





One good example of the application of the cognitive measurement in the industry

- In Japan, professional drivers (bus, taxi, truck) are required to take a driving aptitude test on a timely basis.
- Driving aptitude test:
 - Questionnaire × 3
 - Performance test × 3
 - Physical test × 3
- Feedback based on the test results is provided to each driver with advice on accident prevention.
 - An example of such advice: You have a tendency to act before check. Try check-oriented driving.

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Conclusions

- Measuring individual differences in cognitive skills is very significant for industrial safety.
- However, it is necessary to provide thorough instructions for the appropriate use of measurement (not for finger-pointing but for cause-investigation), so that individuals won't be dismissed on the basis of their results.
- Further studies will be needed to clarify the relationship between accidents and individual differences in cognition, in practical working situations.

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