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### Brief report

# Short forms of the Utrecht-Management of Identity Commitments Scale (U-MICS) with the domains of job, romantic relationship, and region



Elisabeth Schubach <sup>a, \*</sup>, Julia Zimmermann <sup>b, a</sup>, Peter Noack <sup>a</sup>, Franz J. Neyer <sup>a</sup>

#### ARTICLE INFO

# Article history: Received 16 June 2016 Received in revised form 7 November 2016 Accepted 21 November 2016 Available online 6 December 2016

Keywords:
Regional identity development
Identity
Three-dimensional model
U-MICS
Short form
German validation
Young adulthood

#### ABSTRACT

The U-MICS is a self-report questionnaire designed to assess the identity dimensions from a domain-specific perspective. The present study reports on the development of a short-form version for the domains of job and romantic relationship in young adults from Germany and extends this scale to include the domain of region ( $n_{Sample1} = 95$ , 84% female, mean age 22.45 years;  $n_{Sample2} = 1,795$ , 71% female, mean age 24.53 years). We found the short form to possess adequate psychometric properties and to demonstrate a factor structure congruent to the long-form version. Regarding validity, the small correlations across domains within dimensions support a domain-specific approach to identity. The associations between the different identity domains with personality traits are similar, indicating a consistent pattern of convergent validity for all domains. We conclude that "region" provides a valuable complement to the established domains that can all be reliably assessed with the U-MICS-Short Form.

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Based on the work of Erikson (1968) and Marcia (1966), Meeus and Crocetti (Crocetti, Rubini, & Meeus, 2008) introduced the three-dimensional model for identity development. This three-dimensional model stresses the continuous necessity to maintain and revise one's identity throughout the lifespan and focuses on the three identity dimensions of commitment, in-depth exploration, and reconsideration of commitment. *Commitment* is defined as a firm decision among several possible alternatives, *in-depth exploration* signifies dealing with one's current commitments, and *reconsideration* represents contrasting one's current commitments with possible alternatives (Crocetti et al., 2008).

As identity development shows strong variations across domains, these identity dimensions are domain-specific; with romantic relationship and job being considered classical identity domains (Luyckx, Seiffge-Krenke, Schwartz, Crocetti, & Klimstra, 2014). These identity domains reflect distinct developmental tasks driven by societal expectations for young adults (Heckhausen & Krueger, 1993). Over the past few decades, however, residential mobility—i.e., changing one's place of residence—has become a ubiquitous phenomenon in Western societies (Oishi, 2010). It was recently postulated that therefore one's everyday living environment (i.e., region) represents a new key domain of identity (Schubach, Zimmermann, Noack, & Neyer, 2016).

<sup>&</sup>lt;sup>a</sup> Friedrich-Schiller-Universität Jena, Germany

<sup>&</sup>lt;sup>b</sup> FernUniversität in Hagen, Germany

<sup>\*</sup> Corresponding author. Friedrich-Schiller-Universität Jena, Department of Psychology, Humboldtstr. 11, D-07743, Jena, Germany. E-mail address: elisabeth.schubach@uni-jena.de (E. Schubach).

#### 1. The present studies

We aimed (a) to develop a short version of the U-MICS (Crocetti et al., 2008) for the domains of job and romantic relationship in young adulthood and (b) to extend the current three-dimensional identity model to include the domain of region. To do this, we first reduced the number of items based on empirical item analysis and expert judgment (*item selection*), then assessed the properties and reliability of the short form (*psychometric properties*). Lastly, we explored factorial validity, domain specificity, and convergent validity (*validity*).

We expected domain specificity to be indicated by small correlations across domains within dimensions (i.e., correlations between the domains of job, romantic relationship, and region within a single dimension such as commitment). We also expected that, for all domains, a more established identity (as indicated by higher levels of commitment and in-depth exploration, and lower levels of reconsideration) would correlate with personality traits associated with maturity (i.e., higher levels of conscientiousness, agreeableness, and emotional stability), thus pointing to convergent validity.

#### 2. Method

#### 2.1. Participants and procedure

#### 2.1.1. Study 1

Sample 1 (N = 95) was made up of undergraduate psychology students (84% female, mean age 22.45 years, SD = 2.95 years) from Germany. Data were collected using paper-and-pencil questionnaires. Sample 1 was used to select items and to compare the psychometric properties of the short and long version of the questionnaire.

#### 2.1.2. Study 2

Sample 2 (N=1,795) consisted of post-secondary graduates (71% female, mean age 24.53 years, SD=2.50 years) who were part of another large German study (Zimmermann et al., 2016). Assessments took place two months before graduation (Time 1; T1;  $n_{T1}=1,635$ ; i.e., 76% of the initially 2,146 participants registered for study participation) and four months after graduation (Time 2; T2;  $n_{T2}=1,451$ ; i.e., 68% of the initially 2,146 participants). Data were collected using online questionnaires (cf. Arslan, 2013). Sample 2 was used to assess the psychometric properties of the short version and to investigate validity.

#### 2.2. Measures

#### 2.2.1. Identity dimensions

For Study 1, the U-MICS (Crocetti et al., 2008) was translated from English to German by a bilingual psychologist. The original measure used 13 items to assess each domain of *job* and *romantic relationship* (commitment: five items, in-depth exploration: five items, reconsideration: three items). We used this measure to develop additional items to assess the domain of region; five items were used to assess commitment, five items for in-depth exploration, and three items for reconsideration. Sample items for the domain of region include "Living in this place of residence/this region gives me certainty in life" (commitment), "I think a lot about my place of residence/the region I live in" (in-depth exploration), and "I often think that another place of residence/region would make life more interesting for me" (reconsideration). All items were rated on a 5-point scale ranging from 1 (*completely untrue*) to 5 (*completely true*).

In Study 2, participants completed the short version of the U-MICS developed in Study 1. For each domain, we assessed each dimension using three items (three items  $\times$  three dimensions  $\times$  three domains), resulting in 27 items in total. The items were rated on a 5-point scale ranging from 1 (*completely true*) to 5 (*completely untrue*). All scales were recoded before further analyses were carried out, such that higher scores reflect higher levels of commitment, in-depth exploration, and reconsideration.

#### 2.2.2. Big Five personality traits

In Study 2, we assessed the personality traits using the BFI-S (Gerlitz & Schupp, 2005). Openness was assessed using four items, while all of the other four traits were assessed using only three items each. All items were rated on a 7-point scale ranging from 1 (does not apply to me at all) to 7 (applies to me perfectly). Coefficient alpha (T1) was .64 (openness), .64 (conscientiousness), .81 (extraversion), .56 (agreeableness), and .74 (neuroticism).

#### 2.2.3. Life satisfaction

In Study 2, we measured life satisfaction using a single question ("All things considered, how satisfied are you with your life as a whole?", Wagner, Frick, & Schupp, 2007). Participants indicated their life satisfaction on an 11-point scale ranging from 0 (completely dissatisfied) to 10 (completely satisfied).

<sup>&</sup>lt;sup>1</sup> The domain of romantic relationship was only assessed for participants who reported being in romantic relationships.

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