

## DAFTAR PUSTAKA

- Agustiani, Hendriati, 2009. Psikologi Perkembangan (pendekatan Ekologi Kaitanya Dengan Konsep Diri Dan Penyesuaian Diri Pada Remaja). Edisi Kedua. Bandung: PT Refika Aditama.
- Ahangar, K., Jhari, R., Yacoob, S.N. & Talib, M.A. (2014). Moderating Effect of Gender Role on the Association between Conflict Resolution and Marital Satisfaction of Iranian Married Student. *International Journal of Humanities Social Sciences and Education (IJHSSE)*, 1(12), 141-146.
- Alder, M. C., Yorgason, J. B., Sandberg, J. G., & Davis, S. (2017). Perceptions of parents' marriage predicting marital satisfaction: The moderating role of attachment behaviors. *Journal of Couple and Relationship Therapy*, 17(2), 146-164. Doi: <https://doi.org/10.1080/15332691.2017.1372834>.
- Allender, J. A., Warner, K. D., & Rector, C. (2014). *Community and public health nursing: promoting the public's health* (8th ed.). Wolters Kluwer.
- Ali, F., & Saleem, N. (2022). Relationship Between Conflict Resolution Styles and Marital Satisfaction Among Married Academicians. *Gomal University Journal of Research*, 38(03), 300–318. <https://doi.org/10.51380/gujr-38-03-05>
- Allendorf, K., & Ghimire, D. J. (2013). Determinants of marital quality in an arranged marriage society. *Social Science Research*, 42(1), 59–70. <https://doi.org/10.1016/j.ssresearch.2012.09.002>
- American Psychiatric Association. (2013). *The Diagnostic and Statistical Manual of Mental Disorder*, 5th Edition (DSM-V). United States
- Askari, M., Noah, S.B.M., Hassan, S.A.B. & Baba, M.B. (2012). Comparison the Effect of Communication and Conflict Resolution Skills Training on Marital Satisfaction. *International Journal of Psychological Studies*, 4(1), 182-195
- Ayub, N., & Iqbal, S. (2012). The factors predicting marital satisfaction: A gender difference in Pakistan. *The International Journal of Interdisciplinary Social Science*, 6(7), 63-73. Doi: 10.18848/1833-1882/CGP/v06i07/52112.
- Badan Pusat Statistik. (2023). *Nikah, Talak dan Cerai, serta Rujuk*. Retrieved from <https://www.bps.go.id/>
- Bano, Z., Rani, S., & Leghari, N. U. (2019). Parenting styles as determinants of conflict management and anxiety among adolescents. *ISRA Medical Journal*, 11(2), 86-90.

- Bao, Y., Zhu, F., Hu, Y., & Cu, N. (2016). The research of interpersonal conflict and solution strategies. *Psychology*, 7, 541-545.
- Boer, J. (2016). Value Priorities and Relationship Functioning: Whether and How They Matter (Thesis). Retrieved from <https://dspace.library.uu.nl/bitstream/handle/1874/335127/Boer,%20J.pdf?sequence=1>.
- Bonache, H., Ramírez-Santana, G., & Gonzalez-Mendez, R. (2016). Conflict resolution styles and teen dating violence. *International Journal of Clinical and Health Psychology*, 16(3), 276–286. <https://doi.org/10.1016/j.ijchp.2016.03.003>
- Bruening, J. E., & Dixon, M. A. (2007). Work-Family Conflict in Coaching II: Managing Role Conflict. In *Journal of Sport Management* (Vol. 21).
- Casalino, L.P & Crosson, F. J. (2015). Physician satisfaction and physician well being: should anyone care?. *Journal of HIOA*
- Cathurangi, T. D. N., & Padmasiri, W. D. T. (2015). Exploring the predictive power of personal demographic factors on conflict management styles: A study of bank employees in the western province in Sri Lanka. *Proceedings of the HR Conference*, 1(1), 20-34
- Cecilia Kwok. 2021. Depression, Stress, and Perceived Medical Errors in Singapore Psychiatry Residents. *Academic Psychiatry* (2021) 45:169–17
- Claxton, A., O'Rourke, N., Smith, J. Z., & DeLongis, A. (2012). Personality traits and marital satisfaction within enduring relationships: An intra-couple discrepancy approach. *Journal of Social and Personal Relationships*, 29(3), 375-396. doi: <https://doi.org/10.1177/0265407511431183>
- Demir F, Pinar AY, Erbas M, Ozdil M, Yasar E. 2007. The prevalence of depression and its associated factors among resident doctors working in a training hospital in Istanbul. *Turk Psikiyatri Dergisi* 2007;18:1-6.
- Dillon, L. M., and Beechler, M. P. (2010). Marital satisfaction and the impact of children in collectivist cultures: A meta-analysis. *Journal of Evolutionary Psychology*, 8, 7- 22
- Dowlatabadi, Saadat & Jahangiri. (2013). The Relationship Between Religious Attitudes and Marital Satisfaction Among Married Personnel of Departments of Education in Rasht City, Iran. *International Journal Of Advanced Studies in Humanities and Soscial Scients*, 16. 608-615.

- Elwahab, S. A. & Doherty, E. 2014. What about doctors? The impact of medical errors. *The Surgeon*, 12 (6), 297-300.
- Erikson E.H., 1963. *Childhood and Society*, 2<sup>nd</sup> ed., (pp. 247-274. New York: W. W. Norton.
- Fakher, N. K. (2018). Cultural values and marital satisfaction: Do collectivism and gender role orientation affect marital satisfaction among Palestinian couples?. *The International Journal of Indian Psychology*, 6(2), 75-97. Doi: 10.25215/0602.009
- Fincham, F.D., Beach, S.R.H., & Davila, J. 2007. Longitudinal relations between forgiveness and conflict resolution in marriage. *Journal of Family Psychology*, 21[3], 542-545
- Fincham, F.D., Hall, J. H., & Beach, S. R. 2006. Forgiveness in marriage: current status and future directions. *Family Relations*, 55, 415-427
- Firdaus. 2021. *Metodologi penelitian kuantitatif dilengkapi analisis regresi ibm spss statistic versi 26*. DOTPLUS Publisher.
- Fitria, Y., Muhdi, N. 2017. Hubungan Antara Konflik Peran Ganda dengan Psychological Well-Being pada Dokter Perempuan Berkeluarga yang Menjalani Program Pendidikan Dokter Spesialis-1 di RSUD Dr. Soetomo Surabaya. *Jurnal Psikiatri*. <https://e-journal.unair.ac.id/JPS/issue/view/1310>
- Fowers, B.J., & Olson, D. H. (1993). ENRICH Marital Satisfaction Scale: A Brief Research and Clinical Tool. *Journal of Family Psychology*. 7. (2). 176-185.
- Gameren, I. (2016). *On the Role of Basic Human Values in Romantic Relationships* (Thesis). Retrieved from <https://dspace.library.uu.nl/bitstream/handle/1874/341746/Gameren%20%20I.pdf?sequence=1&isAllowed=y>.
- Ghiurca, Mv & Vintila M. 2019. The relationship between forgiveness and marital satisfaction within couples. *Social research reports – volume 11, issue 1 - march 2019*.
- Gordon, K.C., Hughes, F.M., Tomcik, N.D, Dixon, L.J., & Litzinger, S.C. 2009. Widening spheres of impact :Forgiveness in Marriage: the role of relationship the role of forgiveness in marital and family functioning. *J. family Psychol.*, 23[1]: 1-13.
- Guo, B., & Huang, J. (2005). Marital and sexual satisfaction in Chinese families: Exploring the Moderating Effects. *Journal of Sex and Marital Therapy*, 31(1), 21-29. <http://dx.doi.org/10.1080/00926230590475224>.

- Hamid, h.z., 1976, *Pokok-pokok hukum perkawinan islam dan undang-undang perkawinan di Indonesia*, Penerbit Binacipta, Yogyakarta.
- Handayani, Y. (2016). Komitmen, Conflict Resolution, dan Kepuasan Perkawinan pada Istri yang Menjalani Hubungan Jarak Jauh
- Hasani, N., Asgari, A., & Pourshafei, H. (2016). Assessing spiritual intelligence and its role in predicting conflict management styles. *International Journal of Humanities and Cultural Studies*, 3(1), 488-502.
- Herawati, T., Kumalasari, B., Musthofa, Tyas, F. P. S. (2018). Dukungan sosial, interaksi keluarga, dan kualitas perkawinan pada keluarga suami istri bekerja. *Jurnal Ilmu Keluarga & Konsumen*, 11(1), 1-12. doi: 10.24156/jikk.2018.11.1.1.
- Hofstede, G. (2001). *Culture's consequences: Comparing values, behaviors, institutions and organizations across nations*. California: Sage Publication.
- home: Dual-buffering effects in the work-family conflict process.  
<https://doi.org/10.1016/J.OBHDP.2018.02.001>
- Hughes EG, da Silva AM. A pilot study assessing art therapy as a mental health intervention for subfertile women. *Hum Reprod*. 2011;deq385.
- Idelkhani, S. (2016). A comparative study of forgiveness, marital satisfaction, and importance of marital characteristics in Tehrani and Non-Tehrani couples residing in Tehran. *International Journal Of Humanities And Cultural Studies*, volume (no), 1265-1280
- Igbo, H. I., Awopetu, R. G., & Ekoja, O. C. (2015). Relationship between duration of marriage, personality trait, gender and conflict resolution strategies of spouses. *Social and Behavioral Sciences*, 190, 490-496.
- Ikatan Dokter Indonesia. 2012. *Kode Etik Kedokteran Indonesia*. Jakarta: MKEK Pusat
- Jenny, Siti. 2018. The Phenomenon of Marriage Couples with Long-Distance Relationship. Vol.34 No 1st (June) 2018 pp. 121-129
- Jex, S. M., & Britt, T. W. (2008). *Organizational psychology: A scientist practitioner approach*. New Jersey: John Wiley & Sons, Inc.
- Kaakinen, J. R., Coehlo, D. P., Steele, R., & Robinson, M. (2018). *Family health care nursing: theory, practice, and research* (6th ed.). F.A. Davis Company.
- Keizer, R. (2014). Relationship Satisfaction. In: Michalos A. C. (eds) *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht.

- Keizer, R., & Komter, A. (2015). Are “equals” happier than “less equals”? A couple analysis of similarity and well-being. *Journal of Marriage and Family*, 77(4). doi: 10.1111/jomf.12194.
- Khalatbari, J., Ghorbanshiroudi, S., Azari, K. N., Bazleh, N., Safaryazdi, N. (2013). The relationship between marital satisfaction (based on religious criteria) and emotional stability. *Procedia - Social and Behavioral Sciences*. 84. 896 - 873. doi:10.1016/j.sbspro.2013.06.664
- Komarraju, M., Dollinger, S., & Lovell, J. (2008). Individualism-collectivism in horizontal and vertical directions as predictors of conflict management styles. *International Journal of Conflict Management*, 19(1), 20-35. Doi:<https://doi.org/10.1108/10444060810849164>.
- Kurdek, L. A.(1994). Conflict resolution styles in gay, lesbian, heterosexual nonparent, and heterosexual parent couples. *Journal of Marriage and the Family*, 56 (3), 705- 722, doi: 10.2307/35288.
- Kurdek, L. A. (1999). The nature and predictors of the trajectory of change in marital quality for husbands and wives over the first 10 years of marriage. *Developmental Psychology*, 35(5), 1283–1296. <https://doi.org/10.1037/0012-1649.35.5.1283>
- Lavalekar, A., Kulkarni, P., & Jagtap, P. (2010). Emotional intelligence and marital satisfaction. *Journal of Psychosocial Research*, 5(2), 185-194.
- Lavner, J. A., & Bradbury, T. N. (2010). Patterns of change in newlyweds’ marital satisfaction. *Journal of Marriage and Family*, 72, 1171–1187. doi:10.1111/j.1741- 3737.2010.00757.
- Lavner, J. A., Karney, B. R., & Bradbury, T. N. (2016). Does couples’ communication predict marital satisfaction or does marital satisfaction predict communication? *Journal of Marriage and Family*, 78(3), 680-694. doi: <https://doi.org/10.1111/jomf.12301>.
- Lee, W.-S., & McKinnish, T. (2017). The marital satisfaction of differently aged couples. *Journal of Population Economics*, 31(2), 337–362. doi:10.1007/s00148-017-0658-8
- Leikas, S., Ilmarinen, V., Verkasalo, M., & Vartiainen, H. (2018). Relationship satisfaction and similarity of personality traits, personal values, and attitudes. Pages 191-198. <https://doi.org/10.1016/j.paid.2017.11.024>
- Li, T., & Fung, H. 2011. The dynamic goal of theory of marital satisfaction. *Review of General Psychology*, 15(3), 246-254

- Lichter, D. T., & Carmalt, J. H. (2009). Religion and marital quality among low-income couples. *Social Science Research*, 38, 168-187. Doi: 10.1016/j.ssresearch.2008.07.00
- Lin, D. T., Liebert, C. A., Esquivel, M. M., Tran, J., Lau, J. N., Greco, R. S., Salles, A. (2017). Prevalence and predictors of depression among general surgery residents. *The American Journal of Surgery*, 313-317. doi:10.1016/j.amjsurg.2016.10.017
- Mardiyan, R., & Kustanti, E. R. (2016). Kepuasan Pernikahan pada Pasangan yang Belum Memiliki Keturunan. *Jurnal Empati*, 5(3), 558–565.
- Mata DA, Ramos MA, Bansal N, et al. Prevalence of depression and depressive symptoms among resident physicians: a systematic review and meta-analysis. *JAMA*. 2015;314:2373–83
- Mirahmadizadeh A, Nakhai A, Tabatabai S & Shafieian R (2003). Marital satisfaction and related determining effectual factors in Shiraz. *J. Psychiatry Clin. Psychol.*, 8: 56-63.
- Mirecki, R. M., Chou, J. L., Elliott, M., & Schneider, C. M. 2016. What factors influence marital satisfaction? Differences between first and second marriages. *Journal of Divorce and Remarriage*, 54(1), 78-93. doi: <https://doi.org/10.1080/10502556.2012.74383>
- Monteiro, N. M., & Balogun, S. K. (2015). Psychosocial predictors of relationship conflict styles as mediated by emotional intelligence: A study of Botswana adults. *SAGE Open*, 1-11. doi: 10.1177/2158244015587558.
- Muhid A., Elsa P, Muarofa L. 2019. Resolusi Konflik dan Kepuasan Pernikahan: Analisis Perbandingan Berdasarkan Aspek Demografi. *Media Psi*. Vol. 5, No. 1, 49-61
- Murdiani, S., Agustiani, H. 2015. Marital conflict resolutions and influencing factors (studies in married women in Makassar). *International Conference on Science, Technology and Humanity*, 244-249.
- Olson, D. H., & Olson, A. K. (2000). Empowering couples: PREPARE/ENRICH Program. *Marriage & Family: A Christian Journal*, 3(1), 69–81.
- Omani samani, R., Maroufizadeh, S., Ghaheri, A., Amini, P., & Navid, B. (2018). Reliability and validity of the Kansas Marital Satisfaction Scale (KMSS) in infertile people. *Middle East Fertility Society Journal*, 23(2), 154–157. <https://doi.org/10.1016/j.mefs.2017.10.005>



- Orenstein, G. A., & Lewis, L. (2023). Eriksons Stages of Psychosocial Development. In StatPearls. StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK556096/>
- Oxtoby, K. (2016). Doctors' own mental health issues. *BMJ*, 352. doi:10.1136/bmj.i1238.
- Peisah C & Lele K. 2022. Intimate Relationships Among Physicians—A Critical Revisit. *Journal of Psychosexual Health* 4(3) 157–161, 2022. SAGE.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 9 Tahun 2013 Tentang Penugasan Khusus Tenaga Kesehatan.
- Perlman RL, Ross PT, Lypson ML. Understanding the medical marriage: physicians and their partners share strategies for success. *Acad Med*. 2015 Jan;90(1):63-8. doi: 10.1097/ACM.0000000000000449.
- Pietromonaco, P. R., Uchino, B., & Dunkel, S. C. (2013). Close relationship processes and health: implications of attachment theory for health and disease. *Health Psychology*, 32i(5), 499.
- Pluut, H., Ilies, R., Curşeu, P. L., & Liu, Y. (2018). Social support at work and at home: Dual-buffering effects in the work-family conflict process. *Organizational Behavior and Human Decision Processes*, 146, 1–13. <https://doi.org/10.1016/J.OBHDP.2018.02.001>
- Prasetya, B. E. A. (2007). Usia kronologis dan usia pernikahan sebagai prediktor kepuasan pernikahan pada kaum istri di metro manila. *Jurnal Psikologi Indonesia*, 22, 101–107
- Rasyida S. 2020. Conflict Resolution Styles and Marital Satisfaction In Men And Women: Study In The First 5 Years of Marriage. <https://lib.ui.ac.id>
- Renanita, T., & Setiawan, J.L. (2018). Marital Satisfaction in Terms of Communication, Conflict Resolution, Sexual Intimacy, and Financial Relations among Working and Non-Working Wives. *Makara Human Behavior Studies In Asia*, 22(1), 12-21. DOI:10.7454/hubs.asia.1190318
- Rilianda. 2022. Kepuasan komunikasi pasangan sebagai variabel mediator pada pengaruh manajemen konflik terhadap kepuasan perkawinan. Tesis.
- Rohmah, Igga, Sohat. 2020. Effective Communication Training to Improve the Satisfaction of Wedding Marriage / Long Distance Marriage (LDM) Review Marriage Commitments from Marriage Commitmen. *International Journal of*

Multicultural and Multireligious Understanding. ISSN 2364-5369 Volume 7,  
Issue 8 September, 2020 Pages: 459-465

Rosta, J., Aasland, O. G., and Nylenna, M. 2014. Changes in subjective well being among Norwegian doctors from 2002 to 2012: a longitudinal study based on national samples. *European Journal of Public Health*, 24.

Rostami, A. M., & Gol, H. C. 2014. Prediction of marital satisfaction based on spiritual intelligence. *Procedia - Social and Behavioral Sciences*, 116, 2573-2577. doi: <https://doi.org/10.1016/j.sbspro.2014.01.613>.

Saputri S. 2020. Gaya Resolusi Konflik dan Kepuasan Pernikahan pada Wanita yang Menikah Muda. *Psikoborneo Jurnal Ilmiah Psikologi* Volume 8 No 3 | June 2020: 361-374 DOI: 10.30872/psikoborneo

Sastroasmoro, S., & Ismael, S. 2018. *Dasar-Dasar Metodologi Penelitian Klinis*. Edisi ke-5. Cetakan ke-3. Jakarta: Sagung Seto.

Schwartz, S. H. 2012. An overview of the schwartz theory of basic values. *Online Readings in Psychology and Culture*, 2(1). doi: <https://doi.org/10.9707/2307-0919.1116>.

Schramm, D. G., & Harris, V. W. (2011). Marital quality and income: An examination of the influence of government assistance. *Journal of Family and Economic Issues*, 32(3), 437–448. <https://doi.org/10.1007/s10834-010-9212-5>

Soewadi. 1992. Kajian terhadap faktor risiko dan intervensi psikiatrik sebagai Upaya pencegahan perceraian pada populasi islam dengan gangguan cemas di daerah istimewa Yogyakarta. Disertasi.

Sorokowski, P., Randall, A. K., Groyecka, A., Frackowiak, T., Cantarero, K., Hilpert, P., Sorokowska, A. 2017. Marital satisfaction, sex, age, marriage duration, religion, number of children, economic status, education, and collectivistic values: Data from 33 countries. *Frontiers of Psychology*, 8, 1199. doi:10.3389/fpsyg.2017.01199

Stanca L. 2012. Suffer the little children: Measuring the effects of parenthood on well-being worldwide. Volume 81, Issue 3, March 2012, Pages 742-750. <https://doi.org/10.1016/j.jebo.2010.12.019>.

Stevenson, B., & Wolfers, J. (2009). The paradox of declining female happiness. Working Paper 14969, National Bureau of Economic Research, Cambridge, MA. Diakses pada Maret 2020 dari <http://www.nber.org/papers/w14969>



- Strong, B., & Cohen, T. (2011). *The Marriage and Family Experience: Intimate Relationship in a Changing Society, 12th Edition*. Boston, MA: Cengage Learning.
- Stinson, M. A., Bermudez, J. M., Gale, J., Lewis, D., Meyer, A. S., & Templeton, B. (2017). Marital satisfaction, conflict resolution styles, and religious attendance among latino couples: Using the actor-partner interdependence model. *The Family Journal*, 25(3). 215-223.
- Sunarti, E., Atat, S. N., Noorhaisma, R., Lembayung, D. P. (2005). Pengaruh tekanan ekonomi keluarga, dukungan sosial, kualitas perkawinan, pengasuhan, dan kecerdasan emosi anak terhadap prestasi belajar anak. *Media Gizi & Keluarga*, 29(1), 34-40.
- Tavakol, Z., Nasrabadi, A. N., Moghadam, Z. B., Salehiniya, H., & Rezaei, E. (2017). A review of the factors associated with marital satisfaction. *Galen Medical Journal*, 6(3), 197–207. doi: 10.22086/gmj.v0i0.641
- The Accreditation Council for Graduate Medical Education, 2011. The ACGME 2011. Duty Hour Standards: Enhancing Quality of Care, Supervision, and Resident Professional Development, The members of the ACGME Task Force on Quality Care and Professionalism.
- Twenge, J. M., Campbell, W. K., & Foster, C. A. (2003). Parenthood and marital satisfaction: A meta-analytic review. *Journal of Marriage and Family*, 65, 574-583. Doi:10.1111/j.1741 3737.2003.00574.
- Tyssen R, Vaglum P. Mental health problems among young doctors: an updated review of prospective studies. *Harvard Rev Psychiatry*. 2002;10:154–65
- Utomo, A. J. (2015). Women as equal partners and secondary earners: Gendered expectations on career and family formation in modern Indonesia, presented at 12th Biennial Conference of the Australian Population Association, Canberra, 15-17 September 2004. Canberra: Australian Population Association
- Verstaen, A., Haase, C. M., Lwi, S. J., & Levenson, R. W. (2020). Age-related changes in emotional behavior: Evidence from a 13-year longitudinal study of long-term married couples. *Emotion*, 20(2), 149–163. <https://doi.org/10.1037/emo0000551>
- Wagner, A., Mosmann, C. P., Sheeren, P., Levandowski, D. C. (2019). Conflict, conflict resolution and marital quality. *Paidéia*, 29, 1-9.
- Wekhian, J. A. (2015). Conflict behaviors: Religiosity, culture, and gender as predictors for conflict management styles among first and second generation

Arab muslim immigrants in the United States. Dissertations, Theses and Capstone Projects. Paper 665.

Wendorf, C. A., Lucas, T., Imamoglu, E. O., Weisfeld, C. C., & Weisfeld, G. E. (2011). Marital satisfaction across three cultures: Does the number of children have an impact after accounting for other marital demographics? *Journal of Cross-Cultural Psychology*, 42(3), 340-354. Doi: 10.1177/0022022110362637.

Wijeratne, C., Johnco, C., Draper, B., & Earl, J. (2021). Doctors' reporting of mental health stigma and barriers to help-seeking. *Occupational Medicine*, 366-374. doi:10.1093/occmed/kqab119

William J, Brian T, Peter K, Alejandro M, 2022. The neurosurgical marriage: evaluating the interplay of work life and home life from the perspective of partners of neurosurgical residents. *J Neurosurg.* 2022 Sep 9;138(4):1139-1146. doi: 10.3171/2022.7.JNS221493.

Williams, B. K., Sawyer, S. C., & Wahlstrom, C. M. (2006). *Marriages, families, & intimate relationships*. New York: Pearson.

Wood, V., & Bell, P. A. (2008). Predicting interpersonal conflict resolution styles from personality characteristics. *Personality and Individual Differences*, 45(2), 126-131.

Xu, H., Zhang, W., Gu, Z., Sa, Z., Zhang, X., & Tian, D. 2014. Aging village doctors in five counties in rural China: situation and implications. *Hum. Resource Health*, 12(36)

Zainah, A. Z., Nasir, R., Hashim, R. S., & Yusof, N. M. 2012. Effects of demographic variables on marital satisfaction. *Asian Social Science*, 8(9), 46-49

Zhu, X., Wang, K., Chen, L., Cao, A., Chen, Q., Li, J., & Qiu, J. 2018. Together means more happiness: relationship status moderates the association between brain structure and life satisfaction. *Neuroscience*, 384, 406–416

Zoorob, D. et al. 2021 'Insight into resident burnout, mental wellness, and coping mechanisms early in the COVID-19 pandemic', *PLoS ONE*, 16(4 April), pp. 1–9. doi: 10.1371/journal.pone.0250104