20_r: 0.5177595491013275

Maximum AU20_r: 5.0

Minimum AU20_r: 0.0

Median AU20_r: 0.02

Range AU20_r: 5.0

Skewness AU20_r: 7.2728297559016175

Kurtosis AU20_r: 60.51891592110179

Variance AU20_r: 0.26807495068561

Coefficient of Variation AU20_r: 2.9256074167331128

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.1875

IQR AU20_r: 0.1875

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.42

Mean Absolute Deviation AU20_r: 0.21945232157685612

Harmonic Mean AU20_r: 0.07286163547990938

Geometric Mean AU20_r: 0.15212678325262424

Count AU20_r: 2486

Sum AU20_r: 439.95999999999999

95% Confidence Interval AU20_r: (0.156612272932877, 0.19733784774290736)

Average AU23_r: 0.11874899436846341

Standard Deviation AU23_r: 0.2308192123758445

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Maximum AU23_r: 2.1

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.1

Skewness AU23_r: 2.998436404131912

Kurtosis AU23_r: 11.766778445640037

Variance AU23_r: 0.0532775088018052

Coefficient of Variation AU23_r: 1.943757196457943

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.14

IQR AU23_r: 0.14

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.4

Mean Absolute Deviation AU23_r: 0.15343579394569365

Harmonic Mean AU23_r: 0.062281371875289065

Geometric Mean AU23_r: 0.13829061625972244

Count AU23_r: 2486

Sum AU23_r: 295.21000000000004

95% Confidence Interval AU23_r: (0.1096711848741521, 0.12782680386277473)

Average AU25_r: 0.4286846339501207

Standard Deviation AU25_r: 0.43079197982377726

Maximum AU25_r: 2.24

Minimum AU25_r: 0.0

Median AU25_r: 0.32

Aguida Multimodal Analyzer

Range AU25_r: 2.24

Skewness AU25_r: 1.1877102843759597

Kurtosis AU25_r: 1.2073298729519477

Variance AU25_r: 0.1855817298804897

Coefficient of Variation AU25_r: 1.0049158418724702

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.06

3rd Quartile (Q3) AU25_r: 0.68

IQR AU25_r: 0.6200000000000001

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.04

Mean Absolute Deviation AU25_r: 0.34552977607829916

Harmonic Mean AU25_r: 0.12139019650396904

Geometric Mean AU25_r: 0.31429500705204483

Count AU25_r: 2486

Sum AU25_r: 1065.71

95% Confidence Interval AU25_r: (0.4117421641952646, 0.44562710370497677)

Average AU26_r: 0.3609010458567981

Standard Deviation AU26_r: 0.4771535241160549

Maximum AU26_r: 3.85

Minimum AU26_r: 0.0

Median AU26_r: 0.24

Range AU26_r: 3.85

Skewness AU26_r: 3.5054346515617016

Kurtosis AU26_r: 16.026442401350508

Aguida Multimodal Analyzer

Variance AU26_r: 0.22767548557637055

Coefficient of Variation AU26_r: 1.322117321614481

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.07

3rd Quartile (Q3) AU26_r: 0.47

IQR AU26_r: 0.39999999999999997

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 0.76

Mean Absolute Deviation AU26_r: 0.29171045060706813

Harmonic Mean AU26_r: 0.13028275922834376

Geometric Mean AU26_r: 0.2574216702834027

Count AU26_r: 2486

Sum AU26_r: 897.2

95% Confidence Interval AU26_r: (0.3421352388562448, 0.3796668528573514)

Average AU45_r: 0.21297264682220432

Standard Deviation AU45_r: 0.35643751072284097

Maximum AU45_r: 2.49

Minimum AU45_r: 0.0

Median AU45_r: 0.045

Range AU45_r: 2.49

Skewness AU45_r: 2.7598297875973143

Kurtosis AU45_r: 9.592923014222398

Variance AU45_r: 0.12704769905029537

Coefficient of Variation AU45_r: 1.6736304687071164

Mode AU45_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.31

IQR AU45_r: 0.31

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.62

Mean Absolute Deviation AU45_r: 0.24594201543122582

Harmonic Mean AU45_r: 0.08907426191928536

Geometric Mean AU45_r: 0.2075058315163168

Count AU45_r: 2486

Sum AU45_r: 529.4499999999999

95% Confidence Interval AU45_r: (0.1989544384345081, 0.22699085520990053)

OpenFace Test 2 Data

Average AU01_r: 0.12391040843214757

Standard Deviation AU01_r: 0.17511497054666406

Maximum AU01_r: 1.32

Minimum AU01_r: 0.0

Median AU01_r: 0.04

Range AU01_r: 1.32

Skewness AU01_r: 2.06687333187947

Kurtosis AU01_r: 5.537112943889113

Variance AU01_r: 0.03066525290955902

Coefficient of Variation AU01_r: 1.4132385871567499

Mode AU01_r: 0.0

Aguida Multimodal Analyzer

1st Quartile (Q1) AU01_r: 0.0

3rd Quartile (Q3) AU01_r: 0.19

IQR AU01_r: 0.19

10th Percentile AU01_r: 0.0

90th Percentile AU01_r: 0.3559999999999991

Mean Absolute Deviation AU01_r: 0.1313783610290914

Harmonic Mean AU01_r: 0.06592058072745238

Geometric Mean AU01_r: 0.12768101886662192

Count AU01_r: 3795

Sum AU01_r: 470.24

95% Confidence Interval AU01_r: (0.11833721589837115, 0.12948360096592398)

Average AU02_r: 0.08642951251646903

Standard Deviation AU02_r: 0.17961309666934022

Maximum AU02_r: 2.42

Minimum AU02_r: 0.0

Median AU02_r: 0.0

Range AU02_r: 2.42

Skewness AU02_r: 4.873102265962463

Kurtosis AU02_r: 42.33906225781871

Variance AU02_r: 0.032260864495149755

Coefficient of Variation AU02_r: 2.078145432500446

Mode AU02_r: 0.0

1st Quartile (Q1) AU02_r: 0.0

3rd Quartile (Q3) AU02_r: 0.11

IQR AU02_r: 0.11

Aguida Multimodal Analyzer

10th Percentile AU02_r: 0.0

90th Percentile AU02_r: 0.28

Mean Absolute Deviation AU02_r: 0.1130139476913837

Harmonic Mean AU02_r: 0.07326635438761737

Geometric Mean AU02_r: 0.13519367863583787

Count AU02_r: 3795

Sum AU02_r: 328.0

95% Confidence Interval AU02_r: (0.08071316304502689, 0.09214586198791118)

Average AU04_r: 2.1370592885375497

Standard Deviation AU04_r: 0.4799331083849145

Maximum AU04_r: 3.53

Minimum AU04_r: 0.0

Median AU04_r: 2.17

Range AU04_r: 3.53

Skewness AU04_r: -0.9168378843129764

Kurtosis AU04_r: 2.3274123034709824

Variance AU04_r: 0.23033578852400607

Coefficient of Variation AU04_r: 0.22457641253057903

Mode AU04_r: 2.23

1st Quartile (Q1) AU04_r: 1.85

3rd Quartile (Q3) AU04_r: 2.47

IQR AU04_r: 0.6200000000000001

10th Percentile AU04_r: 1.58

90th Percentile AU04_r: 2.7

Mean Absolute Deviation AU04_r: 0.3700350013279383

Aguida Multimodal Analyzer

Harmonic Mean AU04_r: 1.5630910016612716

Geometric Mean AU04_r: 2.06245534067353

Count AU04_r: 3795

Sum AU04_r: 8110.14

95% Confidence Interval AU04_r: (2.121784982702857, 2.152333594372242)

Average AU05_r: 0.05129644268774704

Standard Deviation AU05_r: 0.10772510053700593

Maximum AU05_r: 1.07

Minimum AU05_r: 0.0

Median AU05_r: 0.0

Range AU05_r: 1.07

Skewness AU05_r: 3.212939795079831

Kurtosis AU05_r: 13.220104053403258

Variance AU05_r: 0.011604697285708036

Coefficient of Variation AU05_r: 2.100050118343543

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: 0.18

Mean Absolute Deviation AU05_r: 0.07038376478307738

Harmonic Mean AU05_r: 0.04728038747142666

Geometric Mean AU05_r: 0.08544401074875707

Count AU05_r: 3795

Aguida Multimodal Analyzer

Sum AU05_r: 194.67000000000002

95% Confidence Interval AU05_r: (0.047867993799916686, 0.05472489157557739)

Average AU06_r: 0.9984295125164692

Standard Deviation AU06_r: 0.38979741433343645

Maximum AU06_r: 3.1

Minimum AU06_r: 0.0

Median AU06_r: 0.99

Range AU06_r: 3.1

Skewness AU06_r: 0.8613589000837751

Kurtosis AU06_r: 3.1357476283308197

Variance AU06_r: 0.15194202422103273

Coefficient of Variation AU06_r: 0.3904105492144161

Mode AU06_r: 1.06

1st Quartile (Q1) AU06_r: 0.75

3rd Quartile (Q3) AU06_r: 1.2

IQR AU06_r: 0.44999999999999996

10th Percentile AU06_r: 0.54

90th Percentile AU06_r: 1.42

Mean Absolute Deviation AU06_r: 0.28570160654491294

Harmonic Mean AU06_r: 0.720980010808384

Geometric Mean AU06_r: 0.9157498629019237

Count AU06_r: 3795

Sum AU06_r: 3789.0400000000004

95% Confidence Interval AU06_r: (0.9860238567780321, 1.0108351682549062)

Average AU07_r: 1.6772042160737812

Aguida Multimodal Analyzer

Standard Deviation AU07_r: 0.5890185176289366

Maximum AU07_r: 4.03

Minimum AU07_r: 0.0

Median AU07_r: 1.66

Range AU07_r: 4.03

Skewness AU07_r: 0.1631931788032456

Kurtosis AU07_r: -0.10134343241599009

Variance AU07_r: 0.3469428141097899

Coefficient of Variation AU07_r: 0.35119069698488364

Mode AU07_r: 1.75

1st Quartile (Q1) AU07_r: 1.25

3rd Quartile (Q3) AU07_r: 2.1

IQR AU07_r: 0.8500000000000001

10th Percentile AU07_r: 0.92

90th Percentile AU07_r: 2.4259999999999993

Mean Absolute Deviation AU07_r: 0.4789555288232037

Harmonic Mean AU07_r: 1.4007505841780368

Geometric Mean AU07_r: 1.5583385562185081

Count AU07_r: 3795

Sum AU07_r: 6364.99

95% Confidence Interval AU07_r: (1.6584581682946686, 1.6959502638528938)

Average AU09_r: 0.09537022397891962

Standard Deviation AU09_r: 0.21176179092996822

Maximum AU09_r: 1.69

Minimum AU09_r: 0.0

Aguida Multimodal Analyzer

Median AU09_r: 0.0

Range AU09_r: 1.69

Skewness AU09_r: 3.1938804309452955

Kurtosis AU09_r: 11.43416003275014

Variance AU09_r: 0.044843056097867574

Coefficient of Variation AU09_r: 2.2204183034819702

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: 0.31

Mean Absolute Deviation AU09_r: 0.12920467087093654

Harmonic Mean AU09_r: 0.051100910308026916

Geometric Mean AU09_r: 0.10707284087474012

Count AU09_r: 3795

Sum AU09_r: 361.92999999999995

95% Confidence Interval AU09_r: (0.08863071319657032, 0.10210973476126892)

Average AU10_r: 0.024173913043478264

Standard Deviation AU10_r: 0.12882429835415157

Maximum AU10_r: 1.87

Minimum AU10_r: 0.0

Median AU10_r: 0.0

Range AU10_r: 1.87

Skewness AU10_r: 7.543183592264514

Aguida Multimodal Analyzer

Kurtosis AU10_r: 67.40152006330237

Variance AU10_r: 0.01659569984643946

Coefficient of Variation AU10_r: 5.329062701700514

Mode AU10_r: 0.0

1st Quartile (Q1) AU10_r: 0.0

3rd Quartile (Q3) AU10_r: 0.0

IQR AU10_r: 0.0

10th Percentile AU10_r: 0.0

90th Percentile AU10_r: 0.0

Mean Absolute Deviation AU10_r: 0.044593229077161026

Harmonic Mean AU10_r: 0.0450075230084246

Geometric Mean AU10_r: 0.12106301026261211

Count AU10_r: 3795

Sum AU10_r: 91.74000000000001

95% Confidence Interval AU10_r: (0.02007396307623647, 0.02827386301072006)

Average AU12_r: 0.04691436100131753

Standard Deviation AU12_r: 0.12352105282978507

Maximum AU12_r: 1.24

Minimum AU12_r: 0.0

Median AU12_r: 0.0

Range AU12_r: 1.24

Skewness AU12_r: 5.164127290436226

Kurtosis AU12_r: 34.590163825291505

Variance AU12_r: 0.015257450492178554

Coefficient of Variation AU12_r: 2.632904939839554

Aguida Multimodal Analyzer

Mode AU12_r: 0.0

1st Quartile (Q1) AU12_r: 0.0

3rd Quartile (Q3) AU12_r: 0.04

IQR AU12_r: 0.04

10th Percentile AU12_r: 0.0

90th Percentile AU12_r: 0.14

Mean Absolute Deviation AU12_r: 0.06609231132427558

Harmonic Mean AU12_r: 0.04257888405477445

Geometric Mean AU12_r: 0.07432418677572812

Count AU12_r: 3795

Sum AU12_r: 178.04000000000002

95% Confidence Interval AU12_r: (0.04298319162587161, 0.050845530376763454)

Average AU14_r: 0.013749670619235838

Standard Deviation AU14_r: 0.11818757616384885

Maximum AU14_r: 2.47

Minimum AU14_r: 0.0

Median AU14_r: 0.0

Range AU14_r: 2.47

Skewness AU14_r: 12.217144299596825

Kurtosis AU14_r: 176.48656027283604

Variance AU14_r: 0.013968303159485574

Coefficient of Variation AU14_r: 8.595665993518711

Mode AU14_r: 0.0

1st Quartile (Q1) AU14_r: 0.0

3rd Quartile (Q3) AU14_r: 0.0

Aguida Multimodal Analyzer

IQR AU14_r: 0.0

10th Percentile AU14_r: 0.0

90th Percentile AU14_r: 0.0

Mean Absolute Deviation AU14_r: 0.026550087227317

Harmonic Mean AU14_r: 0.05648302991274106

Geometric Mean AU14_r: 0.15875048643616482

Count AU14_r: 3795

Sum AU14_r: 52.180000000000001

95% Confidence Interval AU14_r: (0.009988243969045636, 0.01751109726942604)

Average AU15_r: 0.2881554677206851

Standard Deviation AU15_r: 0.5496976425519876

Maximum AU15_r: 4.75

Minimum AU15_r: 0.0

Median AU15_r: 0.07

Range AU15_r: 4.75

Skewness AU15_r: 3.1037788901836123

Kurtosis AU15_r: 11.692383568427124

Variance AU15_r: 0.3021674982272127

Coefficient of Variation AU15_r: 1.907642589259561

Mode AU15_r: 0.0

1st Quartile (Q1) AU15_r: 0.0

3rd Quartile (Q3) AU15_r: 0.26

IQR AU15_r: 0.26

10th Percentile AU15_r: 0.0

90th Percentile AU15_r: 0.98

Aguida Multimodal Analyzer

Mean Absolute Deviation AU15_r: 0.3435592494805418

Harmonic Mean AU15_r: 0.07941003134975923

Geometric Mean AU15_r: 0.18739140165945453

Count AU15_r: 3795

Sum AU15_r: 1093.55

95% Confidence Interval AU15_r: (0.2706608424025781, 0.30565009303879215)

Average AU17_r: 0.6052516469038209

Standard Deviation AU17_r: 0.4915289891220989

Maximum AU17_r: 3.02

Minimum AU17_r: 0.0

Median AU17_r: 0.53

Range AU17_r: 3.02

Skewness AU17_r: 0.8582786056912853

Kurtosis AU17_r: 0.7094183489897237

Variance AU17_r: 0.24160074714739244

Coefficient of Variation AU17_r: 0.8121068181086777

Mode AU17_r: 0.0

1st Quartile (Q1) AU17_r: 0.18

3rd Quartile (Q3) AU17_r: 0.92

IQR AU17_r: 0.74

10th Percentile AU17_r: 0.02

90th Percentile AU17_r: 1.27

Mean Absolute Deviation AU17_r: 0.4001668848651492

Harmonic Mean AU17_r: 0.19448962141312934

Geometric Mean AU17_r: 0.450947639517482

Aguida Multimodal Analyzer

Count AU17_r: 3795

Sum AU17_r: 2296.9300000000003

95% Confidence Interval AU17_r: (0.5896082916626426, 0.6208950021449993)

Average AU20_r: 0.16518050065876155

Standard Deviation AU20_r: 0.2731735008370698

Maximum AU20_r: 1.65

Minimum AU20_r: 0.0

Median AU20_r: 0.0

Range AU20_r: 1.65

Skewness AU20_r: 2.0311258198186724

Kurtosis AU20_r: 3.94097317444161

Variance AU20_r: 0.07462376155958059

Coefficient of Variation AU20_r: 1.6537878245169253

Mode AU20_r: 0.0

1st Quartile (Q1) AU20_r: 0.0

3rd Quartile (Q3) AU20_r: 0.23

IQR AU20_r: 0.23

10th Percentile AU20_r: 0.0

90th Percentile AU20_r: 0.58

Mean Absolute Deviation AU20_r: 0.2022472881417717

Harmonic Mean AU20_r: 0.09589494618579243

Geometric Mean AU20_r: 0.20690376067780206

Count AU20_r: 3795

Sum AU20_r: 626.8600000000001

95% Confidence Interval AU20_r: (0.15648650658996188, 0.17387449472756122)

Aguida Multimodal Analyzer

Average AU23_r: 0.172695652173913

Standard Deviation AU23_r: 0.3184776665816569

Maximum AU23_r: 2.54

Minimum AU23_r: 0.0

Median AU23_r: 0.0

Range AU23_r: 2.54

Skewness AU23_r: 2.4026796352020976

Kurtosis AU23_r: 6.4967380325896364

Variance AU23_r: 0.10142802411129702

Coefficient of Variation AU23_r: 1.8441556725523942

Mode AU23_r: 0.0

1st Quartile (Q1) AU23_r: 0.0

3rd Quartile (Q3) AU23_r: 0.22

IQR AU23_r: 0.22

10th Percentile AU23_r: 0.0

90th Percentile AU23_r: 0.59

Mean Absolute Deviation AU23_r: 0.22773507475511257

Harmonic Mean AU23_r: 0.08078933305397185

Geometric Mean AU23_r: 0.21206840982024586

Count AU23_r: 3795

Sum AU23_r: 655.3799999999999

95% Confidence Interval AU23_r: (0.16255981199973185, 0.18283149234809415)

Average AU25_r: 0.4935810276679842

Standard Deviation AU25_r: 0.4959246232054033

Maximum AU25_r: 2.86

Aguida Multimodal Analyzer

Minimum AU25_r: 0.0

Median AU25_r: 0.32

Range AU25_r: 2.86

Skewness AU25_r: 1.0525479784862346

Kurtosis AU25_r: 0.5604591263812044

Variance AU25_r: 0.24594123190142123

Coefficient of Variation AU25_r: 1.0047481475300861

Mode AU25_r: 0.0

1st Quartile (Q1) AU25_r: 0.07500000000000001

3rd Quartile (Q3) AU25_r: 0.81

IQR AU25_r: 0.73500000000000001

10th Percentile AU25_r: 0.0

90th Percentile AU25_r: 1.23

Mean Absolute Deviation AU25_r: 0.41033298442406535

Harmonic Mean AU25_r: 0.1494648300821425

Geometric Mean AU25_r: 0.3567903775425402

Count AU25_r: 3795

Sum AU25_r: 1873.1399999999999

95% Confidence Interval AU25_r: (0.4777977773911169, 0.5093642779448514)

Average AU26_r: 0.42558366271409753

Standard Deviation AU26_r: 0.4561113690389107

Maximum AU26_r: 3.24

Minimum AU26_r: 0.0

Median AU26_r: 0.3

Range AU26_r: 3.24

Aguida Multimodal Analyzer

Skewness AU26_r: 1.7031144178645794

Kurtosis AU26_r: 4.006654922463314

Variance AU26_r: 0.2080375809665494

Coefficient of Variation AU26_r: 1.071731386797433

Mode AU26_r: 0.0

1st Quartile (Q1) AU26_r: 0.07

3rd Quartile (Q3) AU26_r: 0.64

IQR AU26_r: 0.5700000000000001

10th Percentile AU26_r: 0.0

90th Percentile AU26_r: 1.04

Mean Absolute Deviation AU26_r: 0.3463109416904914

Harmonic Mean AU26_r: 0.16577585072987172

Geometric Mean AU26_r: 0.33510234191591043

Count AU26_r: 3795

Sum AU26_r: 1615.0900000000001

95% Confidence Interval AU26_r: (0.41106750530869274, 0.4400998201195023)

Average AU45_r: 0.27299341238471675

Standard Deviation AU45_r: 0.4672111864964037

Maximum AU45_r: 3.22

Minimum AU45_r: 0.0

Median AU45_r: 0.05

Range AU45_r: 3.22

Skewness AU45_r: 2.603082260608222

Kurtosis AU45_r: 7.901934982819357

Variance AU45_r: 0.21828629278737732

Aguida Multimodal Analyzer

Coefficient of Variation AU45_r: 1.7114375853069488

Mode AU45_r: 0.0

1st Quartile (Q1) AU45_r: 0.0

3rd Quartile (Q3) AU45_r: 0.35

IQR AU45_r: 0.35

10th Percentile AU45_r: 0.0

90th Percentile AU45_r: 0.86

Mean Absolute Deviation AU45_r: 0.3217081736769655

Harmonic Mean AU45_r: 0.09209437791708465

Geometric Mean AU45_r: 0.23250966026843536

Count AU45_r: 3795

Sum AU45_r: 1036.01

95% Confidence Interval AU45_r: (0.2581239932359712, 0.2878628315334623)

OpenFaces Comparison Data

Metric	Test 1	Test 2
Average AU01_r	0.12812952534191477	0.12391040843214757
Standard Deviation AU01_r	0.20634775816795686	0.17511497054666406
Maximum AU01_r	1.75	1.32
Minimum AU01_r	0.0	0.0
Median AU01_r	0.04	0.04
Range AU01_r	1.75	1.32
Skewness AU01_r	3.0121567177927235	2.06687333187947
Kurtosis AU01_r	13.187837705038728	5.537112943889113

Aguida Multimodal Analyzer

Variance AU01_r	0.0425793973009416	0.03066525290955902
Coefficient of Variation AU01_r	1.6104622070308623	1.4132385871567499
Mode AU01_r	0.0	0.0
1st Quartile (Q1) AU01_r	0.0	0.0
3rd Quartile (Q3) AU01_r	0.17	0.19
IQR AU01_r	0.17	0.19
10th Percentile AU01_r	0.0	0.0
90th Percentile AU01_r	0.38	0.35599999999999991
Mean Absolute Deviation AU01_r	0.14085599874178747	0.1313783610290914
Harmonic Mean AU01_r	0.053213381765295026	0.06592058072745238
Geometric Mean AU01_r	0.10954454787031925	0.12768101886662192
Count AU01_r	2486	3795
Sum AU01_r	318.53000000000001	470.24
95% Confidence Interval (CI) AU01_r	(0.1200111452617817, 0.13621490542268783) (0.12948360096592398)	
Average AU02_r	0.0729646017699115	0.08642951251646903
Standard Deviation AU02_r	0.1404024839487399	0.17961309666934022
Maximum AU02_r	1.3	2.42
Minimum AU02_r	0.0	0.0
Median AU02_r	0.0	0.0
Range AU02_r	1.3	2.42
Skewness AU02_r	2.7314467040664243	4.873102265962463
Kurtosis AU02_r	9.403143143396958	42.33906225781871
Variance AU02_r	0.01971285749897616	0.032260864495149755
Coefficient of Variation AU02_r	1.924254783045192	2.078145432500446
Mode AU02_r	0.0	0.0

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1st Quartile (Q1) AU02_r	0.0	0.0
3rd Quartile (Q3) AU02_r	0.08	0.11
IQR AU02_r	0.08	0.11
10th Percentile AU02_r	0.0	0.0
90th Percentile AU02_r	0.265	0.28
Mean Absolute Deviation AU02_r	0.09636217686299917	0.1130139476913837
Harmonic Mean AU02_r	0.06292214880356152	0.07326635438761737
Geometric Mean AU02_r	0.11371984143878126	0.13519367863583787
Count AU02_r	2486	3795
Sum AU02_r	181.39	328.0
95% Confidence Interval AU02_r	(0.06740276072082496, 0.07608074281399502)	(0.0894281639802689, 0.09214586198791118)
Average AU04_r	2.1738173773129525	2.1370592885375497
Standard Deviation AU04_r	0.44726140659652747	0.4799331083849145
Maximum AU04_r	3.45	3.53
Minimum AU04_r	0.0	0.0
Median AU04_r	2.16	2.17
Range AU04_r	3.45	3.53
Skewness AU04_r	-1.0864745409405732	-0.9168378843129764
Kurtosis AU04_r	4.5366481475197205	2.3274123034709824
Variance AU04_r	0.20004276583070427	0.23033578852400607
Coefficient of Variation AU04_r	0.20574930132787217	0.22457641253057903
Mode AU04_r	2.16	2.23
1st Quartile (Q1) AU04_r	1.95	1.85
3rd Quartile (Q3) AU04_r	2.45	2.47
IQR AU04_r	0.5000000000000002	0.6200000000000001

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10th Percentile AU04_r	1.74	1.58
90th Percentile AU04_r	2.7	2.7
Mean Absolute Deviation AU04_r	0.3228487316583487	0.3700350013279383
Harmonic Mean AU04_r	2.096846519859279	1.5630910016612716
Geometric Mean AU04_r	2.151797521343148	2.06245534067353
Count AU04_r	2486	3795
Sum AU04_r	5404.110000000001	8110.14
95% Confidence Interval AU04_r	(2.156227187131427, 2.191407587494928)	(2.02857, 2.152333594372242)
Average AU05_r	0.04560740144810941	0.05129644268774704
Standard Deviation AU05_r	0.09549286071856172	0.10772510053700593
Maximum AU05_r	0.74	1.07
Minimum AU05_r	0.0	0.0
Median AU05_r	0.0	0.0
Range AU05_r	0.74	1.07
Skewness AU05_r	3.2129604117312525	3.212939795079831
Kurtosis AU05_r	12.903147876042548	13.220104053403258
Variance AU05_r	0.009118886448214628	0.011604697285708036
Coefficient of Variation AU05_r	2.0938018323015033	2.100050118343543
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	0.16	0.18
Mean Absolute Deviation AU05_r	0.062350773341169105	0.07038376478307738

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Harmonic Mean AU05_r	0.04194421787718103	0.04728038747142666
Geometric Mean AU05_r	0.07468629716350599	0.08544401074875707
Count AU05_r	2486	3795
Sum AU05_r	113.38	194.67000000000002
95% Confidence Interval AU05_r	(0.041850795540147195, 0.042086799567902686, 0.05472489157557739)	
Average AU06_r	1.195603378921963	0.9984295125164692
Standard Deviation AU06_r	0.27846680329235296	0.38979741433343645
Maximum AU06_r	2.1	3.1
Minimum AU06_r	0.0	0.0
Median AU06_r	1.21	0.99
Range AU06_r	2.1	3.1
Skewness AU06_r	-1.2116365867524346	0.8613589000837751
Kurtosis AU06_r	4.730859577496077	3.1357476283308197
Variance AU06_r	0.077543760535862	0.15194202422103273
Coefficient of Variation AU06_r	0.23290901330793956	0.3904105492144161
Mode AU06_r	1.31	1.06
1st Quartile (Q1) AU06_r	1.08	0.75
3rd Quartile (Q3) AU06_r	1.35	1.2
IQR AU06_r	0.27	0.44999999999999996
10th Percentile AU06_r	0.93	0.54
90th Percentile AU06_r	1.47	1.42
Mean Absolute Deviation AU06_r	0.19335444377492236	0.28570160654491294
Harmonic Mean AU06_r	0.9070031404536738	0.720980010808384
Geometric Mean AU06_r	1.1635879546992234	0.9157498629019237
Count AU06_r	2486	3795

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Sum AU06_r	2972.27	3789.0400000000004
95% Confidence Interval AU06_r	(1.1840616536961542, 1.206586023856778)	(0.321, 1.0108351682549062)
Average AU07_r	1.9865285599356397	1.6772042160737812
Standard Deviation AU07_r	0.5303549327735163	0.5890185176289366
Maximum AU07_r	3.83	4.03
Minimum AU07_r	0.0	0.0
Median AU07_r	1.99	1.66
Range AU07_r	3.83	4.03
Skewness AU07_r	-0.2671110866429045	0.1631931788032456
Kurtosis AU07_r	0.9568081367281844	-0.10134343241599009
Variance AU07_r	0.281276354717201	0.3469428141097899
Coefficient of Variation AU07_r	0.26697574022832016	0.35119069698488364
Mode AU07_r	2.11	1.75
1st Quartile (Q1) AU07_r	1.65	1.25
3rd Quartile (Q3) AU07_r	2.34	2.1
IQR AU07_r	0.69	0.8500000000000001
10th Percentile AU07_r	1.355	0.92
90th Percentile AU07_r	2.67	2.4259999999999993
Mean Absolute Deviation AU07_r	0.41498145042649137	0.4789555288232037
Harmonic Mean AU07_r	1.8568169651745914	1.4007505841780368
Geometric Mean AU07_r	1.934766920565295	1.5583385562185081
Count AU07_r	2486	3795
Sum AU07_r	4938.51	6364.99
95% Confidence Interval AU09_r	(1.9656704130139404, 2.007185045376329)	(1.6686, 1.6959502638528938)
Average AU09_r	0.045012067578439265	0.09537022397891962

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Standard Deviation AU09_r	0.08115402460411765	0.21176179092996822
Maximum AU09_r	0.8	1.69
Minimum AU09_r	0.0	0.0
Median AU09_r	0.0	0.0
Range AU09_r	0.8	1.69
Skewness AU09_r	3.150513763374973	3.1938804309452955
Kurtosis AU09_r	14.665351045877372	11.43416003275014
Variance AU09_r	0.006585975709445733	0.044843056097867574
Coefficient of Variation AU09_r	1.8029392776214161	2.2204183034819702
Mode AU09_r	0.0	0.0
1st Quartile (Q1) AU09_r	0.0	0.0
3rd Quartile (Q3) AU09_r	0.06	0.08
IQR AU09_r	0.06	0.08
10th Percentile AU09_r	0.0	0.0
90th Percentile AU09_r	0.14	0.31
Mean Absolute Deviation AU09_r	0.0552943887216522	0.12920467087093654
Harmonic Mean AU09_r	0.0400201057821893	0.051100910308026916
Geometric Mean AU09_r	0.06460820807376715	0.10707284087474012
Count AU09_r	2486	3795
Sum AU09_r	111.9	361.92999999999995
95% Confidence Interval AU09_r	(0.011420938829214274, 0.0462856852736256)	(0.02110973476126892, 0.10210973476126892)
Average AU10_r	0.014818986323411101	0.024173913043478264
Standard Deviation AU10_r	0.09556623277401867	0.12882429835415157
Maximum AU10_r	1.41	1.87
Minimum AU10_r	0.0	0.0

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Median AU10_r	0.0	0.0
Range AU10_r	1.41	1.87
Skewness AU10_r	9.592347006539722	7.543183592264514
Kurtosis AU10_r	106.34331116614582	67.40152006330237
Variance AU10_r	0.00913290484661792	0.01659569984643946
Coefficient of Variation AU10_r	6.448904850060001	5.329062701700514
Mode AU10_r	0.0	0.0
1st Quartile (Q1) AU10_r	0.0	0.0
3rd Quartile (Q3) AU10_r	0.0	0.0
IQR AU10_r	0.0	0.0
10th Percentile AU10_r	0.0	0.0
90th Percentile AU10_r	0.0	0.0
Mean Absolute Deviation AU10_r	0.027717082111958908	0.044593229077161026
Harmonic Mean AU10_r	0.04480535722861543	0.0450075230084246
Geometric Mean AU10_r	0.09844249170535249	0.12106301026261211
Count AU10_r	2486	3795
Sum AU10_r	36.839999999999996	91.74000000000001
95% Confidence Interval AU10_r	(0.01108094791090373, 0.046204739650623547)	(0.02827386301072006)
Average AU12_r	0.03126709573612229	0.04691436100131753
Standard Deviation AU12_r	0.08094787713242368	0.12352105282978507
Maximum AU12_r	0.75	1.24
Minimum AU12_r	0.0	0.0
Median AU12_r	0.0	0.0
Range AU12_r	0.75	1.24
Skewness AU12_r	3.8826980377370326	5.164127290436226

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Kurtosis AU12_r	17.983813980455608	34.590163825291505
Variance AU12_r	0.006552558812245961	0.015257450492178554
Coefficient of Variation AU12_r	2.5889157667722276	2.632904939839554
Mode AU12_r	0.0	0.0
1st Quartile (Q1) AU12_r	0.0	0.0
3rd Quartile (Q3) AU12_r	0.02	0.04
IQR AU12_r	0.02	0.04
10th Percentile AU12_r	0.0	0.0
90th Percentile AU12_r	0.1	0.14
Mean Absolute Deviation AU12_r	0.0464635490524896	0.06609231132427558
Harmonic Mean AU12_r	0.03472692903189248	0.04257888405477445
Geometric Mean AU12_r	0.06002017897377261	0.07432418677572812
Count AU12_r	2486	3795
Sum AU12_r	77.73	178.04000000000002
95% Confidence Interval for Mean AU12_r	(0.028083524489979514, 0.09452663992258665)	
Average AU14_r	0.006194690265486725	0.013749670619235838
Standard Deviation AU14_r	0.052464424163248854	0.11818757616384885
Maximum AU14_r	1.11	2.47
Minimum AU14_r	0.0	0.0
Median AU14_r	0.0	0.0
Range AU14_r	1.11	2.47
Skewness AU14_r	13.344559222499273	12.217144299596825
Kurtosis AU14_r	220.1404160775854	176.48656027283604
Variance AU14_r	0.0027525158027812903	0.013968303159485574
Coefficient of Variation AU14_r	8.469257043495888	8.595665993518711

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Mode AU14_r	0.0	0.0
1st Quartile (Q1) AU14_r	0.0	0.0
3rd Quartile (Q3) AU14_r	0.0	0.0
IQR AU14_r	0.0	0.0
10th Percentile AU14_r	0.0	0.0
90th Percentile AU14_r	0.0	0.0
Mean Absolute Deviation AU14_r	0.01200563865612029	0.026550087227317
Harmonic Mean AU14_r	0.06912740546782638	0.05648302991274106
Geometric Mean AU14_r	0.11763114936174288	0.15875048643616482
Count AU14_r	2486	3795
Sum AU14_r	15.399999999999999	52.180000000000001
95% Confidence Interval AU14_r	(0.01441334954286652, 0.026550087227317)	(0.026550087227317, 0.0446901743601751109726942604)
Average AU15_r	0.29751005631536603	0.2881554677206851
Standard Deviation AU15_r	0.6538846886229484	0.5496976425519876
Maximum AU15_r	5.0	4.75
Minimum AU15_r	0.0	0.0
Median AU15_r	0.07	0.07
Range AU15_r	5.0	4.75
Skewness AU15_r	3.818878740660653	3.1037788901836123
Kurtosis AU15_r	16.93352540667771	11.692383568427124
Variance AU15_r	0.42756518601553006	0.3021674982272127
Coefficient of Variation AU15_r	2.197857432858736	1.907642589259561
Mode AU15_r	0.0	0.0
1st Quartile (Q1) AU15_r	0.0	0.0
3rd Quartile (Q3) AU15_r	0.24	0.26

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IQR AU15_r	0.24	0.26
10th Percentile AU15_r	0.0	0.0
90th Percentile AU15_r	0.66	0.98
Mean Absolute Deviation AU15_r	0.36225444953525743	0.3435592494805418
Harmonic Mean AU15_r	0.06971346166320215	0.07941003134975923
Geometric Mean AU15_r	0.1645758394689897	0.18739140165945453
Count AU15_r	2486	3795
Sum AU15_r	739.61	1093.55
95% Confidence Interval AU15_r	(0.2701936500705478, 0.3202706208018025781, 0.30565009303879215)	
Average AU17_r	0.5281456154465004	0.6052516469038209
Standard Deviation AU17_r	0.6127860811099547	0.4915289891220989
Maximum AU17_r	5.0	3.02
Minimum AU17_r	0.0	0.0
Median AU17_r	0.43	0.53
Range AU17_r	5.0	3.02
Skewness AU17_r	4.324922360828876	0.8582786056912853
Kurtosis AU17_r	25.9339400703192	0.7094183489897237
Variance AU17_r	0.375506781202096	0.24160074714739244
Coefficient of Variation AU17_r	1.1602597147226117	0.8121068181086777
Mode AU17_r	0.0	0.0
1st Quartile (Q1) AU17_r	0.18	0.18
3rd Quartile (Q3) AU17_r	0.72	0.92
IQR AU17_r	0.54	0.74
10th Percentile AU17_r	0.01	0.02
90th Percentile AU17_r	0.97	1.27

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Mean Absolute Deviation AU17_r	0.3587470073764651	0.4001668848651492
Harmonic Mean AU17_r	0.18582942711167258	0.19448962141312934
Geometric Mean AU17_r	0.38759098913991696	0.450947639517482
Count AU17_r	2486	3795
Sum AU17_r	1312.97	2296.9300000000003
95% Confidence Interval (AU17_r)	(0.5040745562215126, 0.5520458868728766)	
Average AU20_r	0.17697506033789218	0.16518050065876155
Standard Deviation AU20_r	0.5177595491013275	0.2731735008370698
Maximum AU20_r	5.0	1.65
Minimum AU20_r	0.0	0.0
Median AU20_r	0.02	0.0
Range AU20_r	5.0	1.65
Skewness AU20_r	7.2728297559016175	2.0311258198186724
Kurtosis AU20_r	60.51891592110179	3.94097317444161
Variance AU20_r	0.26807495068561	0.07462376155958059
Coefficient of Variation AU20_r	2.9256074167331128	1.6537878245169253
Mode AU20_r	0.0	0.0
1st Quartile (Q1) AU20_r	0.0	0.0
3rd Quartile (Q3) AU20_r	0.1875	0.23
IQR AU20_r	0.1875	0.23
10th Percentile AU20_r	0.0	0.0
90th Percentile AU20_r	0.42	0.58
Mean Absolute Deviation AU20_r	0.21945232157685612	0.2022472881417717
Harmonic Mean AU20_r	0.07286163547990938	0.09589494618579243
Geometric Mean AU20_r	0.15212678325262424	0.20690376067780206

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Count AU20_r	2486	3795
Sum AU20_r	439.9599999999999	626.8600000000001
95% Confidence Interval AU20_r	(0.156002272932877, 0.19703754736520583)	(0.16188, 0.17387449472756122)
Average AU23_r	0.11874899436846341	0.172695652173913
Standard Deviation AU23_r	0.2308192123758445	0.3184776665816569
Maximum AU23_r	2.1	2.54
Minimum AU23_r	0.0	0.0
Median AU23_r	0.0	0.0
Range AU23_r	2.1	2.54
Skewness AU23_r	2.998436404131912	2.4026796352020976
Kurtosis AU23_r	11.766778445640037	6.4967380325896364
Variance AU23_r	0.0532775088018052	0.10142802411129702
Coefficient of Variation AU23_r	1.943757196457943	1.8441556725523942
Mode AU23_r	0.0	0.0
1st Quartile (Q1) AU23_r	0.0	0.0
3rd Quartile (Q3) AU23_r	0.14	0.22
IQR AU23_r	0.14	0.22
10th Percentile AU23_r	0.0	0.0
90th Percentile AU23_r	0.4	0.59
Mean Absolute Deviation AU23_r	0.15343579394569365	0.22773507475511257
Harmonic Mean AU23_r	0.062281371875289065	0.08078933305397185
Geometric Mean AU23_r	0.13829061625972244	0.21206840982024586
Count AU23_r	2486	3795
Sum AU23_r	295.21000000000004	655.3799999999999
95% Confidence Interval AU23_r	(0.109671848741521, 0.12702620596279973)	(0.17185, 0.18283149234809415)

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Average AU25_r	0.4286846339501207	0.4935810276679842
Standard Deviation AU25_r	0.43079197982377726	0.4959246232054033
Maximum AU25_r	2.24	2.86
Minimum AU25_r	0.0	0.0
Median AU25_r	0.32	0.32
Range AU25_r	2.24	2.86
Skewness AU25_r	1.1877102843759597	1.0525479784862346
Kurtosis AU25_r	1.2073298729519477	0.5604591263812044
Variance AU25_r	0.1855817298804897	0.24594123190142123
Coefficient of Variation AU25_r	1.0049158418724702	1.0047481475300861
Mode AU25_r	0.0	0.0
1st Quartile (Q1) AU25_r	0.06	0.07500000000000001
3rd Quartile (Q3) AU25_r	0.68	0.81
IQR AU25_r	0.6200000000000001	0.7350000000000001
10th Percentile AU25_r	0.0	0.0
90th Percentile AU25_r	1.04	1.23
Mean Absolute Deviation AU25_r	0.34552977607829916	0.41033298442406535
Harmonic Mean AU25_r	0.12139019650396904	0.1494648300821425
Geometric Mean AU25_r	0.31429500705204483	0.3567903775425402
Count AU25_r	2486	3795
Sum AU25_r	1065.71	1873.1399999999999
95% Confidence Interval (CI) AU25_r	(0.41112521641952646, 0.44562770390497697) (0.4771169, 0.5093642779448514)	
Average AU26_r	0.3609010458567981	0.42558366271409753
Standard Deviation AU26_r	0.4771535241160549	0.4561113690389107
Maximum AU26_r	3.85	3.24

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Minimum AU26_r	0.0	0.0
Median AU26_r	0.24	0.3
Range AU26_r	3.85	3.24
Skewness AU26_r	3.5054346515617016	1.7031144178645794
Kurtosis AU26_r	16.026442401350508	4.006654922463314
Variance AU26_r	0.22767548557637055	0.2080375809665494
Coefficient of Variation AU26_r	1.322117321614481	1.071731386797433
Mode AU26_r	0.0	0.0
1st Quartile (Q1) AU26_r	0.07	0.07
3rd Quartile (Q3) AU26_r	0.47	0.64
IQR AU26_r	0.39999999999999997	0.57000000000000001
10th Percentile AU26_r	0.0	0.0
90th Percentile AU26_r	0.76	1.04
Mean Absolute Deviation AU26_r	0.29171045060706813	0.3463109416904914
Harmonic Mean AU26_r	0.13028275922834376	0.16577585072987172
Geometric Mean AU26_r	0.2574216702834027	0.33510234191591043
Count AU26_r	2486	3795
Sum AU26_r	897.2	1615.0900000000001
95% Confidence Interval AU26_r (0.34022522388562448, 0.3706686285755086) (0.66186285755086, 0.9274, 0.4400998201195023)		
Average AU45_r	0.21297264682220432	0.27299341238471675
Standard Deviation AU45_r	0.35643751072284097	0.4672111864964037
Maximum AU45_r	2.49	3.22
Minimum AU45_r	0.0	0.0
Median AU45_r	0.045	0.05
Range AU45_r	2.49	3.22

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Skewness AU45_r	2.7598297875973143	2.603082260608222
Kurtosis AU45_r	9.592923014222398	7.901934982819357
Variance AU45_r	0.12704769905029537	0.21828629278737732
Coefficient of Variation AU45_r	1.6736304687071164	1.7114375853069488
Mode AU45_r	0.0	0.0
1st Quartile (Q1) AU45_r	0.0	0.0
3rd Quartile (Q3) AU45_r	0.31	0.35
IQR AU45_r	0.31	0.35
10th Percentile AU45_r	0.0	0.0
90th Percentile AU45_r	0.62	0.86
Mean Absolute Deviation AU45_r	0.24594201543122582	0.3217081736769655
Harmonic Mean AU45_r	0.08907426191928536	0.09209437791708465
Geometric Mean AU45_r	0.2075058315163168	0.23250966026843536
Count AU45_r	2486	3795
Sum AU45_r	529.4499999999999	1036.01
95% Confidence Interval (CI) AU45_r	(0.198541384345081, 0.226908520990559)	(0.259712, 0.2878628315334623)