

Index

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

- Abusive protectionism, 102
- Ad-valorem tariff, 275
- Akaike information criterion (AIC), 90
- Allocative inefficiency Deadweight loss
- “America–First” approach, xxxiii, 17
- American Chamber of Commerce in China (AmCham), 104
- American Political System, 126
- American Superconductor Corporation (AMSC), 104
- Annual Survey of Industry (ASI), 176
- Anti-dumping rules (ADP rules), 100, 188*n*1
- Anti-subsidy tariff, 100
- Asian Development Bank (ADB), 18
- Asian Development Outlook (ADO), 133
- Asian Infrastructure Investment Bank (AIIB), 110
- Asymmetric Mixed Data Sampling model (AMIDAS model), 164
- Atkinson Index, 329
 - of inequality for States of India, 331–334
- Augmented Dickey–Fuller unit root tests (ADF unit root tests), 50–51, 72–73, 75–76, 115, 156, 166
- Average import duty, 328–329
- Average wage, 196–197
- Aviation Industry Corporation of China (AVIC), 247
- Bai–Perron multiple breaks point tests, 157–158, 183
- Balance of payments (BoP), 98, 221
- Balance of trade, 47
- Banana wars (1993), 4, 8
- Basic force model, 246
- Beef War, 8
- Belt and Road Initiative (BRI), 267
- Big money, 21
- Blacksea Economic Cooperation (BSEC), 47
- Block exogeneity Wald test results, 116–117
- Bound rate, 68
- Bretton Woods Institutions (BWI), 45
- Breusch–Godfrey Serial Correlation LM test, 183
- Canonical correlation analysis (CCORA), 248
- Canonical root, 249
- Canonical variate, 248
- Capital
 - formation, 225
 - input, 177–178
- Carbon
 - emission in trade, 316
 - leakage, 303
 - taxes, 236–237
- Chicken tariff, 4
- China, 110, 162, 244, 259–260
 - currency policy, 10
 - economy and development, 232–234
 - holdings of US public and private securities, 128–129
 - trade and business between, 264–265
 - unauthorized cyber intrusions, 127–128

- US foreign assistance to, 265
- and US trade policies, 234–235
- China State Shipbuilding Corporation (CSSC), 247
- Chinese enterprises, 18
- Chow test, 156, 206
- Climate
 - change, 302
 - policy, 300
- Coefficient of variation, 157
- Cointegration test, 73, 75–76
- COLS method, 179
- Commission for Integrated Military and Civilian Development (CCIMD), 244
- Commitment to Development Index, 46
- Commodity Price Index (CPI), 117
- Communist Party, 244
- Comparative advantage theory, 69
- Competition, 235
- Competitive trade theory, 88
- Computable general equilibrium model (CGE model), 164
- Congressional Budget Office (CBO), 114
- Crude oil, 114
- Cuddy–Della Valle Index, 206
- Currency, 130
 - manipulation, 10
 - war, 4–5, 101
- Cyber intrusions, 127–128
- Cyber Theft, 104

- Deadweight loss, 21
- Demand-driven effect (DDE), 27
- Developed nations, 82
- Developing countries, 224–225
 - decision in front of, 277–278
- Developing economies, 154
- Developing market economies, 58
- Developing nations, 68
- Disruption of global value chain, 130
- Distortions, 48

- Dixit–Stiglitz framework, 32
- Dynamic comparative advantages, 71
- Dynamic panel models, 89–90

- Economic downturn, 58, 63
- Economic globalization, 44
 - development with emissions
 - in era of globalization, 300–302
 - policy implications, 302–304
 - qualitative analysis, 297–300
 - rationale and objective of study, 297
 - review of literature, 295–296
- Economic growth, 142, 295
 - methodology and data, 145–147
 - objectives, 145
 - results of analysis, 147–149
 - survey of literature, 143–145
- Economic integration, 272–273
 - decision in front of developing countries, 277–278
 - game theoretic approach, 276–277
 - imposition of tariff and emergence of trade war, 274–276
 - review of existing literature, 273–274
- Economic Policy Uncertainty (EPU), xxxvii, 113–114
- Economic/economy, 161, 232, 260
 - liberalism, 246
 - policy, 272
 - vulnerabilities in, 162
- Effective rate, 68
- Emergency Tariff Act (1921), 6–7
- Emerging market economies, 58
- Employment effects, 134
- Endogenous structural break analysis,
 - estimated results of, 147–148
- Engle–Granger cointegration analysis, 163, 165
- Environmental Kuznets Curve (EKC), 314

- Environmentally Extended Multi Regional Input–Output analysis (EEMRIO analysis), 315
- Equally Distributed Equivalent income (EDE income), 331
- Error correction model (ECM), 73–74, 77 (*see also* Microtheoretic model) estimable ECM model, 74–79
- European Union (EU), 4, 188
- Excess burden (*see* Deadweight loss)
- Exchange rate (EXR), 89
- Expectations-augmented Philips curve theory, 48
- Exploratory analysis, 156
- Export, 85–86, 142–143 credit, 196 destination, 191 subsidies, 46
- Export and Import Policy (Exim Policy), 142
- Export share, 155 data and methodology, 155–157 empirical results, 157–159
- Export-led growth hypothesis (ELG hypothesis), 143, 295
- Fairness, 320
- Financial year (FY), 265
- First-differenced GMM estimation process, 92–93
- Force activation model, 246
- Fordney-McCumber Tariff Act, 6–7
- Foreign direct investment (FDI), 89, 194, 196, 253 inflow, 328–329
- Foreign exchange market, 113
- Foreign import, 272
- Foreign trade, 142
- Free trade, 32, 46, 218, 277–278 principle, 16
- Full employment, 22, 24
- Fuzzy DEMATEL method, 282, 284–286
- G20 Summit, 111
- Game theoretic approach, 276–277
- Gender gap, 326, 331
- Gender inequality, 326 limitations of study, 338 literature review, 326–327 methodology, 327–330
- Gender Inequality Index (GII), 328 of Indian States, 334–336 on States of India, 336–337
- General Agreement on Tariffs and Trade (GATT), 6, 12, 44, 68, 154, 218
- General Equilibrium (GE), 19–21
- Generalized canonical correlation analysis (GCCA), 249
- Generalized entropy (GE), 334
- Generalized method of moments (GMM), xxxvii, 89–90
- Gini coefficient, 327
- Global market, 112
- Global saving glut, 99
- Global super power, battle for dominance of, 125–126
- Global trade, 313–314 policies, 232 recommendations, 317–321 trade policies and environment, 315–317
- Global Trade Analysis Project (GTAP), 59, 123
- Globalization, 16, 44, 52, 58, 232, 235–236, 294 (*see also* Economic globalization) benefits, 45 gains and pains, 47 process, 47 of supply chains, 300
- Globalization gap (Globgap), 48–50
- Government in tariff setting, 38–40
- Government Procurement Agreement (GPA), 104
- Gradual shift of trade philosophy, 126
- Granger causality test, 146–147 results of, 148–149

- Greenhouse gases (GHGs), 301
- Gross domestic product (GDP), 19,
89, 142, 221, 248
 effects on, 133
 rate of GDP growth, 328–329
- Gross fixed capital formation
(GFCF), 178
- Gross national income (GNI), 131
- Gross national product (GNP), 89
- Gross value added (GVA), 177
- Growth
 and development, 247
 rate, 205–206
- Growth led exports hypothesis (GLE
 hypothesis), 295–296
- Harmonized System (HS), 131
- Hawley–Smoot Tariff Act,
 xxxiii–xxxiv
- Hegemonic services, 7
- Hegemonic stability theory, 245
- Hegemonic war, 245
- Hegemons, 98
- High US trade deficit with China,
 126–127
- Hodrick–Prescott filter (HP filter), 50
- Iceberg cost, 86
- Ideology, 260
- Imperial presidency, 20–21
- Import, 142–143 (*see also* Export)
 tariff, 85–86
- Impulse response
 function, 115
 results, 117
- Income inequality, 326
- India, 182–183
 data analysis, 195–198
 export, 191
 literature review and gap, 193–194
 profile, 191–193
 results, 198–199
- Indian economy, 142, 294
- Inequality, 329–331
- Inequality-adjusted Human
 Development (IHDI), 328
 of Indian States, 334–336
- Infinitesimal changes of trade policy,
 21
- Inflation (INF), 89
 effects, 133
- Information Technology (IT), 253
- Innovation, 319
- Input-driven growth, 174
- Instability measurement, 206–207
- Instrumental Variables Generalized
 Method of Moments
 technique (IV-GMM
 technique), 50
- Integrated database (IDB), 195*n*6
- Intellectual property (IP), 100,
 103–104
 theft, 127–128
- Intellectual property rights (IPR),
 103–104, 253
- Interdisciplinary approach, 320
- Interest rates, 163
- International collaborations and
 agreements, 314
- International equilibrium, 61–62
- International joint ventures (IJV), 144
- International Labor Organization
(ILO), 197
- International Monetary Fund (IMF),
 12, 18, 218
- International trade, 32, 44, 47,
 141–142, 144, 314
- Iron triangle, 244
- J-curve result, 296
- Jarque-Bera statistic, 78
- Job loss in US, 127
- Johnson equilibrium, 276
- Keynesian framework, 60
- Kuznets hypothesis, 297
- Kwiatkowski–Phillips–Schmidt–Shin
 test (KPSS test), 197

- Labor
 - index, 177
 - input, 177
 - wages, 235–236
- Liberal theorists, 246
- Liberalization, 294
- Liberalization, privatization, and globalization (LPG), 294
- Local/national trade policies, 314
- Logarithmic transformation of Cobb–Douglas, 179
- Long-term strategic approach, 320
- Macroeconomic
 - adjustment, 130
 - propagation, 60
- Made-in-China 2025 Initiative (MIC2025 Initiative), 126
- Manufacturing, 87, 234
 - activities, 175
 - industries, 176
 - sector, 129
- Maritime shipping, 315
- Maritime Silk Road project (MSR project), 110
- Market-oriented economic reforms, 326
- Maternal mortality ratio (MMR), 336
- Maximum-likelihood method (ML method), 179
- Mercantilism, 69, 245
- Microtheoretic model, xxxvi
 - baseline model, 34–40
 - comparative statics, 36–38
 - government in tariff setting, 38–40
 - objective, 32
 - review of literature, 32–34
 - impact of tariff war on welfare, 38
 - trade war through tariff retaliation, 35–36
- Military forces, 244
- Military–Industrial Complex (MIC), 244
 - findings and results, 250–254
 - literature review and theoretical framework, 244–247
 - methodology and data requirements, 248–250
- Most favored nation (MFN), 100, 223
- Multi fiber agreement (MFA), 9, 148
- Multinational corporations (MNCs), 16
 - functionalities, 17
 - impact, 18
- Multiple regression technique, 131
- Nash equilibrium, 276
- National productivity, improvement of, 88
- Negative Tariff Ridden Effect (NTRE), 24
- Neo-classical realists, 246
- Neo-liberals, 236
- Neo-mercantilism, 99–100
- Neo-protectionism, 187
- New Industrial Policy (1991), 218
- Non-tariff barriers (NTB), 188, 253
- Non-tariff measures (NTMs), 221
- North American Free Trade Agreement (NAFTA), 106
- North economies, 86
- Obs**R*-squared statistic, 183
- Oil prices, 163
 - analysis for US–China trade war, 166–167
 - literature review, 163–165
 - methodology, 165–166
 - volatility, 164
- One-time endogenous structural break (Zivot and Andrews approach), 145–146
- Opium Wars, 4
- Optimum tariff, 275
- Ordinary least squares estimations (OLS estimations), 198, 296

- Paris Agreement, 314
- People's Republic of China (PRC),
19, 244
- Per capita income, 195
- Perpetual inventory method (PIM),
177–178
- Perron's method, 145
- Philip Peron unit root tests (P–P unit
root tests), 50–51
- Poirier's Spline function approach, 206
- Political economy of trade tariff and
policies, 232
- China and US trade policies,
234–235
- China's economy and
development, 232–234
- impacts of trade policies on global
policy, 235–237
- recommendations for future
trade policies and tariff
strategies, 237–238
- Pollution haven hypothesis, 303
- Positive Tariff Ridden Effect (PTRE),
24
- Post-independence development
plans, 174
- Potential globalization (PG), 50
- Prisoner's dilemma, 276
- Privatization, 295
- Productivity-driven growth, 174
- Protectionism, 16, 188, 220, 272–273,
278
- Prototype H–O model of
international trade, 33
- Purchasing power Parity GNI
(PPPGNI), 124, 130–131
- Quantitative easing, 101
- Real effective exchange rate (REER),
193, 195
- Recession, 274
- outbreak of, 62–64
- Reciprocal dumping, 33
- Reciprocal Trade Agreement Act
(1934), 6
- Redundancy analysis (RDA), 248
- Regional Comprehensive Economic
Partnership (RCEP),
218
- Regional dynamics, 88
- Regional trade agreements (RTAs), 58
- Regression equation, 133
- Renewable energy (RE), 314
- Renminbi (RMB), 102–103
- Reserve Bank of India (RBI), 191
- Restricted trade, 44, 49, 52
- Roosevelt Administration, 7
- Rybczynski theorem, 24
- Sanitary and Phyto sanitary measures
(SPS measures), 188*n*1
- Scale change, 177
- Shino–US tariff war implications
impact on India's tea
export, 213–214
- Silk Road Economic Belt project, 110
- Sino-American hostility, 263–267
- Smoot–Hawley Tariff Act (1930),
xxxiii–xxxiv, 4–7
- Social accounting matrix (SAM), 164
- Social democratic parties, 236
- Social indicators, 282
- analysis regarding effects of trade
war on, 286–287
- Fuzzy DEMATEL method,
284–286
- literature review, 282–284
- Social welfare function, 24–25
- Softwood lumber issues, 11
- South Asian Nations (SANs), 297
- South economies, 87
- State capitalism, 98
- Stationary test results, 115–116
- Steel Tariff War (2002), 9
- Stella-Casual loop diagram, 223–224
- Stochastic Frontier Approach (SFA),
176

- measurement of TFPG by, 178–179
- Stolper–Samuelson theorem (SS theorem), 23–24
- Structural break, 208–210
- Structural break analysis, 147
- Sup F type test, 156–157
- Sustainability, 314, 316
- Sustainable development goals (SDG), 154–155, 318
- Switching points, 208–210

- T-bill and Eurodollar (TED), 114
- Tariff (TRF), 44, 68–69, 85, 142–143, 188, 218, 263
 - policy, 40, 60
 - rate, 60–61, 68, 275
 - tariff–growth paradox, 72
 - trade war through tariff retaliation, 35–36
- Tariff imposition, 86, 274–276
 - data and methodology, 88–90
 - empirical results, 90–94
 - literature survey, 87–88
- Tariff war, xxxiv–xxxv, 4–5, 110
 - baseline model, 60–62
 - comparative statics, 23–24
 - literature review, 19–21, 58–60
 - objective, 60
 - outbreak of recession, trade friction, and, 62–64
 - impact of tariff war on welfare, 38
 - theoretical foundation of hybrid model, 21–23
 - variant of basic model, 25–27
- Tariff-rate quotas (TRQs), 12
- Tea export, 204–205
 - descriptive statistics and growth rate and instability, 210–212
 - policy implication, 214–215
 - research methodology, 205–207
 - research results, 207–214
- Technical barriers to trade (TBT), 188*n*1
- Technical efficiency, 177, 179
- Technological progress, 177
- Terms of trade (TOT), 275
- Theil Entropy Index (TE), 329–330
 - for states of India, 330–331
- Thucydides trap, 98
- Time series econometric enquiry
 - empirical findings, 74
 - estimable ECM model, 74–79
 - objectives, data, variables, and methodology of study, 72–74
 - theoretical background, 69–72
- Tire-fight, 10–11
- “Tit-for-tat-tariff” battle, 266
- Toda-Yamamoto causality analysis, 163, 165–167
- Tokyo Round of the GATT, 158
- Total factor productivity (TFP), 174
- Total factor productivity growth (TFPG), 174, 176–177
 - comparison between results of West Bengal and India, 182–183
 - literature review, 175–176
 - measurement of output and inputs, 177–178
 - methodology and database, 176–181
 - objectives, 176
 - results, 181–182
- Trade (TRD), 89–90, 154, 294
 - barriers, 46, 70, 87, 195
 - and business between United States and China, 264–265
 - diversions, 129
 - footprint, 318
 - outbreak of trade friction, 62–64
 - as percentage of GDP, 68–69
 - surplus, 98, 100
 - tariffs, 236–237, 313–314
 - theory, 276
 - trade-disruptive economic model, 111
- Trade Act (1974), 219–220

- Trade GDP ratio (TGR), 124
- Trade openness, 49, 155, 328–329
 impact on India's tea export, 212–213
 measurement, 207
- Trade policies, 69–70, 86–87, 232, 238, 313–314, 316
 and environment, 315–317
 impacts of trade policies on global policy, 235–237
 of India, 218
 and tariffs, 321
- Trade restrictions, 283
 policies, 46
- Trade war(s), 4, 16, 21, 24–25, 58–59, 163, 220, 245, 260, 273–274, 281–282
 before and after World War II, 7–8
 Banana War and Beef War, 8
 during Bush era, 102–103
 causes of trade conflicts between US and China, 125–129
 China's currency policy, 10
 economic factors, 126–129
 economic implications of, xxxv–xxxix
 emergence of, 274–276
 empirical analysis, 130–133
 Great Trade War, 11–13
 historical evidences of trade war between US and China, 124–125
 impact on Asian economies, 133–134
 literature review, 123, 220–222
 methodology, 223
 non-economic strategic factors, 125–126
 during Obama era, 103–105
 objective of study and methodology, 5, 123–124, 223
 performance analysis of system and results, 224–226
 political, social and environmental aspects of, xxxix–xli
 in presence of unemployment, 27
 significance of study, 222–223
 Smoot-Hawley Tariff Act, 5–7
 on social situations, 284
 Steel Tariff War (2002), 9
 through tariff retaliation, 35–36
 US–Canada softwood lumber issues, 11
 US–China tire-fight under Obama administration, 10–11
 effect of US–China trade war, 129–130
 between Washington and Beijing, 265–267
 after World War I, 5
- Tradeoff, 44
 data and methodology, 48–50
 results, 50–53
- Trans-Pacific Partnership (TPP), 106
- Treaty of Wangxia, 259–260
- Trend stationary (TS), 147
- Trumponomics, 272
- Turkey-EU (T-EU), 47
- Two-stage game, 40
- UD max test, 156–157
- Uncertainty, 130, 284
- Unemployment, 25–27
- Unemployment augmented tariff ridden effect (UATRE), 26
- Unfair trade practices, 122
- Unit root test, 115, 131, 207–208
- United Nations Educational, Scientific and Cultural Organization (UNESCO), 154
- United States (US), 110, 162, 244, 259–260
 firms, 105
 importers, 221
 shocks, 112
 trade and business between, 264–265
- United States International Trade Commission (USITC), 104
- Univariate time series, 156

- Uruguay Round, 68–69
 - of GATT agreement, 158
- US Energy Information Administration (EIA), 114
- US foreign assistance to China, 265
- US Generalized System of Preferences (GSP), 219
 - withdrawals, 220
- US Trade Act (1974), 124
- USA–China Trade War, 98
 - border to borderless world, 99–102
 - during Donald Trump, 105–107
 - escalates, 102–107
 - objectives, 99
- US–Canada softwood lumber issues, 11
- US–China tire-fight under Obama
 - administration, 10–11
- US–China trade conflict, 110
- US–China trade confrontation, xxxvi
- US–China trade war, 20, 59, 165
 - effect of, 129–130
 - analysis for, 166–167
- US–China trading relations, 9, 259, 261–262
 - economic synergies, 262–263
 - methodology, 261
 - policy suggestions, 268–269
 - research questions, 261
 - results of study, 267–268
 - review of literature, 260–261
 - Sino-American hostility, 263–267
- US–Korea Free Trade Agreement, 106
- US–Mexico–Canada Agreement (USMCA), 221
- Value added tax (VAT), 245
- Vector auto regressive model (VAR model), 73, 115, 166 (*see also* Microtheoretic model)
 - data and variable descriptions, 113–115
 - Granger causality test results, 116–117
 - literature review, 111–113
 - materials and methods, 113–115
 - methodology, 115
 - results and analysis, 115–117
- Virtual carbon trade, 315–316
- Virtual input resources, 318–319
- Virtual water trade (VW trade), 316–317
- Volatility, 163
- Volume of trade (VOT), 275
- Voluntary Export Restraint (VER), 124
- Washington–Beijing relations, 259
- Weighted tariff rates (WTR), 124
- Welfare, 24–25
 - maximization, 36
 - in presence of unemployment, 27
 - impact of tariff war on, 38
- West Bengal, 182–183
- Wilk’s Lambda, 250
- “Win–lose” principle-based trade, 237
- “Win–win” strategy, 237, 320
- Working life, 284
- World economy, 68, 70
- World exports, 194
- World income, 195
- World Trade Organization (WTO), xxxviii, 5, 8, 31, 44, 68, 98, 101, 154, 175, 218, 253, 261, 276–277
 - Agreement, 69
 - issues, 104–105
 - principles, 111
 - regime, 187
 - and US–China economic relations, 267