

DAFTAR PUSTAKA

- Adam, P., Rianse, U., Cahyono, E., & Rahim, M. (2015). International Journal of Energy Economics and Policy Modeling of the Dynamics Relationship between World Crude Oil Prices and the Stock Market in Indonesia. *International Journal of Energy Economics and Policy*, 5(2), 550–557.
- Akhtaruzzaman, M., Boubaker, S., & Sensoy, A. (2020). Financial contagion during COVID–19 crisis. *Finance Research Letters*, May, 101604. <https://doi.org/10.1016/j.frl.2020.101604>
- Baker, S. R., Bloom, N., Davis, S. J., Kost, K., Sammon, M., & Viratyosin, T. (2020). The Unprecedented Stock Market Reaction to COVID-19. *The Review of Asset Pricing Studies*, 1(DP 14543), 33–42. <https://doi.org/10.1093/rapstu/raaa008>
- Baruník, J., Kočenda, E., & Vácha, L. (2016). Gold, oil, and stocks: Dynamic correlations. *International Review of Economics and Finance*, 42, 186–201. <https://doi.org/10.1016/j.iref.2015.08.006>
- Baur, D. G., & Glover, K. J. (2012). The Destruction of a Safe Haven Asset? *SSRN Electronic Journal*, 1–19. <https://doi.org/10.2139/ssrn.2142283>
- Baur, D. G., & Lucey, B. M. (2010). Is gold a hedge or a safe haven? An analysis of stocks, bonds and gold. *Financial Review*, 45(2), 217–229. <https://doi.org/10.1111/j.1540-6288.2010.00244.x>
- Baur, D. G., & McDermott, T. K. (2010). Is gold a safe haven? International evidence. *Journal of Banking and Finance*, 34(8), 1886–1898. <https://doi.org/10.1016/j.jbankfin.2009.12.008>
- Baur, D. G., & McDermott, T. K. J. (2016). Why is gold a safe haven? *Journal of Behavioral and Experimental Finance*, 10, 63–71. <https://doi.org/10.1016/j.jbef.2016.03.002>
- Bracker, K., Docking, D. S., & Koch, P. D. (1999). Economic determinants of evolution in international stock market integration. *Journal of Empirical Finance*, 6(1), 1–27. [https://doi.org/10.1016/S0927-5398\(98\)00007-3](https://doi.org/10.1016/S0927-5398(98)00007-3)
- Chkili, W. (2016). Dynamic correlations and hedging effectiveness between gold and stock markets: Evidence for BRICS countries. *Research in International Business and Finance*, 38, 22–34. <https://doi.org/10.1016/j.ribaf.2016.03.005>
- Click, R. W., & Plummer, M. G. (2005). Stock market integration in ASEAN after the Asian financial crisis. *Journal of Asian Economics*, 16(1), 5–28. <https://doi.org/10.1016/j.asieco.2004.11.018>
- Creti, A., Joëts, M., & Mignon, V. (2013). On the links between stock and

- commodity markets' volatility. *Energy Economics*, 37, 16–28. <https://doi.org/10.1016/j.eneco.2013.01.005>
- Dima, B., & Milos, L. R. (2010). Testing the efficiency of the Romanian stock market. *International Conference on Development, Energy, Environment, Economics - Proceedings, January 2009*, 378–381.
- Do, G. Q., & Nimanussornkul, C. (2016). Examining Interdependencies among International Gold and 5-ASEAN Stock Markets through the Conditional Correlations. *International Journal of Intelligent Technologies and Applied Statistics*, 9, 153–167. <https://doi.org/10.6148/IJITAS.2016.0902.05>
- Engle, R. (2002). Dynamic conditional correlation: A simple class of multivariate generalized autoregressive conditional heteroskedasticity models. *Journal of Business and Economic Statistics*, 20(3), 339–350. <https://doi.org/10.1198/073500102288618487>
- Engle, R. F., & Granger, C. W. J. (1987). Co-Integration and Error Correction: Representation, Estimation, and Testing. *The Econometric Society Stable*, 55(2), 251–276. <http://www.jstor.org/stable/1913236>
- Fama, E. (1970). Efficient Capital Markets: A Review of the Theory. *The Journal of Finance*, 25(2), 383–417.
- Gürgün, G., & Ünalmiş, I. (2014). Is gold a safe haven against equity market investment in emerging and developing countries? *Finance Research Letters*, 11(4), 341–348. <https://doi.org/10.1016/j.frl.2014.07.003>
- Hasanzadeh, A., & Kianvand, M. (2012). The Impact of Macroeconomic Variables on Stock Prices: The Case of Tehran Stock Exchange. *Money and Economy*, 6(2), 171–190. <https://doi.org/10.5539/ijbm.v14n6p99>
- Jordan, S. J., Vivian, A., & Wohar, M. E. (2016). Can commodity returns forecast Canadian sector stock returns? *International Review of Economics and Finance*, 41, 172–188. <https://doi.org/10.1016/j.iref.2015.08.013>
- Kapahang, M. M., & Robiyanto, R. (2018). Apakah Logam Mulia Merupakan Safe Haven atau Hedge pada Beberapa Pasar Modal di Dunia? *Jurnal Fokus Ekonomi*, 13(2), 280–300.
- Karim, B. A., & Karim, Z. A. (2012). Integration of ASEAN-5 stock markets: A revisit. *Asian Academy of Management Journal of Accounting and Finance*, 8(2), 21–41.
- Kenani, J. M., Purnomo, J., & Maoni, F. (2013). The Impact of the Global Financial Crisis on the Integration of the Chinese and Indonesian Stock Markets. *International Journal of Economics and Finance*, 5(9), 69–81. <https://doi.org/10.5539/ijef.v5n9p69>
- Lim, K., Lee, H., & Liew, K. (2003). International Diversification Benefits in Asean Stock Markets: a Revisit. *Economics Working Paper, University Putra*,

- Malaysia*, 1978(2000), 1–17.
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.199.8899&rep=rep1&type=pdf>
- Lucey, B. M., & Li, S. (2015). What precious metals act as safe havens, and when? Some US evidence. *Applied Economics Letters*, 22(1), 35–45. <https://doi.org/10.1080/13504851.2014.920471>
- Majid, M. S. A., Meera, A. K. M., & Omar, M. A. (2008). Interdependence of asean-5 stock markets from the us and Japan. *Global Economic Review*, 37(2), 201–225. <https://doi.org/10.1080/12265080802021201>
- Maneenop, S., & Kotcharin, S. (2020). The impacts of COVID-19 on the global airline industry: An event study approach. *Journal of Air Transport Management*, 89(August), 101920. <https://doi.org/10.1016/j.jairtraman.2020.101920>
- Markowitz, H. M. (1952). Portfolio Selection. *The Journal of Finance*, 7(1), 77–91. <http://www.jstor.org/stabl>
- Mazur, M., Dang, M., & Vega, M. (2020). COVID-19 and the march 2020 stock market crash. Evidence from S&P1500. *Finance Research Letters*, May, 101690. <https://doi.org/10.1016/j.frl.2020.101690>
- Miljkovic, D. (1999). The Law of One Price in International Trade: A Critical Review. *Applied Economic Perspectives and Policy*, 21(1), 126–139. <https://doi.org/10.2307/1349976>
- Mohti, W., Dionísio, A., Vieira, I., & Ferreira, P. (2019). Regional and global integration of Asian stock markets. *Research in International Business and Finance*, 50(June), 357–368. <https://doi.org/10.1016/j.ribaf.2019.06.003>
- Muharam, H., Robiyanto, R., Pangestuti, I. R. D., & Mawardi, W. (2020). Measuring asian stock market integration by using orthogonal generalized autoregressive conditional heteroscedasticity. *Montenegrin Journal of Economics*, 16(1), 121–137. <https://doi.org/10.14254/1800-5845/2020.16-1.8>
- Mukherjee, K., & Mishra, R. K. (2007). International stock market integration and its economic determinants: A study of indian and world equity markets. *Vikalpa*, 32(4), 29–44. <https://doi.org/10.1177/0256090920070403>
- Najeeb, S. F., Bacha, O., & Masih, M. (2015). Does heterogeneity in investment horizons affect portfolio diversification? Some insights using M-GARCH-DCC and Wavelet correlation analysis. *Emerging Markets Finance and Trade*, 51(1), 188–208. <https://doi.org/10.1080/1540496X.2015.1011531>
- Nguyen, C., Bhatti, M. I., Komorníková, M., & Komorník, J. (2016). Gold price and stock markets nexus under mixed-copulas. *Economic Modelling*, 58, 283–292. <https://doi.org/10.1016/j.econmod.2016.05.024>
- Putra, M. P. S., Atahau, A. D. R., & Robiyanto, R. (2018). Cross-asset class

- portfolio between gold and stocks in Indonesia. *Economic Journal of Emerging Markets*, 10(1), 69–81. <https://doi.org/10.20885/ejem.vol10.iss1.art8>
- Reboredo, J. C. (2013). Is gold a hedge or safe haven against oil price movements? *Resources Policy*, 38(2), 130–137. <https://doi.org/10.1016/j.resourpol.2013.02.003>
- Robiyanto, R. (2018a). Gold VS bonds: What is the safe haven for the Indonesian and Malaysian capital market? *Gadjah Mada International Journal of Business*, 20(3), 277–302. <https://doi.org/10.22146/gamaijb.27775>
- Robiyanto, R. (2018b). Indonesian stock market's dynamic integration with Asian stock markets and world stock markets. *Jurnal Pengurusan*, 52, 181–192. <https://doi.org/10.17576/pengurusan-2018-52-15>
- Robiyanto, R. (2018c). The Dynamic Correlation between ASEAN-5 Stock Markets and World Oil Prices. *Jurnal Keuangan Dan Perbankan*, 22(2), 198–210. <https://doi.org/10.26905/jkdp.v22i2.1688>
- Robiyanto, R., Wahyudi, S., & Pangestuti, I. R. D. (2017). Testing Commodities As Save Haven And Hedging Instrument On Asean's Five Stock Markets. *JURNAL EKONOMI KUANTITATIF TERAPAN*, 10(2), 231–238.
- Ross, S. A. (1976). The arbitrage theory of capital asset pricing (Working Paper Version). *Journal of Economic Theory*, 13(3), 341–360. <http://www.investmentanomalies.com/articles/031.pdf>
- Sekaran, U., & Bougie, R. (2016). Research methods for business : a skill-building approach. In Intergovernmental Panel on Climate Change (Ed.), *Chichester, West Sussex, United Kingdom: John Wiley & Sons* (Seventh). Cambridge University Press. <https://doi.org/10.1017/CBO9781107415324.004>
- Selmi, R., Mensi, W., Hammoudeh, S., & Bouoiyour, J. (2018). Is Bitcoin a hedge, a safe haven or a diversifier for oil price movements? A comparison with gold. *Energy Economics*, 74(December 2016), 787–801. <https://doi.org/10.1016/j.eneco.2018.07.007>
- Shabri Abd Majid, M., Kameel Mydin Meera, A., Azmi Omar, M., & Abdul Aziz, H. (2009). Dynamic linkages among ASEAN-5 emerging stock markets. *International Journal of Emerging Markets*, 4(2), 160–184. <https://doi.org/10.1108/17468800910945783>
- Sharif, A., Aloui, C., & Yarovaya, L. (2020). COVID-19 pandemic, oil prices, stock market, geopolitical risk and policy uncertainty nexus in the US economy: Fresh evidence from the wavelet-based approach. *International Review of Financial Analysis*, 70(May), 101496. <https://doi.org/10.1016/j.irfa.2020.101496>
- Sharma, A., & Seth, N. (2012). Literature review of stock market integration: a global perspective. *Qualitative Research in Financial Markets*, 4(1), 84–122.

<https://doi.org/10.1108/17554171211213568>

- Surya, D., & Santoso, J. S. (2017). Analisis Pengaruh Harga Komoditas dan Pasar Modal Dunia Terhadap IHSG. *Jurnal STEI Ekonomi*, 26(2), 182–201. <https://doi.org/10.36406/jemi.v26i2.223>
- Vardar, G., Coşkun, Y., & Yelkenci, T. (2018). Shock transmission and volatility spillover in stock and commodity markets: evidence from advanced and emerging markets. *Eurasian Economic Review*, 8(2), 231–288. <https://doi.org/10.1007/s40822-018-0095-3>
- WHO. (2020). Coronavirus Disease 2019 Situation Report 51 - 11th March 2020. *WHO Bulletin*, 2019(March), 2633. <https://doi.org/10.1001/jama.2020.2633>
- Adam, P., Rianse, U., Cahyono, E., & Rahim, M. (2015). International Journal of Energy Economics and Policy Modeling of the Dynamics Relationship between World Crude Oil Prices and the Stock Market in Indonesia. *International Journal of Energy Economics and Policy*, 5(2), 550–557.
- Akhtaruzzaman, M., Boubaker, S., & Sensoy, A. (2020). Financial contagion during COVID–19 crisis. *Finance Research Letters*, May, 101604. <https://doi.org/10.1016/j.frl.2020.101604>
- Baker, S. R., Bloom, N., Davis, S. J., Kost, K., Sammon, M., & Viratyosin, T. (2020). The Unprecedented Stock Market Reaction to COVID-19. *The Review of Asset Pricing Studies*, 1(DP 14543), 33–42. <https://doi.org/10.1093/rapstu/raaa008>
- Baruník, J., Kočenda, E., & Vácha, L. (2016). Gold, oil, and stocks: Dynamic correlations. *International Review of Economics and Finance*, 42, 186–201. <https://doi.org/10.1016/j.iref.2015.08.006>
- Baur, D. G., & Glover, K. J. (2012). The Destruction of a Safe Haven Asset? *SSRN Electronic Journal*, 1–19. <https://doi.org/10.2139/ssrn.2142283>
- Baur, D. G., & Lucey, B. M. (2010). Is gold a hedge or a safe haven? An analysis of stocks, bonds and gold. *Financial Review*, 45(2), 217–229. <https://doi.org/10.1111/j.1540-6288.2010.00244.x>
- Baur, D. G., & McDermott, T. K. (2010). Is gold a safe haven? International evidence. *Journal of Banking and Finance*, 34(8), 1886–1898. <https://doi.org/10.1016/j.jbankfin.2009.12.008>
- Baur, D. G., & McDermott, T. K. J. (2016). Why is gold a safe haven? *Journal of Behavioral and Experimental Finance*, 10, 63–71. <https://doi.org/10.1016/j.jbef.2016.03.002>
- Bracker, K., Docking, D. S., & Koch, P. D. (1999). Economic determinants of evolution in international stock market integration. *Journal of Empirical Finance*, 6(1), 1–27. [https://doi.org/10.1016/S0927-5398\(98\)00007-3](https://doi.org/10.1016/S0927-5398(98)00007-3)
- Chkili, W. (2016). Dynamic correlations and hedging effectiveness between gold

- and stock markets: Evidence for BRICS countries. *Research in International Business and Finance*, 38, 22–34. <https://doi.org/10.1016/j.ribaf.2016.03.005>
- Click, R. W., & Plummer, M. G. (2005). Stock market integration in ASEAN after the Asian financial crisis. *Journal of Asian Economics*, 16(1), 5–28. <https://doi.org/10.1016/j.asieco.2004.11.018>
- Creti, A., Joëts, M., & Mignon, V. (2013). On the links between stock and commodity markets' volatility. *Energy Economics*, 37, 16–28. <https://doi.org/10.1016/j.eneco.2013.01.005>
- Dima, B., & Milos, L. R. (2010). Testing the efficiency of the Romanian stock market. *International Conference on Development, Energy, Environment, Economics - Proceedings, January 2009*, 378–381.
- Do, G. Q., & Nimanussornkul, C. (2016). Examining Interdependencies among International Gold and 5-ASEAN Stock Markets through the Conditional Correlations. *International Journal of Intelligent Technologies and Applied Statistics*, 9, 153–167. <https://doi.org/10.6148/IJITAS.2016.0902.05>
- Engle, R. (2002). Dynamic conditional correlation: A simple class of multivariate generalized autoregressive conditional heteroskedasticity models. *Journal of Business and Economic Statistics*, 20(3), 339–350. <https://doi.org/10.1198/073500102288618487>
- Engle, R. F., & Granger, C. W. J. (1987). Co-Integration and Error Correction: Representation, Estimation, and Testing. *The Econometric Society Stable*, 55(2), 251–276. <http://www.jstor.org/stable/1913236>
- Fama, E. (1970). Efficient Capital Markets: A Review of the Theory. *The Journal of Finance*, 25(2), 383–417.
- Gürgün, G., & Ünalmiş, I. (2014). Is gold a safe haven against equity market investment in emerging and developing countries? *Finance Research Letters*, 11(4), 341–348. <https://doi.org/10.1016/j.frl.2014.07.003>
- Hasanzadeh, A., & Kianvand, M. (2012). The Impact of Macroeconomic Variables on Stock Prices: The Case of Tehran Stock Exchange. *Money and Economy*, 6(2), 171–190. <https://doi.org/10.5539/ijbm.v14n6p99>
- Jordan, S. J., Vivian, A., & Wohar, M. E. (2016). Can commodity returns forecast Canadian sector stock returns? *International Review of Economics and Finance*, 41, 172–188. <https://doi.org/10.1016/j.iref.2015.08.013>
- Kapahang, M. M., & Robiyanto, R. (2018). Apakah Logam Mulia Merupakan Safe Haven atau Hedge pada Beberapa Pasar Modal di Dunia? *Jurnal Fokus Ekonomi*, 13(2), 280–300.
- Karim, B. A., & Karim, Z. A. (2012). Integration of ASEAN-5 stock markets: A revisit. *Asian Academy of Management Journal of Accounting and Finance*, 8(2), 21–41.

- Kenani, J. M., Purnomo, J., & Maoni, F. (2013). The Impact of the Global Financial Crisis on the Integration of the Chinese and Indonesian Stock Markets. *International Journal of Economics and Finance*, 5(9), 69–81. <https://doi.org/10.5539/ijef.v5n9p69>
- Lim, K., Lee, H., & Liew, K. (2003). International Diversification Benefits in Asean Stock Markets: a Revisit. *Economics Working Paper, University Putra, Malaysia*, 1978(2000), 1–17. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.199.8899&rep=rep1&type=pdf>
- Lucey, B. M., & Li, S. (2015). What precious metals act as safe havens, and when? Some US evidence. *Applied Economics Letters*, 22(1), 35–45. <https://doi.org/10.1080/13504851.2014.920471>
- Majid, M. S. A., Meera, A. K. M., & Omar, M. A. (2008). Interdependence of asean-5 stock markets from the us and Japan. *Global Economic Review*, 37(2), 201–225. <https://doi.org/10.1080/12265080802021201>
- Maneenop, S., & Kotcharin, S. (2020). The impacts of COVID-19 on the global airline industry: An event study approach. *Journal of Air Transport Management*, 89(August), 101920. <https://doi.org/10.1016/j.jairtraman.2020.101920>
- Markowitz, H. M. (1952). Portfolio Selection. *The Journal of Finance*, 7(1), 77–91. <http://www.jstor.org/stabl>
- Mazur, M., Dang, M., & Vega, M. (2020). COVID-19 and the march 2020 stock market crash. Evidence from S&P1500. *Finance Research Letters*, May, 101690. <https://doi.org/10.1016/j.frl.2020.101690>
- Miljkovic, D. (1999). The Law of One Price in International Trade: A Critical Review. *Applied Economic Perspectives and Policy*, 21(1), 126–139. <https://doi.org/10.2307/1349976>
- Mohti, W., Dionísio, A., Vieira, I., & Ferreira, P. (2019). Regional and global integration of Asian stock markets. *Research in International Business and Finance*, 50(June), 357–368. <https://doi.org/10.1016/j.ribaf.2019.06.003>
- Muharam, H., Robiyanto, R., Pangestuti, I. R. D., & Mawardi, W. (2020). Measuring asian stock market integration by using orthogonal generalized autoregressive conditional heteroscedasticity. *Montenegrin Journal of Economics*, 16(1), 121–137. <https://doi.org/10.14254/1800-5845/2020.16-1.8>
- Mukherjee, K., & Mishra, R. K. (2007). International stock market integration and its economic determinants: A study of Indian and world equity markets. *Vikalpa*, 32(4), 29–44. <https://doi.org/10.1177/0256090920070403>
- Najeeb, S. F., Bacha, O., & Masih, M. (2015). Does heterogeneity in investment horizons affect portfolio diversification? Some insights using M-GARCH-DCC and Wavelet correlation analysis. *Emerging Markets Finance and Trade*,

- 51(1), 188–208. <https://doi.org/10.1080/1540496X.2015.1011531>
- Nguyen, C., Bhatti, M. I., Komorníková, M., & Komorník, J. (2016). Gold price and stock markets nexus under mixed-copulas. *Economic Modelling*, 58, 283–292. <https://doi.org/10.1016/j.econmod.2016.05.024>
- Putra, M. P. S., Atahau, A. D. R., & Robiyanto, R. (2018). Cross-asset class portfolio between gold and stocks in Indonesia. *Economic Journal of Emerging Markets*, 10(1), 69–81. <https://doi.org/10.20885/ejem.vol10.iss1.art8>
- Reboredo, J. C. (2013). Is gold a hedge or safe haven against oil price movements? *Resources Policy*, 38(2), 130–137. <https://doi.org/10.1016/j.resourpol.2013.02.003>
- Robiyanto, R. (2018a). Gold VS bonds: What is the safe haven for the Indonesian and Malaysian capital market? *Gadjah Mada International Journal of Business*, 20(3), 277–302. <https://doi.org/10.22146/gamaijb.27775>
- Robiyanto, R. (2018b). Indonesian stock market's dynamic integration with Asian stock markets and world stock markets. *Jurnal Pengurusan*, 52, 181–192. <https://doi.org/10.17576/pengurusan-2018-52-15>
- Robiyanto, R. (2018c). The Dynamic Correlation between ASEAN-5 Stock Markets and World Oil Prices. *Jurnal Keuangan Dan Perbankan*, 22(2), 198–210. <https://doi.org/10.26905/jkdp.v22i2.1688>
- Robiyanto, R., Wahyudi, S., & Pangestuti, I. R. D. (2017). Testing Commodities As Save Haven And Hedging Instrument On Asean's Five Stock Markets. *JURNAL EKONOMI KUANTITATIF TERAPAN*, 10(2), 231–238.
- Ross, S. A. (1976). The arbitrage theory of capital asset pricing (Working Paper Version). *Journal of Economic Theory*, 13(3), 341–360. <http://www.investmentanomalies.com/articles/031.pdf>
- Sekaran, U., & Bougie, R. (2016). Research methods for business : a skill-building approach. In Intergovernmental Panel on Climate Change (Ed.), *Chichester, West Sussex, United Kingdom: John Wiley & Sons* (Seventh). Cambridge University Press. <https://doi.org/10.1017/CBO9781107415324.004>
- Selmi, R., Mensi, W., Hammoudeh, S., & Bouoiyour, J. (2018). Is Bitcoin a hedge, a safe haven or a diversifier for oil price movements? A comparison with gold. *Energy Economics*, 74(December 2016), 787–801. <https://doi.org/10.1016/j.eneco.2018.07.007>
- Shabri Abd Majid, M., Kameel Mydin Meera, A., Azmi Omar, M., & Abdul Aziz, H. (2009). Dynamic linkages among ASEAN-5 emerging stock markets. *International Journal of Emerging Markets*, 4(2), 160–184. <https://doi.org/10.1108/17468800910945783>
- Sharif, A., Aloui, C., & Yarovaya, L. (2020). COVID-19 pandemic, oil prices, stock

market, geopolitical risk and policy uncertainty nexus in the US economy: Fresh evidence from the wavelet-based approach. *International Review of Financial Analysis*, 70(May), 101496. <https://doi.org/10.1016/j.irfa.2020.101496>

Sharma, A., & Seth, N. (2012). Literature review of stock market integration: a global perspective. *Qualitative Research in Financial Markets*, 4(1), 84–122. <https://doi.org/10.1108/17554171211213568>

Surya, D., & Santoso, J. S. (2017). Analisis Pengaruh Harga Komoditas dan Pasar Modal Dunia Terhadap IHSG. *Jurnal STEI Ekonomi*, 26(2), 182–201. <https://doi.org/10.36406/jemi.v26i2.223>

Vardar, G., Coşkun, Y., & Yelkenci, T. (2018). Shock transmission and volatility spillover in stock and commodity markets: evidence from advanced and emerging markets. *Eurasian Economic Review*, 8(2), 231–288. <https://doi.org/10.1007/s40822-018-0095-3>

WHO. (2020). Coronavirus Disease 2019 Situation Report 51 - 11th March 2020. *WHO Bulletin*, 2019(March), 2633. <https://doi.org/10.1001/jama.2020.2633>