|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Somatic distress** | **Gender** | **Age** | **Medical visits** | **Traumatic experiences** | **Intercultural contact stress** | **Homesickness** | **General psychosocial stress** | **Depression** | **Anxiety** | **PTSD** |
| **Somatic distress** | xx |  |  |  |  |  |  |  |  |  |  |
| **Gender1** | -.263\*\* | xx |  |  |  |  |  |  |  |  |  |
| **Age** | .204\* | -.193\* | xx |  |  |  |  |  |  |  |  |
| **Number of medical visits** | .347\*\* | -.225\* | -.009 | xx |  |  |  |  |  |  |  |
| **Traumatic experiences** | .310\*\* | .184\* | .157 | .030 | xx |  |  |  |  |  |  |
| **Intercultural contact stress** | .223\* | .045 | -.137 | .177 | .209\* | xx |  |  |  |  |  |
| **Homesickness** | .294\*\* | -.167 | .154 | .188\* | .351\*\* | .415\*\* | xx |  |  |  |  |
| **General psychosocial stress** | .339\*\* | .002 | -.113 | .173 | .288\*\* | .715\*\* | .557\*\* | xx |  |  |  |
| **Depression** | .703\*\* | -.170 | .007 | .295\*\* | .419\*\* | .375\*\* | .264\*\* | .455\*\* | xx |  |  |
| **Anxiety** | .642\*\* | -.205\* | .049 | .345\*\* | .341\*\* | .307\*\* | .320\*\* | .444\*\* | .702\*\* | xx |  |
| **PTSD** | .288\*\* | -.152 | .195 | .138 | .415\*\* | .249\* | .346\*\* | .309\*\* | .364\*\* | .435\*\* | xx |

**Additional file 1.** Correlation coefficients between somatic distress, sociodemographic, pre and post-migration variables, and common mental disorders (*N* = 116)

\* *p* < .05; \*\* *p* ≤ .001; 1 gender: 0 = female; 1 = male; The following variables were also correlated with somatic distress severity but without significant association: years of education, duration of residence in Germany, future validity of residence permission, German language skills, family in crisis areas, chronic diseases, and perceived discrimination.