

DAFTAR PUSTAKA

- Afriana, J., Permanasari, A., & Fitriani, A. (2016). Penerapan project based learning terintegrasi STEM untuk meningkatkan literasi sains siswa ditinjau dari gender. *Jurnal Inovasi Pendidikan IPA*, 2(2), 202–212. <https://journal.uny.ac.id/index.php/jipi/article/view/8561>
- Anil, A. (2019). Education In The 21 st Century: The Dynamics of Change. The Research Jour. *Journal of Social Sciences*, 10(3), 128–133.
- Aqil, D. I. (2018). Literasi Sains Sebagai Konsep Pembelajaran Buku Ajar Biologi di Sekolah. *Wacana Didaktika*, 5.02, 160–171. <https://doi.org/10.31102/wacanadidaktika>.
- Aviana, R., & Hidayah, F. F. (2015). Pengaruh Tingkat Konsentrasi Belajar Siswa terhadap Daya Pemahaman Materi pada Pembelajaran Kimia di SMA Negeri 2 Batang. *Jurnal Pendidikan Sains Universitas Muhammadiyah Semarang*, 3, 30–33.
- Bai, Y. (2020). *Integration of multi-task fMRI for cognitive study by structure-enforced collaborative regression*. July. <https://doi.org/10.1117/12.2549314>
- Bakin, S. (1999). *Adaptive Regression and Model Selection in Data Mining Problems [Disertasi]*. Canberra (AU): The Australian National University.
- Chen, S., Notodiputro, K. A., & Rahardianto, S. (2020). Penerapan Analisis LASSO dan Group LASSO dalam Mengidentifikasi Faktor-Faktor yang Berhubungan dengan Tuberkulosis di Jawa Barat. *Indonesian Journal of Statistics and Its Applications*, 4(No 1), 39–54.
- Dalyono, M. (2012). *Psikologis Pendidikan*. Rineka Cipta.
- Deming, J. ., Jacqueline, R. O., & Christopher, J. M. (2007). Scientific Literacy: Resurrecting the Phoenix with Thinking Skills. *Science Educator*, Winter 201.
- Dewi, Y. S. (2010). OLS, LASSO dan PLS pada Data Mengandung Multikolinearitas. *Jurnal Ilmu Dasar*, 11(1), 83–91.
- Duckworth, A. (2016). *Grit: The Power of Passion and Perseverance*. by Scribne.
- Dweck, C. S. (2015). Revisits the “Growth Mindset.” *Education Week*.
- Ekohariadi. (2009). Faktor-faktor Yang Mempengaruhi Literasi Sains Siswa Indonesia Berusia 15 Tahun. *Jurnal Pendidikan Dasar*, 10(1), 29–43.
- Eminita, V., Notodiputro, K. A., & Sartono, B. (2020). Variable that influence achievement of indonesian students in the program international student assessment (PISA) 2015 using structural equation modelling (SEM). *Journal*

of Physics: Conference Series, 1521(4). <https://doi.org/10.1088/1742-6596/1521/4/042041>

Fuadi, H., Robbia, A. Z., & Jufri, A. W. (2020). *Analisis faktor penyebab rendahnya kemampuan literasi sains peserta didik*. 5, 108–116.

Gujarati, D. (1992). *Ekonometrik Dasar (Terjemahan)* (S. Zeinn (ed.); Edisi ke-2). Erlangga.

Hastie, T, Tibshirani, R., & Friedman, J. (2008). *The Elements of Statistical Learning. Data mining, Inference, and Prediction*. (2 ed.). Springer.

Hastie, Trevor, Tibshirani, R., & Wainwright, M. (2015). Statistical learning with sparsity: The lasso and generalizations. *Statistical Learning with Sparsity: The Lasso and Generalizations*, 1–337. <https://doi.org/10.1201/b18401>

Hayat, B., & Yusuf, S. (2010). *Benchmark Internasional Mutu Pendidikan*. Bumi Aksara.

Hewi, L., & Shaleh, M. (2020). Refleksi Hasil PISA (The Programme For International Student Assesment): Upaya Perbaikan Bertumpu Pada Pendidikan Anak Usia Dini). *Jurnal Golden Age*, 4(01), 30–41. <https://doi.org/10.29408/jga.v4i01.2018>

Huang, J., & Zhang, T. (2009). The Benefit of Group Sparsity. *Annals of Statistics*.

Izenman, A. (2008). *Modern Multivariate Statistical Techniques. Regression, Classification, and Manifold Learning*. Springer.

James, G., Witten, D., Hastie, T., & Tibshirani, R. (2013). *An Introduction Learning with Applications in R*. Springer.

Mahmudi, A. (2009). Menulis sebagai Strategi Belajar Matematika. *Seminar Nasional Matematika dan Pendidikan Matematika Jurusan Pendidikan Matematika FMIPA UNY*, 466–472.

Meier, L., Van De Geer, S., & Bühlmann, P. (2008). The group lasso for logistic regression. *Journal of the Royal Statistical Society. Series B: Statistical Methodology*, 70(1), 53–71. <https://doi.org/10.1111/j.1467-9868.2007.00627.x>

Montgomery, D. C., Peck, E. A., & Vining, G. G. (2012). *Introduction to Linear Regression Analysis* (5th ed.). John Wiley & Sons, Inc., Hoboken, New Jersey.

Novilia, & Syazali, M. (2014). *Olah Data Penelitian Pendidikan*. Anugrah Utama Raharja (AURA).

Nugroho, S., Akbar, S., & Vusvitasari, R. (2008). *Kajian Hubungan Koefisien*

Korelasi Pearson (r), Spearman-rho (ρ), Kendall-Tau (τ), Gamma (G), dan Somers (dyx). *Jurnal Gradien*, 4(2), 372–381.

OECD. (2019a). Country Note - Indonesia. *PISA 2018 Result, I–III*, 1–10.

OECD. (2019b). *PISA 2018 Results (Volume I): What Students Know and Can Do, PISA*. OECD Publishing.

Sanbonmatsu, D. M., Strayer, D. L., Medeiros-Ward, N., & Watson, J. M. (2013). Who Multi-Tasks and Why? Multi-Tasking Ability, Perceived Multi-Tasking Ability, Impulsivity, and Sensation Seeking. *PloS ONE*, 8(1). <https://doi.org/10.1371/journal.pone.0054402>

Santi, V. M., Sartono, B., & Notodiputro, K. A. (2019). Variable selection methods applied to the mathematics scores of Indonesian students based on convex penalized likelihood. *Journal of Physics: Conference Series*. <https://doi.org/10.1088/1742-6596/1402/7/077096>

Schleicher, A. (2018). *PISA 2018 Insight and Interpretations*.

Schober, P., & Schwarte, L. A. (2018). Correlation coefficients: Appropriate use and interpretation. *Anesthesia and Analgesia*, 126(5), 1763–1768. <https://doi.org/10.1213/ANE.0000000000002864>

Schreiber-Gregory, D. N. (2017). *Multicollinearity: What Is It, Why Should We Care, and How Can It Be Controlled?*

Soleh, A. M. (2013). Lasso : Solusi Alternatif Seleksi Peubah Dan Penyusutan Koefisien Model Regresi Linier. *Forum Statistika Dan Komputasi*, 18(1), 21–27.

Sukardinah, D. (2010). *Sensitifitas Indikator Multikolinearitas dalam Model Regresi Linear Multipel*. 10(1), 25–33.

Susongko, P., & Afrizal, T. (2018). The determinant factors analysis of Indonesian students' environmental awareness in pisa 2015. *Jurnal Pendidikan IPA Indonesia*, 7(4), 407–419. <https://doi.org/10.15294/jpii.v7i4.10684>

Tety, N., C, Nyoman, S., & Sugeng, U. (2016). Pengerahu Latar belakang tingkat pendidikan Orang tua dan gaya belajar terhadap hasil belajar peserta didik pada kelas IV SDN Kecamatan Sananwetan Kota Blitar. *Jurnal Pendidikan: Teori, Penelitian, dan Pengembangan*, 3(2), 486–491.

Tibshirani, R. (1996). Regression Shrinkage and Selection Via the Lasso. *Journal of the Royal Statistical Society: Series B (Methodological)*, 58(1), 267–288. <https://doi.org/10.1111/j.2517-6161.1996.tb02080.x>

Tibshirani, R. (2017). Sparsity, The Lasso, and Friends. Springer. *Statistical Machine Learning, Spring*.

- Wiyono, K. (2013). Pengembangan Model Pembelajaran Fisika Berbasis ICT Pada Implementasi Kurikulum 2013. *Jurnal Inovasi Dan Pembelajaran Fisika*, 2(2), 123–131.
- Yang, Y., & Zou, H. (2015). A fast unified algorithm for solving group-lasso penalize learning problems. *Statistics and Computing*, 25(6), 1129–1141. <https://doi.org/10.1007/s11222-014-9498-5>
- Yuan, M., & Lin, Y. (2006). Model Selection and Estimation in Regression with Grouped Variables. *Journal of the Royal. Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, 68(1), 49–67.
- Zuriyani, E. (2013). *Literasi Sains Dan Pendidikan. Makalah: Kemenag Sumatera Selatan.*

