Index

Absolute Decoupling, 281 Adaptation Hypothesis, 121, 122 Administrative Data, 569, 570, 573 Administrative Data Research Network, UK (ADRN), 575 Administrative Data Service (ADS), 575, 577 Ageing Population, 113, 114 Agency Pricing, 217-222 Agglomeration, 346 Agglomeration Economies, 339, 368, 370, 371, 374, 375, 388 AK Model, 31, 32, 35 Assignment Mechanism, 164, 166, 174 Avoided Cost, 286 Backyard Capitalism, 326 Bail-in Instruments, 475 Bail-out, 475 Bank Recovery and Resolution Directive (BRRD), 475 Banking Crisis, 479, 481 Banking Union, 476, 491 Basel III, 472, 473, 476, 489, 490, 502 Behavioural Economics, 277, 278 Bell-Shaped Curve of Spatial Development, 343, 344 Bid Rent, 382-384 Big Data, 605, 612, 614, 619, 622, 623, 627 Biodiversity, 285, 287 Block Exemption Regulation (BER), 215 Borrowing Capacity, 483 Bottleneck, 392 Brain Drain, 139 Bureau van Dijk (BvD), 583 Buyer-supplier Links, 244, 261 Capital Controls, 457

Capital Requirements, 473, 474, 483 Causal Inference, 619, 622 Central Bank Asset Purchases, 433–439 Central Business District (CBD), 376, 377, 379, 388, 393 Choice-Based Schooling, 164 City Size, 370, 374, 375, 386, 389 Climate Change, 287, 292, 305 Cluster, 339 CO2 Emission, 287, 288, 292, 295, 298, 304, 305 Cognitive Capacity Gap, 532 Cognitive Development, 531 Common Equity Tier 1 (CET 1), 473, 476 Communication Cost, 345 Commuting Costs, 376, 377, 387 Congestion Costs, 388, 390, 391 Congestion Pricing, 391, 392, 398, 399 Contingent Valuation, 286 Convergence, 330, 342, 349 Core-Periphery Structure, 340, 347, 500 Creative Destruction, 33, 34, 37, 50 Credit Easing, 433, 437-439 Cross-country Datasets, 577, 578 Current Account Imbalances, 412 Curse of Dimensionality, 614, 615, 623 Customs Declaration, 241 Data Access, 570, 571, 573-576 Data Collection, 576, 580, 585 Data Confidentiality, 573 Data Enclave, 571, 585 Data Protection, 570, 577 Data Registers, 573 Data Warehousing, 584 Decoupling, 298 Deflationary Traps, 450 Delayed Trading Equilibrium, 485 Diesel Tax, 355 Digital Markets, 198, 201, 209 Disruption Hypothesis, 123 Distance-Based Charge, 355 Distributional Effect, 251, 258 Distributive Justice, 551

Divergence, 342

Diversified Cities, 385 Dual Labour Markets, 73, 74, 78, 80, 88, 91 e-books, 198, 204, 217, 219, 221, 222 Ecological Economics, 276 Economic Growth, 162 Economic Sustainability, 278 Ecosystem Services, 285, 287 Education and Training 2020 (ET2020), 160 Educational Outcomes, 528, 532 Educational Voucher, 168, 169 Efficiencies, 199, 216 Elite Schooling, 160, 164, 174 Emotional-self, 530 Employer Driven, 133 Employment Protection Legislation (EPL), 74-76, 78, 80, 87, 91, 92, 94, 97, 98, 103 Energy Security, 292-294 Energy System, 292 Environment, 275, 282, 283, 285 Environmental Degradation, 279, 287 Environmental Economics, 275 Environmental Kuznets Curve (EKC), 259, 281.282 Environmental Quality, 282, 288, 298 Environmental Regulation (Narrow), 307 Environmental Regulation (Strong), 307 Environmental Regulation (Weak), 307 Environmental Sustainability, 278, 283, 285, 291 Environmental Tax Reform (ETR), 300-302, 307 Equal Labour Income Equalisation (ELIE), 525 Equality of Opportunities, 520, 525, 531, 532, 540, 543, 547, 550, 552, 553, 556, 557 Equally Distributed Equivalent Income (EDE), 523 Eudemonia and Hedonia, 531 European Social Survey, 527 Eurostat, 579, 582, 606, 607 Eurozone Divergence, 414 Evolutionary Economics, 277 Expectations Channel, 440-442 Experimental Data, 591 Extensive Margin, 248 External Costs of Urban Transport, 389, 390, 392 External Increasing Returns, 339 Externalities, 275 Factor Models, 614 Fertility Rates, 114, 119-123 Financial Contagion, 483, 486, 487, 492 Financial Innovations, 495–497

Financial Institutions, 499

Financial Structure, 500 Financial System, 488, 492, 502 Firm Dynamics, 40, 41 Firm Heterogeneity, 248, 336 Firm Size, 41, 55 Firm-Level Data, 240 Fiscal Devaluation, 458 Fiscal Effect of Migration, 128, 129, 131 Fiscal Stimulus, 425, 427, 428, 431, 450 Fiscal Stimulus and Corruption, 429 Fiscal Stimulus and Deflationary Traps, 452, 453 Fiscal Stimulus and Liquidity Traps, 430 Fiscal Stimulus and Tax Evasion, 428, 429 Fixed Cost, 248, 254 Fixed Effects, 242 Foreign Trained Professionals, 138 Forward Guidance, 422-424, 436, 442 Forward Guidance and Time-Consistency, 422 Free Trade Agreement, 256 Friedman Rule, 413, 451 Frontier-Innovation, 45 Fuel Tax, 394-396, 400 G20 Data Gaps Initiative, 579, 581, 582, 584, 585 Gains from Trade, 247, 249, 250 General Purpose Technologies (GPT), 52 Genuine Progress Indicator (GPI), 291 Gini Index, 513, 525, 533, 534, 544 Global Value Chain Income, 246 Graphics Processing Units (GPU), 626 Great Moderation, 80, 411, 413 Great Recession (GR), 80, 82, 84, 90, 103, 104, 533 Greenhouse Gases (GHGs), 280 Growth Paradigm, 30, 31 Growth Policy, 30, 31 Growth-Enhancing Policy, 38, 40 Harmonised Firm Data, 583 Healthy Migrant Effect, 141 Hedonic Pricing, 286 High Dimensionality, 614, 615, 621 High Quality Liquid Assets (HQLA), 475 Home-Market Effect (HME), 332, 334, 346 Homo Economicus, 276-278 Homo Reciprocans, 276-278 Hotel Reservation, 197, 207 Housing, 376-378, 380-382, 384, 401, 402

Financial Liberalization, 482

Idescat, 576 Idiosyncratic Bank Risk, 497

Human Capital, 160, 283

Housing Prices, 382

Idiosyncratic Shock, 486 Immigrant Driven, 133 Immigrant Population, 117, 121, 128, 130, 143 Immigration, 113, 116, 117, 119, 120, 127, 128, 131, 132, 136 Imported Inputs, 249, 256 Income Distribution, 519 Income Inequality, 48, 161, 162, 515, 533, 534, 536, 538, 540, 542, 546, 548, 549, 551 Index of Sustainable Economic Welfare (ISEW), 291 Inequality, 513-515, 518, 523, 524, 534, 535, 538, 545, 546, 550, 553 Inequality (Gender), 554 Inequality and Ageing, 555 Inequality and Borrowing, 555 Inequality and Global Warming, 554 Inequality and Globalization, 555 Inequality and Growth, 554 Inequality and Migration, 554 Inequality and Social Insurance, 555 Inequality and Technical Progress, 555 Inequality Mobility, 548 Inequality of Human Development Index (IHDI), 516 Inequality of Opportunities, 540–542 Inequality of Outcomes, 513, 515 Inequality Possibility Frontier (IPF), 525 Information and Communications Technology (ICT), 536, 538 Information Frictions, 260 Innovation-Based Growth, 32, 33, 51 Innovation-Led Growth, 34, 43, 50 Input-Output Linkage, 343 Institutional Economics, 277 Instrumental Variables, 621 Intensive Margin, 248 Interbank Connections, 483 Interbank Market, 484, 485 Intergenerational Elasticity of Income, 542 Intergenerational Mobility, 540, 544 Intergovernmental Panel on Climate Change (IPCC), 280 Internal Increasing Returns, 333, 339 International Medical Graduate (IMG), 139 International Migration, 136, 139 Internet Surveys, 585, 586 Interregional Transport Investment, 348 IQ Tests, 532 IT Revolution, 51 Knowledge Spillovers, 46, 258 Kuznets Curve, 514

Lab Experiments, 592, 593 Labour and Skill Shortages, 132, 133, 135 Labour Mobility, 324, 328, 336, 341, 343, 352 Land Capitalisation, 380 Lasso Regression, 617, 618, 620, 621, 624, 626 Life Expectancy, 114, 115 Life Satisfaction, 549 Limits to Growth, 280, 281 Linked Employer-employee Data, 242 Liquidity Coverage Ratio (LCR), 474 Liquidity Regulation, 490, 491 Liquidity Requirements, 474 Liquidity Restrictions, 432 Local Infrastructure, 261 Long Term Capital Management (LTCM), 493 Long-Term Care (LTC), 139, 140 Long Term Refinancing Operations (LTROs), 417 Long-Run Economic Growth, 31, 33 Lorenz curve, 513 Luxembourg Income Study (LIS), 553 Machine-Learning Techniques, 619, 624, 625, 627 Macroprudential Tools, 477, 503 Manufactured Capital, 283 MAPCOMPETE, 581 Market Integration, 331 Market Potential, 333 Market Size, 334 Measurement and Experimentation in the Social Sciences (MESS), 585, 586 Merger and Acquisition (M&A) Data, 583, 584 Metropolitan Areas, 387, 388 Micro Data Linking (MDL), 582 Microdata, 569-571, 573, 577 Migrants, 117, 120-124, 127, 130, 134-136, 140 - 142Migration, 328 Migration (Permanent), 124 Migration (Temporary), 124 Millennium Development Goals (MDGs), 278 Minimal Subsistence Level, 527 Monetary Transmission Mechanism, 416, 417 Money Supply, 413 Monocentric Cities, 387 Monocentric City Model, 376 Moral Hazard, 482 Most Favoured Nation (MFN), 196, 204, 207, 213, 218 Multi-product, Multi-destination Exporters, 241 Multinational Firms, 245, 262

Native Population, 114, 117, 121 Natural Capital, 283, 285 Natural Experiment, 250 Neighbourhood Schooling, 160, 164, 169, 173 Net Stable Funding Ratio (NSFR), 474, 475 New Economic Geography (NEG), 329 New Immigrant Survey (NIS), 142 New Trade Theory, 247 Non-cognitive Development, 531 Nordic Statistical Systems, 571-573, 582 Normative Judgement, 525 Norwegian Social Science Data Service (NSD), 573, 577 Now-Casting, 623, 624 Offshoring, 249 Old Age Migration, 144 Online Markets, 195 Openness, 59, 61, 62 Optimum Currency Area, 411 Outmigration, 127, 128, 131 Outright Monetary Transactions (OMT) Programme, 417, 433 Parallel Trade, 196, 213 Parental Preferences, 164, 165 Pareto Law, 513 Parking, 393 Payments for Ecosystem Services (PES), 301 Pecuniary Externalities, 457, 458 Per-Shipment Cost, 255 Per-Unit Cost, 255 Permanent Contracts, 74-76, 78, 79, 81, 87, 91-96, 100, 103 Pigouvian Tax, 275 PISA Performance, 162 Platforms, 206, 221, 223, 224 Policy Analysis, 619 Political Philosophy, 524 Pollution, 275, 281, 282, 285, 292 Population Growth, 279 Poverty, 252 Prediction, 623, 624 Price Coherence, 216 Price Discrimination, 197, 198, 211, 213, 221, 222, 224, 227 Principal Component Regression, 618 Private Firm-Generated Data, 599 Product-Variety Model, 32 Proximity-Concentration Tradeoff, 248 Public Transport Prices, 396, 397

Quantitative Easing, 422, 433-435, 447, 462

R&D, 35, 55, 65 R&D Policy, 54, 55, 57 Randomized Control Trials (RCTs), 574, 590, 591, 594-598, 601 Real ('Natural') Rate of Interest, 420, 431, 444-447, 450, 453 Reallocation, 248 Reallocation Effect, 252 Redistributive Policy, 520 Regional Convergence, 331 Regional Divergence, 358 Regional Economics, 329 Regularization Methods, 615 Regulatory Perimeter, 492 Relative Decoupling, 281 Replacement Cost, 286 Resale Price Maintenance (RPM), 196, 208, 213 - 215Research Funding Agency, 574 Researcher-Generated Database, 585, 589 Resolution Funds, 475 Resource Economics, 275 Return Migrants, 125, 128 Return to Education, 163 Ridge Regression, 616-618 Risk Premia, 416 Risk Sharing, 455 Rule-Based Regulation, 498 Savings Shock, 442-445 School Accountability, 160, 161, 164, 175 - 178School Attainment, 171, 172, 178-181 School Autonomy, 160, 164, 175, 179-181 School Choice, 160 School Leadership, 182 Schumpeterian Growth, 35, 37, 42 Schumpeterian Model, 33, 34, 37, 39, 42, 54 Scientific Advice Structures, 310 Search and Matching, 42 Search Costs, 202, 210 Secular Stagnation, 51, 445, 448, 451 Securities Markets Programme (SMP), 417, 437 Services Trade, 243 Severance Pay, 87, 91-93, 96, 98, 101, 103 Shadow Banking, 493 Shrinkage Estimators, 615 Simulation-Based Bayesian Methods, 626 Single Digital Market, 197, 227 Single Open-Ended Contract (SOEC), 93, 94, 98, 100, 101 Single Resolution Board (SRB), 478, 492

Index

Single Resolution Fund (SRF), 478 Single Resolution Mechanism (SRM), 478 Single Rulebook, 476 Single Supervisory Mechanism (SSM), 476, 477, 489 Skill Bias, 162 Skill Distribution, 159 Skill Premia, 536 Skill-Bias, 45 Skill-Intensive, 45 Smart Policy Design, 602 Social Capital, 283 Social Expenditures, 548 Social Justice, 520 Social Mobility, 48, 50, 161, 162 Social Sustainability, 278 Solow Model, 35 Sovereign Debt Crisis, 417 Sparse Trade Data, 241 Spatial Distribution, 327, 329 Spatial Economics, 325 Spatial Fragmentation of a Firm, 345 Spatial Interaction, 331 Spatial or Regional Inequality, 331 Spatial Organization, 326 Spatial Segregation, 382-384, 388 Spatial Sorting, 373 Specialised Cities, 385 Statistical Offices, 569-571, 575-577, 579, 583, 587, 589, 606 Stolper-Samuelson Theorem, 251 Strong Sustainability, 276, 284 Structural Reform, 439 Supply-Chain Trade, 261 Survey Data, 569 Survey of Health, Ageing and Retirement in Europe (SHARE), 585, 588, 590 Sustainability, 278, 283 Sustainable Development, 278, 290 Sustainable Development Goals (SDGs), 278 Sustainable Development Indicators (SDIs), 289 Switching Cost, 252

Tax Competition, 557 Tax Perturbation, 522 Tax Treatments, 521, 522 Temporary Contracts, 74, 76-79, 81, 82, 84, 86-88, 91-94, 96, 100, 101 Term Asset-Backed Securities Loan Facility (TALF), 437, 439 Territorial Restrictions, 196, 205 Time Cost, 255 Total Loss Absorbing Capacity (TLAC), 476, 489 Trade Cost, 253 Trade Costs, 331, 332, 334, 339, 340, 342, 344, 345, 349, 351, 352 Transfers (Fiscal), 431-433, 457 Transport, 327 Transport Costs, 327, 331, 387 Transport Investments, 350 Transport Policy, 349 Travel Agencies, 197, 207, 208 Travel Cost, 286 UMETRICS, 585, 587, 589, 590 Unemployment, 253, 336, 415, 449 Unemployment (youth), 88, 90 Unified Contract, 93, 96, 100, 101, 103 United Nations Development Program (UNDP), 516 Urban Transport Projects, 399, 400 Variable Selection, 615, 618 Vertical FDI, 249 Vertical Restraints, 198, 208, 213-215 Virtual (Data) Access, 571, 573, 575 Weak Sustainability, 284, 289 Welfare, 513, 515-518, 522, 529, 551, 557 Welfare Gain, 518, 522 Welfare Policies, 557 Well-Being, 548, 550 Wholesale Pricing, 217-222 Worker Mobility, 259

Youth Guarantee (YG), 90, 91