

Elderly drivers' acceptance of digital tests in the Vienna Test System

Extract of a study supervised by Prof. Dr. Rainer Banse

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The aim of the study is to identify the ideal combination of tests for multivariate prediction or diagnosis of elderly drivers' fitness to drive.

Study framework:

- ✓ Test persons: conspicuous drivers
N = 300 test persons (currently N = 241)
- ✓ Age of the test persons ranging from 50 to 80+ years
- ✓ Vienna Test System (VTS), other tests and questionnaires



Questionnaire regarding the acceptance of the VTS:



Question	Evaluation
How clear were the instructions? 1 = very clear = 35,68% 6 = not clear at all = 0,41%	
How appealing was the design of the tests? 1 = very appealing = 25,73% 6 = not appealing at all = 0%	
How easy was it to handle the keyboard? 1 = very easy = 42,74% 6 = not at all easy = 0%	
How user-friendly was the test? 1 = very user-friendly = 21,16% 6 = not user-friendly at all = 0%	
How interesting was the test? 1 = very interesting = 39,42% 6 = not interesting at all = 0%	
How much fun was the test? 1 = very funny = 22,82% 6 = not funny at all = 0,41%	

Conclusion:

The acceptance of digital tests in the Vienna Test System to diagnose the fitness to drive is very high with elderly drivers that have little to no experience with computers.