

INDEX

Note: Page numbers followed by “*n*” indicate notes.

- Active fund managers, 90
- Administrated inflation, 158
- Aggregate Supply–Aggregate Demand model, 38
- ARCH–GARCH model, 153
- Artificial neural networks (ANNs), 24
- ASEAN-5, 23
- Asymmetric Multifractal Detrended Fluctuation Analysis (A-MF DFA), 153
- Audit quality (AQ), 186
 - and ERC, 188
- Augmented Dickey–Fuller tests (ADF tests), 26, 73, 159
- Autocorrelation (AC), 159–160
- Automated teller machines (ATMs), 58
- Autoregressive distributed lag (ARDL), 23, 32–34
- Autoregressive Integrated Moving Average model (ARIMA model), 153, 156–157
 - estimation, 160–162
 - forecasting inflation using, 162
- Autoregressive model (AR model), 157

- Baba–Engle–Kraft–Kroner–GARCH model (BEKK–GARCH model), 71, 74–75 (*see also* Diagonal BEKK–GARCH model)
- Bangkok International Banking Facilities, 102
- Bank of Thailand, 102
- Banking development, 108–109
 - measurements of, 103–107
- Banking sector, 102

- Bayesian SVAR model, 3
- Bitcoin, 70, 76–77
 - lagged returns, 79
 - literature on, 71
 - price volatility, 71
- Bitcoin-cash, 70
- Blockchain, 70
- Bond, 133
- Bond markets, 133 (*see also* Capital market)
 - analyses and results, 138–143
 - literature review, 133–135
 - methodology, 135–137
- Box-Jenkins technique, 157
- Brazil, Russia, India and China (BRICs), 132, 135
 - countries, 132
 - equity markets, 133
 - impulse response results, 148–149
 - nations, 132–133
- Brent oil index, 73
- Breusch-Pagan test, 94

- Capital accumulation, 107
- Capital market, 170 (*see also* Bond markets)
 - data and methodology, 175–176
 - findings, 176–182
 - and investment, 173
 - literature review, 173–175
- Capital Market Laws, 85
- Capital Market Summit and Expo (2019), 171
- Central bank communication, 4
- CFA
 - certificates, 97
 - certification, 89
 - holders, 89

- Classical assumption tests, 93
 Classical dichotomy, 43, 62*n*9
 Classical growth performance, 107
 CoinDesk, 73
 Cointegration, 133–134
 Composite Stock Price Index, 186
 Constant conditional correlation (CCC), 74
 Conventional equity fund (CEF), 85–86
 Cost-push inflation, 155
 COVID-19, 152–153, 158, 163
 Credit Planning Approach of Monetary Policy formulation, 22
 Cryptocurrency, 70
 trading volume in, 70
 Cumulative abnormal return (CAR), 187
- Data preparation, 26–27
 Data stationarity test, 159–160
 Decision tree, 27
 Demand shock, 6
 Demand-pull inflation, 155
 Descriptive statistic, 110–111
 Diagnostic tests, 143
 Diagonal BEKK–GARCH model, 71, 78
 data and methodology, 73–76
 empirical results, 76–79
 literature review, 71–72
 Distortion effect, 152
 Diversification, 132
 Domestic inflation, 155
 Dynamic aggregate demand curve, 39
 Dynamic aggregate supply curve, 40
 Dynamic IS equation, 39
 Dynamic stochastic general equilibrium model (DSGE model), 39–41
- Earnings persistence (EP), 186
 and ERC, 187
 Earnings response coefficient (ERC), 186
- AQ and, 188
 EP and, 187
 IS and, 187
 research methods, 188–189
 research results, 189–191
 SR and, 187–188
- Eckel Index, 188
 Economic, 170
 analysis, 41
 growth, 102
 theory, 45
- Education background, 85
 Efficient market hypothesis (EMH), 134, 173
 Ensemble method, 27
 Equation of exchange, 44–45
 Equity fund, 85–86
 portfolio, 84
 Error correction model (ECM), 23
 Estimation techniques, 136
 Eternal question, 86
 for investors, 85
 Ethereum, 70
 European Central Bank (ECB), 41
- Farmers, 119
 Final Prediction Error (FPE), 139
 Finance-growth nexus, 107–108
 Financial attitude, 127
 Financial behavior, 120, 122
 Financial depth, 104–105
 Financial efficiency, 105–106
 Financial inclusion, 103, 106–107, 172, 174
 Financial innovation, 23
 Financial institutions, 102–103
 Financial liberalization, 62*n*10, 104
 Financial literacy, 118, 172–174
 literature review, 119–120
 methods, 120–121
 results, 121–126
 Financial shocks, 58
 Financial socialization, 172
 Financial stability, 105, 111
 Firm Growth (GR), 189

- Firm size (SIZE), 189
- Fisher Effect, 1
- Fixed effect model (FEM), 94
- Fixed nominal interest rate, escape
ZLB with, 9–11
- Forecasting, 22
- Forward guidance policy, 2
- GDP ratios, 132
- Generalized autoregressive
conditional
heteroskedasticity models
(GARCH models), 71, 153
- Generalized least squares (GLS), 189
- Generalized method of moments
(GMMs), 103, 110, 112–113
- Gold price, 71
- Gross provincial product (GPP), 109,
111
- Hannan-Quinn's Criterion (HQIC),
139
- Hausman test, 94
- Health, 120
- Hicks–Hansen synthesis, 38
- Higher management fee, 90
- Household
credit, 102
welfare, 108–109
- Identity, 44
- Imported inflation, 156
- Impulse responses, 142–143
- Income smoothing (IS), 186
and ERC, 187
IS–LM synthesis, 38
research methods, 188–189
research results, 189–191
- Index of Industrial Production (IIP),
25
- India's money demand function, 23
- Indonesia Stock Exchange (IDX), 84,
171, 188
- Indonesian capital market, 186
- Indonesian equity funds
literature review, 85–91
research methods, 91–92
results, 92–97
- Inflation (INF), 31, 43, 109, 111, 152,
155
forecasting, 162
gap, 155
rate, 109, 111
targeting, 41
theory, 154–156
- Inflation volatility, 152
data and methodology, 156–158
findings, 158–166
literature review, 154–156
- Information of earnings, 186
- Institutional responsibility, 105
- Interdependence, 132
- Interest rate, 57
approach, 46
policy, 38
reaction function, 40
- International Financial Reporting
Standards (IFRS), 186
- Investment, 173 (*see also* Socially
responsible investment
(SRI))
portfolio, 84
- Investment Gallery (IG), 171–172
- Investment managers, 86
characteristics and fund
performance, 89–91
- Investors, 70, 186
characteristics, 87–88
- Jarque-Bera test results (JB test
results), 77
- Keynes's liquidity preference theory,
42
- Keynes's theory, 154
- Khon Kaen University Ethics
Committee, 120
- Kwiatkowski, Phillips, Schmidt
and Shin Test (KPSS Test),
136

- Leverage (LEV), 189
- Liquidity trap, 2–3, 6
- Litecoin, 70
- Local banking development, 103
- Local financial development, 108
- Loss function, 8, 40–41

- Machine learning models, 24, 32–34
- Macroeconometric models, irrelevance of money in, 48–49
- Management fee, 90, 95
- Market
 - capitalization, 31
 - efficiency, 173
- McCallum rule, 58–59
- Mean Absolute Error (MAE), 30
- Middle-range theory, 174
- Minimum loan rate (MLR), 109, 111
- Monetary aggregates (M1), 25, 43
 - targeting, 58
- Monetary analysis, 41
- Monetary policy, 38
 - approaches to role of money in, 44–46
 - loss function, 8
 - rule, 40
 - in Simple New Keynesian DSGE Model, 5–6
 - Taylor rule, 6–7
- Money, 38
 - approaches to role of money in
 - monetary policy, 44–46
 - market, 38
 - motivation of study, 41–42
 - NK-DSGE model, 39–41
 - reasons for irrelevance with
 - theoretical perspective, 47–48
 - reasons for relevance with
 - theoretical perspective, 49–52
 - review of empirical literature, 52
 - survey of literature, 46–52
 - theoretical accounts, 42–43
- Money demand, 21
 - data, 25–27
 - functions, 24
 - literature review, 22–25
 - random forest regression, 27–29
 - results, 29–34
- Money demand function (MDF), 38, 41, 57–58
- Moving average (MA), 157
- Multinomial logistic regression (ML regression), 95–96
- Multivariate GARCH, 71
- Multivariate VAR approach, 136

- National Statistical Office (NSO), 103
- Negative screening, 84
- Neo-Fisherianism, 2–3
 - implementation and credibility, 14–15
 - policy based on, 4–5, 8–15
 - robustness of policy, 12–14
 - theory of, 3
- Neoclassical synthesis, 38
- Neutrality of money, 62*n*9
- New Consensus Model, 58
- New Keynesian (NK), 39
- New Keynesian Dynamic Stochastic General Equilibrium model (NK-DSGE model), 39–41
- New Keynesian Model*, 3, 12
- New Keynesian Phillips Curve (NKPC), 2, 5, 40
- New Monetarist economics, 43
- Nominal Effective Exchange Rate (NEER), 25
- Non-neutrality of money, 43, 62*n*8
- Null hypothesis, 109–110
- Nutrition, 120

- Oil index, 73
- Oil price, 71–72
- Opportunity cost of sin stock screening, 86–87
- Optimal lag selection, 139–140

- Partial autocorrelation (PAC), 159–160
- Phillips–Perron tests (PP tests), 26, 136
- Portfolio, 95
- Preliminary test, 138–139
- Price
 - level, 152
 - price-setting curve, 40
 - stability, 152
 - uncertainty, 152
- Python, 28
- Quality of life, 118
- Quantity theory, 154
- Quantity Theory of Money (QTM), 42, 44, 58
- Random effect model (REM), 94
- Random forest
 - algorithm, 24
 - methodology, 22, 28–29
 - regression, 27
- Recursive partitioning, 27
- Rigidity of food supply, 155
- Ripple, 70
- Root Mean Square Error (RMSE), 30
- SBIC, 139
- Short-run MDF, 48
- Signaling theory, 186–187
- Simple New Keynesian DSGE Model, 5–6
- Sin stocks, 84, 86
 - avoidance in portfolio construction, 84
 - invested by equity funds in Indonesia, 92
- Single Investor Identification (SID), 171
- Social responsibility, 84, 87–88
- Socially responsible investment (SRI), 84
 - characteristic, 88–89
 - Kehati index, 84
- Socioeconomic welfare, 47
- Stellar Litecoin, 70
- Stiffness export revenues, 154–155
- Stock Exchange Corner, 171
- Structuralist theory, 154–155
- Sustainable development, 120
- Swiss National Bank (SNB), 51
- Systematic risk (SR), 186
 - and ERC, 187–188
- Taylor Principle, 7
- Taylor rule, 3, 6–7, 10, 40
- Test data set, 28–29
- Tether, 70
- Thailand, 102, 118
 - empirical results, 110–113
 - literature review, 103–109
 - research methodology, 109–110
- Traditional model, 32–34
- Training data set, 28–29
- Tree-based machine learning
 - algorithms, 27
- Two-pillar strategy, 41
- Unexpected earnings (UE), 188
- Unit root tests, 27, 109–111
- Upper echelon theory, 86
- US Generally Accepted Accounting Principles (GAAP), 186
- Variable importances, 31–32
- Variable nominal interest rate, escape ZLB with, 11–12
- Variance decomposition, 142–143
- Vector autoregressive stochastic process model (VAR stochastic process model), 135–137
 - results, 140–141
- Vector ECM (VECM), 32
- Velocity of money, 45
- Volatility, 70–71, 152
- Weighted Average Call Money Rate (WACMR), 25

- Weighted Net Balance (WNB), 163
- Well-being, 118–119
- West Texas oil price index, 73
- Wholesale Price Index inflation (WPI inflation), 25
- Women fund managers, 91
- Wooldridge test, 94
- Zero Lower Bound (ZLB), 2–3, 5
 - escape ZLB with fixed nominal interest rate, 9–11
 - escape ZLB with variable nominal interest rate, 11–12