

Explaining Complex Outcomes Using Qualitative Data: Pairing Qualitative and Configurational Methods To Evaluate Veteran Community Reintegration

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QMLC Seminar March 2022



HSR&D
Health Services Research
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Communication



EXTEND
Expanding Expertise Through E-health Network Development
VA QUALITY ENHANCEMENT RESEARCH INITIATIVE

Acknowledgements

VA Qualitative Methods Learning Collaborative

“All Things Configured” Community of Practice

Staff: Jasma Adams

Funding: Indiana Institute for Medical Research Young Investigator Award, VA RR&D CDA-2 (D2642-W). VA HSR&D Expanding Expertise Through E-health Network Development (EXTEND) Quality Enhancement Research Initiative (QUE 20-010).

No conflicts of interest. This presentation does not represent the views of the US Dept. of Veteran Affairs.

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VA Qualitative Methods Learning Collaborative

Largest group within VA Implementation Research Group (IRG)

Over 400 members

Started August 2020

Directed by Christine Kowalski at Ann Arbor VAMC

Focus: advancing qualitative methods in research and evaluation

All Things Configured

Second-largest group within VA Implementation Research Group (IRG)

Over 125 members

Started in February 2019

Led by Edward Miech at Indianapolis VAMC

Focus: advancing configurational methods in research and evaluation

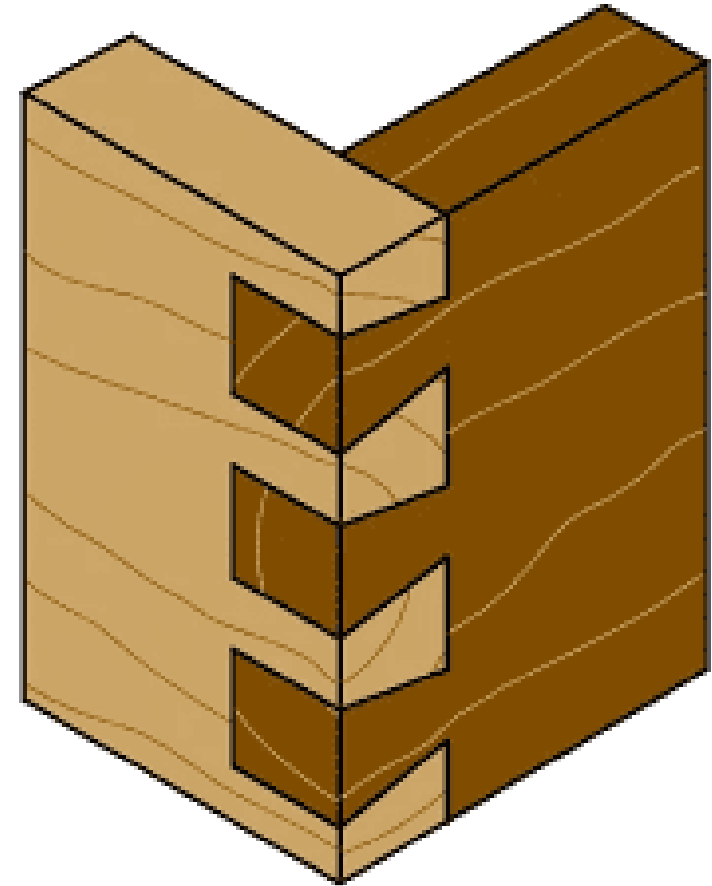
Presentation Goals

Help build connections between QMLC and All Things Configured

Present new option for evaluating complex outcomes with qualitative data

Both groups focus on methods

Qualitative and configurational methods can complement one another



Introduction

Veteran Community Reintegration

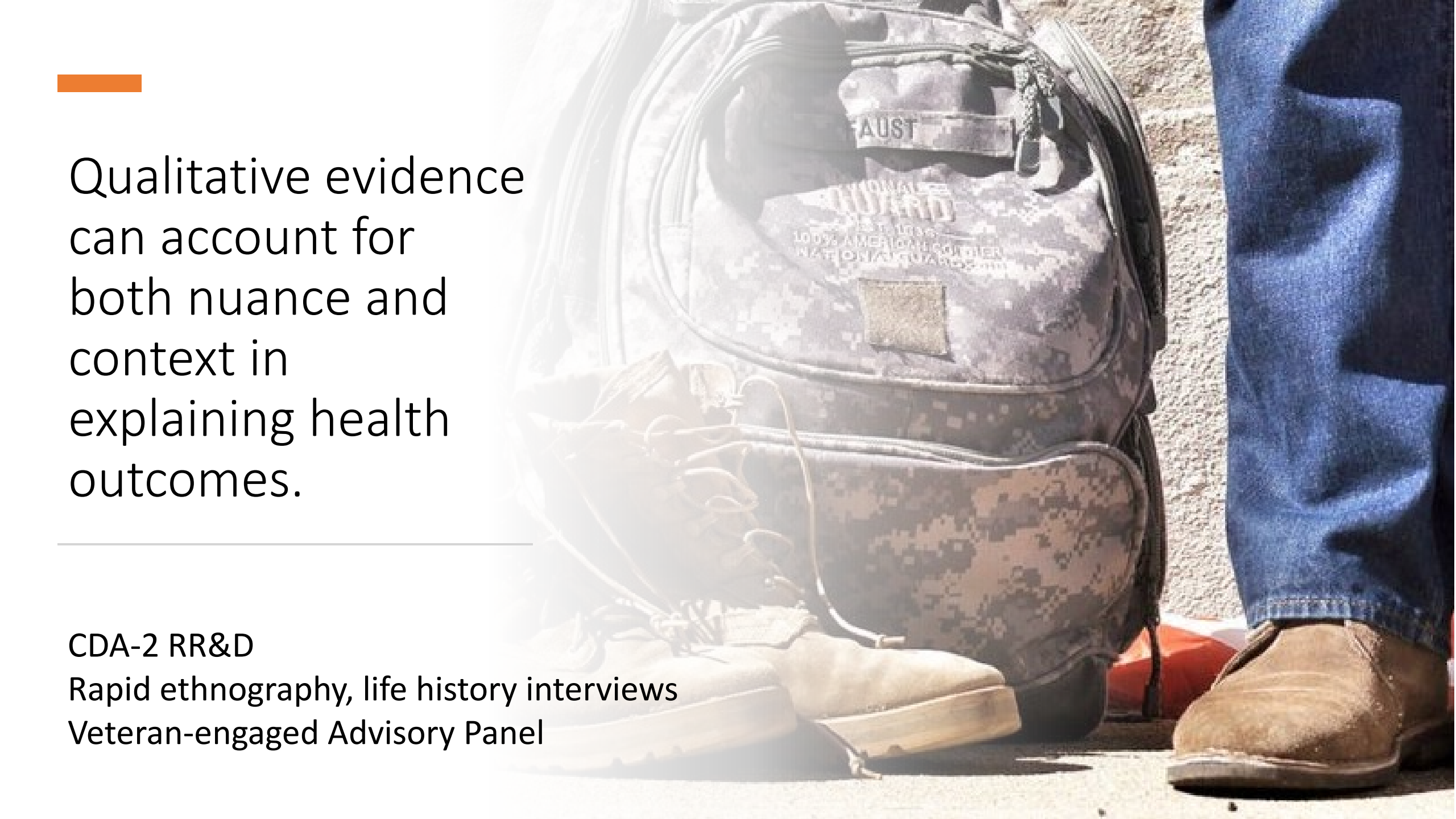
Configurational Methods

Analysis & Findings

Discussion

Qualitative health research does not necessarily require an outcome





Qualitative evidence
can account for
both nuance and
context in
explaining health
outcomes.

CDA-2 RR&D

Rapid ethnography, life history interviews

Veteran-engaged Advisory Panel

Matrix analysis as a complementary analytic strategy in qualitative inquiry

Jennifer Bates Averill ¹

Table 3 Impact/effect of contextual elements on uptake

	Site A	Site B	Site C	Site D	Site E
Evidence	+	0	0	-	0
Teamwork	+	0	+	-	-
Communication	+	0	+	-	-
Leadership	0	+	-	0	-
Cumulative impact on uptake	+	+	0	-	-

Key:

Positive impact/effect on ACCII uptake = +.

Neutral impact/effect on ACCII uptake = 0.

Negative impact/effect on ACCII uptake = -.

The interplay of contextual elements in implementation: an ethnographic case study

Megan B McCullough^{1*}, Ann F Chou², Jeffrey L Solomon¹, Beth Ann Petrakis¹, Bo Kim¹, Angela M Park³, Ashley J Benedict⁴, Alison B Hamilton^{5,6} and Adam J Rose^{1,7}

To explain outcomes in HSR involving qualitative data, matrix displays provide one well-established analytic approach

Identify cross-case patterns linking qualitative conditions with outcomes of interest

But: complex or large datasets present challenges

Configurational analysis has recently emerged as a new analytic option

Allows qualitative researchers to systematically evaluate an entire dataset, large or small, and identify the crucial difference-making conditions

We paired two distinct approaches:

qualitative thematic analysis and configurational analysis

Purpose = explain complex outcome (veteran community reintegration)
using interview data

Configurational analysis identified specific solution pathways to the
outcome

Qualitative thematic analysis provided in-depth, context-sensitive
explanations for elements in model

Introduction

Veteran Community Reintegration

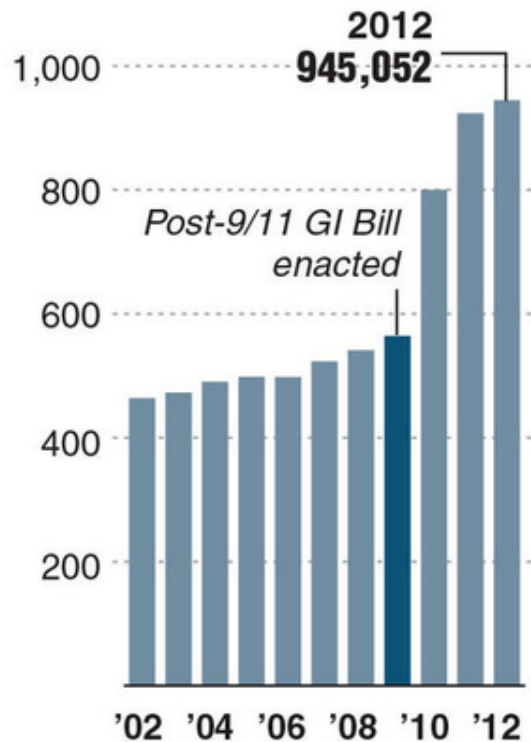
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More using GI Bill for college

The number of veterans eligible for education benefits rose after the enactment of the Post-9/11 GI Bill in 2009; veterans, service members and family members using their benefits by fiscal year, in thousands:



Source: Veterans Benefits Administration

Background

- Increased awareness of “invisible injuries,” a term that calls attention to mental health conditions and traumatic brain injuries (TBI)
- Community reintegration as process and outcome:¹ meaningful participation in social, community, and civic life; work, education, etc.²
- Prior research has focused on supported education³ and education as a pathway for career development and reintegration.⁴

1 Elnitsky et al. 2017, 2 Resnik et al. 2012, 3 Ellison et al., 2012, 4 Dillahunt-Aspillaga & Powell-Cope 2018

Identifying Pathways to Educational Advancement among OEF/OIF/OND Veterans with Mental Health Disorders: A Mixed Methods Study

Sample: 38 post-9/11 Veterans

- Used VA educational benefits within 5 years of study enrollment
- Diagnosed with a mental health condition (PTSD, anxiety, depression, adjustment disorder) or traumatic brain injury.



Data collection

- Semi-structured interviews (30-120 min)
- Questionnaires on demographics, reintegration experiences, educational experiences, and social support

POST 9/11

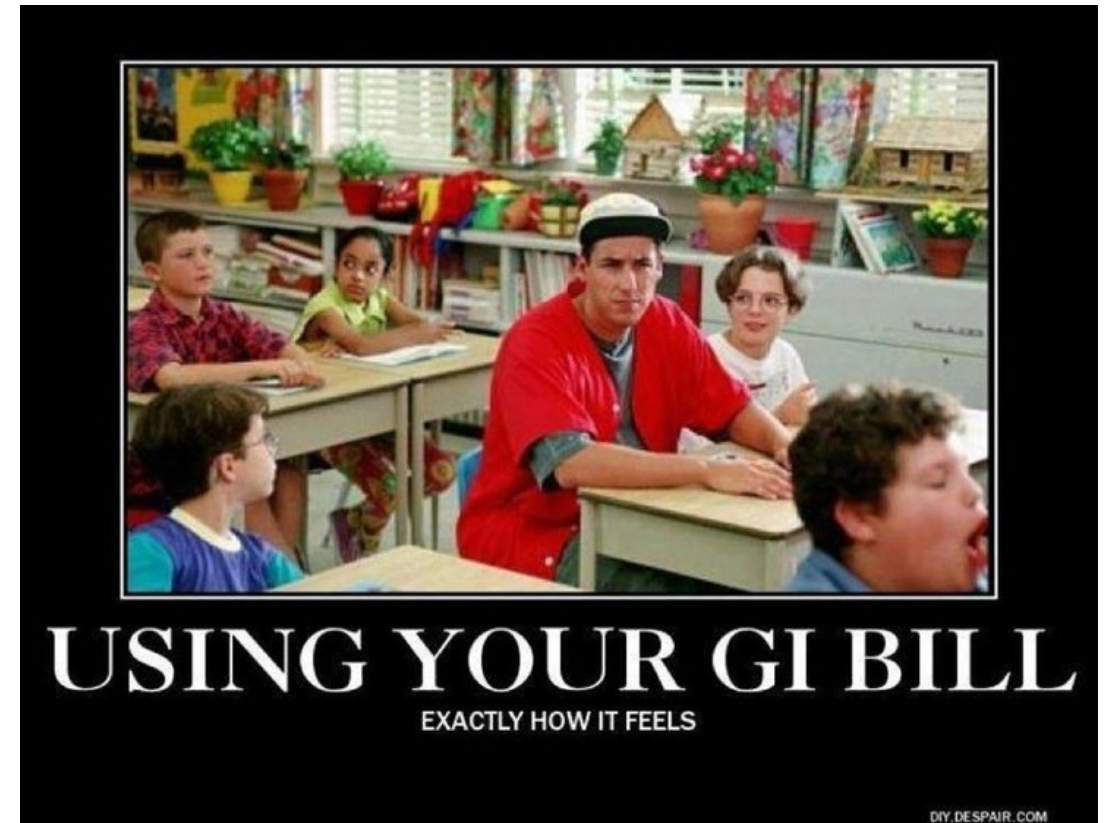


The long and winding road to postsecondary education for U.S. veterans with invisible injuries

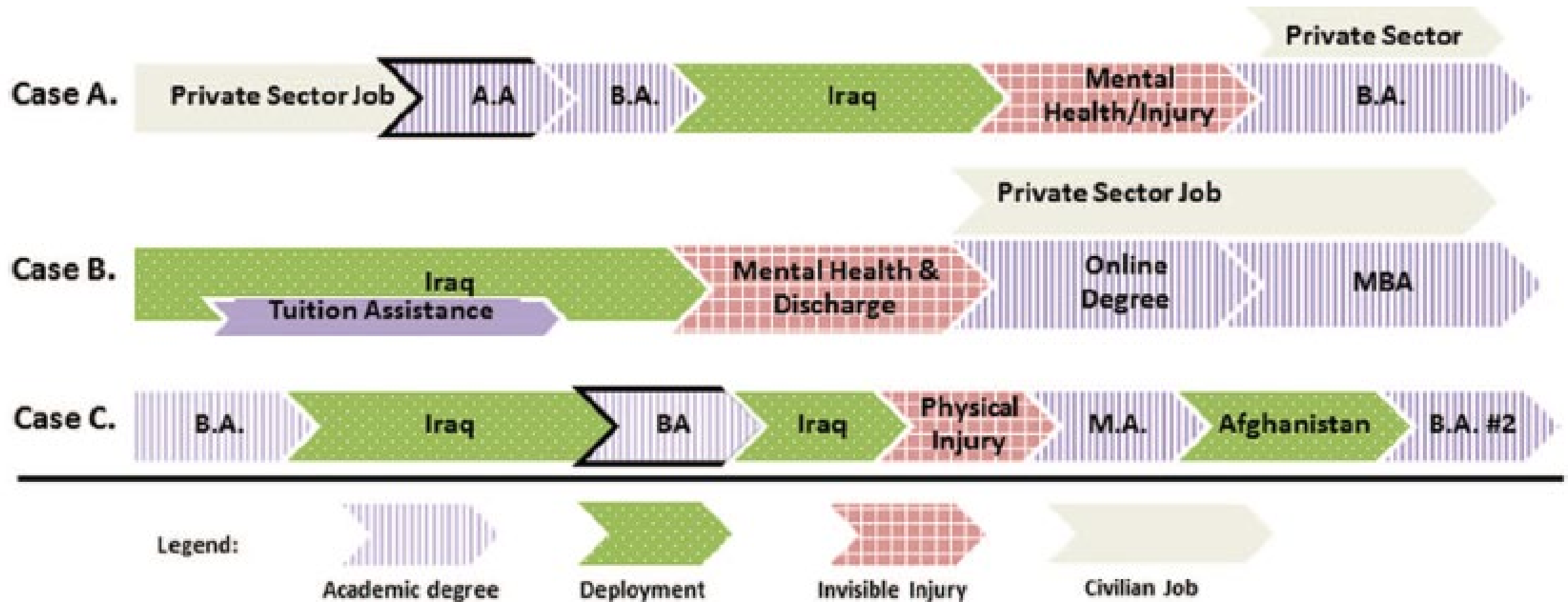
Nicholas A Rattray¹, Gala True², Diana M Natividad¹, Michelle P Salyers³, Richard M Frankel¹, Marina Kukla¹

Key Findings

- Wide variations by branch, gender, type of institution (2 vs. 4 year)
- Early/premature/medical retirement associated with difficulties
- Civilian reintegration issues (sense of belonging) activated by higher education

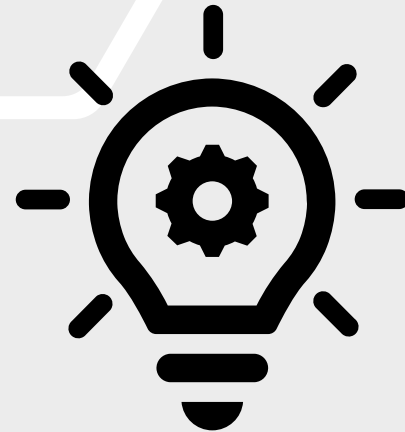


“Misaligned” outcomes (6-year graduation rate)



Present Study

Across the cases, what were the **difference-making conditions** for veterans who reported successful community reintegration?





Modeling Contingency in Veteran Community Reintegration: A Mixed Methods Approach

Journal of Mixed Methods Research
2022, Vol. 0(0) 1–23
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sagepub.com/journals-permissions
DOI: [10.1177/15586898211059616](https://doi.org/10.1177/15586898211059616)
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Nicholas A. Rattray^{1,2,3} , Edward J. Miech^{1,2,3} , Gala True^{4,5},
Diana Natividad¹, Brian Laws¹, Richard M. Frankel^{1,2,3}, and
Marina Kukla^{1,6}

Abstract

Researchers need approaches for analyzing complex phenomena when assessing contingency relationships where specific conditions explain an outcome only when combined with other conditions. Using a mixed methods design, we paired configurational methods and qualitative thematic analysis to model contingency in veteran community reintegration outcomes, identifying combinations of conditions that led to success or lack of success in community reintegration among US military veterans. This pairing allowed for modeling contingency at a detailed level beyond the capabilities of either approach alone. Our analysis revealed multiple contingent

This secondary analysis paired configurational methods and qualitative thematic analysis to model “contingency” in veteran community reintegration outcomes.

The configurational approach identified conditions directly linked to outcomes. We then returned to the cases to “unpack” these solutions in context through in-depth exploration.

Table 1. Characteristics of Study Sample.

Characteristic	Successful Reintegration (<i>n</i> = 18, %)	Lack Successful Reintegration (<i>n</i> = 20, %)	Total (<i>n</i> , %)	
Gender: Female <i>n</i> (%)	1 (5.6)	6 (30)	7 (18)	
Age: Mean (SD)	31.8 (5.4)	35.2 (10.3)	33.6 (8.6)	
Mental health diagnosis <i>n</i> (%) ^a				
• Depressive disorder	5 (27.8)	10 (50.0)	15 (39.5)	
• Mood disorder	1 (5.6)	1 (5.0)	2 (5.2)	
• Adjustment disorder	8 (44.4)	4 (20.0)	12 (31.6)	
• Post-traumatic stress disorder	12 (66.7)	10 (50.0)	22 (58.9)	
• Anxiety disorder	3 (16.7)	7 (35.0)	10 (26.3)	
Diagnosis of traumatic brain injury <i>n</i> (%)	5 (27.8)	3 (15.0)	8 (21.0)	
Combat experience <i>n</i> (%)	15 (83.3)	18 (90.0)	33 (86.8)	
Time since separation by years mean (SD)	4.0 (3.5)	3.7 (3.7)	4.3 (3.5)	
Reintegration outcome (based on analyst rating and M2C-Q score)	High Moderate	5 13	Low Minimal	16 4

^aNote: Totals are greater than 100% because participants had 1–3 mental health diagnoses.

Assigning Scores and Anchor Calibration

Though consensus, assign valence (+ or -) and magnitude (0, 1, or 2) to assign ordinal conditions

Military Transition Assistance (MTA): impact of pre-military discharge transition assistance programs on early transition period



-2

“When I got out I was pissed at the military and anything to do with military. Nothing, it was after all them years and all that work I put into it. It was, “Bye kiss my ass, go away.” And I had and I was angry and I was angry for quite a while.”

+2

“My separation from the military was pretty much easy. I already had a job lined up working with kids so that there I transitioned pretty well into.”

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Health-related research typically involves complex phenomena

Outcomes arise from several conditions working together rather than single variable operating alone

Health-related outcomes likewise tend to be context-dependent

What works for large urban hospitals may systematically differ from what works for small rural hospitals

Configurational analysis

- relatively new approach in health-related research
- explicitly embraces complexity
- allows investigators to identify deep patterns within data
 - + patterns linking conditions with outcomes
 - + patterns that might otherwise go undetected

Configurational approaches

- apply formal logic and Boolean algebra
- along with set theory and systematic observation
- explain complex implementation-related phenomena
- including what works, for whom, under what conditions

Can identify

- when bundles of conditions together yield outcome of interest
- when multiple paths lead to the same outcome

Configurational analysis

- analytic objective = identify necessary and sufficient conditions
- fundamentally different search target than other methods
- employs Boolean rather than linear algebra
- does not require large sample sizes
- often-cited strength = versatility with small-n studies

Configurational analysis

- case-based approach
- retains persistent links to individual cases
- can return to original cases at any time in analysis
- able to contextualize findings with greater depth and nuance
- cases can take on a wide range of values
 - + examples: individuals, groups, departments, facilities or organizations

As part of the larger repertoire of mixed-methods approaches, configurational analysis offers a dynamic and systematic way to account for both complexity and context

Configurational analysis has appeared across a wide variety of health-related contexts in the published literature

Example: 2020 Medical Care study

Implementation researchers applied configurational analysis to identify implementation strategies directly linked to implementation success across a national sample of 80 VA medical centers

	CASE	OUT	Path 1		Path 2		Path 3		Path 4		Path 5			Covered by Solution	
			S24	S34	S45	S22	S61	S56	S71	S18	S47	S70			
Sites with Higher HCV Treatment Starts (N=40)	SITE 21			•	•						•	•	•	•	
	SITE 01		•							•	•			•	
	SITE 68		•											•	
	SITE 24													•	
	SITE 57				•	•						•	•	•	•
	SITE 02				•	•						•	•	•	•
	SITE 16			•											•
	SITE 04														•
	SITE 59											•	•	•	•
	SITE 26			•											•
	SITE 03														•
	SITE 34				•	•									•
	SITE 39											•	•	•	•
	SITE 41														•
	SITE 47				•	•									•
	SITE 72				•	•									•
	SITE 13											•	•	•	•
	SITE 33											•	•	•	•
	SITE 23			•											•
	SITE 45											•	•	•	•
	SITE 27				•	•									•
	SITE 71														•
	SITE 60			•											•
	SITE 40			•											•
	SITE 77			•								•	•	•	•
	SITE 30														•
	SITE 32				•	•						•	•	•	•
	SITE 17														•
	SITE 55			•								•	•	•	•
	SITE 80														•
SITE 10														•	
SITE 79			•								•	•	•	•	
SITE 76											•	•	•	•	
SITE 15			•											•	
SITE 54														•	
SITE 56														•	
SITE 14			•								•	•	•	•	
SITE 44														•	
SITE 63														•	
SITE 78											•	•	•	•	
Sites with Lower HCV Treatment Starts (N=40)	SITE 58														
	SITE 20														
	SITE 67														
	SITE 50														
	SITE 25														
	SITE 12														
	SITE 19														
	SITE 52														
	SITE 64														
	SITE 70														
	SITE 61														
	SITE 49														
	SITE 43														
	SITE 09														
	SITE 75														
	SITE 69														
	SITE 74														
	SITE 11														
	SITE 31														
	SITE 42														
	SITE 08														
	SITE 66														
	SITE 37														
	SITE 22														
	SITE 05														
	SITE 73														
	SITE 46														
	SITE 18														
	SITE 07														
	SITE 51														
SITE 65															
SITE 35															
SITE 36															
SITE 06															
SITE 48															
SITE 62															
SITE 29															
SITE 38															
SITE 28															
SITE 53															

Instead of analyzing each of the 70 implementation strategies separately, Yakovchenko et al. applied configurational analysis and found that just five strategy configurations distinguished higher-performing VA medical centers from lower-performing sites with 100% consistency

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35 veterans in configurational analysis (3 dropped due to missing values)

16 had positive community reintegration outcome

19 did not have positive community reintegration outcome

35 veterans in configurational analysis (3 dropped due to missing values)

16 had positive community reintegration outcome

19 did not have positive community reintegration outcome

Appendix 2. Scored Ordinal Values for Participants

Participant ID	Outcome = Successful Reintegration	Gender	Life Purpose	Military Experience	Social Support	Cultural Adjustment	Military Transition
134	1	1	2	1	1	1	1
158	1	1	2	0	1	MR	-1
146	1	1	2	2	2	-1	-1
102	1	1	2	1	2	-1	-1
135	1	1	2	1	2	0	0
160	1	1	2	1	1	-1	-2
161	1	1	2	1	2	1	-2
169	1	1	2	1	1	2	1
123	1	1	2	-1	-1	-1	-2
156	1	1	2	-2	1	-2	-1
105	1	1	1	1	2	-1	-1
154	1	1	1	0	2	1	2
103	1	1	1	1	-1	1	-2
124	1	1	1	1	1	-2	-1
121	1	1	1	-2	1	1	-1
153	1	1	0	0	-1	MR	-2
101	1	0	-1	1	1	1	-1
133	1	1	-1	1	-1	-1	-1
176	0	1	MR	1	-1	-1	-1
152	0	1	2	1	-1	-1	-1
168	0	1	2	-2	-1	-2	-2
174	0	0	2	1	-2	-2	-2
106	0	1	1	2	2	-2	-2
108	0	1	1	-2	2	-2	-2
144	0	1	1	-2	2	-1	-2
130	0	1	-1	-2	2	-1	-2
170	0	1	-1	-1	1	1	-2
115	0	1	-2	-1	-1	1	-1
132	0	1	-2	-2	-2	2	-2
104	0	0	1	-2	1	-1	-2
165	0	0	1	-2	1	-2	-2
166	0	0	-1	-1	-2	2	-2
143	0	0	-2	1	-2	-1	-1
136	0	1	1	-2	2	-1	-2
111	0	1	-2	-2	0	-2	-2
131	0	1	-2	-2	-1	-2	-2
163	0	1	-2	-2	-2	-2	-2
126	0	0	-2	-2	-2	-2	-2

2 = strong positive 1 = weak positive 0 = neutral impact -1 = weak negative -2 = strong negative MR = minimally referenced (insufficient information to assign a numerical score)

Findings: Positive Model

n=16

3 paths to positive community reintegration

Findings: Positive Model

n=16

3 paths to positive community reintegration

Positive score for SOCIAL SUPPORT *combined with:*

Findings: Positive Model

n=16

3 paths to positive community reintegration

Positive score for SOCIAL SUPPORT *combined with:*

+2 score for LIFE PURPOSE

Path A

Findings: Positive Model

n=16

3 paths to positive community reintegration

Positive score for SOCIAL SUPPORT *combined with:*

Positive score for MILITARY EXPERIENCE

Path B

Findings: Positive Model

n=16

3 paths to positive community reintegration

Positive score for SOCIAL SUPPORT *combined with:*

Positive score for CULTURAL ADJUSTMENT Path C

Findings: Positive Model

n=16

3 paths to positive community reintegration

Positive score for SOCIAL SUPPORT *combined with:*

+2 score for LIFE PURPOSE

Path A

Positive score for MILITARY EXPERIENCE

Path B

Positive score for CULTURAL ADJUSTMENT

Path C

Positive Model for Veteran Community Reintegration

		PATHS		
		A	B	C
	Influence on outcome			
SOCIAL SUPPORT	POSITIVE (+1 or +2)	●	●	●
LIFE PURPOSE	STRONG POSITIVE (+2)	●		
MILITARY EXPERIENCE	POSITIVE (+1 or +2)		●	
CULTURAL ADJUSTMENT	POSITIVE (+1 or +2)			●
Solution Path Consistency		100%	91%	86%
Solution Path Coverage		50%	63%	38%
Cases in Pathway		CASE102 CASE134 CASE135 CASE146 CASE156 CASE160 CASE161 CASE169	CASE 101 CASE 102 CASE 105 CASE 124 CASE134 CASE135 CASE146 CASE160 CASE161 CASE169	CASE101 CASE121 CASE 134 CASE154 CASE161 CASE169
Overall Model	Consistency	87% (13/15)		
	Coverage	81% (13/16)		



Positive Model for Veteran Community Reintegration

CASE_ID	OUTCOME	SOCIAL_SUPP	LIFE_PURPOSE	SOCIAL_SUPP	MILITARY_EXP	SOCIAL_SUPP	CULTURAL_ADJ
134	1	1	2	1	1	1	1
146	1	2	2	2	2	2	-1
102	1	2	2	2	1	2	-1
135	1	2	2	2	1	2	0
160	1	1	2	1	1	1	-1
161	1	2	2	2	1	2	1
169	1	1	2	1	1	1	2
156	1	1	2	1	-2	1	-2
123	1	-1	2	-1	-1	-1	-1
105	1	2	1	2	1	2	-1
103	1	-1	1	-1	1	-1	1
124	1	1	1	1	1	1	-2
121	1	1	1	1	-2	1	1
101	1	1	-1	1	1	1	1
154	1	2	1	2	0	2	1
133	1	-1	-1	-1	1	-1	-1
152	0	-1	2	-1	1	-1	-1
168	0	-1	2	-1	-2	-1	-2
174	0	-2	2	-2	1	-2	-2
106	0	2	1	2	2	2	-2
108	0	2	1	2	-2	2	-2
144	0	2	1	2	-2	2	-1
130	0	2	-1	2	-2	2	-1
170	0	1	-1	1	-1	1	1
115	0	-1	-2	-1	-1	-1	1
166	0	-2	-2	-2	-2	-2	2
104	0	1	1	1	-2	1	-1
165	0	1	1	1	-2	1	-2
132	0	-2	-2	-2	-2	-2	2
143	0	-2	-2	-2	1	-2	-1
136	0	2	1	2	-2	2	-1
111	0	0	-2	0	-2	0	-2
131	0	-1	-2	-1	-2	-1	-2
163	0	-2	-2	-2	-2	-2	-2
126	0	-2	-2	-2	-2	-2	-2

SOCIAL SUPPORT: +1 or +2

combined with

LIFE PURPOSE: +2

MILITARY EXPERIENCE: +1 or +2

CULTURAL ADJUSTMENT: +1 or +2

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

-

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

-2 score for MILITARY TRANSITION *combined with* -2 score for MILITARY EXPERIENCE

Path D

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

-2 score for MILITARY TRANSITION *combined with* -2 score for CULTURAL ADJUSTMENT Path E

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

-2 score for SOCIAL SUPPORT

Path F

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

-

-2 score for LIFE PURPOSE

Path G

Findings: Negative Model

n=19

4 paths to NOT having positive community reintegration

- 2 score for MILITARY TRANSITION *combined with* -2 score for MILITARY EXPERIENCE Path D
- 2 score for MILITARY TRANSITION *combined with* -2 score for CULTURAL ADJUSTMENT Path E
- 2 score for SOCIAL SUPPORT Path F
- 2 score for LIFE PURPOSE Path G

Negative Outcome

		PATHS			
		D	E	F	G
SOCIAL SUPPORT	influence on outcome STRONG NEGATIVE (-2)			●	
LIFE PURPOSE	STRONG NEGATIVE (-2)				●
MILITARY EXPERIENCE	STRONG NEGATIVE (-2)	●			
MILITARY TRANSITION	STRONG NEGATIVE (-2)	●	●		
CULTURAL ADJUSTMENT	STRONG NEGATIVE (-2)		●		
Solution Path Consistency		100%	100%	100%	100%
Solution Path Coverage		63%	47%	32%	37%
Cases in Pathway		CASE104 CASE108 CASE111 CASE126 CASE130 CASE131 CASE132 CASE136 CASE144 CASE163 CASE165 CASE168	CASE106 CASE108 CASE111 CASE126 CASE131 CASE163 CASE165 CASE168 CASE174	CASE126 CASE132 CASE143 CASE163 CASE166 CASE174	CASE111 CASE115 CASE126 CASE131 CASE132 CASE143 CASE163
Overall Model		Consistency			
		100% (17/17)			
		Coverage			
		89% (17/19)			



Negative Model for Veteran Community Reintegration

MIL_EXP -2 and MIL_TRANS -2

CULT_ADJ -2 and MIL_TRAN -2

SOCIAL_SUPPORT -2

LIFE_PURPOSE -2

CASE_ID	OUTCOME	MILITARY_EXP	MIL_TRANS	CULTURAL_ADJ	MIL_TRANS	SOCIAL_SUPP	LIFE_PURPOSE
168	0	-2	-2	-2	-2	-1	2
108	0	-2	-2	-2	-2	2	1
165	0	-2	-2	-2	-2	1	1
111	0	-2	-2	-2	-2	0	-2
131	0	-2	-2	-2	-2	-1	-2
163	0	-2	-2	-2	-2	-2	-2
126	0	-2	-2	-2	-2	-2	-2
144	0	-2	-2	-1	-2	2	1
130	0	-2	-2	-1	-2	2	-1
104	0	-2	-2	-1	-2	1	1
136	0	-2	-2	-1	-2	2	1
132	0	-2	-2	2	-2	-2	-2
170	0	-1	-2	1	-2	1	-1
166	0	-1	-2	2	-2	-2	-1
115	0	-1	-1	1	-1	-1	-2
174	0	1	-2	-2	-2	-2	2
143	0	1	-1	-1	-1	-2	-2
106	0	2	-2	-2	-2	2	1
152	0	1	-1	-1	-1	-1	2
156	1	-2	-1	-2	-1	1	2
121	1	-2	-1	1	-1	1	1
123	1	-1	-2	-1	-2	-1	2
154	1	0	2	1	2	2	1
160	1	1	-2	-1	-2	1	2
161	1	1	-2	1	-2	2	2
103	1	1	-2	1	-2	-1	1
124	1	1	-1	-2	-1	1	1
102	1	1	-1	-1	-1	2	2
105	1	1	-1	-1	-1	2	1
133	1	1	-1	-1	-1	-1	-1
101	1	1	-1	1	-1	1	-1
135	1	1	0	0	0	2	2
134	1	1	1	1	1	1	2
169	1	1	1	2	1	1	2
146	1	2	-1	-1	-1	2	2

POSITIVE MODEL

SOCIAL SUPPORT: +1 or +2

combined with

- LIFE PURPOSE: +2
- MILITARY EXPERIENCE: +1 or +2
- CULTURAL ADJUST: +1 or +2

NEGATIVE MODEL

MILITARY EXPERIENCE -2 *and* MIL_TRANSITION -2

CULT_ADJUST -2 *and* MIL_TRANSITION -2

SOCIAL SUPPORT -2

LIFE PURPOSE -2

Returning to the Cases

Negative Model for Veteran Community Reintegration

2 cases not covered by negative model

CASE_ID	OUTCOME	MILITARY_EXP	MIL_TRANS	CULTURAL_ADJ	MIL_TRANS	SOCIAL_SUPP	LIFE_PURPOSE
168	0	-2	-2	-2	-2	-1	2
108	0	-2	-2	-2	-2	2	1
165	0	-2	-2	-2	-2	1	1
111	0	-2	-2	-2	-2	0	-2
131	0	-2	-2	-2	-2	-1	-2
163	0	-2	-2	-2	-2	-2	-2
126	0	-2	-2	-2	-2	-2	-2
144	0	-2	-2	-1	-2	2	1
130	0	-2	-2	-1	-2	2	-1
104	0	-2	-2	-1	-2	1	1
136	0	-2	-2	-1	-2	2	1
132	0	-2	-2	2	-2	-2	-2
170	0	-1	-2	1	-2	1	-1
166	0	-1	-2	2	-2	-2	-1
115	0	-1	-1	1	-1	-1	-2
174	0	1	-2	-2	-2	-2	2
143	0	1	-1	-1	-1	-2	-2
106	0	2	-2	-2	-2	2	1
152	0	1	-1	-1	-1	-1	2
156	1	-2	-1	-2	-1	1	2
121	1	-2	-1	1	-1	1	1
123	1	-1	-2	-1	-2	-1	2
154	1	0	2	1	2	2	1
160	1	1	-2	-1	-2	1	2
161	1	1	-2	1	-2	2	2
103	1	1	-2	1	-2	-1	1
124	1	1	-1	-2	-1	1	1
102	1	1	-1	-1	-1	2	2
105	1	1	-1	-1	-1	2	1
133	1	1	-1	-1	-1	-1	-1
101	1	1	-1	1	-1	1	-1
135	1	1	0	0	0	2	2
134	1	1	1	1	1	1	2
169	1	1	1	2	1	1	2
146	1	2	-1	-1	-1	2	2

Returning to the Cases: Case 152

P152 Strong Purpose, Lacking Adjustment and Support

LIF	SOS	MTA	MIL	CUL
+2	-1	-1	+1	-1

Combat veteran, 100% disability rating. 2 combat deployments.

Little social support and takes care of daughter as wife is in military.

“Towards the end of [my service], I’d done every not so savory job that the military tasked me to do and everything else but the one thing that I asked them to do for me was to move me where my wife was stationed. And the response that I received from my Sergeant Major was, “You’re either deploying with us or you’re not reenlisting.” so, I informed him that I would see him as a civilian (hit) and I exited the military.”

This veteran struggled with how civilians reacted to him because he doesn’t “sugarcoat” anything. Yet he sees himself as being a better person than when he entered the military. Has a firm sense of his career path and personal mission as a civilian.

Negative Model for Veteran Community Reintegration

2 cases not covered by negative model

CASE_ID	OUTCOME	MILITARY_EXP	MIL_TRANS	CULTURAL_ADJ	MIL_TRANS	SOCIAL_SUPP	LIFE_PURPOSE
168	0	-2	-2	-2	-2	-1	2
108	0	-2	-2	-2	-2	2	1
165	0	-2	-2	-2	-2	1	1
111	0	-2	-2	-2	-2	0	-2
131	0	-2	-2	-2	-2	-1	-2
163	0	-2	-2	-2	-2	-2	-2
126	0	-2	-2	-2	-2	-2	-2
144	0	-2	-2	-1	-2	2	1
130	0	-2	-2	-1	-2	2	-1
104	0	-2	-2	-1	-2	1	1
136	0	-2	-2	-1	-2	2	1
132	0	-2	-2	2	-2	-2	-2
170	0	-1	-2	1	-2	1	-1
166	0	-1	-2	2	-2	-2	-1
115	0	-1	-1	1	-1	-1	-2
174	0	1	-2	-2	-2	-2	2
143	0	1	-1	-1	-1	-2	-2
106	0	2	-2	-2	-2	2	1
152	0	1	-1	-1	-1	-1	2
156	1	-2	-1	-2	-1	1	2
121	1	-2	-1	1	-1	1	1
123	1	-1	-2	-1	-2	-1	2
154	1	0	2	1	2	2	1
160	1	1	-2	-1	-2	1	2
161	1	1	-2	1	-2	2	2
103	1	1	-2	1	-2	-1	1
124	1	1	-1	-2	-1	1	1
102	1	1	-1	-1	-1	2	2
105	1	1	-1	-1	-1	2	1
133	1	1	-1	-1	-1	-1	-1
101	1	1	-1	1	-1	1	-1
135	1	1	0	0	0	2	2
134	1	1	1	1	1	1	2
169	1	1	1	2	1	1	2
146	1	2	-1	-1	-1	2	2

Returning to the Cases: Case 170

LIF	SOS	MTA	MIL	CUL	FIN
-1	+1	-2	-1	+1	-2

Individual Characteristics

- Combat veteran, 100% Disability
- Disclosure issues with disability
- Disability services were not suitable for his needs as a Veteran

Reintegration process required big adjustments

- Feels a lack of recognition for veterans
- Financial issues and caregiver issues
- Gender issues- Going from “Superman” to a civilian

“I feel like it’s just been a short amount of time, and all of my guys feel like that. ... Like that was a pivotal thing in our lives, and all of my guys have been lost since we’ve been back. There are a few that have kind of excelled, but most of us are just treading water. Just trying to figure out what’s next, and I don’t know what that’s going to be, but it needs to get here because I’m tired of waiting.”

Introduction

Veteran Community Reintegration

Configurational Methods

Analysis & Findings

Discussion

Discussion



“Life purpose” not explicitly included in interview guide yet emerged in paired approach as key factor related to community reintegration

Findings from paired approach complemented earlier qualitative analysis

Qualitative and numerical data directly integrated and cross-referenced

Data merging analytics:

- 🗨️ Qualitatively-driven (post-positivist)
- ∞ Iterative normalization of outcomes and ordinal scoring
- ↔ Bidirectional approach between cases & solutions

Questions & Comments

To get more information and/or join the
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Thank you!