Appendix 3. Reliability and validity analysis results of three test methods

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| Testing methods | Reliability analysis | |  | Validity analysis |
| Cronbach's alpha | Cronbach's alpha based on standardized items |  | Kaiser-Meyer-Olkin measure of sampling adequacy |
| 1. Self-assessment questionnaire | 0.939 | 0.939 |  | 0.740 |
| 2. Satisfaction survey | 0.971 | 0.972 |  | 0.730 |
| 3. Final closed-book examination | 0.866 | 0.884 |  | 0.500 |