Detecting Obsessive Compulsive Personality: The Agreement between Self and Others

Srinithya Nagarajan
nagaraj6@purdue.edu

Follow this and additional works at: https://docs.lib.purdue.edu/purc

Recommended Citation
https://docs.lib.purdue.edu/purc/2019/Posters/24

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
**BACKGROUND**

- The Five Factor Obsessive Compulsive Inventory-Short Form (FFOCI-SF) is a brief measure of maladaptive variants of the Five Factor Model (FFM) personality traits that are linked to obsessive compulsive personality disorder (OCPD), which includes problematic aspects of the personality trait, Conscientiousness(C) such as perfectionism, workaholism, and rigidity.
- The present study provides further validation to FFOCI-SF by investigating the degree of overlap of self-report ratings of FFOCI-SF, and general personality measures as well as ratings from a close friend.

**RESEARCH QUESTIONS**

1. What is the degree of overlap between the Conscientiousness domain of FFOCI-SF and the Conscientiousness domain of other general personality measures?
2. What is the association between FFOCI-SF C and Friendship Quality?

**METHODS**

**Participants:** 302 undergraduate participants and 135 informants completed the web-based survey.

**Materials:** Interpersonal Personality Item Pool (IPIP-NEO), HEXACO Personality Inventory (HEXACO PI-R), Five Factor Model Rating Form (FFMRF), Big Five Inventory (BFI-2), Personality Inventory for DSM-5 (PID-5), Chernyshenko Conscientiousness Scales (CCS), Five Factor Model Obsessive Compulsive Inventory (FFOCI), Computerized Adaptive Test of Personality Disorder (CAT-PD), Ten Item Personality Measure(TIPI).

**Procedure:** Undergraduate participants were recruited through a prescreen assessing the personality trait of conscientiousness(C) completed by roughly 1700 students. We divided participants into 5 bins of equal intervals to maximize the range of C in our sample. Participants from each range filled out the survey and nominated their close friend to serve as informant rater. Informants were presented with measures to rate their close friend. Informants received the opportunity to participate in drawing of gift cards.

**RESULTS**

**Table 1: Pearson Correlations of FFOCI-SF C, BFI-2 C and Other C Measures**

<table>
<thead>
<tr>
<th>Measure</th>
<th>HEXACO C</th>
<th>CCS C</th>
<th>TIPI C</th>
<th>FFMRF C</th>
<th>IPHI C</th>
<th>PID-5</th>
<th>CAT Perfectionism</th>
<th>CAT Workaholism</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFOCI-SF C</td>
<td>0.77</td>
<td>0.74</td>
<td>0.56</td>
<td>0.72</td>
<td>0.68</td>
<td>0.72</td>
<td>0.75</td>
<td>0.65</td>
</tr>
<tr>
<td>BFI-2 C</td>
<td>0.88</td>
<td>0.86</td>
<td>0.77</td>
<td>0.81</td>
<td>0.89</td>
<td>0.62</td>
<td>0.62</td>
<td>0.46</td>
</tr>
</tbody>
</table>

**Table 2: Pearson Correlations of Informant Rated FFOCI-SF C and Other C Measures**

<table>
<thead>
<tr>
<th>Measure</th>
<th>HEXACO C</th>
<th>FFOCI-SF C</th>
<th>CCS C</th>
<th>TIPI C</th>
<th>FFMRF C</th>
<th>IPHI C</th>
<th>PID-5</th>
<th>CAT Perfectionism</th>
<th>CAT Workaholism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Informant Rated FFOCI-SF C</td>
<td>.69</td>
<td>.47</td>
<td>.48</td>
<td>.52</td>
<td>.29</td>
<td>.44</td>
<td>.29</td>
<td>.34</td>
<td>.39</td>
</tr>
</tbody>
</table>

**Graph 1:** Relation between FFOCI-SF Conscientiousness and Friendship Quality, Stimulating

**Graph 2:** Relation between FFOCI-SF Conscientiousness and Friendship Quality, Emotional Security

**Graph 3:** Relation between FFOCI-SF Conscientiousness and Friendship Quality, Validation

**CONCLUSIONS**

- Self report ratings of FFOCI-SF C shows high correlation with C from general personality measures (mdn r = .72) and aspects of OCPD (mdn r = .72).
- Informant ratings of FFOCI-SF C has moderate to high correlations with C of general personality measures (mdn r = .48) rated by informants and self report ratings of maladaptive C (mdn r = .39).
- The ideal level of C for friendship quality is being average in C, as measured by FFOCI-SF. Higher levels of FFOCI-SF C results in lower levels of friendship qualities, stimulating, emotional security and validation.

**Correspondence concerning this poster should be addressed to Srinithya Nagarajan Department of Psychological Sciences, Purdue University. E-mail: nagaraj6@purdue.edu**