

Initial validation of work-family conflict scale: A study on Indian women journalist

Divya Keerthika B¹

Abstract: *The motivation behind this study was to create and approve a scale that catches each of the six one of a kind dimensions of Work-family conflict in Tamil Nadu viewpoint. To do this, scale improvement methods which are portrayed in the psychometric writing were taken after. Numerous researchers recognise items by course between work interface with family (WIF) and family interface with work (FIW) in their scales. A couple of researchers isolated the bearing of conflict in their scales. This study additionally expects to discover six element model of work-family conflict is better than different models. Totally 200 women journalist for printed media has been selected as a sample. This study concludes that six factor model for work-family conflict scale can be used as a reliable instrument to measure work-family conflict in the Indian context.*

Keywords: Work interface with family, Family interface with work, Work-family conflict, women journalist

Introduction

Work-family conflict is a wellspring of stress that numerous people understanding. Work-family conflict has been characterised as a type of entomb part conflict in which the part weights from the work and family spaces are commonly inconsistent in some regard (Greenhaus & Parasuraman, 1987). Look into on work-family conflict has observed that this variable impacts various results including mental trouble, work fulfilment, association responsibility, turnover, and life fulfilment. In this manner, the work-family conflict has turned into a tremendously explored theme in today's hierarchical behaviour investigate [Wayne et al., 2004; Ford et al., 2007; Burke, 1988].

Researchers have measured work-family conflict from various perspectives. Customarily, analysts have measured work-family conflict unidirectionally. That is, they concentrated the conflict that happened when work interfered with family Burke, (1988). All the more as of late scientists have started to perceive the duality of work-family conflict by considering both bearings: work obstruction with family and family impedance with work. To completely comprehend the work-family interface, both bearings of work-family conflict must be considered [Frone & Rice, 1987; Parasuraman et al., 1989].

Researchers additionally have started to consider the unique types of work-family conflict. Steady with specialist definition, three kinds of work– family conflict have been distinguished in writing: behaviour based conflict, strain-based conflict and time-based conflict [Stephens & Sommer, 1993; Duxbury et al., 1992]. Behavior-based conflict happens when

¹ Assistant professor, Auxilium college, Department of Business Administration, Vellore, India.

Corresponding author: Divya Keerthika B can be contacted at: bdivyakeerthika@gmail.com
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appropriate behaviours required in one part are inconsistent with behavioural desire in another part, strain-based conflict recommends that strain experienced in one part meddles into and meddles with investment in another part and time-based conflict may happen when time gave to one part makes it hard to take an interest in another part [Beutell & Wittig-Berman, 1999; Frone et al., 1997; Byron, 2005].

While there is some assertion regarding the structures and headings of work-family conflict, specialists utilise a wide assortment of scales to quantify it. As of late, Netemeyer et al. (1996) built and approved a 10 item measure that included items for both headings of work-family conflict (Carlson & Kacmar, 2000). Be that as it may, the creators did not consider each of the three of the types of work-family conflict. With respect to quantifying they expressed it is not as valuable as scales that utilisation a multidimensional way to deal with the estimation of family work conflict and work-family conflict Burley, (1989). Another scale as of late created included items from each of the three types of work-family conflict. Be that as it may, it considers these structures from just a single heading. Subsequently, these creators recognise that "further review is important to enough gauge family to work conflict [Ernst Kossek & Ozeki, 1998; Carlson & Kacmar, 2000; Byron, 2005].

In a current meta-examination of work-family conflict, the creators recommended that distinctions in research results were frequently because of contrast in measures [Bacharach et al., 1991; Aryee, 1992]. They contend that scientists ought to take a stab at more remarkable consistency and build improvement of measures and that the measures expected to recognise all the more plainly amongst nature and bearing of conflict [Thomas & Ganster, 1995; Higgins et al., 1992]. Thus, there still remains a requirement for a work-family conflict measure that consolidates each of the six dimensions of work-family conflict [Grandey & Cropanzano, 1999; Eagle et al., 1997; Kopelman et al., 1983].

Objectives of the Study

The motivation behind this review was to create and approve a scale that catches each of the six one of a kind dimensions of Work-family conflict in Tamilnadu viewpoint. To do this, scale improvement methods which are portrayed in the psychometric writing were taken after [Kopelman et al., 1983; Eagle et al., 1997]. Taking all things together, three reviews were directed to create and at first approve the last scale. Our objective was to create a far-reaching, yet adaptable, measure of work-family conflict that can be utilised to propel comprehension of this mind-boggling phenomenon [Thompson et al., 1999; Allen et al., 2000].

Numerous researchers recognise items by course between work interface with family (WIF) and family interface with work (FIW) in their scales. A couple of researchers isolated the bearing of conflict in their scales [Frone et al., 1992; Byron, 2005; Wayne et al., 2004; Ford et al., 2007]. Researchers recognise the types of conflict (behaviour, strain and time) in their scales even less regularly. Not very many reviews did researchers recognise the types of conflict? Further, just a single of the scales inspected included behaviour based conflict presented by Greenhaus and Beutell (1985). Many measures do make some sort of qualification whether it is by frame or bearing in measuring work-family conflict [Higgins et al., 1992; Aryee, 1992; Bacharach et al., 1991]. At long last and maybe in particular, of the considerable number of scales inspected, none included items that speak to every one of the six of the dimensions of work-family conflict (Burley, 1989). This study additionally expects to discover six element model of work-family conflict is better than different models.

Methods

A sum of 18 no repetitive items was created from existing measures in writing Carlson et al., (2000). A respondent was made a request to decide how much each of the work-family conflict items spoke to a work-family conflict definition. The six work-family conflict dimensions already talked about were utilised. The exploration will incorporate women journalist from printed media like newspaper and magazine in chose locale like of south Tamilnadu. The focused on a sample of falls into the age gathering of 20 to 50 years. Information will be gathered by conveying questionnaire by hand to those Journalist. Journalists evaluated how much they felt that they encountered the conflict spoke to in each of the items. Reactions were made on a Likert scale with the stays being 1 to 5. Totally 200 women journalist are randomly selected for the study.

Results

A construct is reliable if it provides essentially the same set of scores for a group of subjects with repeated testing. Validity, on the other hand, refers to the extent to which an instrument measures what it is intended to measure. There are a number of different ways that reliability and validity can be examined. In the present study, the composite reliability, variance extracted estimates, convergent validity, and discriminant validity were examined (Anderson & Gerbing, 1988).

Table 1: CFA Loadings for Six-Factor Model of Work-Family Conflict

Items	Constructs	Standardized	S.E.	t value	p-value
TimeWIF1	TimeWIF	0.917	0.04	12.87	0.001**
TimeWIF3		0.819	0.05	10.97	0.001**
TimeWIF2		0.736	0.06	9.50	0.001**
BehaviorFIW1	BehaviorFIW	0.835	0.04	11.48	0.001**
BehaviorFIW2		0.852	0.06	11.84	0.001**
BehaviorFIW3		0.822	0.06	11.22	0.001**
BehaviorWIF2	BehaviorWIF	0.827	0.06	11.17	0.001**
BehaviorWIF1		0.809	0.07	10.82	0.001**
BehaviorWIF3		0.835	0.06	11.33	0.001**
TimeFIW2	TimeFIW	0.801	0.06	10.47	0.001**
TimeFIW3		0.764	0.07	9.80	0.001**
TimeFIW1		0.792	0.07	10.30	0.001**
StrainFIW2	StrainFIW	0.818	0.07	11.05	0.001**
StrainFIW1		0.798	0.06	10.65	0.001**
StrainFIW3		0.808	0.06	10.86	0.001**
StrainWIF2	StrainWIF	0.777	0.06	10.17	0.001**
StrainWIF1		0.804	0.06	10.65	0.001**
StrainWIF3		0.860	0.05	11.73	0.001**

** p < 0.001

Convergent validity is demonstrated when different instruments are used to measure the same construct, and scores from these various instruments are strongly correlated (Campbell & Fiske, 1959). The convergent validity can be assessed by reviewing the t-tests for the factor loadings (greater than twice their standard error) (Anderson & Gerbing, 1988). The t-tests for each indicator loading are shown in Table 1. The results indicate that the construct demonstrated a high convergent validity since all t-values are significant at the .01 level.

Composite reliability is analogous to the Cronbach (1951) coefficient alpha for measuring the reliability of a multiple-item scale. Composite reliability reflects the internal consistency of the indicators measuring a given factor (Fornell & Larcker, 1981). The composite reliability values for each work-family conflict dimension are shown in Table 2. As shown, the composite reliability score for each dimension is relatively high (> .70). All values exceed the recommended value of .70 Nunnally, (1978).

Variance extracted estimates, as discussed by Fornell and Larcker (1981), “assess the amount of variance that is captured by an underlying factor in relation to the amount of variance due to measurement error”. Fornell and Larcker (1981) suggested that it is desirable that the construct exhibit estimates of .50 or larger. The variance extracted estimates for each dimension of work-family conflict are also shown in Table 2.

Figure 1: Measurement Model for Six-Factor Model of Work-Family Conflict

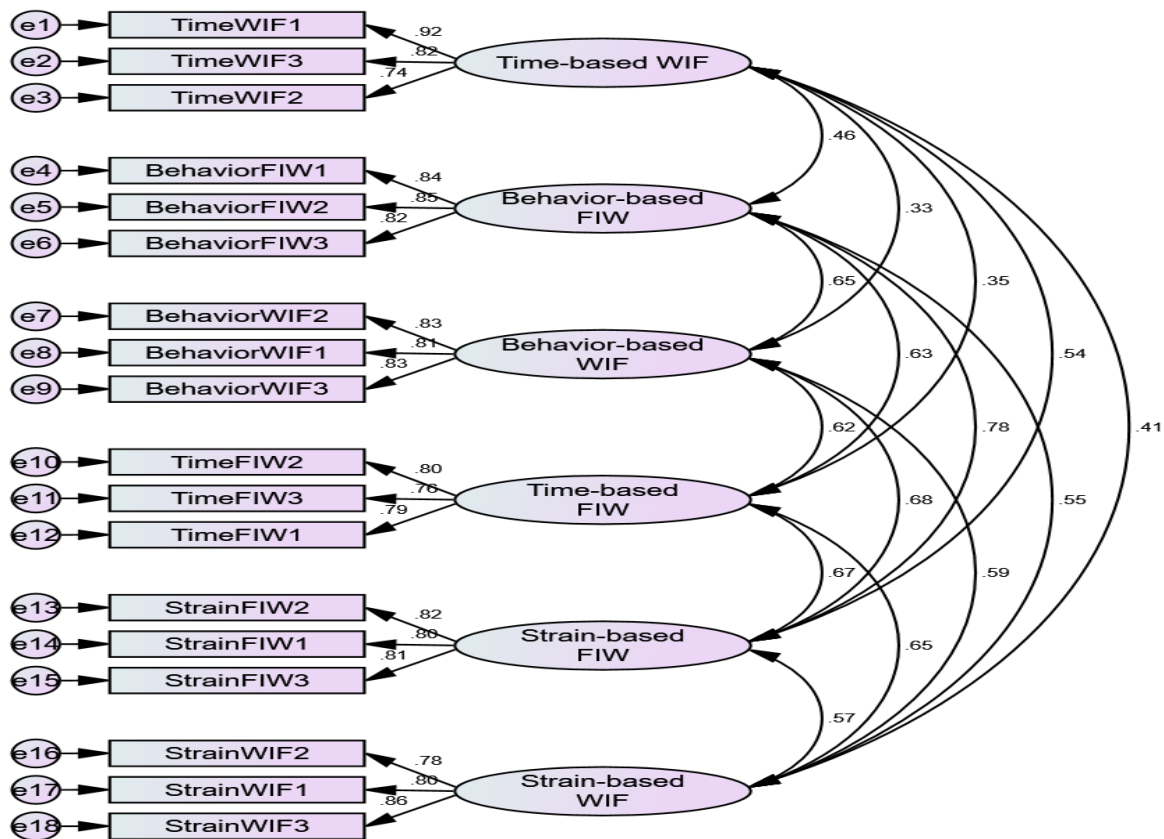


Table 2: Model Validity Measure for Six Factor Model of Work Family Conflict

Construct	CR	AVE	MSV	MaxR(H)	1	2	3	4	5	6
TimeWIF	0.866	0.685	0.288	0.895	0.827					
BehaviorFIW	0.875	0.700	0.616	0.876	0.457	0.837				
BehaviorWIF	0.863	0.678	0.469	0.864	0.326	0.654	0.823			
TimeFIW	0.829	0.618	0.454	0.830	0.354	0.625	0.616	0.786		
StrainFIW	0.849	0.653	0.616	0.850	0.537	0.785	0.685	0.674	0.808	
StrainWIF	0.855	0.663	0.420	0.861	0.406	0.547	0.589	0.648	0.569	0.814

** p < 0.001

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Discriminant validity is inferred when measures of each construct converge on their respective true scores, which are unique from the scores of other constructs (Churchill, 1979). Discriminant validity is demonstrated if both variance extracted estimates are greater than this squared correlation. The results of the variance extracted tests of work-family conflict construct are shown in Table 2. Again, discriminant validity is supported by each squared correlation is less than both applicable variances extracted estimates.

Table 3: Model Fit Measures

Model	CMIN	df	CMIN/df	GFI	CFI	SRMR	RMSEA	P close
Six factor model	216.172	120	1.801	0.895	0.948	0.055	0.063	0.054
Three factor model	703.666	132	5.331	0.679	0.692	0.157	0.148	0.000
Two factor model	756.653	134	5.647	0.685	0.664	0.112	0.153	0.000
One factor model	818.073	135	6.06	0.675	0.632	0.114	0.159	0.000

Present study used the following indices to assess the fit of the model to the data: the chi-square (χ^2) statistic and the related degrees of freedom (df), the comparative fit index (CFI), the root mean square error of approximation (RMSEA), SRMR (<0.08) and P close (>0.05). In general, χ^2 /df value 2-5 and CFI, and GFI values >0.95 indicate an acceptable fit (Brown, 2006). Further, RMSEA \leq 0.08 indicate a reasonable fit to the data, whereas values \leq .05 indicate excellent fit (Hooper et al., 2008). Traditionally, the chi-square test is used to compare nested models, but this statistic is sensitive to sample size (Hu & Bentler, 1999; Bentler, 1990). Table 3 shows that the proposed six-factor model fit the data better than the alternative two, three and one-factor model and six-factor model shows strong model fit value compared with the one-factor model. It concludes that six factor model for work-family conflict scale can be used as a reliable instrument to measure work-family conflict in the Indian context.

Conclusion

The present research developed and at first approved an exhaustive scale of work-family conflict that consolidated the numerous dimensions of the build. The things making the scale are a mix of stuff from past work. Each of the scales in the six-dimensional model indicated discriminant legitimacy, internal consistency crosswise over examples. Different scales exist that measure work-family conflict, and some have even been subjected to considerable approval endeavours. Be that as it may, none of the current scales gives an approach to quantify each of the six dimensions of conflict Carlson et al., (2000). The scale created in the present review conquers both impediments of past scale improvement endeavours, and answers require a measure that considers the significance of both natures and heading off conflict. The multidimensional measure of the idea of work-family conflict created in the present review is a more accurate portrayal of the build as it permits each of the six dimensions to be analysed (Greenhaus & Beutell, 1985). Future utilisation of this scale ought to give a more noteworthy comprehension with respect to how the different work-family conflict dimensions identify with states of mind and behaviours of intrigue.

The examination performed to develop and approve this scale has a few qualities. The following scale has been subjected to thorough improvement and approval methods. The scale incorporates each of the six measurements of work-family conflict, some of which have been lost in past measures. At last, the scale measures the greater part of the dimensions of work-family conflict utilising just 18 items. Extra approval of the scale crosswise over associations and occupations is expected to additionally set up the scale and give generalizability. While the flow

looks into included common factors found in the work-family conflict writing, it is helpful to analyse differential forecasts with other precursors and results (Netemeyer et al., 1996; Allen et al., 2000).

Finally, additionally, research is required on the one of a kind forerunners and results for each of the dimensions of work-family conflict measured by this scale. While an unusual arrangement is thought about work-family conflict, all in all, almost no is thought about the quality of the connections of the six dimensions of work-family conflict with different factors. Does each particularly clarify several results? Does each have one of a kind indicators? Besides, unique inquiries should be gotten some information about the bearings of work-family conflict [Ford et al., 2007; Burke, 1988]. Most research recommends that work interfered family conflict is more prominent than family interfered work conflict. Notwithstanding, little is thought about when the types of work-family conflict are joined with the headings. That is, are all kinds of conflict more noteworthy from work interfered family heading than from the family interfered work course? These inquiries and more ask to be replied [Frone et al., 1997; Byron, 2005]. It is trusted that when specialists set out to investigate these issues, later on, the scale created and approved in the present review will be utilised to quantify the mind-boggling nature of the work-family conflict.

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