

2019 – DATA FORENSICS REPORT

CLIENT EUROPEAN DRIVER TESTING

PROGRAMME SPECIAL TRANSPORT

DATE SEPTEMBER 25, 2019

TIMEFRAME Q2 – 2018

LOCATION(S) ATLANTA

TESTS COMPLETED 7,398 [out of 42,618]

RESPONSES 481,740 [out of 2,772,280]

DATA RELIABILITY 98%



REPORT PARAMETERS

OVERALL SAMPLE

Name European Driver Testing Tests taken 42,932

Programme Special Transport Completed 42,618

Domain Truck Items per exam 65

Countries 12 Exam time 90 min.

Test centres 37 locations Pass rate 68%

Languages 14 Cut-off score 56 [65]

SAMPLE SELECTION

Time frame Apr 1, '19 – 30 Jun, '19 Exam slots ALL [185]

Location(s) ATLANTA Passed ALL

Centre(s) ALL [#2] Failed ALL

Language Spanish Time zone not applicable

Seats ALL [48] Time slot not applicable

Candidate(s) ALL [completed]

40 seats

SAMPLE KEY FIGURES

Av. per slot

Data cleaning 2.3% Min. per slot 3 seats

Exam slots 185 Max. per slot 48 seats

Tests taken 7,436 [100%] Item Types choice, gap match, order

Completed 7,398 [99.4%] Average time 68 min. [overall: 87 min.]

Responses 481,740 Pass rate 99% [overall: 68%]



DATA FORENSICS RESULTS

SAMPLE

PUBLICATION DATE: September 25, 2019

BY: Sebastiaan de Klerk

ANOMALIES

Yellow 851 [11,4%] Red 437 [5,9%]

Average rate 2.3% Average rate 1.2%

Responses 45,315 [91,9%] Responses 28,405 [100%]

Pass rate 44% Pass rate 100%

Fraud types 3 up to 4 Fraud types 2 up to 5

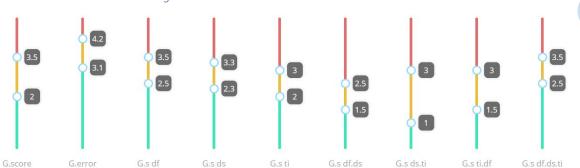
KEY VALUE

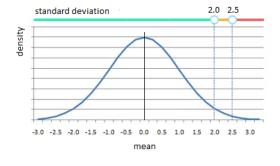
G-sore: 0.15 G.s dif 0.10 G.s ti 0.23

G-error: 40 G.s dis 0.05 G.s dif+dis 0.18

THRESHOLD SETTINGS

Guttman Analysis – settings displayed below are the standard deviations for the Guttman scoring. These variables are set to and flag aberrant behaviour in exams.





KEY
G = Guttman
s = score
df = difficulty
ds = distance
ti = time





ID FLAGGING

YELLOW



SESSION ID	CAN ID	DATE	# of ITEMS	FRAUD TYPE
-				
892199	10027	02 Jun 18	40	Pre-knowledge
985821	10132	10 May 18	40	Using code
596009	10305	05 Jun 18	40	Cheat sheet
235325	10315	30 May 18	40	Harvesting

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...851#

RED



SESSION ID	CAN ID	DATE	# of ITEMS	FRAUD TYPE
397895	10450	20 May 18	40	Identity fraud
501785	10496	25 May 18	40	Int. collaboration
864898	10606	02 Jun 18	40	Proctor assistance
368433	10703	23 May 18	40	Identity fraud
				•••
437#				

RECOMMENDATIONS

- 1. Supervise invigilator(s)
- 2. Apply remote proctoring solution
- 3. Quarantine all Spanish items
- 4. Confront Candidate
- 5. Build case

