This online survey was designed to test the measurement properties of nine personality scales – the Big Five, Traditionalism, Self-Control, Self-Efficacy, Honesty/Integrity, Socio-Emotional skills, Intellectual Curiosity, Job Orientation Preferences and Vocational Interests. Eight of these nine scales are existing scales (or combinations of scales) available for use in public domain. The scale assessing socio-emotional skills was developed by an expert group. The full formulations of items in all scales are presented in the attached excel file.

The online survey was designed with following objectives:
1) Testing the measurement characteristics of selected scales;
2) Testing the cross national comparability of selected scales.

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Table 1. Personality scales in the online survey

<table>
<thead>
<tr>
<th>Scale</th>
<th>Number of items</th>
<th>Response scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Five</td>
<td>60</td>
<td>Agree/Disagree</td>
</tr>
<tr>
<td>Traditionalism</td>
<td>8</td>
<td>Agree/Disagree</td>
</tr>
<tr>
<td>Self-Control</td>
<td>20</td>
<td>Agree/Disagree</td>
</tr>
<tr>
<td>Self-Efficacy</td>
<td>8</td>
<td>Agree/Disagree</td>
</tr>
<tr>
<td>Integrity-Honesty</td>
<td>12</td>
<td>Agree/Disagree</td>
</tr>
<tr>
<td>Socio-Emotional Skills</td>
<td>16</td>
<td>Never/Always</td>
</tr>
<tr>
<td>Intellectual Curiosity</td>
<td>6</td>
<td>Not at all/To a high extent</td>
</tr>
<tr>
<td>Job Orientations</td>
<td>10</td>
<td>Not at all/Very important</td>
</tr>
<tr>
<td>Vocational Interests</td>
<td>30</td>
<td>Like/Dislike</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>170</strong></td>
<td><strong>5 different response scales</strong></td>
</tr>
</tbody>
</table>

Background questionnaire

In order to examine the analytic potential (and policy relevance) of the selected personality measures, the survey included a number of socio-demographic and economic and personal wellbeing indicators as well as a short cognitive ability test.

In particular, it includes:

- **Socio-demographic characteristics:** Gender, age, country of birth, mother tongue, marital status, educational attainment, and parental education.
- **Economic and wellbeing indicators:** Broad activity status, occupational status, subjective health, social trust, life satisfaction, and personal wellbeing.
- **Quality control questions:** In order to check the quality of the response data, the survey included three quality control items placed within the Big Five, Self-Control, and Socio-Emotional skills scales. These were later used, along other indicators of data quality, for the creation of an overall quality control indicator and removal of poor quality responses.
Methodology

Geographic Coverage
Germany (DEU), Spain (ESP), France (FRA), Japan (JPN), Poland (POL)

Universe
Persons between 16 and 65 years in Germany, Spain, France, Japan and Poland

Selection Method
7436 responses were collected, around 1500 by country. Out of these, 6.6% respondents were excluded after failing on various quality control criteria - age, testing time, ability test, consistency of answers, answers on quality control questions, incomplete responses. An aggregate quality indicator was constructed based on these criteria and respondents with poor response quality were removed from the datasets. Thus, in the final sample there are 1,314 French respondents, 1,240 Japanese respondents, 1,380 Spanish respondents, 1,538 German respondents and 1,452 Polish respondents. The sample was a convenience sample and is therefore unrepresentative of the populations in the countries concerned. Quotas were used to ensure a gender and age distribution that broadly represented national’s census data.

Criteria for quality control and exclusion
Quality control was undertaken using the following 8 criteria:
  - Testing time - excluding those that answered in less than 6 minutes and marking those who had finished in between 6-8 minutes (1 point);
  - Age - excluding those younger than 16 and older than 65;
  - Ability test results (2 criteria) - marking those that repeatedly answered “don’t know” or that did not have single correct answer (1 point for each of the two criteria);
  - Quality control items (3 criteria) - marking those that failed one, two or all three quality control answers (1 point for each failed quality control item);
  - Consistency in answering – marking those that gave the same answers to four pairs of opposing/reverse questions (e.g. “Is neat” vs. “Is messy”; or “Is talkative” vs. “Tends to be quiet”).

In the end an overall quality indicator (named "quality") was compiled combining all these individual criteria. Non-complete cases as well as duplicates were excluded from the database.

Mode of Data Collection
Web survey, entire survey was conducted online. The survey was implemented using Survey Monkey platform.

Data Collector
Cint company

Date of Collection
30.01.2017 – 06.03.2017
Data & Documents

Dataset
Number of Units: 6924
Number of Variables: 219
Analysis System(s): SPSS, Stata

Current Version
1.0.0, 16.08.2018, doi:10.4232/1.13062

Availability
C - Data and documents are only released for academic research and teaching after the data depositor’s written authorization. For this purpose the Data Archive obtains a written permission with specification of the user and the analysis intention.

Available Data and Documents
- Data set (Stata and SPSS format)
- Codebook – presenting variable names, original item formulations and response options
- Print version of online questionnaires
- Questionnaire items translations

Publications

References

Groups

Study List

- **ZA5650** Programme for the International Assessment of Adult Competencies (PIAAC), Cyprus
- **ZA5845** Programme for the International Assessment of Adult Competencies (PIAAC), Germany - Reduced Version
- **ZA5846** Programme for the International Assessment of Adult Competencies (PIAAC), Germany - Extended Version – Regional Data
- **ZA5963** Programme for the International Assessment of Adult Competencies (PIAAC), Germany - Extended Version – microm data
- **ZA5951** Programme for the International Assessment of Adult Competencies (PIAAC), Germany – Prime Age (2012)
- **ZA5969** Competencies in Later Life (CiLL) - Programme for the International Assessment of Adult Competencies (PIAAC), Germany
- **ZA5989** PIAAC-Longitudinal (PIAAC-L), Germany
- **ZA6712** Programme for the International Assessment of Adult Competencies (PIAAC), log files
- **ZA6940** Programme for the International Assessment of Adult Competencies (PIAAC), English Pilot Study on Non-Cognitive Skills
- **ZA6941** Programme for the International Assessment of Adult Competencies (PIAAC), International Pilot Study on Non-Cognitive Skills