

**THE CORRELATION BETWEEN STUDENTS'
CHRONOTYPE AND MOTIVATION IN LEARNING
ENGLISH**

THESIS

Submitted in partial fulfillment of the requirement for the degree of Sarjana
Pendidikan (S.Pd) in Teaching English



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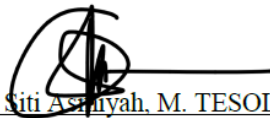
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VARIABLE VALIDITY TEST RESULTS			
Item questions	r_{count} / Corrected Item- Total Correlation	r_{table} 5% degree of freedom ((N-2=) (40-2=38))	Criteria
1	.483	0.320	Valid
2	.750	0.320	Valid
3	.598	0.320	Valid
4	.707	0.320	Valid
5	.554	0.320	Valid
6	.709	0.320	Valid
7	.584	0.320	valid
8	.628	0.320	Valid
9	.351	0.320	Valid
10	.408	0.320	Valid
11	.333	0.320	Valid
12	.333	0.320	Valid
13	.648	0.320	Valid
14	.364	0.320	Valid
15	.439	0.320	Valid
16	.356	0.320	Valid
17	.565	0.320	Valid
18	.583	0.320	Valid

- Díaz-Morales, Juan Francisco, and María Gutiérrez Sorroche. 2008. "Morningness-Eveningness in Adolescents". *The Spanish Journal of Psychology*. Vol. 11 No. 1, May 2008. 201–206
- Díaz-Morales, JF, and C. Escribano. 2013. "Predicting School Achievement: The Role of Inductive Reasoning, Sleep Length and Morningness–Eveningness". *Personality and Individual Differences*. Vol. 55 No. 2, July 2013. 106–111
- Dr. Mego Pinandito M.Eng. "Jam Atom Dan Manfaat Standardisasi Waktu. (Last modified December 3, 2017)" *Lembaga Ilmu Pengetahuan Indonesia*, (<http://lipi.go.id/lipimedia/Jam-atom-dan-manfaat-standardisasi-waktu/18351>, accessed on April 1, 2020)
- Escribano, C., & Díaz-Morales, J. F. 2016. "Are Achievement Goals Different among Morning and Evening-Type Adolescents?". *Personality and Individual Differences*. Vol. 88 No. 1, January 2016. 57–61
- Gardner, R. C. "Integrative Motivation and Second Language Acquisition". In Z. Dörnyei, & R. Schmidt (Eds.). *Motivation and Second Language Acquisition*, 1–19. Hawaii: University of Hawaii Press, 2001.
- Gardner, R. C. "Social Psychology and Second Language Learning". In Edward Arnold (Ed.). *The Role of Attitudes and Motivation*, xiv + 208. London, 1985.
- Goldstein, D., Hahn, C. S., Hasher, L., Wiprzycka, U. J., & Zelazo, P. D. 2007. "Time of Day, Intellectual Performance, and Behavioral Problems in Morning versus Evening Type Adolescents: Is There a Synchrony Effect?". *Personality and Individual Differences*. Vol.42 No. 3, March 2007. 431–440.
- Hamzah B. Uno, M. *Teori Motivasi Dan Pengukurannya*. Jakarta: PT Bumi Aksara, 2010.
- Horne, J. A., & Östberg, O. 1976. "A Self-Assessment Questionnaire to Determine Morningness-Eveningness in Human Circadian Rhythms". Vol. 4 No. 2, February 1976. 97–110
- Horne, J. A., & Östberg, O. 1977. "Individual Differences in Human Circadian Rhythms". *Biological Psychology*. Vol. 5 No. 3, September 1977. 179–190
- John Song, and Con K K Stough. 2000. "The Relationship between Morningness–Eveningness, Time-of-Day, Speed of Information Processing, and Intelligence". Vol. 29 No. 6, December 2000. 1179–1190

- Kanazawa, S., & Perina, K. 2009. "Why Night Owls Are More Intelligent". *Personality and Individual Differences*. Vol. 47 No. 7, November 2009. 685–690.
- Kantermann, T. 2013. "Circadian Biology: Sleep-Styles Shaped by Light-Styles, Current Biology". *Current Biology*. Vol. 23 No. 16, August 2009. R689–R690
- Killgore, WDS, and DB Killgore. 2007. "The Effects of 53 Hours of Sleep Deprivation on Moral Judgement." Vol. 30 No. 3, March 2007. 345–52
- Kohyama, J. 2009. "A Newly Proposed Disease Condition Produced by Light Exposure during Night: Asynchronization". Vol. 31 No. 4, August 2009. 255–273
- Kyleadolson et al. "12-Hour Clock (Latest Revision as of 23:38, 29 February 2020)." (https://en.wikipedia.org/wiki/12-hour_clock, accessed on March 22, 2020)
- Lack, Leon, Michelle Bailey, Nicole Lovato, and Helen Wright. 2009. "Chronotype Differences in Circadian Rhythms of Temperature, Melatonin, and Sleepiness as Measured in a Modified Constant Routine Protocol". Vol. 10 No. 1, April 2009, 1–8
- Mecacci, L., & Zani, A. 1983. "Morningness–Eveningness Preferences and Sleep–Waking Diary Data of Morning and Evening Types in Student and Worker Samples". *Ergonomics*. Vol. 26 No. 12, February 1983. 1147–1153
- Nursalam. *Konsep Dan Penerapan Metodologi Penelitian Ilmu Keperawatan Pedoman Skripsi, Tesis Dan Instrumen Penelitian Keperawatan*. Jakarta: Salemba Medika, 2003.
- Preckel, F, AA Lipnevich, S Schneider, and RD. Roberts. 2011. "Chronotype, Cognitive Abilities, and Academic Achievement: A Meta-Analytic Investigation". *Learn Individ Differences*. Vol. 21 No. 5, October 2011. 483-492
- Preckel, Franzis, Anastasiya A. Lipnevich, Katharina Boehme, Lena Brandner, Karsten Georgi, Tanja Könen, Katharina Mursin, and Richard D. Roberts. 2013. "Morningness-Eveningness and Educational Outcomes: The Lark Has an Advantage over the Owl at High School: Morningness-Eveningness and Educational Outcomes". *British Journal of Educational Psychology*. Vol. 83 No. 1, March 2013. 114–134

- R. C. Gardner, Ph.D. "Attitude/Motivation Test Battery: International AMTB Research Project." *Published pdf*. Last modified 2004, (<http://hyxy.nankai.edu.cn/jingpinke/buchongyuedu/Motivation%20measurement-AMTB.pdf>, accessed on December 31, 2019)
- Raharjo, Sahid. "Tutorial Analisis Korelasi Rank Spearman dengan SPSS 2017" (<https://www.spssindonesia.com/2017/04/analisis-korelasi-rank-spearman.html>, accessed on November 1, 2021)
- Randler C, and Frech D. 2006. "Correlation between Morningness–Eveningness and Final School Leaving Exams". Vol. 37 No. 3, August 2006. 233–239
- Roberts, RD, and PC Kyllonen. 1999. "Morningness–Eveningness and Intelligence: Early to Bed, Early to Rise Will Likely Make You Anything but Wise!". *Personality and Individual Differences*. Vol. 27 No. 6, December 1999. 1123–1133
- Roenneberg, Till, Anna Wirz-Justice, and Martha Merrow. 2003. "Life between Clocks: Daily Temporal Patterns of Human Chronotypes". *Journal of Biological Rhythms*. Vol. 18 No. 1, February 2003. 80–90
- Roeser , K., Schlarb, A. A., & Kübler, A. 2013. "The Chronotype Academic Performance Model (CAM): Daytime Sleepiness and Learning Motivation Link Chronotype and School Performance in Adolescents". Vol. 54 No. 7, May 2013. 836–840
- Sletten TL, Segal AY, Flynn-Evans EE, Lockley SW, and Rajaratnam SM. 2015. "Inter-Individual Differences in Neurobehavioural Impairment Following Sleep Restriction Are Associated with Circadian Rhythm Phase". Vol. 10 No. 6, June 2015. 1–16
- Sugiyono. *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, Dan R&D*. Bandung: Universitas Negeri Yogyakarta, 2016.
- Taillard, Jacques, Pierre Philip, Jean-François Chastang, and Bernard Bioulac. 2004. "Validation of Horne and Ostberg Morningness-Eveningness Questionnaire in a Middle-Aged Population of French Workers". *Journal of Biological Rhythms*. Vol. 19 No. 1, February 2004. 76–86
- Till Roenneberg, Anna Wirz-Justice, and Martha Merrow. 2003. "Life between Clocks: Daily Temporal Patterns of Human Chronotypes". Vol. 18 No. 1, February 2003. 80–90

- Wiratna Sujarweni, V. *SPSS untuk Penelitian*. Ed.1 Cet. 1. Yogyakarta: Pustaka Baru Press, 2014.
- Wittmann, Marc, Jenny Dinich, Martha Merrow, and Till Roenneberg. 2006. "Social Jetlag: Misalignment of Biological and Social Time". *Chronobiology International*. Vol. 23 No. 1–2, January 2006. 497–509
- Yoon-MiHur, Thomas J.BouchardJr, and David T.Lykken. 1998. "Genetic and Environmental Influence on Morningness–Eveningness". *Personality and Individual Differences*. Vol. 25 No. 5, November 1998. 917–925
- Zerbini, Giulia, and Martha Merrow. 2017. "Time to Learn: How Chronotype Impacts Education: Time to Learn: How Chronotype Impacts Education". *PsyCh Journal*. Vol. 6 No. 4, December 2017. 263–276
- Kata Pagi, Siang, Sore dan Malam (Def. 1,2). Dalam Kamus Besar Bahasa Indonesia (KBBI) online, (<https://kbbi.web.id/siang>, accessed on December 2, 2019)
- Kementerian Pendidikan Dan Kebudayaan R.I Bidang Pendidikan. "Konsep dan Implementasi Kurikulum 2013" *Published PDF*, (<https://www.kemdikbud.go.id/kemdikbud/dokumen/Paparan/Paparan%20Wamendik.pdf>, accessed on December 2, 2019)
- F Lazuardiyyah, R Safriyani. 2019. "A Quantitative Correlation Study of The Relationship between Students' Reading Skill and Students' Writing Skill: CONFERENCE PROCEEDING 2nd International Conference on Linguistics (IC-Ling); Arabic & English". 2019. 143-138