**Table 2.** Pattern Matrix with 3 components.

|  |  |
| --- | --- |
| **PPQr items** | **Components\*** |
|  | **1‘Stress’** | **2‘Attitude’** | **3‘Resources’** |
| 1. Without publication pressure, my scientific output would be of higher quality.
 | .134 | .501 | .201 |
| 1. My publications contribute to scientific progress.
 | -.032 | .221 | .304 |
| 1. **I experience stress at the thought of my colleagues' assessment of my publications output.**
 | **.537** | .233 | .050 |
| 1. I experience the publication criteria formulated by my employer as a positive motivating factor.
 | .175 | .671 | -.070 |
| 1. **The current publication climate puts pressure on relationships with fellow-researchers.**
 | .050 | **.541** | -.010 |
| 1. **I suspect that publication pressure leads some colleagues (whether intentionally or not) to cut corners.**
 | -.134 | **.722** | .082 |
| 1. Publication pressure in university institutions increases the validity of scientific literature.
 | -.119 | .783 | -.201 |
| 1. Publication pressure leads to questionable research practices, which lead to serious doubts about the validity of research results.
 | -.155 | .763 | .043 |
| 1. **In my opinion the pressure to publish scientific articles has become too high.**
 | .173 | **.708** | .000 |
| 1. The competitive scientific climate pressures me to publish more.
 | .249 | .015 | .075 |
| 1. **My colleagues judge me mainly on the basis of my publications.**
 | .330 | **.320** | .043 |
| 1. **Colleagues maintain their administrative and teaching skills well, despite publication pressure.**
 | .174 | **.421** | -.033 |
| 1. Because of publication pressure, I cannot confide innovative research proposals to my colleagues.
 | .292 | .402 | .091 |
| 1. **Publication pressure harms science.**
 | .089 | **.829** | -.059 |
| 1. **When working on a publication, I feel supported by my co-authors.**
 | .052 | .208 | **.462** |
| 1. My immediate supervisor understands the problems I encounter when I work on my publications.
 | .152 | .233 | .047 |
| 1. **When I encounter difficulties when working on a publication, I can discuss these with my colleagues.**
 | .105 | .143 | **.386** |
| 1. I get irritated when collaborating with coauthors.
 | .065 | .477 | .198 |
| 1. I get nervous when I discuss my publications with colleagues.
 | .361 | .101 | .338 |
| 1. I can decide how much time I spend on my publications.
 | .349 | .303 | .177 |
| 1. I have the possibility to work on my publications at home if I would like to.
 | .200 | -.082 | .415 |
| 1. **I feel forced to spend time on my publications outside office hours.**
 | **.640** | .063 | .027 |
| 1. **I cannot find sufficient time to work on my publications.**
 | **.739** | .237 | -.154 |
| 1. **I have no peace of mind when working on my publications.**
 | **.589** | .175 | .224 |
| 1. **I have freedom to decide about the topics of my publications.**
 | -.132 | -.110 | **.774** |
| 1. **When working on a publication, many decisions about the content of the paper are outside my control.**
 | -.050 | .048 | **.755** |
| 1. When revising my publications, I can address the comments of the reviewers and editors in the way I would like.
 | -.086 | -.064 | .683 |
| 1. I am not able to control all aspects of publishing papers.
 | -.240 | .223 | .281 |
| 1. I have difficulty finishing my publications in time.
 | .635 | .021 | .062 |
| 1. I feel I should publish more than I do now.
 | .733 | -.219 | .063 |
| 1. **I can combine working on my publications with my other tasks.**
 | **.784** | -.009 | -.118 |
| 1. **At home, I do not feel stressed about my publications.**
 | **.540** | .039 | .239 |
| 1. I am unable to juggle the work on my publications with my other priorities.
 | .644 | .047 | -.037 |
| 1. I feel sufficiently capable to write an academic paper.
 | .042 | -.161 | .600 |
| 1. **I cannot cope with all aspects of publishing my papers.**
 | .282 | -.032 | **.543** |
| 1. **I feel confident in the interaction with co-authors, reviewers, and editors.**
 | .123 | .121 | **.582** |
| 1. I cannot overcome all difficulties of publishing my papers.
 | .141 | .036 | .505 |

\*Rotation method: Oblimin with Kaiser Normalisation. Selected items are printed in **bold**.