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Hadley, Robin , Newby, Chloe, Barry, John A and Hadley, Anthony A (2018) Anxious childhood attachment predicts childlessness in the over 50's. In: British Psychological Society: Male Psychology Conference, 22 June 2018 - 23 June 2018, University College London, London, United Kingdom. (Unpublished)

**Version:** Presentation

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**Additional Information:** This is a poster presentation given at British Psychological Society: Male Psychology Conference 2018

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# Anxious childhood attachment predicts childlessness in the over-50s

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## 1: INTRODUCTION

Being a parent significant status in most societies and is an important marker of success as an adult. However, childlessness has increased substantially in Europe in recent decades (Tanturri et al., 2015). Involuntary childlessness impacts on mental and physical health, wellbeing, intimate and wider relationships, and socio-economically across the life course (Hadley, 2017).

There are three main weakness of previous psychological research into the causes of childlessness:

- 1: The influence of psychological factors in infertility is under studied.
- 2: There is a presumption that infertility impacts psychology and not the impact of psychological functioning on infertility.
- 3: Most studies on infertility and childlessness focus on the psychological consequences for women rather than for men.

This study explored the possibility that demographic and psychological factors can predict whether a person over the age of 50 has children or not.

## 2: METHOD

A cross-sectional online survey of 394 UK adults aged over 50 years and over.

**Sample:** Men: 195 parents: 42 non-parents. Women, 125 parents: 32 non-parents.

**Analysis:** Logical regression analysis.

**Predictors:** 'Childless' (unplanned) or 'childfree' (by choice) compared to being a parent.

**Dependent variable:**

**Parent Status** (divided into three binary outcomes): Parent or Childless; Parent or Childfree; Parent or Other.

**Predictor variables:**

**Demographic:** age, sex, education level marital status.

**Background:** sexuality, ethnicity and life stress.

**Psychological:**

**Health-Related Quality of Life:** The MOS 36-Item Short Form Health Survey (SF-36).

**Mental positivity:** Positive Mindset Index (Barry, et al., 2014).

**Attachment style:**

The Relationship Structures (ECR-RS) questionnaire.

**Anxious Attachment** is described by three items:

- 1: 'I often worry that this person doesn't really care for me.'
- 2: 'I'm afraid that this person may abandon me',
- 3: 'I worry that this person won't care about me as much as I care about him or her.'

Higher scores indicate more problems with attachment.

## 3: RESULTS

**Table 1.** Predictors of being a parent (n=319) compared to being childless (N=23)

Variable	B	OR	95% CI	p
Age	-.101	.904	(0.84-0.97)	.006
Sex	.326	1.386	(0.50-3.87)	.533
Education	-.213	.808	(0.51-1.28)	.366
Marital Status	2.967	19.439	(6.23-60.61)	.0000003
Life Stress	-.002	.998	(1.00-0.99)	.593
HRQoL	.041	1.042	(0.98-1.10)	.167
Mental Positivity	.178	1.195	(0.54-2.67)	.664
Anxious attachment	.572	1.772	(1.09-2.88)	.021
Avoidant attachment	.052	1.053	(0.59-1.88)	.860

Table 1 highlights three main themes:

- 1: Being older increased the odds of being a parent rather than being childless (OR = 0.903 [0.84-0.97], p<.006).
- 2: Anxious attachment style was associated with an increased odds of being childless (OR = 1.772 [1.09-2.88] (p<.021).
- 3: Being married significantly increased the odds of being a parent (OR = 19.439 [6.23-60.61], p<.0000003).

## 4: CONCLUSION

This study is the first to highlight the significance of anxious childhood attachment as a predictive factor of childlessness in later life. Childhood stress impacts physical and mental health and shapes the subsequent physiological response to stress (Gerhardt, 2006). Childhood attachment problems, especially avoidant attachment, predict adult relationship quality and adulthood relationship satisfaction (Barry, Seager & Brown, 2015). Demographic factors influence childlessness (Tanturri et al., 2015). For example, the higher a women's education level and higher the age of first birth. This study found no significant influence of educational level on being a parent or not.

This study demonstrated that anxious attachment predicts childlessness in adulthood: childless people showed more signs of an avoidant attachment style than parents. The results highlighted that the relationship between anxious attachment and childlessness is independent of other demographic and psychological variables.

This cannot be explained by HRQoL or PMI, or the impact of recent life stress. Medical problems associated with fertility were not a significant predictor of childlessness. This may have been an effect of the relatively small sample size.

## Implications:

These findings have theoretical and practical significance in both our understanding of lifespan development and interventions across the lifespan.

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