

Author Accepted Manuscript

Krys, K., Yeung, J.Ch., Haas, B.W., van Osch, Y., Kosiarczyk, A., Kocimska-Zych, A., Torres, C., Selim, H.A., Zelenski, J.M., Bond, M.H., Park, J., Lun, V.M.-Ch., Maricchiolo, F., Vauclair, Ch.-M., Šolcová, I.P., Sirlopú, D., Xing, C., Vignoles, V.L., van Tilburg, W.A.P., Teyssier, J., Sun, Ch.-R., Serdarevich, U., Schwarz, B., Sargautyte, R., Røysamb, E., Romashov, V., Rizwan, M., Pavlović, Z., Pavlopoulos, V., Okvitawanli, A., Nadi, A., Nader, M., Mustaffa, N.F., Murdock, E., Mosca, O., Mohorić, T., Barrientos Marroquin, P.E., Malyonova, A., Liu, X., Lee, J.H., Kwiatkowska, A., Kronberger, N., Kráčmarová, L.K., Kascakova, N., Işık, İ., Igou, E.R., Igbokwe, D.O., Hanke-Boer, D., Gavreliuc, A., Garðarsdóttir, R.B., Fülöp, M., Gamsakhurdia, V., Esteves, C.S., Domínguez-Espinosa, A., Denoux, P., Charkviani, S., Baltin, A., Arevalo, D., Appoh, |L., Akotia, Ch., Adamovic, M., Uchida, Y., (2023).

Family First: Evidence of Consistency and Variation in the Value of Family Versus Personal Happiness Across 49 Different Cultures.

Journal of Cross-Cultural Psychology, 54(3), 323–339.

<https://doi.org/10.1177/00220221221134711>

Family First: Evidence of Consistency and Variation in the Value of Family versus Personal Happiness across 49 Different Cultures

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Funding details: This work was supported by the Polish National Science Centre under grant 2020/38/E/HS6/00357; the Hungarian OTKA under grant K-135963; the Brazilian National Council for Scientific and Technological Development – CNPq under grant 301298/2018-1; the Czech Science Foundation CSF under grant 20-08583S, by the NPO, Systemic Risk Institute, LX22NPO5101; and the Ministry of Higher Education and Science RF FZEW-2020-0005.

Disclosure statement: No potential conflict of interest was reported by the authors.

Abstract

People care about their own well-being, but also about the well-being of their families. It is currently however unknown how much people tend to value their own and their family's well-being. A recent study documented that people value family happiness over personal happiness across four cultures. In this study, we sought to replicate this finding across a larger sample size ($N = 12,819$) and a greater number of countries ($N = 49$). We found that the strength of the idealization of family over personal happiness preference was small (average Cohen's d s = .20, range -.02 to .48), but present in 98% of the studied countries, with statistical significance in 73-75%, and variance across countries < 2%. We also found that the size of this effect did vary somewhat across cultural contexts. In Latin American cultures highest on relational mobility, the idealization of family over personal happiness was very small (average Cohen's d s for Latin America = .15 and .18), while in Confucian Asia cultures lowest on relational mobility, this effect was closer to medium (d s > .40 and .30). Importantly, we did not find strong support for traditional theories in cross-cultural psychology that associate collectivism with greater prioritization of the family versus the individual; country level individualism-collectivism was not associated with variation in the idealization of family versus individual happiness. Our findings indicate that no matter how much various populists abuse the argument of "protecting family life" to disrupt emancipation, family happiness seems to be a pan-culturally phenomenon. Family well-being is a key ingredient of social fabric across the world, and should be acknowledged by psychology and well-being researchers, and by progressive movements too.

Keywords: family, happiness, well-being, interdependent happiness, life satisfaction, culture, relational mobility

Family First: Evidence of Consistency and Variation in the Value of Family versus Personal
Happiness across 49 Different Cultures

Happiness may be the “ultimate dependent variable” in psychological science (Lu & Gilmour, 2004). Although a great deal of research has sought to measure and understand personal happiness, some recent evidence shows that many people tend to value family happiness over personal happiness (Krys et al., 2021). The purpose of the current paper is to investigate the relative idealization of family over personal happiness across a broad array of cultural contexts and to explore how cultures may vary in the extent of happiness idealization.

Ideal Level of Happiness Varies Across Cultures

A belief that people should explicitly and actively pursue happiness is a pervasive assumption within psychological science. Indeed, some view happiness as the ultimate value in life and strongly endorse its pursuit (e.g., Lu & Gilmour, 2004). Many intergovernmental organizations such as the United Nations consider the pursuit of happiness a fundamental human goal and advocate that levels of happiness should guide policy making. Such positive conceptualizations of happiness are particularly common within Western and individualistic contexts (Bond, 2013; Steel, Taras, Uggerslev, & Bosco, 2018). However, recent studies demonstrate considerable cultural variation in the way happiness is construed and valued (Hornsey et al., 2018; Krys, Capaldi, Zelenski, et al., 2021).

Considerable variation exists in how happiness tends to be idealized. For example, Japanese, Koreans, and Chinese students score relatively low on *ideal* happiness (Diener, Nappa-Scollon, Oishi, Dzokoto, & Suh, 2000). More recently, Hornsey and collaborators (2018) documented that people in holistic cultures (i.e., societies where an holistic rather than analytic

cognitive style is more prevalent; Nisbett et al., 2001) did not aspire to maximize their happiness. Furthermore, there also appears to be evidence for a fear of feeling too happy (Joshanloo & Weijers, 2014) and tendencies to refrain from expressing positive emotions (van Osch, Zeelenberg & Breugelmans, 2016). These findings indicate that personal happiness may not necessarily be the “ultimate dependent variable.” It may be the case that other forms of happiness tend to be valued more than personal happiness. In particular, people across the world may aspire to preserve or enhance their family’s happiness more than one’s personal.

Family Happiness: From *Self*-ratings to *Us*-ratings

The majority of psychological studies focus on individuals. Contemporary academic traditions originate mainly from individualistic societies (Sampson, 1981), in which the “basic unit of survival” is an individual person (Hui & Triandis, 1986). However, individualistic cultures emerged relatively recently; throughout most of human history, it was extremely difficult to survive without strong ties to a collective. Even nowadays, for many people across many different cultures (including those individualistic), people have a strong need to belong and “we” may be at least equally important as “I” (Sampson, 1981). Thus, in order to make psychological science more culturally sensitive, in addition to *self*-ratings, it is also important to study *us*-ratings.

Evolutionary psychologists recognize that family (i.e., kinship) is highly salient and important with respect to many other types of interconnectedness. Humans foster higher prosociality towards kin than towards other in-groups, and complex norms regulating kinship have evolved across all human cultures (McNamara & Henrich, 2016). Caring for family is one of the most important universal human motives (Ko et al., 2020). Data from the World Values Survey confirm that among six aspects of life—family, friends, leisure time, politics, work, and

religion—family is rated as the most important domain of living in each of over sixty analyzed countries (Krys et al., 2021). Moreover, family is considered the most important contextual component of lay conceptions of happiness across many different cultural contexts (Delle Fave et al., 2016).

Ideal Type of Happiness Varies Across Cultures

Across cultures, people define personal happiness in variety of ways (Krys et al., 2019; Uchida & Oishi, 2016). One type of happiness is broadly construed as life satisfaction (Diener et al., 1985). Life satisfaction tends to be individual-person-oriented and frames personal happiness in accordance with several aspects of European American cultural contexts (Diener et al., 1985; Krys et al., 2019). Another type of happiness is termed interdependent happiness (Hitokoto & Uchida, 2015). Interdependent happiness represents the degree to which one is interpersonally harmonized, and connected to the collective way of well-being. Interdependent happiness is more socially-oriented and frames personal happiness in accordance with several aspects of several East Asian cultural contexts such as Japan. Although life satisfaction and interdependent happiness represent separable as well as complementary forms of happiness, i.e., each form is specific to personal forms of happiness and not family forms of happiness.

Cultural differences in the idealization of family happiness

It may be the case that cultures differ in terms of how much family happiness is idealized over personal happiness. One broad construct shown to be associated with country level measures is individualism. When happiness is measured with “I” as the focus, there exists a positive association between individualism and life-satisfaction (Cheng et al., 2016; Diener et al., 1995; Jasielska, Stolarski, & Bilewicz, 2018; Krys et al., 2019; Kuppens et al., 2008; Steel et al., 2018). Individualism – collectivism represents a broad array of psychological constructs and thus

it remains difficult to ascertain what aspects of individualism or collectivism may relate to happiness and what aspects do not. Here, we focus on another cultural variable that may be particularly important in terms of the idealization of family over personal happiness, namely *relational mobility* (Krys et al. 2021; Thomson et al., 2018).

Relational mobility is a cultural construct that differentiates societies on how fluid and open interpersonal relationships are (Thomson et al., 2018). Relational mobility is defined as “a socioecological variable that represents how much freedom and opportunity a society affords individuals to choose and dispose of interpersonal relationships based on personal preference” (Thomson et al., pp. 7521). In low relational mobility societies, relationships are relatively stable: members engage in few long-lasting relationships and tend to be unwilling to abandon them. Constituting a friendship or a family is a relatively long-lasting process. In contrast, in high relational mobility societies, relationship options are more flexible: members more easily seek out new partners, leave old friends behind, and set up new families. Relationship options are abundant and new relationships can be formed in a short time (Thomson et al.).

Because relationships are more fixed in societies of low relational mobility, options of quitting or changing a family are much smaller. This greater interdependence within in-groups may make family happiness more important for its individual members as they would personally be affected by unhappiness of the larger unit. Family happiness may thus be valued over personal happiness to a higher extent than in societies, where patchwork families, single parents, divorces, and frequent change of romantic partners are more common. It thus seems plausible that in low, compared to high, relational mobility cultures happiness of family may be valued to a relatively greater extent over personal happiness. We are aware of one investigation tapping into both relational mobility and life satisfaction. However, these studies focused on the moderating effect

of relational mobility on the relationship between self-esteem and personal life satisfaction (Yuki, Sato, Takemura, & Oishi, 2013). Our research question differs from these findings in that we are interested in the idealization of happiness, not actual happiness, and that we focus on the relationship between ideal happiness and relational mobility.

The theoretical content of relational mobility may relate to some aspects of individualism. Freedom to choose and dispose of interpersonal relationships based on personal preference seems inherently individualistic. On the other hand, the large cross-cultural empirical quantification of relational mobility (Thomson et al., 2018) documents that this cultural variable is only moderately correlated with measures that are currently labelled as individualism-collectivism¹ (Hofstede, 2001; Minkov et al., 2017) or with measures recognized as individualism-like phenomena: autonomy (Schwartz, 2008), open society (Krys, Uchida, Oishi, & Diener, 2019), or self-expression (Inglehart, 1997). Some may interpret relational mobility as a component or facet of individualism, and others interpret them as separate phenomena - the proper discussion of this issue reaches beyond the scope of the current paper. In order to situate the results of our study within the scope of prior research on the link between individualism and happiness (Cheng et al., 2016; Diener et al., 1995; Jasielska, Stolarski, & Bilewicz, 2018; Krys et al., 2019; Kuppens et al., 2008; Steel et al., 2018), we tested for associations between relational mobility and the type of happiness idealization, as well as between various measures of individualism and individualism-like phenomena and the type of happiness idealization.

Present Study

¹ Measures currently labelled as individualism-collectivism were criticized as ecologically not-valid (Brewer & Venaik, 2011) or bringing unexpected findings (Takano & Osaka, 2018).

A recent study demonstrated that family happiness was idealized more than individual happiness in four countries (Krys et al., 2021). In this study, we sought to replicate these findings across a larger array of cultural contexts. Measures of ideal levels of personal and family happiness were included to study the association between relational mobility, individualism-collectivism and valuation of various types of happiness. We investigated the relative idealization of family versus personal happiness across cultures and tested for associations between relational mobility and the type of happiness idealization, as well as between various measures of individualism (or related constructs) and the type of happiness idealization.

Method

Our data set contained 12,819 participants ($M_{age} = 25.18$, $SD = 9.51$) from 49 countries collected from 2017 to 2019. As a rule of thumb, we sought to collect approximately 200 post-secondary sample and received in average 256 valid responses from each country. On average, 83.1% of the entire data set was based student samples, while the remainder was based on community samples (Table 1; see also SOM for detailed information).

A primary goal of this study was to characterize cultural norms of happiness. We therefore decided to frame items in terms of *idealization* of happiness types. Idealization was used based on prior research demonstrating the efficacy of this term when measuring cultural norms of happiness across 41 different societies (Diener et al., 2000). We used instructions for ideal levels of happiness from Diener and collaborators (2000): [...] *instead of answering how much you agree with the statements, we would like you to indicate how much you think the ideal or perfect person would agree with each statement* (identical approach to Krys et al., 2021). We used the Satisfaction with Life Scale (personal SWLS; five items; Diener et al., 1985; e.g., *You are satisfied with your life;*) to measure ideal life satisfaction of individuals. The Interdependent

Happiness Scale (personal IHS; 9 items; Hitokoto & Uchida, 2015; e.g., *You believe that you and those around you are happy*) was used to measure the ideal interdependent happiness of individuals. To move from *self-* to *us-*ratings we additionally asked participants about ideal levels of their family happiness by changing the subject of the personal SWLS and personal IHS measures from an individual to their family. To establish linguistic equivalence of the instructions and demographic items, team leaders were instructed to follow the back-translation procedure (Brislin, 1970). A full list of the original and modified items, as well as reliability coefficients, are provided as Supplemental Material.

To eliminate between cultural variance in scale-use and response bias, we subtracted the idealization of personal happiness from idealization of family happiness for both the SWLS and IHS scales resulting in two difference scores (Δ SWLS and Δ IHS, $skewness_{\Delta SWLS} = 0.56$, $skewness_{\Delta IHS} = 0.57$; $kurtosis_{\Delta SWLS} = 5.89$, $kurtosis_{\Delta IHS} = 7.62$), such that a positive difference score indicates that family happiness is idealized over personal happiness.

Country level relational mobility scores were obtained from Thomson et al. (2018), with higher scores indicating higher relational mobility. These scores tap into perceptions of both the opportunities and choices people have in their relationships in these countries. Relational mobility values were available for 22 out of the 49 included in this sample. Please see Supplementary Materials for a complete list of countries that were included within models testing for effects of relational mobility.

For markers of individualism, we obtained scores of individualism (Hofstede, 2001; Minkov et al., 2017), scores on open society (Krys, et al., 2019), and scores on affective and intellectual autonomy and embeddedness (Schwartz, 2008); following the formula for aggregating various cross-cultural scores on a similar phenomenon (Krys et al., 2018), we also

calculated a meta-factor score of individualism which is the mean of standardized values of the above markers of individualism. We also employed markers of additional country and culture level markers. For *Westernization*, apart from individualism, we took traditional-secular values and survival-self-expression values (Inglehart, 1997). For *Education*, we took expected and mean years of schooling from the Human Development Index data (Human Development Report, 2015). For *Industrialization*, we took technological advancement from Welzel (2013). For *Richness*, we took log transformed GDP per capita in 2015 (World Bank, 2017). For *Democracy*, we used the democracy index by Economist Intelligence Unit (2020).

To ensure the data quality, we additionally excluded (beyond original exclusion of data as reported in material [BLINDED FOR REVIEW., 2021]) 253 participants (about 2% of the overall sample) for lack of responses on variables of interest in this particular paper. A more comprehensive method section is provided in the SOM.

Results

Pancultural Idealization of Family versus Personal Happiness

We found that across the majority of countries in our sample, family happiness was rated as more important than personal happiness (98% in direction; 73-75% with statistical significance). We found this pattern to occur for both SWLS (Figure 1) and the IHS (Figure 2) forms of happiness. This finding supports the idea that family happiness is almost universally idealized over personal happiness.

Cultural Variation in the Idealization of Family versus Personal Happiness

A MANOVA with country and gender as between-subjects factors and Δ SWLS and Δ IHS as dependent variables, only revealed a significant multivariate effect of country, Wilks' λ

= .98, $F(96, 25182) = 3.12, p < .001, \eta_p^2 = .01$. Neither effects of gender and the culture-gender interaction were significant, all $ps > .403$. This effect suggests that there is cultural variability in the extent to which people value family happiness over personal happiness, and was observed for both operationalizations of happiness, $F_{SWLS}(48, 12,595) = 4.56, p < .001, \eta_p^2 = .02$, and $F_{IHS}(48, 12,595) = 3.41, p < .001, \eta_p^2 = .01$. The effect in general was small, with a range from no effect to medium effect (SWLS: $d = .20$; $d_{min} = -.02$ [Ghana]; $d_{max} = .48$ [Taiwan]; IHS: $d = .20$; $d_{min} = .00$ [Ghana]; $d_{max} = .46$ [Russia]), but ubiquitous, i.e., we found it in 98% of the studied countries; 73% and 75% with statistical significance, for SWLS and IHS, respectively. When we correlated the difference scores ($\Delta SWLS$ and ΔIHS) with relational mobility, we observed that lower relational mobility scores were related to higher relative idealization of family happiness over personal happiness, $r_{SWLS}(20) = -.45, p = .036$ and $r_{IHS}(20) = -.43, p = .048$. In other words, the more “mobile” relations in a given country the smaller the idealization of family happiness over personal happiness.

Next, we tested if $\Delta SWLS$ and ΔIHS correlates with several aspects of individualism-collectivism. Among the zero-order correlations (see Table 2), the relationships between $\Delta SWLS$ and ΔIHS and relational mobility were the two out of three significant correlations from thirty analyses run, $\Delta SWLS: r(20) = -.45, p = .034$; $\Delta IHS, r(20) = -.44, p = .04$ (the third significant correlation we found was for ΔIHS and traditional-secular values: $r[36] = .33, p = .04$; correlation for $\Delta SWLS$ and traditional-secular values was far from significant: $r(36) = .07, p = .65$). Importantly, the relationship between $\Delta SWLS$ and ΔIHS and relational mobility remained the strongest among all variables of our interest after partialing out the potential confound of wealth level (manifested by log-transformed GDP *per capita*), $\Delta SWLS: r_{\text{partial}}(20) = -.45, p = .039$; $\Delta IHS, r_{\text{partial}}(20) = -.45, p = .042$. These correlation analyses indicated that relational

mobility was uniquely and consistently associated with greater idealization of personal rather than family happiness. The full correlation matrix among variable of interests can be found in Table S3 (zero-order correlation) and Tables S4 (partial correlation). The general pattern of these results does not support the idea that aspects of individualism-collectivism explain a significant proportion of country level variation in idealization of family versus personal happiness.

Two sets of multilevel modeling were conducted to examine whether the country level relational mobility predicts individual Δ SWLS and Δ IHS, after controlling for individual demographics, including age, gender, nature of samples, and social capital (measured by parents' education level). We obtained intra-class correlation (ICCs = .02) by defining a null model (Model 1) with only fixed and random intercepts. The ICCs indicated that the cross-country differences account for about 2% of the variability of Δ SWLS and Δ IHS, which aligns with our main "take home message" that family happiness is generally idealized over individual happiness across cultures. Then, in both lines of modelling, we defined two models, demographic model (Models 2) and relation mobility model (Models 3) using the subset of data where relational mobility was available ($N = 6318$, $k = 22$), with a random intercept and fixed slope. Models 2 contain only individual level demographic variables while Models 3 contain demographics plus cultural level relation mobility. In Models 2 and 3, only social capital significantly predicted Δ SWLS and Δ IHS (Δ SWLS model: estimate = 0.05, SE = 0.02, $p = .01$; Δ IHS model: estimate = 0.05, SE = 0.02, $p = .002$); no other individual demographic variables significantly predicted Δ SWLS and Δ IHS, $ps > .44$. And more importantly, in both Models 2 and 3, the country level relational mobility significantly predicted Δ SWLS and Δ IHS (Δ SWLS model: estimates: -0.40, SE = 0.16, $p = .02$; Δ IHS model: estimate = -0.20, SE = 0.09, $p = .04$). The -2 log likelihood different tests were significant as well (Δ SWLS model: $\Delta\chi^2(1) = 5.66$, $p = .02$; Δ IHS model:

$\Delta\chi^2(1) = 4.55, p = .03$), indicating that cultural level relational mobility had incremental value in explaining Δ SWLS and Δ IHS after individual level demographics were controlled. For the full description of analyses, please see SOM.

Discussion

We found that across most countries people idealize family happiness above personal happiness. Importantly, our findings suggest pancultural generality of this effect around the world. People idealize family happiness over personal happiness in 48 out of 49 studied countries (in the 49th the negative effect was close to zero), and the cross-cultural variation in our variable of interest was only 2%.

The (almost) pancultural idealization of family happiness over personal happiness is the most important finding of our study. Although personal happiness is commonly treated as the ‘ultimate’ dependent variable for psychological science (Bond, 2013), our findings suggest that family happiness is often idealized more than personal happiness. Future research on psychological well-being may need to acknowledge this fact and account for its variation. We hope our findings will motivate future research on family happiness; the subject of well-being that at present seems largely understudied.

Although the variability across cultures in how much family versus personal happiness is idealized is small, we did find a theoretically plausible cultural-level factor to explain it. We found a significant association between relational mobility the relative valuation of family over personal happiness (Thomson et al., 2018). Cultures characterized by low relational mobility idealize family over personal happiness to a larger extent than do members of societies high in relational mobility. We did not, however, find much support to the idea that what is currently

labelled as individualism-collectivism was important in terms of explain cultural differences in the relative valuation of family over personal happiness. Therefore, we suggest that relational mobility (and not currently used measures of individualism-like phenomena) is particularly important in explaining the cultural variation in idealization of family over personal happiness.

What is it about relational mobility that may be so important in terms of the type of happiness being idealized? Societies differ in how fluid and open interpersonal relationships they shape (Thomson et al., 2018). In low relational mobility societies, constituting a friendship or a family is a relatively long-lasting process, and people engage in few long-lasting relationships and tend to be unwilling to abandon them. We found that in such societies, family happiness is idealized over personal happiness relatively more. In contrast, in high relational mobility societies, relationships can be formed in a short time, relationship options are abundant and more flexible, thus, people are able to easily leave old friends behind to seek out new partners (Thomson et al., 2018). If a social context delivers cues that there may be an “expiration date” for a family, as it frequently happens in high relational mobility cultures, idealization of family happiness over personal happiness may be attenuated.

Interestingly, in our two-level analyses, we also found that the individual-level social capital (i.e., education of parents) was associated with idealization of family happiness over personal happiness. This finding highlights the potential importance of studying family happiness. The enormous body of research on personal happiness has elucidated some antecedents, features and consequences. Yet, our findings highlight the need to broaden the scope of well-being studies – *self*-ratings on happiness may need to be accompanied by *us*-ratings of happiness. Future research is necessary to uncover the antecedents and consequences

of both personal and family happiness. It may be the case that family happiness may be governed by somewhat different mechanisms and dynamics than personal happiness.

Limitations

These advances notwithstanding, we must acknowledge our study's shortcomings in terms of measurements and sampling limitations. The fact that the majority of this sample was comprised of students is an important limitation of this work (for a detailed discussion see SOM). This study is also limited in terms of the number of countries included in the analysis with scores on relational mobility ($n = 22$), thus, conclusions drawn from this study should be considered with caution. It will be important for future studies to investigate this effect using a larger array of countries. Moreover, we only focused on individual and family happiness. It may be the case that some people may prioritize other ingroup members other than one's family such as friends, work groups or religious community members. Future studies are required in order to replicate our findings and extend explore these mechanisms in greater detail. Another limitation is the understanding of family which may have been subjectively construed by participants. We assumed that because families differ across cultures, providing one definition of family may be culturally insensitive (Szarota, Rahman, & Cantarero, 2021). Finally, the instruction we employed limits broad generalizations of our findings. Following Diener et al. (2000), we asked participants to employ the perspective of an "ideal person" when answering questions about happiness. It remains unclear, however, whether these instructions activated *ideal self* or *ought self* (Higgins, 1997). It also remains a possibility that real desires (as compared to ideals) are relatively more selfish than family-oriented.

Implications

Our findings indicate that for the majority of people, the most important individuals are those whom they consider family. Many studies have sought to elucidate what factors contribute to improve family life. However, the majority of family studies focuses on relationships between spouses and parent–child relations. Here, we treated the family as a whole and found that the majority of people in a vast number of countries value their family’s happiness above their own personal happiness. Our findings support the idea that family happiness is important across a diverse array of cultural contexts.

Several aspects of traditional conceptualizations of collectivism lend support to the idea that highly collective cultures should be where family happiness is valued the most. This, however, is not what we found. We found that several countries low in collectivism (i.e., highly individualistic) such as the US and Canada, tended to value family happiness more than individual happiness. This finding contributes to ongoing efforts to conceptualize the constructs of individualism and collectivism with greater detail (Brewer & Venaik, 2011; Kryś, Vignoles, de Almeida, & Uchida, 2022; Takano & Osaka, 2018). Our finding also supports the idea that relational mobility may have considerable importance in terms of explaining many other psychological constructs that differ across cultures. The topic of how best to define individualism and collectivism reaches beyond the scope of the current paper. However, we anticipate that our findings will contribute to ongoing constructive and empirical revisions of traditional models of individualism-collectivism.

Our findings also inform some topics related to political psychology and policy makers. Kryś, Capaldi et al. (2022, p. 14) recently signaled: “no matter how much various populists abuse the argument of “protecting family life” to disrupt emancipation, family life may be and is an important ingredient of social capital”. Our findings seem to align with this perspective.

Although concern with family is often associated with political conservatism (e.g., McAdams et al., 2008), our findings suggest that across the cultural spectrum, family happiness is highly valued everywhere.

This study suggests that family may be the basic collective unit of survival across cultures. We are unaware of any traditional or modern society that neglects the importance of family life. Cherishing life of families seems to be perceived universally across cultures as a foundation or a precondition for the sound modernization (Krys, Capaldi et al., 2022). The modern welfare state and a variety of global policies are guided by securing family welfare (to mention a few: paid maternal and paternal leave, safe housing, basic income directed to support kids). Thus, explicitly centering policies around family happiness may help address the increasing polarization within and across societies, and may help rebuild the shared story of humanity. Employing family happiness as a compass for policy-making may serve as a universal compass across societies more so than personal happiness.

References

- Bond, M. H. (2002). Reclaiming the individual from Hofstede's ecological analysis—a 20-year odyssey: Comment on Oyserman et al. (2002). *Psychological Bulletin*, *128*, 73-77.
- Brewer, P., & Venaik, S. (2011). Individualism—Collectivism in Hofstede and GLOBE. *Journal of International Business Studies*, *42*, 436–445.
- Cheng, C., Cheung, M. W. L., Montasem, A., & Studies, I. N. o. W. B. (2016). Explaining differences in subjective well-being across 33 nations using multilevel models: Universal personality, cultural relativity, and national income. *Journal of Personality*, *84*(1), 46-58.
- Delle Fave, A., Brdar, I., Wissing M., P., Araujo, U., Castro Solano, A., Freire, T., & Soosai-Nathan, L. (2016). Lay definitions of happiness across nations: The primacy of inner harmony and relational connectedness. *Frontiers in Psychology*, *7*, 1-23.
- Diener, E., Emmons, R. A., Larsen, R. J., & Griffin, S. (1985). The Satisfaction with Life Scale. *Journal of Personality Assessment*, *49*, 71-75.
- Diener, E., Napa-Scollon, C. K., Oishi, S., Dzokoto, V., & Suh, E. M. (2000). Positivity and the construction of life satisfaction judgments: Global happiness is not the sum of its parts. *Journal of Happiness Studies*, *1*, 159-176.
- Economist Intelligence Unit (2020). Democracy Index 2019. A year of democratic setbacks and popular protest. London: EIU.
- Higgins, E. T. (1987). Self-discrepancy: A theory relating self and affect. *Psychological Review*, *94*, 319–340. <https://doi.org/10.1037/0033-295X.94.3.319>
- Hitokoto, H., & Uchida, Y. (2015). Interdependent happiness: Theoretical importance and measurement validity. *Journal of Happiness Studies*, *16*, 211-239.

Hornsey, M., Bain, P., Harris, E., Lebedeva, N., Kashima, E., Guan, Y., Gonzalez, R., Chen, S., & Blumen, S. (2018). How much is enough in a perfect world? *Psychological Science*, *29*, 1393-1404.

Hui, C. H., & Triandis, H. C. (1986). Individualism-collectivism: A study of cross-cultural researchers. *Journal of Cross-Cultural Psychology*, *17*, 225-248.

Inglehart, R. (1997). *Modernization and postmodernization*. Princeton, NJ: Princeton University Press.

Inglehart, R., & Oyserman, D. (2004). Individualism, autonomy, self-expression. The human development syndrome. In H. Vinken, J. Soeters, & P. Ester (Eds.), *Comparing cultures, dimensions of culture in a comparative perspective* (pp. 74–96). Leiden, Netherlands: Brill.

Jasielska, D., Stolarski, M., & Bilewicz, M. (2018). Biased, therefore unhappy: Disentangling the collectivism-happiness relationship globally. *Journal of Cross-Cultural Psychology*, *49*(8), 1227-1246.

Joshanloo, M., & Weijers, D. (2014). Aversion to happiness across cultures: A review of where and why people are averse to happiness, *Journal of Happiness Studies*, *15*, 717-735.

Ko, A., Pick, C. M., Kwon, J. Y., Barlev, M., Krems, J. A. Varnum, M. E. W., ... Kenrick, D. (2020). Family matters: Rethinking the psychology of human social motivation. *Perspectives on Psychological Science*, *15*, 173-201.

Krys, K., Capaldi, C.A., Uchida, Y., Cantarero, K., Torres, C., Işık, İ., Yeung, V.W.L., Haas, B.W., Teyssier, J., Andrade, L., Denoux, P., Igbokwe, D.O., Kocimska-Bortnowska, A., Villeneuve, L., & Zelenski, J.M. (2022). Preference for modernization is universal, but expected modernization trajectories are culturally diversified: A nine-country study of

- folk theories of societal development. *Asian Journal of Social Psychology*. Advance online publication. <https://doi.org/10.1111/ajsp.12533>
- Krys, K., Capaldi, C., van Tilburg, W., Lipp, O., Bond, M., Vaclair, M., Manickam, S., Dominguez-Espinosa, A., Torres, C., Lun, V., Teyssier, J., Miles, L., Hansen, K., Szarota, P., Yu, A. A., Xing, C., Wise, R., Wagner, W., Sun, Ch., ... Ahmed, R. (2018). Catching up with wonderful women: The women-are-wonderful effect is smaller in more gender egalitarian societies. *International Journal of Psychology*, *53*, 21-26.
<http://dx.doi.org/10.1002/ijop.12420>
- Krys, K., Capaldi, C. A., Zelenski, J. M., Park, J., Nader, M., Kocimska-Zych, A., ... & Uchida, Y. (2021). Family well-being is valued more than personal well-being: A four-country study. *Current Psychology*. <https://doi.org/10.1007/s12144-019-00249-2>
- Krys, K., Uchida, Y., Oishi, S., & Diener, E. (2019). Open society fosters satisfaction: Explanation to why individualism associates with country level measures of satisfaction. *The Journal of Positive Psychology*, *14*, 768-778. <https://doi.org/10.1080/17439760.2018.1557243>
- Krys, K., Vignoles, V. L., de Almeida, I., & Uchida, Y. (2022). Outside the “Cultural Binary”: Understanding why Latin American collectivist societies foster independent selves. *Perspectives on Psychological Science*, *17*(4), 1166–1187.
<https://doi.org/10.1177/17456916211029632>
- Kuppens, P., Realo, A., & Diener, E. (2008). The role of positive and negative emotions in life satisfaction judgment across nations. *Journal of Personality and Social Psychology*, *95*(1), 66.

- Kwan, V. S. Y., Bond, M. H., & Singelis, T. M. (1997). Pancultural explanations for life satisfaction: Adding relationship harmony to self-esteem. *Journal of Personality and Social Psychology, 73*, 1038–1051.
- McAdams, D. P., Albaugh, M., Farber, E., Daniels, J., Logan, R. L., & Olson, B. (2008). Family metaphors and moral intuitions: How conservatives and liberals narrate their lives. *Journal of Personality and Social Psychology, 95*(4), 978–990.
<https://doi.org/10.1037/a0012650>
- McNamara, R. A., & Henrich, J. (2017). Kin and kinship psychology both influence cooperative coordination in Yasawa, Fiji. *Evolution and Human Behavior, 38*, 197-207.
- Nisbett, R. E., Peng, K., Choi, I., & Norenzayan, A. (2001). Culture and systems of thought: Holistic versus analytic cognition. *Psychological Review, 108*, 291–310.
<https://doi.org/10.1037/0033-295X.108.2.291>
- Roser, M. (2014). Human development index (HDI). Our World in Data. [Online Resource]
Retrieved from: <https://ourworldindata.org/human-development-index>
- Sampson, E. E. (1981). Cognitive psychology as ideology. *American Psychologist, 36*, 730-743.
- Schwartz, S. H. (2008). The 7 Schwartz cultural value orientation scores for 80 countries.
[Dataset]. <https://doi.org/10.13140/RG.2.1.3313.3040>
- Steel, P., Taras, V., Uggerslev, K., & Bosco, F. (2018). The happy culture: A theoretical, meta-analytic, and empirical review of the relationship between culture and wealth and subjective well-being. *Personality and Social Psychology Review, 22*(2), 128-169.
- Szarota, P., Rahman, E., & Cantarero, K. (2021). Globalization, Sharia Law, and Cultural Hybridity: A Case of Marriage Preferences of Young Bangladeshis. *Social Psychological Bulletin, 16*(1), 1-12. <https://doi.org/10.32872/spb.3889>

- Takano, Y., & Osaka, E. (2018), Comparing Japan and the United States on individualism/collectivism: A follow-up review. *Asian Journal of Social Psychology, 21*, 301-316. <https://doi.org/10.1111/ajsp.12322>
- Thomson, R., Yuki, M., Talhelm, T., Schug, J., Kito, M., Ayanian, A. H., et al. (2018). Relational mobility predicts social behaviors in 39 countries and is tied to historical farming and threat. *Proceedings of the National Academy of Sciences, 115*, 7521–7526.
- Uchida, Y., & Oishi, S. (2016). The happiness of individuals and the collective. *Japanese Psychological Research, 58*, 125-141.
- Human Development Report (2015). New York, NY: United Nations Development Programme.
- Van Osch, Y., Zeelenberg, M., & Breugelmans, S. M. (2016.) On the context dependence of emotion displays: Perceptions of gold medalists' expressions of pride. *Cognition and Emotion, 30*, 1332-1343. <https://doi.org/10.1080/02699931.2015.1063480>
- Yuki, M., Sato, K., Takemura, K., & Oishi S. (2013). Social ecology moderates the association between self-esteem and happiness. *Journal of Experimental Social Psychology, 49*, 741-746.
- World Bank (2017). GDP per capita, PPP (current international \$). International Comparison Program [Database]. Retrieved from: <https://data.worldbank.org/indicator/NY.GDP.PCAP.PP.CD>

Table 1. Descriptive statistics of demographics and focal variables

| Country | <i>n</i> | Gender % | | | Age | Ideal Personal Happiness | | Ideal Family Happiness | | Difference Scores | |
|----------------|----------|----------|-------|-------|---------------|--------------------------|-------------|------------------------|-------------|-------------------|--------------|
| | | Female | Male | Other | | SWLS | IHS | SWLS | IHS | Δ SWLS | Δ IHS |
| Argentina | 175 | 73.71 | 25.71 | 0 | 32.43 (11.35) | 6.14 (1.57) | 6.51 (1.43) | 6.38 (1.58) | 6.54 (1.51) | .24 (1.16) | .03 (1.03) |
| Australia | 340 | 57.06 | 41.76 | 1.18 | 37.85 (16.86) | 5.47 (2.21) | 5.8 (1.97) | 5.71 (2.24) | 5.9 (2.00) | .24 (1.41) | .10 (1.19) |
| Austria | 319 | 79.62 | 19.44 | 0.94 | 28.59 (10.14) | 7.67 (1.45) | 7.57 (1.22) | 7.85 (1.46) | 7.74 (1.28) | .18 (1.01) | .16 (.72) |
| Bhutan | 119 | 61.34 | 38.66 | 0 | 22.62 (2.43) | 5.37 (1.68) | 5.89 (1.51) | 5.78 (1.69) | 6.1 (1.58) | .42 (1.14) | .22 (1.08) |
| Brazil | 604 | 54.47 | 45.53 | 0.17 | 27.43 (10.13) | 6.12 (1.9) | 6.08 (1.72) | 6.38 (1.95) | 6.24 (1.78) | .26 (1.29) | .16 (.98) |
| Canada | 236 | 71.19 | 27.54 | 0.42 | 21.88 (4.79) | 6.68 (1.82) | 6.82 (1.61) | 7.00 (1.94) | 7.07 (1.75) | .32 (.95) | .25 (.89) |
| Chile | 217 | 55.76 | 41.47 | 2.30 | 21.53 (3.12) | 7.2 (1.39) | 7.01 (1.29) | 7.38 (1.37) | 7.1 (1.38) | .17 (1.06) | .09 (.72) |
| China | 198 | 70.71 | 27.78 | 0.51 | 20.59 (4.70) | 6.49 (1.71) | 6.95 (1.22) | 6.93 (1.64) | 7.23 (1.36) | .44 (1.17) | .28 (.97) |
| Colombia | 466 | 50.86 | 47.64 | 1.07 | 32.96 (12.36) | 6.42 (1.67) | 6.37 (1.51) | 6.44 (1.78) | 6.47 (1.61) | .02 (1.19) | .11 (.99) |
| Croatia | 140 | 84.29 | 15.71 | 0 | 30.69 (11.12) | 7.26 (1.61) | 7.54 (1.23) | 7.55 (1.5) | 7.7 (1.31) | .30 (.94) | .16 (.67) |
| Czech Republic | 199 | 50.25 | 48.74 | 0 | 22.21 (3.48) | 7.71 (1.36) | 7.19 (1.36) | 7.88 (1.21) | 7.43 (1.3) | .17 (.96) | .24 (.84) |
| El Salvador | 240 | 57.92 | 40.83 | 0.83 | 26.90 (8.72) | 6.65 (1.56) | 6.64 (1.34) | 6.8 (1.52) | 6.7 (1.4) | .15 (1.14) | .05 (1.05) |
| Estonia | 198 | 70.71 | 28.28 | 0 | 28.75 (10.51) | 7.69 (1.32) | 7.35 (1.24) | 7.79 (1.34) | 7.5 (1.31) | .09 (.79) | .15 (.82) |

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|---------------|-----|-------|-------|------|---------------|-------------|-------------|-------------|-------------|-------------|------------|
| France | 216 | 82.41 | 16.67 | 0.93 | 31.75 (10.45) | 7.31 (1.47) | 6.98 (1.39) | 7.33 (1.57) | 7.22 (1.41) | .02 (1.22) | .24 (1.08) |
| Georgia | 234 | 53.42 | 46.58 | 0 | 20.05 (2.56) | 6.03 (2) | 6.19 (1.53) | 6.25 (1.85) | 6.4 (1.57) | .22 (1.43) | .20 (.95) |
| Germany | 106 | 77.36 | 17.92 | 0 | 22.43 (3.40) | 7.91 (1.25) | 7.58 (1.12) | 7.98 (1.47) | 7.79 (1.27) | .07 (.90) | .21 (.87) |
| Ghana | 263 | 50.95 | 46.39 | 0 | 22.21 (2.36) | 5.81 (1.8) | 6.07 (1.58) | 5.78 (1.96) | 6.06 (1.68) | -.03 (1.43) | .00 (1.10) |
| Greece | 427 | 59.48 | 40.05 | 0.47 | 24.69 (5.75) | 6.69 (1.77) | 6.6 (1.41) | 6.96 (1.76) | 6.84 (1.46) | .27 (1.14) | .24 (.78) |
| Guatemala | 109 | 68.81 | 28.44 | 0.92 | 20.50 (2.38) | 7.21 (1.54) | 7.22 (1.33) | 7.51 (1.55) | 7.45 (1.35) | .30 (1.12) | .24 (.86) |
| Hong Kong | 291 | 37.11 | 62.89 | 0 | 21.16 (2.23) | 5.62 (1.99) | 6.06 (1.66) | 6.17 (1.94) | 6.37 (1.73) | .55 (1.27) | .31 (1.15) |
| Hungary | 831 | 73.16 | 26.84 | 0 | 20.89 (2.39) | 7.56 (1.39) | 7.4 (1.27) | 7.7 (1.38) | 7.59 (1.28) | .14 (.93) | .20 (.77) |
| Iceland | 353 | 79.89 | 19.26 | 0.85 | 30.88 (11.58) | 7.9 (1.32) | 7.88 (1.12) | 8.1 (1.16) | 8.09 (1.06) | .20 (.84) | .21 (.61) |
| Indonesia | 196 | 51.53 | 44.39 | 2.04 | 26.73 (11.92) | 5.94 (1.65) | 5.96 (1.47) | 6.04 (1.59) | 6.08 (1.55) | .10 (1.17) | .12 (1.08) |
| Iran | 196 | 46.43 | 50 | 0 | 34.55 (9.40) | 6.68 (1.79) | 7.05 (1.67) | 6.83 (1.8) | 7.06 (1.75) | .14 (1.13) | .01 (.92) |
| Ireland | 240 | 57.92 | 39.17 | 1.25 | 20.95 (3.18) | 7.24 (1.55) | 7.12 (1.47) | 7.42 (1.53) | 7.3 (1.47) | .19 (.99) | .18 (.99) |
| Italy | 288 | 53.47 | 45.83 | 0.69 | 25.14 (4.52) | 6.62 (1.84) | 6.55 (1.57) | 6.73 (1.87) | 6.67 (1.58) | .11 (1.13) | .12 (.74) |
| Japan | 197 | 39.09 | 60.91 | 0 | 19.56 (1.23) | 5.32 (2.13) | 5.94 (1.82) | 5.94 (2.04) | 6.4 (1.74) | .62 (1.57) | .46 (1.38) |
| Korea (South) | 208 | 47.60 | 52.4 | 0 | 22.43 (3.52) | 5.86 (1.74) | 6.27 (1.48) | 6.22 (1.85) | 6.48 (1.68) | .36 (1.10) | .21 (.95) |
| Lithuania | 287 | 72.13 | 27.18 | 0 | 25.06 (10.55) | 7.19 (1.7) | 7.18 (1.47) | 7.35 (1.74) | 7.33 (1.52) | .17 (.98) | .14 (.83) |

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|--------------|-----|-------|-------|------|---------------|-------------|-------------|-------------|-------------|------------|------------|
| Luxembourg | 220 | 66.36 | 29.55 | 0.91 | 25.77 (9.30) | 7.01 (1.86) | 6.95 (1.51) | 7.09 (1.93) | 7.02 (1.64) | .08 (1.35) | .07 (1.11) |
| Malaysia | 190 | 67.89 | 32.11 | 0 | 20.82 (1.62) | 6.39 (1.64) | 6.59 (1.35) | 6.85 (1.53) | 6.89 (1.38) | .46 (1.20) | .30 (.88) |
| Mexico | 170 | 57.06 | 41.76 | 0.59 | 20.77 (3.93) | 7.29 (1.7) | 7.18 (1.47) | 7.61 (1.5) | 7.42 (1.35) | .32 (1.10) | .24 (.84) |
| Netherlands | 194 | 9.79 | 90.21 | 0 | 19.41 (1.85) | 7.43 (1.61) | 7.33 (1.36) | 7.81 (1.34) | 7.67 (1.22) | .38 (1.20) | .34 (.98) |
| Nigeria | 137 | 78.10 | 16.79 | 0 | 19.82 (1.51) | 5.52 (2.07) | 5.77 (1.93) | 5.88 (2.07) | 6.06 (2.00) | .37 (1.21) | .30 (1.05) |
| Norway | 249 | 78.31 | 21.29 | 0 | 22.64 (4.82) | 7.18 (1.51) | 7.31 (1.31) | 7.43 (1.46) | 7.54 (1.31) | .25 (.91) | .24 (.69) |
| Pakistan | 239 | 46.86 | 53.14 | 0 | 21.78 (3.46) | 5.93 (1.63) | 6.19 (1.48) | 6.19 (1.58) | 6.32 (1.5) | .27 (1.16) | .13 (.84) |
| Poland | 472 | 68.64 | 30.93 | 0.42 | 32.51 (14.77) | 5.63 (2.24) | 5.82 (1.88) | 5.84 (2.29) | 5.95 (1.97) | .21 (.89) | .13 (.75) |
| Portugal | 260 | 65.38 | 33.08 | 0.77 | 28.61 (12.61) | 7.04 (1.79) | 6.62 (1.51) | 7.25 (1.73) | 6.82 (1.49) | .21 (1.10) | .21 (.78) |
| Romania | 290 | 49.66 | 50 | 0 | 22.30 (6.12) | 7.09 (1.47) | 7.09 (1.32) | 7.12 (1.66) | 7.18 (1.36) | .03 (1.09) | .10 (.83) |
| Russia | 270 | 62.96 | 37.04 | 0 | 19.76 (1.55) | 6.45 (1.97) | 6.43 (1.61) | 6.91 (1.83) | 6.86 (1.65) | .46 (1.21) | .43 (.93) |
| Saudi Arabia | 177 | 80.79 | 19.21 | 0 | 39.37 (13.43) | 6.74 (1.79) | 7.11 (1.57) | 6.88 (1.82) | 7.14 (1.65) | .13 (.95) | .03 (.83) |
| Serbia | 210 | 50.48 | 49.52 | 0 | 20.11 (1.58) | 7.4 (1.41) | 7.31 (1.25) | 7.52 (1.47) | 7.34 (1.31) | .12 (.76) | .03 (.69) |
| Slovakia | 311 | 52.41 | 47.27 | 0.32 | 21.55 (1.95) | 7.11 (1.8) | 7.01 (1.57) | 7.22 (1.85) | 7.11 (1.69) | .11 (1.23) | .10 (1.04) |
| Switzerland | 335 | 20.00 | 79.4 | 0.30 | 25.93 (6.00) | 7.5 (1.39) | 7.19 (1.21) | 7.69 (1.33) | 7.46 (1.12) | .18 (1.03) | .26 (.68) |
| Taiwan | 210 | 64.29 | 35.71 | 0 | 19.99 (1.41) | 5.93 (1.93) | 6.36 (1.67) | 6.61 (1.92) | 6.8 (1.64) | .68 (1.41) | .43 (1.07) |

| | | | | | | | | | | | |
|----------------|-----|-------|-------|------|---------------|-------------|-------------|-------------|-------------|------------|------------|
| Turkey | 202 | 52.97 | 46.53 | 0.50 | 31.99 (11.68) | 6.43 (1.66) | 6.67 (1.27) | 6.61 (1.66) | 6.9 (1.32) | .18 (1.05) | .23 (.81) |
| Ukraine | 204 | 54.90 | 42.16 | 0 | 19.05 (2.28) | 6.7 (1.79) | 6.57 (1.46) | 7.28 (1.6) | 7.03 (1.49) | .58 (1.36) | .46 (1.11) |
| United Kingdom | 139 | 30.94 | 66.91 | 1.44 | 20.71 (3.06) | 7.4 (1.47) | 7.36 (1.4) | 7.44 (1.66) | 7.39 (1.49) | .04 (.86) | .04 (.82) |
| United States | 446 | 69.96 | 29.37 | 0.22 | 21.37 (5.81) | 6.57 (2.04) | 6.75 (1.77) | 6.93 (1.99) | 6.95 (1.77) | .36 (1.27) | .20 (1.10) |
| Average | 262 | 60.07 | 39.52 | 0.41 | 25.17 (9.50) | 6.71 (1.86) | 6.74 (1.59) | 6.94 (1.84) | 6.93 (1.64) | .24 (1.14) | .19 (.92) |

Means and standard deviations (in bracket) for continuous variables. SWLS = Satisfaction with Life Scale, IHS = Interdependent Happiness Scale. Questionnaires were administered in the main official language in a given country with the following additional clarifications (teams in Luxembourg and Switzerland employed German questionnaire; teams in Canada, Ghana and Nigeria English) and one exception (in Bhutan participants responded in English - despite this fact, our findings locate Bhutan among other low relational mobility countries).

Table 2. Zero-order and partial correlations between the difference scores of idealizations and cultural variables of interest

| | Variables of Interest, $r(df)$ | | | |
|-----------------------------------|--------------------------------|--------------|---------------|--------------|
| | Zero-order | | Partial | |
| | Δ SWLS | Δ IHS | Δ SWLS | Δ IHS |
| Δ IHS | 0.80 (47)*** | | 0.81 (47)*** | |
| Relational Mobility | -0.45 (20)* | -0.44 (20)* | -0.45 (20)* | -0.45 (20)* |
| GPD per capita (log transformed) | 0.00 (47) | 0.13 (47) | | |
| Hofstede Individualism | -0.24 (40) | -0.05 (40) | -0.44 (40)** | -0.33 (40)* |
| Minkov Individualism-collectivism | -0.19 (32) | -0.06 (32) | -0.19 (32) | -0.04 (32) |
| Schwartz - Intellectual Autonomy | -0.19 (39) | 0.09 (39) | -0.35 (39)* | -0.04 (39) |
| Schwartz - Affective Autonomy | -0.11 (39) | 0.08 (39) | -0.23 (39) | -0.04 (39) |
| Schwartz - Embeddedness | 0.13 (39) | -0.06 (39) | 0.33 (39)* | 0.12 (39) |
| Open Society | -0.05 (37) | 0.02 (37) | -0.24 (37) | -0.21 (37) |
| Traditional Secular | 0.07 (36) | 0.33 (36)* | 0.13 (36) | 0.37 (36)* |
| Survival Self-expression | -0.03 (36) | -0.03 (36) | 0.07 (36) | -0.07 (36) |
| Individualism Meta Factor | -0.12 (44) | 0.06 (44) | -0.31 (44)* | -0.13 (44) |
| Expected Years of Schooling | -0.07 (46) | 0.04 (46) | -0.05 (46) | -0.07 (46) |
| Mean Years of Schooling | -0.04 (46) | 0.17 (46) | -0.01 (46) | 0.13 (46) |
| Welzel's Technology Advancement | 0.09 (45) | 0.24 (45) | 0.22 (45) | 0.30 (45)* |
| Democracy Index | -0.12 (46) | 0.07 (46) | -0.18 (46) | -0.06 (46) |

* $p < .05$, ** $p < .01$, *** $p < .001$. $df = k - 2$, when $k =$ numbers of countries available for a given association. Partial r is the effect of GPD per capita (log transformed) partial out

Table 3. Multilevel model predicting Δ SWLS from demographics at individual level and relational mobility at country level

| Level & Variable | Model 1 (Intercept Model) | | | Model 2 (Demographic) | | | Model 2* (Demographic) | | | Model 3 (Relational Mobility) | | |
|----------------------------|------------------------------|------|------|--------------------------|------|------|---------------------------|------|------|-------------------------------------|------|------|
| | Estimate | SE | | Estimate | SE | | Estimate | SE | | Estimate | SE | |
| Level 1 - Individual Level | | | | | | | | | | | | |
| Intercept | 0.24 | *** | 0.02 | 0.25 | *** | 0.04 | 0.21 | ** | 0.06 | 0.21 | *** | 0.06 |
| Age | | | | 0.00 | † | 0.00 | 0.00 | | 0.00 | 0.00 | | 0.00 |
| Gender | | | | -0.01 | | 0.02 | 0.02 | | 0.03 | 0.03 | | 0.03 |
| Sample | | | | 0.01 | | 0.04 | 0.03 | | 0.06 | 0.04 | | 0.06 |
| Parents' Education Level | | | | 0.05 | *** | 0.01 | 0.05 | * | 0.02 | 0.05 | ** | 0.02 |
| Level 2 - Country Level | | | | | | | | | | | | |
| Relational Mobility | | | | | | | | | | -0.40 | * | 0.16 |
| Variance Components | | | | | | | | | | | | |
| Within-country variance | 1.28 | | | 1.28 | | | 1.32 | | | 1.32 | | |
| Intercept variance | 0.02 | | | 0.02 | | | 0.03 | | | 0.02 | | |
| analyzed $N(k)$ | 12816 | (49) | | 12273 | (49) | | 6213 | (22) | | 6213 | (22) | |

*** $p < .001$, ** $p < .01$, * $p < .05$, † $p < .10$. Model 2* and 3 comparison: $\Delta\chi^2(1) = 5.66$, $p = .017$. Models with different sample sizes were not compared. Gender: 0 = female; 1 = male; Samples: 0 = student sample; 1 = community sample; Parents' Education Level: 0 = none of the parents have higher education, 1 = one of them, 2 = both.

Table 4. Multilevel model predicting Δ IHS from demographics at individual level and relational mobility at country level

| Level & Variable | Model 1 (Intercept Model) | | | Model 2 (Demographic) | | | Model 2* (Demographic) | | | Model 3 (Relational Mobility) | | |
|----------------------------|------------------------------|-----|------|--------------------------|-----|------|---------------------------|-----|------|-------------------------------------|-----|------|
| | Estimate | SE | | Estimate | SE | | Estimate | SE | | Estimate | SE | |
| Level 1 - Individual Level | | | | | | | | | | | | |
| Intercept | 0.19 | *** | 0.02 | 0.21 | *** | 0.03 | 0.21 | *** | 0.05 | 0.21 | *** | 0.05 |
| Age | | | | 0.00 | * | 0.00 | 0.00 | | 0.00 | 0.00 | | 0.00 |
| Gender | | | | -0.02 | | 0.02 | -0.02 | | 0.03 | -0.02 | | 0.03 |
| Sample | | | | 0.00 | | 0.03 | -0.01 | | 0.04 | 0.01 | | 0.04 |
| Parents' Education Level | | | | 0.05 | *** | 0.01 | 0.05 | ** | 0.02 | 0.05 | ** | 0.02 |
| Level 2 - Country Level | | | | | | | | | | | | |
| Relational Mobility | | | | | | | | | | -0.20 | * | 0.09 |
| Variance Components | | | | | | | | | | | | |
| Within-country variance | 0.85 | | | 0.83 | | | 0.90 | | | 0.90 | | |
| Intercept variance | 0.01 | | | 0.01 | | | 0.01 | | | 0.01 | | |
| analyzed N (k) | 12818 (49) | | | 12273 (49) | | | 6213 (22) | | | 6213 (22) | | |

*** $p < .001$, ** $p < .01$, * $p < .05$. Model 2* and 3 comparison: $\Delta\chi^2(1) = 5.66$, $p = .017$. Models with different sample sizes were not compared. Gender: 0 = female; 1 = male; Samples: 0 = student sample; 1 = community sample; Parents' Education Level: 0 = none of the parents have higher education, 1 = one of them, 2 = both.

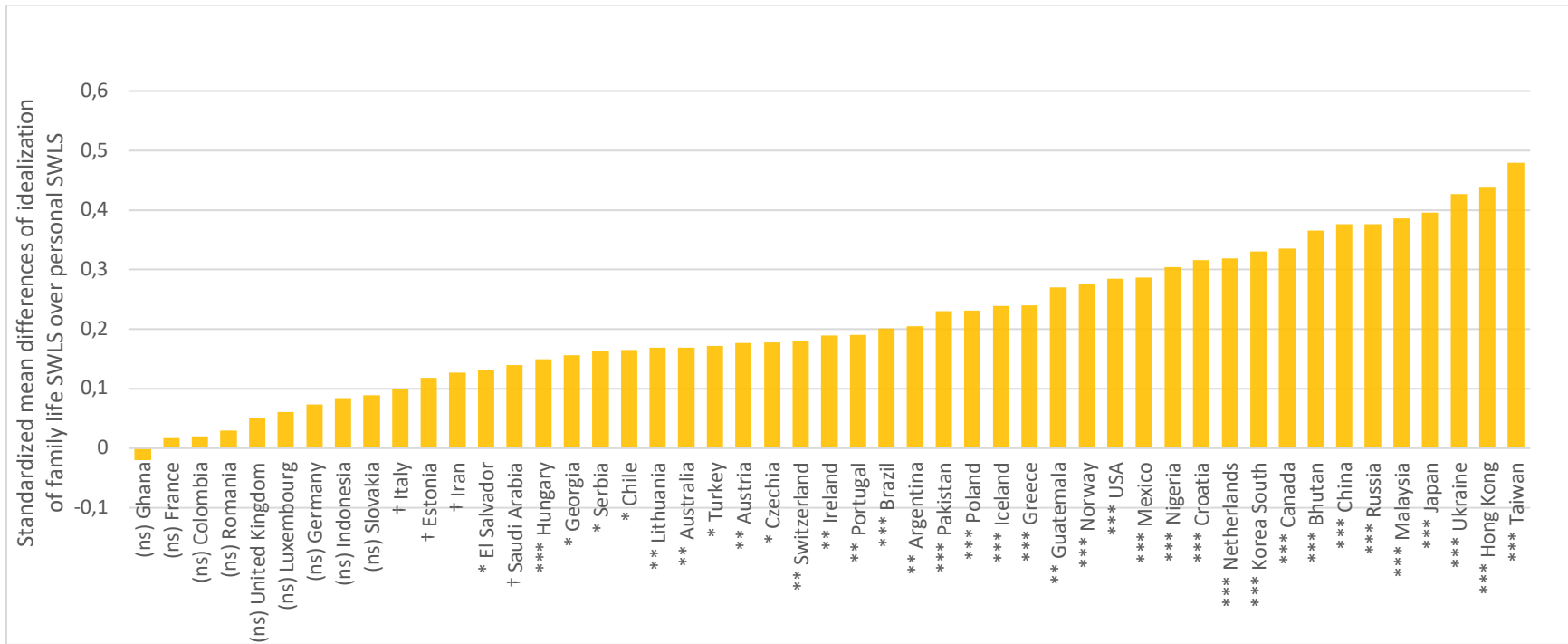


Figure 1. Family happiness is idealized over personal happiness in the majority of countries using SWLS as the outcome variable (with the difference reaching the level of statistical significance in countries marked with one or more asterisks). The height of the bar illustrates the effect size - Cohen's *d* (standardized mean difference between ideal level of family happiness and ideal level of personal happiness); paired sample *t*-test was used for the significance; *** $p < .001$, ** $p < .01$, * $p < .05$, † $p < .10$, (ns) $p > .10$. SWLS = satisfaction with life

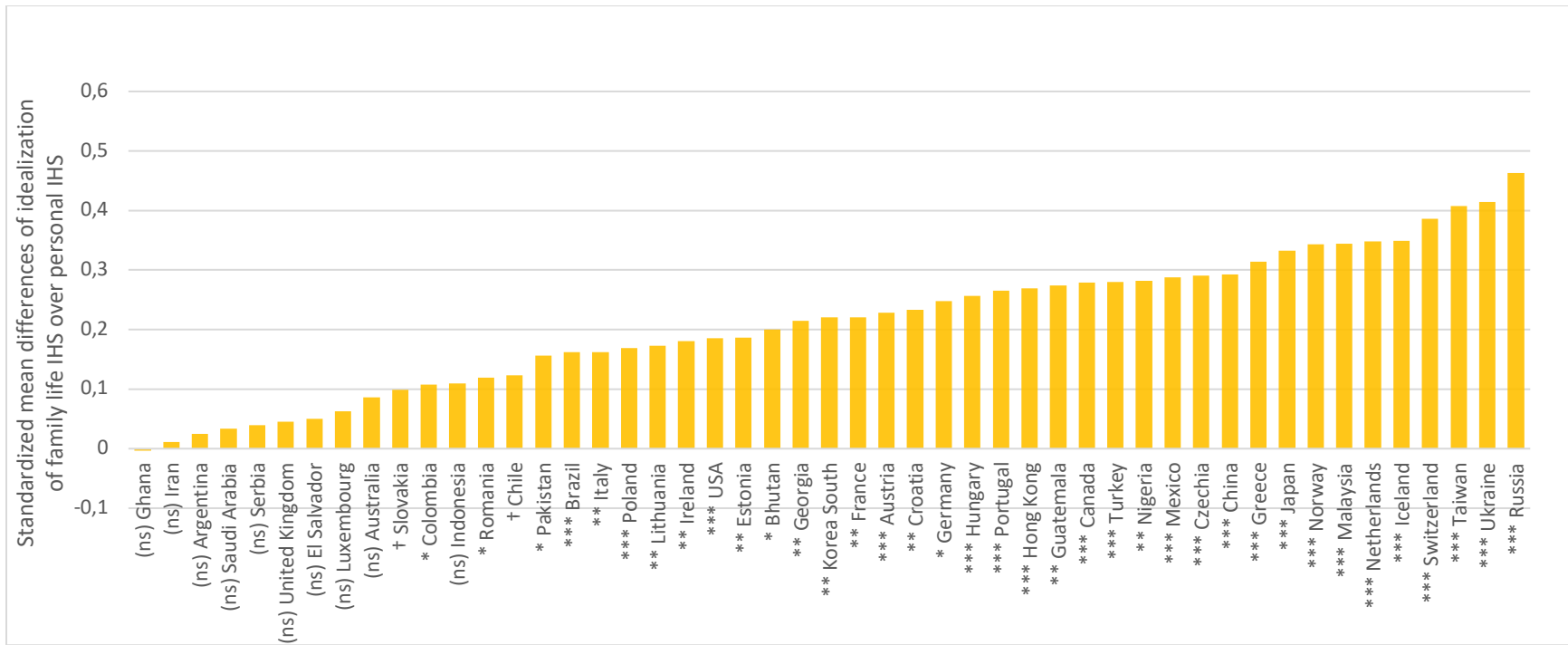


Figure 2. Family happiness is idealized over personal happiness in the majority of countries using IHS as the outcome variable (with the difference reaching the level of statistical significance in countries marked with one or more asterisks). The height of the bar illustrates the effect size - Cohen's *d* (standardized mean difference between ideal level of family happiness and ideal level of personal happiness); paired sample *t*-test was used for the significance; *** $p < .001$, ** $p < .01$, * $p < .05$, † $p < .10$, (ns) $p > .10$. IHS = independent happiness.