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DAFTAR PUSTAKA

American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders* (5th ed.). https://doi.org/10.1176/appi.books.9780890425596

Andersson, H., Aspeqvist, E., Dahlström, Ö., Svedin, C. G., Jonsson, L. S., Landberg, Å., & Zetterqvist, M. (2022). Emotional dysregulation and trauma symptoms mediate the relationship between childhood abuse and nonsuicidal self-injury in adolescents. *Frontiers in Psychiatry, 13*, Article 897081. https://doi.org/10.3389/fpsyt.2022.897081

Bollen, K. A., & Lennox, R. (1991). Conventional wisdom on measurement: A structural equation perspective. *Psychological Bulletin, 110*(2), 305–314. https://doi.org/10.1037/0033-2909.110.2.305

Chapman, A. L., Gratz, K. L., & Brown, M. Z. (2006). Solving the puzzle of deliberate self-harm: The experiential avoidance model. *Behaviour Research and Therapy, 44*(3), 371–394. https://doi.org/10.1016/j.brat.2005.03.005

Chen, Z., Li, J., Liu, J., & Liu, X. (2022). Adverse childhood experiences, recent negative life events, and non-suicidal self-injury among Chinese college students: The protective role of self-efficacy. *Child and Adolescent Psychiatry and Mental Health, 16*, Article 97. https://doi.org/10.1186/s13034-022-00535-1

Collings, S. J., & Valjee, S. R. (2024). A multi-mediation analysis of the association between adverse childhood experiences and non-suicidal self-injury among South African adolescents. *International Journal of Environmental Research and Public Health, 21*(9), Article 1221. https://doi.org/10.3390/ijerph21091221

Danasasmita, F. S., Pandia, V., Fitriana, E., Afriandi, I., Purba, F. D., Ichsan, A., Pradana, K., Santoso, A. H. S., Mardhiyah, F. S., & Engellia, R. (2024). Validity and reliability of the Difficulties in Emotion Regulation Scale Short Form in Indonesian non-clinical population. *Frontiers in Psychiatry, 15*, Article 1380354. https://doi.org/10.3389/fpsyt.2024.1380354

Elshaikh, U., Hassan, D. A., Daher-Nashif, S., Khaled, S. M., & Abdul Rahim, H. F. (2026). Adverse childhood experiences (ACEs) measurement tools among children and adolescents in the Arab world: A scoping review. *BMC Public Health, 26*, Article 691. https://doi.org/10.1186/s12889-026-26312-9

Elvina, N. (2021). *Peran koping religius dalam memoderasi hubungan antara stres dan perilaku non-suicidal self-injury (NSSI)* [Unpublished master's thesis]. Universitas Indonesia.

Ettekal, I., Eiden, R. D., Nickerson, A. B., & Schuetze, P. (2019). Comparing alternative methods of measuring cumulative risk based on multiple risk indicators: Are there differential effects on children's externalizing problems?. *PLOS ONE, 14*(7), Article e0219134. https://doi.org/10.1371/journal.pone.0219134

Evans, G. W., Li, D., & Whipple, S. S. (2013). Cumulative risk and child development. *Psychological Bulletin, 139*(6), 1342–1396. https://doi.org/10.1037/a0031808

Glassman, L. H., Weierich, M. R., Hooley, J. M., Deliberto, T. L., & Nock, M. K. (2007). Child maltreatment, non-suicidal self-injury, and the mediating role of self-criticism. *Behaviour Research and Therapy, 45*(10), 2483–2490. https://doi.org/10.1016/j.brat.2007.04.002

Gratz, K. L., & Roemer, L. (2004). Multidimensional assessment of emotion regulation and dysregulation: Development, factor structure, and initial validation of the Difficulties in Emotion Regulation Scale. *Journal of Psychopathology and*

UNIVERSITAS GADJAH MADA
PERAN DISREGULASI EMOSI SEBAGAI MEDIATOR DALAM HUBUNGAN ANTARA ADVERSE CHILDHOOD EXPERIENCES DAN FUNGSI PENGUATAN INTRAPERSONAL NEGATIF DALAM NONSUICIDAL SELF-INJURY PADA MAHASISWA
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Behavioral Assessment, 26(1), 41–54. https://doi.org/10.1023/B:JOBA.0000007455.08539.94

Gruhn, M. A., & Compas, B. E. (2020). Effects of maltreatment on coping and emotion regulation in childhood and adolescence: A meta-analytic review. *Child Abuse & Neglect, 103*, Article 104446. https://doi.org/10.1016/j.chiabu.2020.104446

Gunzler, D., Chen, T., Wu, P., & Zhang, H. (2013). Introduction to mediation analysis with structural equation modeling. *Shanghai Archives of Psychiatry, 25*(6), 390–394. https://doi.org/10.3969/j.issn.1002-0829.2013.06.009

Hamza, C. A., & Willoughby, T. (2016). Nonsuicidal self-injury and suicidal risk among emerging adults. *Journal of Adolescent Health, 59*(4), 411–415. https://doi.org/10.1016/j.jadohealth.2016.05.019

Hidayati, F., Fanani, M., & Mulyani, S. (2023). Prevalence and help-seeking behaviour for non-suicidal self-injury in college students. *Journal of Public Health and Development, 21*(2), 223–240. https://doi.org/10.55131/jphd/2023/210219

Hu, C., Huang, J., Shang, Y., Huang, T., Jiang, W., & Yuan, Y. (2023). Child maltreatment exposure and adolescent nonsuicidal self-injury: The mediating roles of difficulty in emotion regulation and depressive symptoms. *Child and Adolescent Psychiatry and Mental Health, 17*, Article 16. https://doi.org/10.1186/s13034-023-00557-3

Kaess, M., Parzer, P., Mattern, M., Plener, P. L., Bifulco, A., Resch, F., & Brunner, R. (2013). Adverse childhood experiences and their impact on frequency, severity, and the individual function of nonsuicidal self-injury in youth. *Psychiatry Research, 206*(2–3), 265–272. https://doi.org/10.1016/j.psychres.2012.10.012

Kaplan, R. M., & Saccuzzo, D. P. (2009). *Psychological testing: Principles, applications, and issues* (7th ed.). Wadsworth Cengage Learning.

Kaufman, E. A., Xia, M., Fosco, G., Yaptangco, M., Skidmore, C. R., & Crowell, S. E. (2016). The Difficulties in Emotion Regulation Scale Short Form (DERS-SF): Validation and replication in adolescent and adult samples. *Journal of Psychopathology and Behavioral Assessment, 38*(3), 443–455. https://doi.org/10.1007/s10862-015-9529-3

Ke, J., Wu, J., Zhao, W., Wang, Y., Zhang, Z., Tong, Q., Guo, Z., Wen, Y., Li, N., Yu, F., Xie, S., Zhu, C., Wang, K., & Zhang, L. (2024). Childhood maltreatment and engaging in NSSI for automatic-negative reinforcement: The mediating role of alexithymia and moderating role of help-seeking attitudes. *Journal of Affective Disorders, 350*, 295–303. https://doi.org/10.1016/j.jad.2024.01.068

Kidman, R., Smith, D., Piccolo, L. R., & Kohler, H.-P. (2019). Psychometric evaluation of the Adverse Childhood Experience International Questionnaire (ACE-IQ) in Malawian adolescents. *Child Abuse & Neglect, 92*, 139–145. https://doi.org/10.1016/j.chiabu.2019.03.015

Kiekens, G., Claes, L., Demyttenaere, K., Auerbach, R. P., Green, J. G., Kessler, R. C., Mortier, P., Nock, M. K., & Bruffaerts, R. (2016). Lifetime and 12-month nonsuicidal self-injury and academic performance in college freshmen. *Suicide and Life-Threatening Behavior, 46*(5), 563–576. https://doi.org/10.1111/sltb.12237

Kiekens, G., Claes, L., Hasking, P., Mortier, P., Bootsma, E., Boyes, M., Myin-Germeys, I., Demyttenaere, K., Cuijpers, P., Kessler, R. C., Nock, M. K., & Bruffaerts, R. (2023). A longitudinal investigation of non-suicidal self-injury persistence patterns, risk factors, and clinical outcomes during the college period. *Psychological Medicine, 53*(13), 6011–6026. https://doi.org/10.1017/S0033291722003178

Kiekens, G., Hasking, P., Boyes, M., Claes, L., Mortier, P., Auerbach, R. P., Cuijpers, P., Demyttenaere, K., Green, J. G., Kessler, R. C., Myin-Germeys, I., Nock, M. K., & Bruffaerts, R. (2018). The associations between non-suicidal self-injury and first

UNIVERSITAS GADJAH MADA
PERAN DISREGULASI EMOSI SEBAGAI MEDIATOR DALAM HUBUNGAN ANTARA ADVERSE CHILDHOOD EXPERIENCES DAN FUNGSI PENGUATAN INTRAPERSONAL NEGATIF DALAM NONSUICIDAL SELF-INJURY PADA MAHASISWA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

onset suicidal thoughts and behaviors. *Journal of Affective Disorders, 239*, 171–179. https://doi.org/10.1016/j.jad.2018.06.033

Kline, R. B. (2016). *Principles and practice of structural equation modeling* (4th ed.). Guilford Press.

Klonsky, E. D. (2007). The functions of deliberate self-injury: A review of the evidence. *Clinical Psychology Review, 27*(2), 226–239. https://doi.org/10.1016/j.cpr.2006.08.002

Klonsky, E. D. (2009). The functions of self-injury in young adults who cut themselves: Clarifying the evidence for affect-regulation. *Psychiatry Research, 166*(2–3), 260–268. https://doi.org/10.1016/j.psychres.2008.02.008

Lang, C. M., & Sharma-Patel, K. (2011). The relation between childhood maltreatment and self-injury: A review of the literature on conceptualization and intervention. *Trauma, Violence, & Abuse, 12*(1), 23–37. https://doi.org/10.1177/1524838010386975

Li, C.-H. (2016). Confirmatory factor analysis with ordinal data: Comparing robust maximum likelihood and diagonally weighted least squares. *Behavior Research Methods, 48*(3), 936–949. https://doi.org/10.3758/s13428-015-0619-7

Lloyd-Richardson, E. E., Perrine, N., Dierker, L., & Kelley, M. L. (2007). Characteristics and functions of non-suicidal self-injury in a community sample of adolescents. *Psychological Medicine, 37*(8), 1183–1192. https://doi.org/10.1017/S003329170700027X

Mardia, K. V. (1970). Measures of multivariate skewness and kurtosis with applications. *Biometrika, 57*(3), 519–530. https://doi.org/10.1093/biomet/57.3.519

Miu, A. C., Szentágotai-Tătar, A., Balázsi, R., Nechita, D., Bunea, I., & Pollak, S. D. (2022). Emotion regulation as mediator between childhood adversity and psychopathology: A meta-analysis. *Clinical Psychology Review, 93*, Article 102141. https://doi.org/10.1016/j.cpr.2022.102141

Monroe, S. M., & Simons, A. D. (1991). Diathesis-stress theories in the context of life stress research: Implications for the depressive disorders. *Psychological Bulletin, 110*(3), 406–425. https://doi.org/10.1037/0033-2909.110.3.406

Morris, A. S., Silk, J. S., Steinberg, L., Myers, S. S., & Robinson, L. R. (2007). The role of the family context in the development of emotion regulation. *Social Development, 16*(2), 361–388. https://doi.org/10.1111/j.1467-9507.2007.00389.x

Nock, M. K. (2009). Why do people hurt themselves? New insights into the nature and functions of self-injury. *Current Directions in Psychological Science, 18*(2), 78–83. https://doi.org/10.1111/j.1467-8721.2009.01613.x

Nock, M. K. (2010). Self-injury. *Annual Review of Clinical Psychology, 6*, 339–363. https://doi.org/10.1146/annurev.clinpsy.121208.131258

Nock, M. K., & Prinstein, M. J. (2004). A functional approach to the assessment of self-mutilative behavior. *Journal of Consulting and Clinical Psychology, 72*(5), 885–890. https://doi.org/10.1037/0022-006X.72.5.885

Nock, M. K., & Prinstein, M. J. (2005). Contextual features and behavioral functions of self-mutilation among adolescents. *Journal of Abnormal Psychology, 114*(1), 140–146. https://doi.org/10.1037/0021-843X.114.1.140

Nunnally, J. C., & Bernstein, I. H. (1994). *Psychometric theory* (3rd ed.). McGraw-Hill.

Octavia, S. (2022). *Peran tingkat impulsivitas dalam memediasi hubungan antara tingkat mindfulness dengan perilaku non-suicidal self-injury (NSSI) pada dewasa muda* [Unpublished master's thesis]. Universitas Indonesia.

Pace, C. S., Muzi, S., Rogier, G., Ballestracci, E., & Mazzola, G. (2024). The adverse childhood experiences—International questionnaire in clinical and at-risk samples

UNIVERSITAS GADJAH MADA
PERAN DISREGULASI EMOSI SEBAGAI MEDIATOR DALAM HUBUNGAN ANTARA ADVERSE CHILDHOOD EXPERIENCES DAN FUNGSI PENGUATAN INTRAPERSONAL NEGATIF DALAM NONSUICIDAL SELF-INJURY PADA MAHASISWA
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worldwide: A systematic review (part II). *Child Abuse Review, 33*(3), Article e2883. https://doi.org/10.1002/car.2883

Paley, B., & Hajal, N. J. (2022). Conceptualizing emotion regulation and coregulation as family-level phenomena. *Clinical Child and Family Psychology Review, 25*(1), 19–43. https://doi.org/10.1007/s10567-022-00378-4

Portney, L. G., & Watkins, M. P. (2009). *Foundations of clinical research: Applications to practice* (3rd ed.). Pearson/Prentice Hall.

Rahapsari, S., Puri, V. G. S., & Putri, A. K. (2021). An Indonesian adaptation of the World Health Organization Adverse Childhood Experiences International Questionnaire (WHO ACE-IQ) as a screening instrument for adults. *Gadjah Mada Journal of Psychology (GamaJoP), 7*(1), 115–130. https://doi.org/10.22146/gamajop.64996

Riska, A., Astuti, A. D., Shabrina, F. N., Elvina, N., & Pramestuti, N. A. (2019). *Makalah konstruksi alat ukur Non-Suicidal Self-Injury Function Scale (NSSI-FS)* [Unpublished manuscript]. Universitas Indonesia.

Salma, S., Kaloeti, D. V. S., Rahmandani, A., Sakti, H., & Suparno, S. (2019). Adverse childhood experiences and depression among Indonesian university students. *Indian Journal of Public Health Research & Development, 10*(3), 677–682. https://doi.org/10.5958/0976-5506.2019.00581.3

Santelices, M.-P., Velasco-Hodgson, M.-C., Ferreccio, C., Undurraga, C., & Carvajal-Araneda, K. (2025). The psychometric properties of the ACE-IQ questionnaire's binary and frequency scoring methods in a Chilean community sample. *Children, 12*(3), Article 340. https://doi.org/10.3390/children12030340

Schreiber, J. B., Nora, A., Stage, F. K., Barlow, E. A., & King, J. (2006). Reporting structural equation modeling and confirmatory factor analysis results: A review. *The Journal of Educational Research, 99*(6), 323–338. https://doi.org/10.3200/JOER.99.6.323-338

Schumacker, R. E., & Lomax, R. G. (2016). *A beginner's guide to structural equation modeling* (4th ed.). Routledge. https://doi.org/10.4324/9781315749105

Serafini, G., Canepa, G., Adavastro, G., Nebbia, J., Belvederi Murri, M., Erbuto, D., Pocai, B., Fiorillo, A., Pompili, M., Flouri, E., & Amore, M. (2017). The relationship between childhood maltreatment and non-suicidal self-injury: A systematic review. *Frontiers in Psychiatry, 8*, Article 149. https://doi.org/10.3389/fpsyt.2017.00149

Streiner, D. L. (2003). Being inconsistent about consistency: When coefficient alpha does and doesn't matter. *Journal of Personality Assessment, 80*(3), 217–222. https://doi.org/10.1207/S15327752JPA8003_01

Sugiyono. (2016). *Metode penelitian kuantitatif, kualitatif, dan R&D*. Alfabeta.

Swannell, S. V., Martin, G. E., Page, A., Hasking, P., Hazell, P., Taylor, A., & Protani, M. (2012). Child maltreatment, subsequent non-suicidal self-injury and the mediating roles of dissociation, alexithymia and self-blame. *Child Abuse & Neglect, 36*(7–8), 572–584. https://doi.org/10.1016/j.chiabu.2012.05.005

Taylor, P. J., Jomar, K., Dhingra, K., Forrester, R., Shahmalak, U., & Dickson, J. M. (2018). A meta-analysis of the prevalence of different functions of non-suicidal self-injury. *Journal of Affective Disorders, 227*, 759–769. https://doi.org/10.1016/j.jad.2017.11.073

Titelius, E. N., Cook, E., Spas, J., Orchowski, L., Kivisto, K., O'Brien, K., Frazier, E., Wolff, J. C., Dickstein, D. P., Kim, K. L., & Seymour, K. E. (2018). Emotion dysregulation mediates the relationship between child maltreatment and non-suicidal self-injury. *Journal of Aggression, Maltreatment & Trauma, 27*(3), 323–331. https://doi.org/10.1080/10926771.2017.1338814

UNIVERSITAS GADJAH MADA
PERAN DISREGULASI EMOSI SEBAGAI MEDIATOR DALAM HUBUNGAN ANTARA ADVERSE CHILDHOOD EXPERIENCES DAN FUNGSI PENGUATAN INTRAPERSONAL NEGATIF DALAM NONSUICIDAL SELF-INJURY PADA MAHASISWA
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Usmani, S. S., Mehendale, M., Shaikh, M. Y., Sudan, S., Guntipalli, P., Ouellette, L., Malik, A. S., Siddiqi, N., Walia, N., Shah, K., Saeed, F., De Berardis, D., & Shoib, S. (2024). Understanding the impact of adverse childhood experiences on non-suicidal self-injury in youth: A systematic review. *Alpha Psychiatry, 25*(2), 150–164. https://doi.org/10.5152/alphapsychiatry.2024.231139

Wolff, J. C., Thompson, E., Thomas, S. A., Nesi, J., Bettis, A. H., Ransford, B., Scopelliti, K., Frazier, E. A., & Liu, R. T. (2019). Emotion dysregulation and non-suicidal self-injury: A systematic review and meta-analysis. *European Psychiatry, 59*, 25–36. https://doi.org/10.1016/j.eurpsy.2019.03.004

Wong, S. L., & Chung, M. C. (2023). Child abuse and non-suicidal self-injury among Chinese university students: The role of emotion dysregulation and attachment style. *Current Psychology, 42*(6), 4862–4872. https://doi.org/10.1007/s12144-021-01832-2

World Health Organization. (2018). *Adverse Childhood Experiences International Questionnaire (ACE-IQ)* [Questionnaire]. https://www.who.int/publications/m/item/adverse-childhood-experiences-international-questionnaire-(ace-iq)

Xiao, Q., Song, X., Huang, L., Hou, D., & Huang, X. (2022). Global prevalence and characteristics of non-suicidal self-injury between 2010 and 2021 among a non-clinical sample of adolescents: A meta-analysis. *Frontiers in Psychiatry, 13*, Article 912441. https://doi.org/10.3389/fpsyt.2022.912441

Yates, T. M. (2004). The developmental psychopathology of self-injurious behavior: Compensatory regulation in posttraumatic adaptation. *Clinical Psychology Review, 24*(1), 35–74. https://doi.org/10.1016/j.cpr.2003.10.001

Yates, T. M. (2009). Developmental pathways from child maltreatment to nonsuicidal self-injury. In M. K. Nock (Ed.), *Understanding nonsuicidal self-injury: Origins, assessment, and treatment* (pp. 117–137). American Psychological Association. https://doi.org/10.1037/11875-007

Zhang, L., Wang, W., Chen, Y., Abudoula, A., Wang, X., Yuan, X., Luo, Y., Wu, M., & Ma, L. (2023). Adverse childhood experiences, unhealthy lifestyle, and nonsuicidal self-injury: Findings from six universities in Shaanxi province, China. *Frontiers in Public Health, 11*, Article 1199882. https://doi.org/10.3389/fpubh.2023.1199882