



Partnership longevity and personality congruence in couples

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ABSTRACT

Evidence of assortative mating according to personality was reported in a previous SOEP-based study (Rammstedt & Schupp, 2008). Based on population representative data of almost 7000 couples, high levels of congruence between spouses were found, which increased with marriage duration. Almost 5000 of these couples were tracked over a five-year period with personality assessed at the beginning and end of this time, which allowed us to investigate the relationship between personality congruence and marriage duration longitudinally. Using this data, we investigated (a) whether personality congruence is predictive for partnership longevity and whether congruence therefore differs between subsequently stable and unstable couples, (b) if stable couples become more congruent, and (c) if separated couples become less congruent with regard to their personality over time. The results provide initial evidence of personality congruence as a predictor for partnership longevity: the more congruent couples are in the personality domain of Openness, the more stable their partnership. In addition, we found no indications of an increase in personality congruence over time within the stable couples; within the separated couples, however, a strong decrease in congruence was detectable.

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1. Introduction

Birds of a feather flock together—this folk saying also seems to hold for personality. Assortative mating for personality was demonstrated in a previous study (Rammstedt & Schupp, 2008) based on population-representative data of almost 7000 couples, as well as in several other studies based on somewhat smaller and/or more selective samples (e.g., Bleske-Rechek, Remiker, & Baker, 2009; Gonzaga, Carter, & Buckwalter, 2010; McCrae et al., 2008). However, assortative mating is not found to the same degree for all personality dimensions. In the aforementioned study by Rammstedt and Schupp, assortment was reported primarily for the Big Five domains Agreeableness, Conscientiousness, and Openness to Experiences, while for the remaining two domains Extraversion and Neuroticism, congruences were more or less non-existent.

In addition, Rammstedt and Schupp found that for the three domains Agreeableness, Conscientiousness, and Openness, congruence increased with marriage duration. There are two possible interpretations for this increase. On the one hand, it could be assumed that personality congruence is a major factor in the quality of a marriage. Lack of congruence might lead to increased friction and therefore end in separation or divorce. The finding that con-

gruence is higher in long-term partnerships might therefore be moderated by the fact that incongruent partnerships ended earlier, resulting in a lower proportion of incongruent partnerships among the long-term couples in the sample. Consequently, we hypothesize personality congruence to be predictive for partnership longevity and assume congruence to be higher in couples who turn out to be stable than in couples separating in the years thereafter (Hypothesis 1). On the other hand, it could be argued that long-term couples become more similar in their personalities over time. For example, for someone less open to experience than his or her partner, joining this partner in cultural activities might make him or her more interested and thus more open. We could therefore assume a personality change towards higher congruence over time in stable couples (Hypothesis 2).

However, neither of the two alternative hypotheses is supported by data from previous studies. Gonzaga, Carter, and Buckwalter (2010), using data from an online relationship service, and Caspi, Herbener, and Ozer (1992), using data from the 20-year Kelly Longitudinal Study of couples, found no evidence that couples' resemblance increased over time. In their study based on 51 student couples, Bleske-Rechek et al. (2009) found that intact couples did not differ less in their major personality dimensions than separated couples, thus contradicting our first assumption. As this study is based on a comparatively small and highly selective sample of young adults for whom partnerships and their duration presumably play a different role in their lives than for older

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Table 1
Sociodemographic characteristics (in 2005) of the stable and separated couples.

	Stable couples (N = 4,610)		Separated couples (N = 199)	
	M	SD	M	SD
Age (male spouse)	51.9	13.7	44.4	14.2
Age (female spouse)	49.2	13.6	39.3	13.4
No. of children (male spouse)	.62	.95	.68	.95
No. of children (female spouse)	.62	.95	.81	1.02
ISCED-1997 (male spouse)	3.9	1.6	3.8	1.6
ISCED-1997 (female spouse)	3.6	1.5	3.5	1.5
ISEI (male spouse)	30.5	28.1	34.3	24.8
ISEI (female spouse)	23.2	26.7	27.7	26.9
No. of children (male spouse)	.65	.97	.68	.95
No. of children (female spouse)	.66	.97	.81	1.02
Marriage duration	24.2	14.6	14.0	10.0

Note: ISCED = International Classification of Educational Degrees. ISEI = International Socio-Economic Index of Occupational Status (ranging between 16 = low and 90 = high; Ganzeboom, De Graaf, & Treiman, 1992); source: SOEP V27.

respondents, this finding requires further investigation based on a less selective sample.

In addition to these two hypotheses, it might also be assumed that personality changes in couples who split up. A recent longitudinal study (Specht, Egloff, & Schmukle, 2011) showed that separation from a partner and divorce have different impacts on personality. Individuals who separated from their partner became more agreeable; divorced individuals became more conscientious and men became more open after separation from their female partners. Specht et al. (2011), however, investigated these effects only on the individual level, not on the level of couples. If, however, both ex-partners become more agreeable and/or more conscientious to a similar extent, this would not affect the congruence between their personalities. Thus, the study by Specht et al. can be regarded as providing initial evidence of personality change after separation and/or divorce. Whether this change also affects the personality congruence of the (ex-)couples has not been investigated to our knowledge. The supportive results for personality change after major life events, however, let us assume that personality congruence of couples should decrease after separation (Hypothesis 3)

In sum, the present study aims to investigate (a) whether personality congruence is predictive for partnership longevity and whether congruence therefore differs between couples who turn out to be stable versus unstable. In addition, we aim to test, (b) whether stable couples become more congruent over time and (c) whether separated couples become less congruent over time. To test these questions, we analyzed data of 4809 couples who were surveyed over a period of 5 years.

2. Method

2.1. Participants

Analyses are based on data from the German Socio-Economic Panel Study (SOEP). The SOEP is a nationally representative longitudinal annual panel study of private households and individuals. In total, the SOEP data currently span 27 years, 1984–2010, with a participant base of roughly 22,000 persons, including residents of former West and East Germany, immigrants, and resident foreigners (Wagner, Frick, & Schupp, 2007). For the present study, data from the survey years 2005 to 2010 were analyzed. Household members were only included if they lived with their heterosexual partner in 2005 and data on the partner were also available for each wave. The present sample consisted of 4809 couples. The age of the male respondents (as assessed in 2005) varied between 19 and 95 years with a mean of $M = 52$ ($SD = 14$) years. The age of the female respondents ranged from 18 to 89 years with a mean of $M = 41$ ($SD = 11$) years. A total of 4308 couples were married to

each other. Of the 4809 couples, 4610 remained stable until 2010 and 199 separated within the 6 years of the survey period. Sociodemographic characteristics of these two subsamples are given in Table 1.

2.2. Measures

2.2.1. Big Five

The Big Five personality dimensions were measured twice in the SOEP, first in 2005 and then again in 2009, using a short-scale measure of the Big Five Inventory (BFI; John, Donahue, & Kentle, 1991; German Adaptation Lang, Lüdtke, & Asendorpf, 2001; Rammstedt, 1997). Each Big Five domain is assessed by three items which were to be answered on a seven-point scale ranging from “does not apply” to “does apply”. Factor analyses clearly replicated the Big Five factors (Dehne & Schupp, 2007; Lang et al., 2011). Scale scores were computed on the basis of the highest loadings of the items and their classification according to the Big Five. Coefficient Alpha values (averaged across both administrations) of the resulting Big Five scales Extraversion, Agreeableness, Conscientiousness, Emotional Stability, and Openness were .65, .50, .61, .61, and .62. As the three items per dimensions were selected to cover a maximum bandwidth of each underlying dimension and thus with regard to their heterogeneity and not to their homogeneity, Coefficients Alpha – representing the item homogeneity – of the found magnitude were expectable. Retest stability for the five scales across a 6-week interval indicate sufficient stability with all coefficients exceeding .75 (Lang, 2005).

2.2.2. Separation from the partner

In each annual wave (2006–2010) participants were asked to indicate whether they separated from their partner within the last year. On the basis of these self-reports by both partners, a couple were regarded as “separated” if both spouses independently reported a separation in any of the years 2006–2010.

3. Results

A previous SOEP-based study (Rammstedt & Schupp, 2008) had demonstrated personality congruence between spouses. In order to investigate to what extent a subsequent separation is associated with a lack of congruence in personality (Hypothesis 1), we compared levels of congruence for the Big Five dimensions in 2005 separately for couples who remained stable and for those who separated afterwards.¹ As our two subsamples varied with regard

¹ In the full sample stereotype congruence between males and females is .00 for each Big Five dimension. Controlling for stereotype congruence would therefore not affect the congruence between the spouses.

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