



Research report

Extending a structural model of somatization to South Koreans: Cultural values, somatization tendency, and the presentation of depressive symptoms



Xiaolu Zhou^{a,*}, Seongho Min^b, Jiahong Sun^c, Se Joo Kim^d, Joung-sook Ahn^b, Yunshi Peng^e, Samuel Noh^f, Andrew G. Ryder^{g,**}

^a Department of Management, Education College, Shanghai Normal University, 100 Guilin Rd., Shanghai 200234, China

^b Yonsei University Wonju School of Medicine, Republic of Korea

^c Concordia University, Canada

^d Yonsei University College of Medicine, Republic of Korea

^e Hunan Normal University, China

^f Centre for Addiction and Mental Health and University of Toronto, Canada

^g Concordia University and Jewish General Hospital, Canada

ARTICLE INFO

Article history:

Received 11 January 2015

Accepted 15 January 2015

Available online 29 January 2015

Keywords:

Culture

Depression

Somatization

Korea

ABSTRACT

Background: Somatization refers to the tendency to emphasize somatic symptoms when experiencing a psychiatric disturbance. This tendency has been widely reported in patients from East Asian cultural contexts suffering from depression. Recent research in two Chinese samples have demonstrated that the local cultural script for depression, involving two aspects—the experience and expression of distress (EED) and conceptualization and communication of distress (CCD)—can be evoked to help explain somatization. Given the beliefs and practices broadly shared across Chinese and South Korean cultural contexts, the current study seeks to replicate this explanatory model in South Koreans.

Methods: Our sample included 209 psychiatric outpatients from Seoul and Wonju, South Korea. Self-report questionnaires were used to assess somatization tendency, adherence to traditional values, and psychological and somatic symptoms of depression.

Results: Results from SEM showed that the EED and CCD factors of somatization tendency were differently associated with cultural values and somatic symptoms, replicating our previous findings in Chinese outpatients.

Limitations: The reliance on a brief self-report measure of somatization tendency, not originally designed to assess separate EED and CCD factors, highlights the need for measurement tools for the assessment of cultural scripts in cross-cultural depression research.

Conclusions: The replication of the Chinese structural model of somatization in South Korea lends empirical support to the view that somatization can be understood as the consequence of specific cultural scripts. These scripts involve the experience and expression of distress as well as culturally meaningful ways in which this distress is conceptualized and communicated to others.

© 2015 Elsevier B.V. All rights reserved.

Abbreviations: CCD, conceptualization and communication of distress; EED, experience and expression of distress; SEM, structural equation modeling

* Corresponding author at: Department of Management, Education College, Shanghai Normal University, 100 Guilin Rd., Shanghai 200234, China. Tel.: +86 21 64324192; fax: +86 21 64322450.

** Corresponding author at: Department of Psychology (PY139-3), Concordia University, 7141 Sherbrooke St. W., Montréal, Québec H4B 1R6, Canada. Tel.: +1 514 848 2424x5379; fax: +1 514 848 4523.

E-mail addresses: zhouxiaolu@shnu.edu.cn (X. Zhou), andrew.ryder@concordia.ca (A.G. Ryder).

<http://dx.doi.org/10.1016/j.jad.2015.01.040>

0165-0327/© 2015 Elsevier B.V. All rights reserved.

1. Introduction

Somatization refers to the tendency to emphasize somatic symptoms when experiencing a psychological disorder (Kirmayer and Robbins, 1991). Somatic symptoms are often reported in the context of depression across cultural contexts (Simon et al., 1999). However, patients from some cultural backgrounds are more likely to report bodily disturbances than others (Parker et al., 2001; Ryder et al., 2008). Given the prominence of somatic symptoms in depression, we contend that a fine-tuned understanding of somatization will not only benefit the diagnosis but also the treatment of depression in clinical practice.

Kleinman (1982, 1986), in his pioneering work in China, found that Chinese psychiatric patients strongly emphasized somatic symptoms of depression. This observation has since been empirically supported in several cross-cultural studies (Parker et al., 2001; Ryder et al., 2008; Zhou et al., 2011; Dere et al., 2013) comparing Chinese and 'Western' participants. Ryder and Chentsova-Dutton (2012) proposed that cultural scripts for distress and normative assumptions about symptoms and syndromes in a given cultural context might help shape the experience and expression of depression. They further argued that the emphasis on somatic symptoms could be understood as the consequence of a specific local cultural script of depression. This script is thought to involve at least two aspects: one involving the experience and expression of distress (EED); and one involving the conceptualization and communication of distress (CCD).

In a recent study of Chinese university students and depressed Chinese outpatients Zhou et al. (in press) confirmed that an established measure of somatization tendency is divisible into two correlated factors corresponding to these two aspects. Moreover, they found that these factors are differentially associated with levels of somatic symptom reporting and traditional values: EED was primarily associated with somatic symptom reporting and CCD was primarily associated with endorsement of traditional Chinese values.

Although the literature on culture and somatization has emphasized the Chinese case, research in recent years has turned to other East Asian cultural contexts. A number of studies focusing on Korean immigrant communities in the U.S. have demonstrated that somatic symptoms are frequently reported among migrants from South Korea (Keyes and Ryff, 2003; Kim, 2002; Kim et al., 1999; Pang, 1998, 2000; Park and Bernstein, 2008; Yoo and Skovhot, 2001). Furthermore, somatization is an important part of a depression-like culture-bound syndrome, Hwa-Byung (Lin et al., 1992; Suh, 2013). Hwa-Byung, literally meaning anger syndrome, is a chronic psychosomatic condition where long-standing but incomplete suppression of negative affects are manifested through physical disturbances, such as insomnia, fatigue, heart palpitations, and so on (Park et al., 2001). Given the frequent and common experiences of somatic symptoms in depression and Hwa-Byung, some South Koreans use these terms interchangeably (Pang, 1998). As in China, the South Korean cultural script for depression may similarly involve more somatic responses to psychosocial stressors (i.e., EED) and a somatic emphasis in the conceptualization of distress and the communication of this distress to others (i.e., CCD).

What are the cultural bases for EED and CCD? The EED aspect of somatization may find its roots in traditional Chinese medicine, which shapes beliefs about the body and mind in China and other East Asian societies. In traditional Chinese medicine, experiences of emotions and organ functioning are closely connected and mutually influential. For example, experiencing negative affect or depression is associated with dysfunction of the liver and kidney (Kim and Rhi, 1976). Extreme psychosocial stress can elevate the seriousness of physical disturbances, fostering a sense that one's body is in danger—as in local expressions such as, “my blood will dry up” (Pang, 1998).

The CCD aspect of somatization, on the other hand, emphasizes cultural values and help-seeking behavior. In hierarchical societies, people from lower socioeconomic strata tend to suppress negative affect in order to maintain a harmonious environment in the family or society (Kim, 1973). Reporting physical discomfort, therefore, may present a better way of communicating negative feelings and distress than to directly express one's displeasure (Pang, 1998). In addition, discussing somatic instead of psychological distress may be a more culturally appropriate way to seek help. For example, South Koreans showed more passive attitudes toward help-seeking from mental health professionals compared to Americans (Yoo, 2001; Park et al.,

2013). In fact, South Koreans who suffer from mental health problems will often resort to physician's consultation, herbal medicine, healthy foods, prescription drugs, and so on, for relief (Kim, 1999).

Our brief overview of the literature suggests that at least two related yet distinctive processes of EED and CCD might help to explain somatization tendency in East Asians. These hypotheses, however, await sustained empirical validation. Therefore, the goal of the current study is to replicate and extend the structural model of somatization, validated in Chinese (Zhou et al., in press), to South Koreans. We hypothesized: (1) that the EED and CCD aspects of somatization would be positively correlated; (2) that EED would be associated with somatic symptom reporting, even when controlling for psychological symptom reporting (i.e., the EED findings are specific to somatic symptoms); and (3) that CCD would be associated with traditional values.

2. Methods

2.1. Participants

Psychiatric outpatients were recruited from two sites in South Korea: the psychological clinic of Yonsei University Severance Hospital, located in the metropolitan area of Seoul; and the psychological clinic of Yonsei Wonju College of Medicine, located in Wonju. The study was conducted in accordance with the Helsinki Declaration, 1989 revision.

Potential participants were included in the final analysis if they: (a) had no history of psychosis, mania, or neurocognitive deficits; (b) were between the ages of 18 and 65; (c) had no missing data on self-report measures; and (d) had at least one of the core symptoms of depression or neurasthenia (i.e., depressed mood, anhedonia, or persistent fatigue) during a semi-structured clinical interview (details of the interview procedure can be found in Ryder et al., 2008; information obtained from the interview was used to screen participants in the current study). Potential participants consented to participate in the current study and were aware that their participation was completely voluntary.

The final sample comprised 65 men and 144 women, with a mean age of 34 years (range=19–65, SD=13), including 97 outpatients from Seoul and 112 outpatients from Wonju. Concerning participants' treatment status: 89% were currently taking psychiatric medication; 85% had taken psychiatric medication in the past; 7% were taking one or more herbal remedies; and 10% had taken herbal remedies in the past.

2.2. Questionnaires

2.2.1. CPAI-Somatization (CPAI-SOM)

The somatization subscale of the Chinese Personality Assessment Inventory (CPAI-SOM; Cheung et al., 1996) is a 15-item measure assessing beliefs and practices of somatization when one is distressed. Although the subscale was originally developed to capture a unidimensional construct of somatization, two sub-components (i.e., EED and CCD) have been identified in Chinese participants (Zhou et al., in press). Note that in recent years, the Chinese Personality Assessment Inventory has been reconceptualized as the Cross-Cultural Personality Assessment Inventory (Cheung et al., 2013), and has been validated in a Korean sample (Chon and Cho, 2004).

2.2.2. CPAI-Modernization (CPAI-MOD)

The Modernization subscale of the Chinese Personality Assessment Inventory (CPAI-MOD; Cheung et al., 1996) is a 15-item measure of modern vs. traditional values in a number of domains, including family relationships, materialism, hierarchical order, rituals, and

Download English Version:

<https://daneshyari.com/en/article/4185961>

Download Persian Version:

<https://daneshyari.com/article/4185961>

[Daneshyari.com](https://daneshyari.com)