

# Legalizing same-sex marriages improves subjective well-being (in England and Wales)



*Legalizzare il matrimonio tra persone dello stesso sesso è un passo importante verso la riduzione delle differenze di benessere basate sull'orientamento sessuale. Ad esempio, il benessere soggettivo degli individui nelle coppie dello stesso sesso è aumentato a seguito della legalizzazione in Inghilterra e Galles nel 2014, indipendentemente dal fatto di vivere in coppia o meno. Come sostengono Diederik Boertien e Daniele Vignoli, questo suggerisce che la legalizzazione migliora anche il benessere riducendo lo stigma.*

Sexual minorities have lower subjective well-being as compared to heterosexual individuals (Gonzales & Blewett, 2014). Sources of this well-being gap include social stigma, institutional discrimination, hate crimes and micro-aggressions experienced by sexual minorities. One of the most visible forms of institutional discrimination has been the denial of access to marriage to same-sex couples. Now that same-sex marriage has been legalized in a number of countries, the question arises as to whether well-being disparities have narrowed as a consequence.

How might legalizing same-sex marriage affect the subjective well-being of sexual minority groups? First, marriage is positively related to health, income, wealth, and family satisfaction (Carr and Springer 2010; Pirani and Vignoli 2016; Vespa and Painter 2011). Some of the underlying mechanisms producing these benefits apply

to relationships in general, including emotional support, the pooling of economic resources, and the monitoring of health habits by partners. Other mechanisms are specific to formalized unions, such as less uncertainty regarding the future of the relationship, better social support, and access to institutional benefits.

Second, the psychological well-being and health of sexual minorities is affected by institutional discrimination (Hatzenbuehler et al. 2009). Sexual minorities experience barriers to achieving relationship goals and receive less social recognition of their relationships. Sexual minorities have reported that unequal institutional recognition of their relationships is a source of stress (Frost et al. 2017). Therefore, access to marriage might not only increase the well-being of those who marry, but also reduce any stigma that sexual minorities experience more generally by eliminating a source of institutional discrimination. In the United States, sexual minorities have reported worse self-rated health, more limited health care coverage, and more psychiatric disorders in states where legislation is less favorable to them (Gonzales and Blewett 2014; Hatzenbuehler et al. 2009; Kail et al. 2015).

## **The legalization of same-sex marriage in England and Wales in 2014**

In our latest research (Boertien & Vignoli, 2019) we looked at the subjective well-being of individuals in same-sex couples in England and Wales. In March 2012, the British government announced its plans to legalize marriage for same-sex couples in both countries. The law came into force on March 13, 2014, and the first same-sex marriages were registered on March 29, 2014. Did these legal changes affect the subjective well-being of same-sex couples?

The data for our analysis come from the Annual Population Survey (APS)<sup>1</sup> covering the period April 2011 to September 2016. These data allow us to provide yearly estimates of the subjective well-being of individuals living in same-sex and different-sex couples, either cohabiting or married.

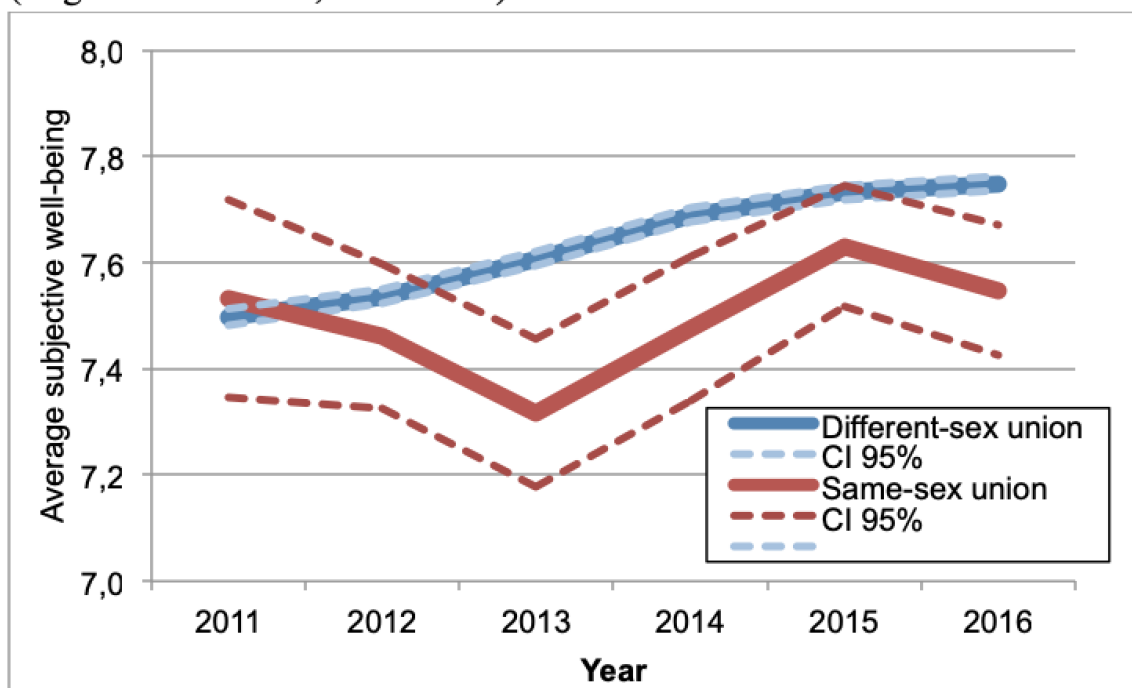
Subjective well-being is measured using four questions. Respondents were asked to use a scale ranging from 0 to 10 to rate the following: (1) how anxious they were yesterday; (2) how happy they felt yesterday; (3) how worthwhile they find things that they do in their life; and (4) how satisfied they are with their life. We combined the answers to these questions into an overall scale of subjective well-

being, ranging between 0 and 10.

## Does legalization matter?

Figure 1 displays how the subjective well-being of individuals in same-sex relationships declined during the period 2011-2013, an issue we discuss later. However, from 2014 onward, the year in which same-sex marriage was legalized, their subjective well-being increased (with a small decline in 2016). The subjective well-being of individuals in different-sex couples improved steadily across the whole observation period. The trends observed hold after accounting for observable differences in composition between groups and across time, including sex, education, age, earnings, region, children, and ethnicity. It is therefore likely that an event occurring in 2014 was responsible for the patterns observed. This event was most probably the legalization of same-sex marriage, as it affected individuals in same-sex couples but not those in different-sex couples.

**Figure. 1** - Individuals' average well-being by sex-composition of the union (England and Wales, 2011-2016)



**Note.:**  $N = 446,141$ . Individuals aged 16 and older in co-residential relationships.  
Source: Boertien & Vignoli (2019); Annual Population Survey 2011–2016.

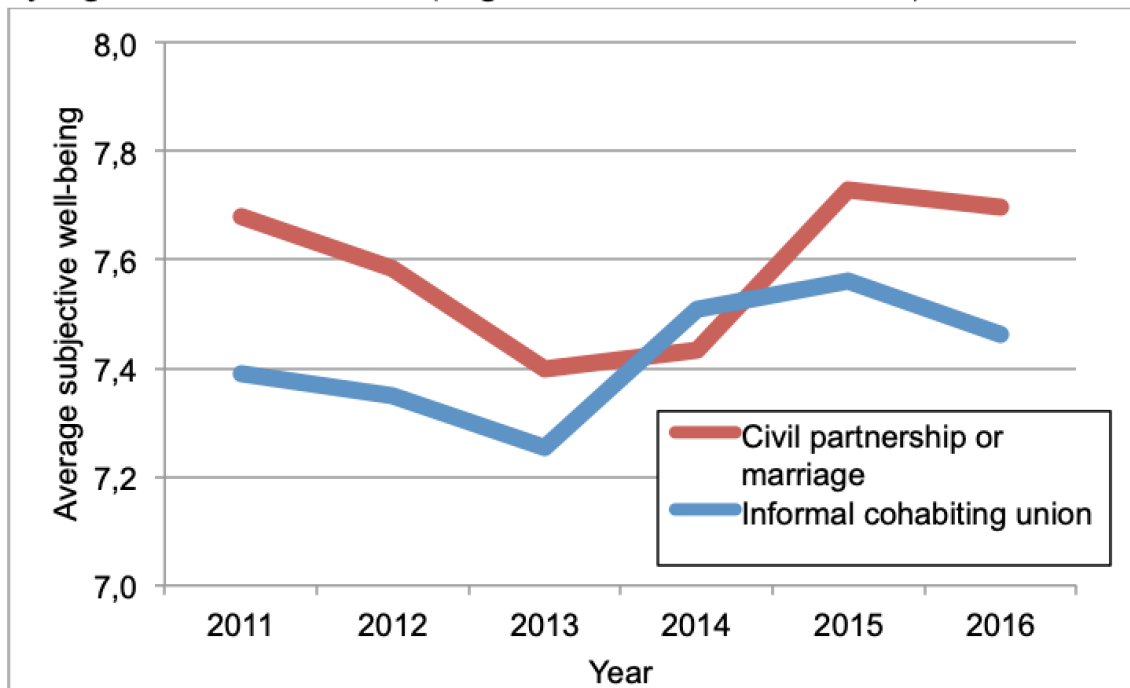
## **Why legalization matters: benefits of marriage and reduced stigma**

How might the legalization of same-sex marriage have affected the well-being of individuals in same-sex couples? We advance two explanations: direct well-being benefits to getting married and decreases in social stigma.

In our analysis we find support for both arguments. After 2014, individuals in same-sex marriages displayed higher subjective well-being than individuals in both informal same-sex cohabiting unions and civil partnerships (a legal option available to same-sex couples since 2004). However, we could not determine whether these differences arose because getting married improved the well-being of these individuals or because individuals with the highest well-being are over-represented among those who marry.

Figure 2 shows how subjective well-being evolved over time among different sub-groups of individuals in same-sex couples. For individuals in same-sex civil partnerships (or marriages after 2014), initial declines in well-being are observed until the year of legalization, after which well-being increased steadily. Subjective well-being among informally cohabiting individuals in same-sex relationships was relatively stable until legalization and subsequently increased significantly, providing support for a generally positive effect of legalizing same-sex marriage on the well-being of individuals in all types of same-sex unions. This figure also shows that the 2011-13 decrease in subjective well-being among individuals in same-sex unions was stronger for those in formally registered cohabiting unions (civil partnerships). These couples were likely more affected by the hostile climate and heated public debate that preceded the new legislation, and may have felt that the legitimacy of their union was being questioned by parts of society. A similar mechanism had already been observed a few years earlier, when same-sex marriage was banned in some parts of the United States (Rostosky et al., 2009).

**Figure 2** - Average subjective well-being of individuals in a same-sex couple by legal status of the union (England and Wales, 2011-2016)



**Note.** N = 3,549; Individuals aged 16 and older in co-residential relationships. Statistical significance of increases in subjective well-being as compared to 2013: *Informal unions*, 2014:  $p = 0.07$ ; 2015:  $p = 0.02$ ; 2016  $p = 0.1$ ; *Formal unions*: 2014:  $p = 0.81$ ; 2015:  $p = 0.01$ ; 2016  $p = 0.04$ .  
**Source:** Boertien & Vignoli (2019); Annual Population Surveys 2011-2016.

## The importance of legalizing same-sex marriage for subjective well-being

Our results show that the time-trend in well-being of individuals in same-sex couples reversed from downward to upward following the legalization of same-sex marriage in England and Wales. That changes were observed regardless of union status provides empirical support for the argument that abolishing institutional discrimination improves the well-being of the individuals involved, both directly and indirectly, by reducing stigma. We conclude that legalizing same-sex marriage is an important step toward closing the well-being gap based on sexual orientation.

### References:

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## **Footnote**

<sup>1</sup>Annual population survey (APS) QMI