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**PENGARUH IKLIM KELAS TERHADAP *STUDENT ENGAGEMENT* DI
MTS. PERSIS TAROGONG GARUT**

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Program Studi Psikologi Fakultas Ilmu Pendidikan Universitas Pendidikan Indonesia*



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FAKULTAS ILMU PENDIDIKAN
UNIVERSITAS PENDIDIKAN INDONESIA
BANDUNG
2023**

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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar
Sarjana Psikologi di Program Studi Psikologi Fakultas Ilmu Pendidikan

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ABSTRAK

Inatsa Syarifatun Nisa (1801194). *Pengaruh Iklim Kelas terhadap Student Engagement di MTs. Persis Tarogong Garut. Skripsi.* Program Studi Psikologi, Fakultas Ilmu Pendidikan, Universitas Pendidikan Indonesia. Bandung. (2023).

Penelitian ini bertujuan untuk mengetahui pengaruh iklim kelas terhadap *student engagement* di MTs. Persis Tarogong Garut. Responden pada penelitian ini berjumlah 375 siswa MTs. Persis Tarogong pada jenjang kelas 7, 8, dan 9. Responden mengisi kuesioner *What Is Happening In This Class? Questionnaire* (WIHIC) dan *Classroom Engagement Inventory* (CEI). Teknik analisis data yang digunakan yaitu uji regresi linear sederhana. Hasil penelitian menunjukkan bahwa pengaruh iklim kelas terhadap *student engagement* sebesar 30.8%. Berdasarkan hasil tersebut, dapat disimpulkan bahwa iklim kelas memiliki pengaruh terhadap *student engagement* di MTs. Persis Tarogong Garut. Setiap dimensi iklim kelas pada penelitian ini menunjukkan pengaruh terhadap *student engagement* dimana dimensi iklim kelas yang paling tinggi berpengaruh terhadap *student engagement* adalah dimensi orientasi tugas sebesar 32.2%. Artinya, dimensi orientasi tugas memiliki pengaruh yang paling kuat dibandingkan dengan dimensi iklim kelas lainnya terhadap *student engagement*.

Kata kunci: Iklim kelas, Siswa, *Student engagement*

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- Aldridge, J. M., Fraser, B. J., & Huang, T. C. I. (1999). Investigating classroom environments in taiwan and australia with multiple research methods. *Journal of Educational Research*, 93(1), 48–62. <https://doi.org/10.1080/00220679909597628>
- Ali, M. M., & Hassan, N. (2018). Defining Concepts of Student Engagement and Factors Contributing to Their Engagement in Schools. *Creative Education*, 09(14), 2161–2170. <https://doi.org/10.4236/ce.2018.914157>
- Alpaslan, M. M., & Ulubey, O. (2021). Examining the Relations between Emotions, Motivation, Classroom Engagement and Achievement in Mathematics. *International Journal of Research in Education and Science*, 7(4), 1042–1057. <https://doi.org/10.46328/ijres.1953>
- Aristovnik, A., Keržič, D., Ravšelj, D., Tomaževič, N., & Umek, L. (2020). Impacts of the COVID-19 pandemic on life of higher education students: A global perspective. *Sustainability (Switzerland)*, 12(20), 1–34. <https://doi.org/10.3390/su12208438>
- Astin, A. W. (1984). Student involvement: A developmental theory for higher education. *College Student Development and Academic Life: Psychological, Intellectual, Social and Moral Issues*, July, 251–263.
- Azwar, S. (2021). *Penyusunan Skala Psikologi (III)*. Pustaka Pelajar.
- Bakadorova, O., Lazarides, R., & Raufelder, D. (2020). Effects of social and individual school self-concepts on school engagement during adolescence. *European Journal of Psychology of Education*, 35(1), 73–91. <https://doi.org/10.1007/s10212-019-00423-x>
- Bardin, J. A., & Lewis, S. (2008). A Survey of the academic engagement of students with visual impairments in general education classes. *Journal of Visual Impairment and Blindness*, 102(8), 472–483. <https://doi.org/10.1177/0145482x0810200804>
- Barkoukis, V., Taylor, I., Chanal, J., & Ntoumanis, N. (2014). The relation between student motivation and student grades in physical education: A 3-year investigation. *Scandinavian Journal of Medicine and Science in Sports*, 24(5), e406–e414. <https://doi.org/10.1111/sms.12174>
- Barksdale, C., Peters, M. L., & Corrales, A. (2021). Middle school students' perceptions of classroom climate and its relationship to achievement. *Educational Studies*, 47(1), 84–107. <https://doi.org/10.1080/03055698.2019.1664411>
- Barr, J. J. (2016). Developing a positive classroom climate. *The IDEA Center*, 61(October), 1–9. IDEAedu.org

- Behrhorst, K. L., Sullivan, T. N., & Sutherland, K. S. (2020). The Impact of Classroom Climate on Aggression and Victimization in Early Adolescence. *Journal of Early Adolescence*, 40(5), 689–711. <https://doi.org/10.1177/0272431619870616>
- Berry, A. (2020). Disrupting to Driving: exploring upper primary teachers' perspectives on student engagement. *Teachers and Teaching: Theory and Practice*, 26(2), 145–165. <https://doi.org/10.1080/13540602.2020.1757421>
- Bizimana, E., Mutangana, D., & Mwesigye, A. (2022). Students' Perceptions of the Classroom Learning Environment and Engagement in Cooperative Mastery Learning-Based Biology Classroom Instruction. *Education Research International*, 2022, 1–14. <https://doi.org/10.1155/2022/5793394>
- Cents-Boonstra, M., Lichtwarck-Aschoff, A., Lara, M. M., & Denessen, E. (2022). Patterns of motivating teaching behaviour and student engagement: a microanalytic approach. *European Journal of Psychology of Education*, 37(1), 227–255. <https://doi.org/10.1007/s10212-021-00543-3>
- Chang, C. F., & Hall, N. C. (2022). Differentiating Teachers' Social Goals: Implications for Teacher–Student Relationships and Perceived Classroom Engagement. *AERA Open*, 8(1), 1–16. <https://doi.org/10.1177/23328584211064916>
- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative and Mixed Methods Approaches (4th ed.)*. Thousand Oaks, CA: Sage.
- Eccles, J. S., & Wigfield, A. (2002). MOTIVATIONAL BELIEFS, VALUES, AND GOALS. *Annu. Rev. Psychol.*, 53, 109–132. <https://doi.org/doi:10.1146/annurev.psych.53.100901.135153>
- Fatou, N., & Kubiszewski, V. (2018). Are perceived school climate dimensions predictive of students' engagement? *Social Psychology of Education*, 21(2), 427–446. <https://doi.org/10.1007/s11218-017-9422-x>
- Fiksl, M., Flogie, A., & Aberšek, B. (2017). Innovative teaching/ learning methods to improve science, technology and Engineering classroom climate and interest. *Journal of Baltic Science Education*, 16(6), 1009–1019.
- Fraser, B. J. (2015). Classroom Climate. In *International Encyclopedia of the Social & Behavioral Sciences: Second Edition* (Second Edi, Vol. 3, Issue 2005). Elsevier. <https://doi.org/10.1016/B978-0-08-097086-8.92075-0>
- Fraser, B. J., & Treagust, D. F. (1986). Validity and use of an instrument for assessing classroom psychosocial environment in higher education. *Higher Education*, 15(1–2), 37–57. <https://doi.org/10.1007/BF00138091>
- Fredricks, J. A., Blumenfeld, P. C., & Paris, A. H. (2004). School Engagement Potential of The Concept. *Review of Educational Research*, 74(1), 59–109.

- Fredricks, J. A., Filsecker, M., & Lawson, M. A. (2016). Student engagement, Context, And adjustment: Addressing definitional, Measurement, And methodological issues. *Learning and Instruction*, 43, 1–4. <https://doi.org/10.1016/j.learninstruc.2016.02.002>
- Fredricks, J. A., & McColskey, W. (2012). The Measurement of Student Engagement: A Comparative Analysis of Various Methods and Student Self-report Instruments. *Handbook of Research on Student Engagement*, 1–840. <https://doi.org/10.1007/978-1-4614-2018-7>
- Frisby, B. N., & Martin, M. M. (2010). Instructor - Student and student - Student rapport in the classroom. *Communication Education*, 59(2), 146–164. <https://doi.org/10.1080/03634520903564362>
- Fullarton, S. (2002). Student engagement with school : individual and school-level influences. *Educational Research*, July.
- Furlong, M. J., Whipple, A. D., St. Jean, G., Simental, J., Soliz, A., & Punthuna, S. (2003). Multiple Contexts of School Engagement. *The California School Psychologist*, 8, 99–113.
- Gillen, A., Wright, A., & Spink, L. (2011). Student perceptions of a positive climate for learning: A case study. *Educational Psychology in Practice*, 27(1), 65–82. <https://doi.org/10.1080/02667363.2011.549355>
- Gunuc, S., & Kuzu, A. (2015). Student engagement scale: development, reliability and validity. *Assessment and Evaluation in Higher Education*, 40(4), 587–610. <https://doi.org/10.1080/02602938.2014.938019>
- Hadiyanto. (2016). *Teori dan Pengembangan Iklim Kelas dan Iklim Sekolah*. 85.
- Hakimzadeh, R., Besharat, M. A., Khaleghinezhad, S. A., & Ghorban Jahromi, R. (2016). Peers' perceived support, student engagement in academic activities and life satisfaction: A structural equation modeling approach. *School Psychology International*, 37(3), 240–254. <https://doi.org/10.1177/0143034316630020>
- Handelsman, M. M., Briggs, W. L., Sullivan, N., & Towler, A. (2005). A Measure of College Student Course Engagement. *Journal of Educational Research*, 98(3), 184–192. <https://doi.org/10.3200/JOER.98.3.184-192>
- Haryanto, A. (2022). *Sudah Malas Sekolah Usai Pandemi, Puluhan Siswa di Cimahi Gagal Lulus dan Memilih Bekerja*. Retrieved from *Okenews*: <https://news.okezone.com/read/2022/07/12/525/2628457/sudah-malas-sekolah-usai-pandemi-puluhan-siswa-di-cimahi-gagal-lulus-dan-memilih-bekerja>
- Havik, T., & Westergård, E. (2020). Do Teachers Matter? Students' Perceptions of Classroom Interactions and Student Engagement. *Scandinavian Journal of Educational Research*, 64(4), 488–507. <https://doi.org/10.1080/00313831.2019.1577754>

- Henry, K. L. (2007). Who's skipping school: Characteristics of truants in 8th and 10th grade. *Journal of School Health, 77*(1), 29–35. <https://doi.org/10.1111/j.1746-1561.2007.00159.x>
- Hews, R., McNamara, J., & Nay, Z. (2022). Prioritising lifeload over learning load: Understanding post-pandemic student engagement. *Journal of University Teaching and Learning Practice, 19*(2), 128–146. <https://doi.org/10.53761/1.19.2.9>
- Hill, K., & Fitzgerald, R. (2020). Student perspectives of the impact of COVID-19 on learning. *All Ireland Journal of Higher Education, 12*(2), 1–9.
- Kahn, W. A. (1990). Psychological Conditions of Personal Engagement and Disengagement at Work. *Academy of Management Journal, 33*(4), 692–724. <https://doi.org/10.1103/PhysRevB.36.2607>
- Kahn, W. A. (1992). To Be Fully There: Psychological Presence at Work. *Human Relations, 45*(4), 321–349. <https://doi.org/10.1177/001872679204500402>
- Kalil, A., & Ziol-Guest, K. M. (2008). Teacher Support, School Goal Structures, and Teenage Mothers' School Engagement. *Youth & Society, 39*(4), 524–548. <https://doi.org/https://doi.org/10.1016/b978-0-12-386492-5.00006-3>
- Khan, T., Johnston, K., & Ophoff, J. (2019). The Impact of an Augmented Reality Application on Learning Motivation of Students. *Advances in Human-Computer Interaction, 2019*. <https://doi.org/10.1155/2019/7208494>
- Knollmann, M., & Wild, E. (2007). Quality of parental support and students' emotions during homework: Moderating effects of students' motivational orientations. *European Journal of Psychology of Education, 22*(1), 63–76. <https://doi.org/10.1007/BF03173689>
- Konold, T., Cornell, D., Jia, Y., & Malone, M. (2018). School Climate, Student Engagement, and Academic Achievement: A Latent Variable, Multilevel Multi-Informant Examination. *AERA Open, 4*(4), 1–17. <https://doi.org/10.1177/2332858418815661>
- Kuh, G. D. (2003). What We're Learning About Student Engagement From NSSE: Benchmarks for Effective Educational Practices. *Change: The Magazine of Higher Learning, 35*(2), 24–32. <https://doi.org/10.1080/00091380309604090>
- Kuh, G. D. (2009). What student affairs professionals need to know about student engagement. *Journal of College Student Development, 50*(6), 683–706. <https://doi.org/10.1353/csd.0.0099>
- Lam, Shui-fong, Wong, B. P. H., Negovan, V., Stanculescu, E., Duck, R., Nelson, B., Jimerson, S., Kikas, E., Cefai, C., Basnett, J., & Earrell, P. (2014). Understanding and measuring student engagement in school: The results of an international study from 12 countries. *School Psychology Quarterly, 29*(2), 213–232.

- Lam, Shui fong, Jimerson, S., Shin, H., Cefai, C., Veiga, F. H., Hatzichristou, C., Polychroni, F., Kikas, E., Wong, B. P. H., Stanculescu, E., Basnett, J., Duck, R., Farrell, P., Liu, Y., Negovan, V., Nelson, B., Yang, H., & Zollneritsch, J. (2016). Cultural universality and specificity of student engagement in school: The results of an international study from 12 countries. *British Journal of Educational Psychology*, *86*(1), 137–153. <https://doi.org/10.1111/bjep.12079>
- Lawson, H. A., & Lawson, M. A. (2020). Student engagement and disengagement as a collective action problem. *Education Sciences*, *10*(8), 1–20. <https://doi.org/10.3390/educsci10080212>
- Lee, V. E., & Smith, J. B. (1995). Effects of High School Restructuring and Size on Early Gains in Achievement and Engagement. *Sociology of Education*, *68*(4), 241. <https://doi.org/10.2307/2112741>
- Li, Y., & Lerner, R. M. (2011). Trajectories of School Engagement During Adolescence: Implications for Grades, Depression, Delinquency, and Substance Use. *Developmental Psychology*, *47*(1), 233–247. <https://doi.org/10.1037/a0021307>
- Lietaert, S., Roorda, D., Laevers, F., Verschueren, K., & De Fraine, B. (2015). The gender gap in student engagement: The role of teachers' autonomy support, structure, and involvement. *British Journal of Educational Psychology*, *85*(4), 498–518. <https://doi.org/10.1111/bjep.12095>
- Luo, N., Li, H., Zhao, L., Wu, Z., & Zhang, J. (2021). Promoting Student Engagement in Online Learning Through Harmonious Classroom Environment. *Asia-Pacific Education Researcher*. <https://doi.org/10.1007/s40299-021-00606-5>
- Marks, H. M. (2000). Student engagement in instructional activity: Patterns in the elementary, middle, and high school years. *American Educational Research Journal*, *37*(1), 153–184. <https://doi.org/10.3102/00028312037001153>
- Midgley, C., Kaplan, A., Middleton, M., Maehr, M. L., Urdan, T., Anderman, L. H., Anderman, E., & Roeser, R. (1998). The Development and Validation of Scales Assessing Students' Achievement Goal Orientations. *Contemporary Educational Psychology*, *23*(2), 113–131. <https://doi.org/10.1006/ceps.1998.0965>
- Miller, A. L., Fassett, K. T., & Palmer, D. L. (2021). Achievement goal orientation: A predictor of student engagement in higher education. *Motivation and Emotion*, *45*(3), 327–344. <https://doi.org/10.1007/s11031-021-09881-7>
- Moos, R. H., & Hearn, J. C. (1978). Subject Matter and Classroom Climate: A Test of Holland's Environmental Propositions. *American Educational Research Journal*, *15*(1), 111–124. <https://doi.org/10.3102/00028312015001111>
- Muhid, A., & Ferdianto, F. (2020). Stres akademik pada siswa: Menguji peranan iklim kelas dan school well-being. *Persona: Jurnal Psikologi Indonesia*, *9*(1), 140–156. <https://doi.org/10.30996/persona.v9i1.3523>
- Musfah, J. (2015). *Manajemen Pendidikan*. Prenamedia Group.

- Newmann, F. M. (1992). Cultivating Teacher Engagement: Breaking the Iron Law of Social Class. In *Organizing for School Change* (Issue 7). <https://doi.org/10.4324/9780203012543-16>
- Olivier, E., Archambault, I., De Clercq, M., & Galand, B. (2019). Student Self-Efficacy, Classroom Engagement, and Academic Achievement: Comparing Three Theoretical Frameworks. *Journal of Youth and Adolescence*, *48*(2), 326–340. <https://doi.org/10.1007/s10964-018-0952-0>
- Pellas, N. (2014). The influence of computer self-efficacy, metacognitive self-regulation and self-esteem on student engagement in online learning programs: Evidence from the virtual world of Second Life. *Computers in Human Behavior*, *35*, 157–170. <https://doi.org/10.1016/j.chb.2014.02.048>
- Quin, D. (2017). Longitudinal and Contextual Associations Between Teacher–Student Relationships and Student Engagement: A Systematic Review. *Review of Educational Research*, *87*(2), 345–387. <https://doi.org/10.3102/0034654316669434>
- Reid, L. D., & Radhakrishnan, P. (2003). Race matters: The relation between race and general campus climate. *Cultural Diversity and Ethnic Minority Psychology*, *9*(3), 263–275. <https://doi.org/10.1037/1099-9809.9.3.263>
- Reyes, M. R., Brackett, M. A., Rivers, S. E., White, M., & Salovey, P. (2012). Classroom emotional climate, student engagement, and academic achievement. *Journal of Educational Psychology*, *104*(3), 700–712. <https://doi.org/10.1037/a0027268>
- Salam, A. (2015). Input , Process and Output : system approach in education to assure the quality and excellence in performance. *Bangladesh Journal of Medical Science*, *14*(01), 1–2.
- Schnitzler, K., Holzberger, D., & Seidel, T. (2021). All better than being disengaged: Student engagement patterns and their relations to academic self-concept and achievement. *European Journal of Psychology of Education*, *36*(3), 627–652. <https://doi.org/10.1007/s10212-020-00500-6>
- Sirin, S. R., & Rogers-Sirin, L. (2005). Components of school engagement among African American adolescents. *Applied Developmental Science*, *9*(1), 5–13. https://doi.org/10.1207/s1532480xads0901_2
- Skinner, E. A., Kindermann, T. A., & Furrer, C. J. (2009). A Motivational Perspective on Engagement and Disaffection. *Educational and Psychological Measurement*, *69*(3), 493–525. <https://doi.org/10.1177/0013164408323233>
- Su Ling, L., Vincent, P., & Lajium, D. (2020). Evaluation of Students' Perception of Biology Classroom Learning Environment. *International Journal of Education, Psychology and Counseling*, *5*(36), 94–113. <https://doi.org/10.35631/ijepc.536007>
- Sumintono, B., & Widhiarso, W. (2014). *Aplikasi model rasch untuk penelitian*. Tim Komunikasi Publishing House.

- Susanti, I. N., Yuspendi, Y., & Megarini, M. Y. (2020). The effect of autonomy training on student engagement in junior high school students. *Indigenous: Jurnal Ilmiah Psikologi*, 5(2), 151–163. <https://doi.org/10.23917/indigenous.v5i2.9149>
- Tas, Y. (2016). The contribution of perceived classroom learning environment and motivation to student engagement in science. *European Journal of Psychology of Education*, 31(4), 557–577. <https://doi.org/10.1007/s10212-016-0303-z>
- Thornberg, R., Wänström, L., & Jungert, T. (2018). Authoritative classroom climate and its relations to bullying victimization and bystander behaviors. *School Psychology International*, 39(6), 663–680. <https://doi.org/10.1177/0143034318809762>
- Trowler, V. (2010). Student engagement literature review. Department of Educational Research. University of Lancaster. *Department of Educational Research, January*, 1–78.
- Wang, M. Te, Chow, A., Hofkens, T., & Salmela-Aro, K. (2015). The trajectories of student emotional engagement and school burnout with academic and psychological development: Findings from Finnish adolescents. *Learning and Instruction*, 36, 57–65. <https://doi.org/10.1016/j.learninstruc.2014.11.004>
- Wang, M. Te, & Degol, J. L. (2016). School Climate: a Review of the Construct, Measurement, and Impact on Student Outcomes. In *Educational Psychology Review* (Vol. 28, Issue 2). <https://doi.org/10.1007/s10648-015-9319-1>
- Wang, M. Te, & Fredricks, J. A. (2014). The Reciprocal Links Between School Engagement, Youth Problem Behaviors, and School Dropout During Adolescence. *Child Development*, 85(2), 722–737. <https://doi.org/10.1111/cdev.12138>
- Wang, M. Te, L. Degol, J., Amemiya, J., Parr, A., & Guo, J. (2020). Classroom climate and children's academic and psychological wellbeing: A systematic review and meta-analysis. *Developmental Review*, 57(June 2019), 100912. <https://doi.org/10.1016/j.dr.2020.100912>
- Wang, Z., Bergin, C., & Bergin, D. A. (2014). Measuring engagement in fourth to twelfth grade classrooms: The classroom engagement inventory. *School Psychology Quarterly*, 29(4), 517–535. <https://doi.org/10.1037/spq0000050>
- Wei, Y., Wang, J., Yang, H., Wang, X., & Cheng, J. (2019). An investigation of academic self-efficacy, intrinsic motivation and connected classroom climate on college students' engagement in blended learning. *Proceedings - 2019 International Symposium on Educational Technology, ISET 2019*, 1, 160–164. <https://doi.org/10.1109/ISET.2019.00041>
- Xerri, M. J., Radford, K., & Shacklock, K. (2017). Student engagement in academic activities: a social support perspective. *Higher Education*, 75(4), 589–605. <https://doi.org/10.1007/s10734-017-0162-9>

- Yang, G., Badri, M., Al Rashedi, A., Almazroui, K., Qalyoubi, R., & Nai, P. (2017). The effects of classroom and school environments on student engagement: the case of high school students in Abu Dhabi public schools. *Compare: A Journal of Comparative and International Education*, 47(2), 223–239. <https://doi.org/10.1080/03057925.2016.1230833>
- Yazzie-mintz, E. (2010). *Charting the Path from Engagement to Achievement*. Bloomington, IN: Center for Evaluation & Education Policy.
- Zedan, R. (2010). New dimensions in the classroom climate. *Learning Environments Research*, 13(1), 75–88. <https://doi.org/10.1007/s10984-009-9068-5>