

Author Index

A

Akaike, H., 27
Allen, M., 118, 119
Anderson, D.R., 28
Anderson, T.W., 27
Augustin, N.H., 28

B

Bachelier, L., 47, 48
Bates, J.M., 114
Bock, M.E., 29
Bontemps, C., 25
Box, G.E.P., 49
Brown, R.L., 21
Buckland, S.T., 28
Burnham, K.P., 28

C

Campos, J., 31
Carter, L.R., 47, 48
Castle, J.L., 2, 22, 57, 60, 75, 76, 78,
81, 82, 88, 90, 102, 104, 113,
114
Chow, G.C., 21
Claeskens, G., 27
Clements, M.P., 2, 22, 26, 101, 104,
112, 114
Corsi, P., 22

D

Davidson, J.E.H., 51, 91
Derksen, S., 28
Doornik, J.A., vi, 22, 25, 28, 29, 31,
57, 60, 75, 87, 89–91, 113,
114
Duffy, J.A., 60

Durbin, J., 21

E

Efron, B., 28
 Engle, R.F., 17, 92, 113
 Ericsson, N.R., 22, 23, 31, 80
 Esper, J., 81
 Evans, J.M., 21

F

Friedman, W.A., 17

G

Gilbert, C.L., 27
 Govaerts, B., 25
 Granger, C.W.J., 17, 52, 82, 114
 Grinsted, A., 39

H

Hamilton, J.D., 23, 82
 Hannan, E.J., 27
 Hansen, B.E., 21
 Hartl-Meier, C., 81
 Hastie, T., 28
 Haustein, K., 119
 Hendry, D.F., vi, 2, 16, 17, 22,
 25, 26, 28–31, 42, 51, 52,
 54–57, 59–61, 70, 72, 75, 78,
 82, 87–91, 95–97, 101–104,
 112–114
 Hjort, N.L., 27
 Hoeting, J., 28
 Hoover, K.D., 25, 28, 31

J

Jackson, L.P., 40
 James, W., 28
 Jansen, E.S., 21
 Jenkins, G.M., 49
 Jeon, Y., 114
 Jevrejeva, S., 40
 Johansen, S., 22, 29, 60, 70, 72, 89,
 98
 Johnstone, I., 28
 Judge, G.G., 29
 Juselius, K., 42

K

Kaufmann, R.K., 53
 Kauppi, H., 53
 Kennedy, P., 61
 Keselman, H.J., 28
 Kitov, O.I., 80
 Krolzig, H.-M., 28, 30, 31

L

Leamer, E.E., 27, 87
 Lee, R.D., 47, 48
 Lehmann, E.L., 24
 Lovell, M.C., 28

M

Madigan, D., 28
 Mallows, C.L., 28
 Mann, M.L., 53
 Martinez, A.B., 60
 Mills, T.C., 17
 Mizon, G.E., 17, 53–56, 77, 103
 Moore, J.C., 40
 Morgan, M.S., 16

Muellbauer, J.N.J., 56

N

Newbold, P., 17

Nielsen, B., v, 22, 29, 60, 72

Nyblom, J., 21

Nymoen, R., 57

P

Perez, S.J., 25, 28, 31

Perron, P., 17, 21

Phillips, A.W.H., 95

Phillips, P.C.B., 17, 27, 28

Ploberger, W., 27

Pollock, R.E., 22

Prakken, J.C., 22

Pretis, F., 22, 53, 60, 81, 88, 119

Priestley, M.B., 82

Q

Qin, D., 16

Quinn, B.G., 27

R

Raftery, A., 28

Reade, J.J., 60

Richard, J.-F., 25

Riva, R.E.M., 40

S

Santos, C., 60, 61, 70, 75

Schneider, L., 22, 81

Schwarz, G., 27

Scott, S.L., 28

Smerdon, J.E., 22, 81

Smith, B.B., 17

Soros, G., 55

Spanos, A., 10

Srba, F., 51

Stein, C., 28

Stock, J.H., 53

Sucarrat, G., 60

T

Tabor, M.N., 80

Taleb, N.N., 54

Teräsvirta, T., 21, 82

Tibshirani, R., 28

V

Varian, H.R., 28

Volinsky, C., 28

W

White, H., 61

Y

Yeo, J.S., 51

Yule, G.U., 16, 50

Subject Index

A

Aggregation, 7
ARCH, 92, 93
Autocorrelation, 25, 70, 88
Automatic Model Selection, v, 31, 98
Autometrics, 31, 60, 69, 82, 91, 114
Autoregression, 27

B

Bayesian, 27, 29
Bias, 27, 30, 112
—correction, 30

C

Causality, 61
Chow
—test, 74
Cointegrating
—relation, 51

Cointegration, 17, 45, 50, 52, 54, 58,
60, 113, 117, 118
—recursive estimation, 74
Collinearity, 61
Congruence, 24
consumption, 91
Correlation, 2, 8, 14, 16, 28, 45, 48,
61, 102
—coefficient, 16
Correlogram, 48
Critical values, 90

D

Data, 88
—mining, 27, 85
DGP, 69, 109, 113
DHSY (Davidson, Hendry, Srba and
Yeo, 1978), 91
Difference, 17, 23, 48, 53, 54, 58,
107
seasonal, 7

Dummy variable, 75

E

Econometric models, 57, 59, 107

Efficiency, 72

Empirical model, vi, 3, 5, 6, 21–23,
25, 26, 37, 44, 50, 57, 60, 88,
91, 98, 117, 118

Encompassing, 24, 89

 parsimonious—, 25

Equilibrium, 2, 50, 58, 106, 113, 118

 —correction, 51, 53, 89, 112

Exogenous variable, 113

F

Feedback, 45, 117, 118

Food expenditure, 12

Forecast

 —error, 18, 22, 44, 101, 106

 —origin, 102, 110, 112, 114

F-test, 75

Functional form, 24

G

Gauge, 29, 72

General model, v, 25

General-to-specific, 114

General-to-specific (Gets)

 History of, 3, 17

Goodness of fit, 27

Growth rate, 40, 53, 78, 108, 110

GUM, 89–90, 114

H

Histogram, 61

Hypothesis

 null—, 28

 test, 21, 24, 28, 75, 87

I

Inference, 3, 21, 24, 42, 54, 61, 67,
68, 87

Information

 —criteria, 27

Innovation, 11, 55

Instrument, 26, 75

Instrumental variables, 75

Integrated

 —data, 53

 —process, 47, 48

 —series, 111, 118

Integratedness, 47, 48

Invariance, 26, 60, 61, 75, 118

L

Lasso, 28

Law of Iterated Expectations, 57

Limiting distribution, 72

Location shift, 12, 18, 21, 22, 44, 45,
52, 53, 55, 57, 58, 60, 62, 67,
68, 70, 75, 76, 78, 82, 88, 90,
102, 103, 106, 107, 112, 114,
117, 118

Long run, 7, 45, 50, 60, 79, 102, 113,
117, 118

M

Measurement, 2, 26, 102

 —errors, 45, 60

Mis-specification, 69, 88, 114

Model, 101–105
 —averaging, 28
 —formulation, 23, 25, 106
 —selection, v, 3, 22, 23, 28, 69,
 87, 89
 —specification, 73
 Moments, 10
 Monte Carlo, vi, 22
 More Variables than Observations, 69

N

Nesting, 14
 Non-constancy, 22
 Non-linear, 23, 82, 85, 86, 88, 89
 —ity, 69, 82
 Non-normality, 75
 Non-stationarity, 3, 5, 10–12, 14, 16,
 31, 39, 42, 43, 45, 48, 53, 60,
 106, 111, 117, 118
 Nonsense
 —correlation, 16
 —regression, 17, 44, 50
 Normal distribution, 25, 54, 72, 90
 Normality, 90

O

Observational equivalence, 60
 Omitted variables, 30
 Orthogonal, 25, 30, 76, 90
 Outlier, 12, 22, 24, 29, 54, 59, 67–70,
 72, 73, 75, 85, 86, 88, 89, 103
 OxMetrics, vi

P

Parameter constancy, 74, 87, 90
 Parsimony, 27

PcGets, 31
 PcGive, vi
 Policy, 3, 12, 16, 18, 21, 24, 26, 37,
 42, 44, 45, 56, 57, 61, 81, 111,
 117, 118
 Population, 2, 16, 47, 48, 72
 Potency, 75, 76
 Progress, 40

R

Random number, 7
 Random walk, 47, 48, 111
 Rational expectations, 107
 Reduction, 90, 110
 Regression
 Static—, 70
 Residual(s), 17, 24, 68, 88, 91
 —autocorrelation, 22, 88, 92, 93
 Robust, 73, 112, 114, 117, 118
 —forecasting, 110, 112, 119
 —statistics, 72

S

Sample
 —period, 22
 —size, 26, 27, 72
 Seasonal, 7
 Serial correlation, 17
 Shifts, vi, 3, 5, 6, 9, 11, 17, 19, 21–24,
 26, 29, 40, 42, 44, 45, 51, 53,
 55–58, 61, 67, 68, 75, 77, 81,
 85, 86, 88, 89, 106, 112, 117,
 118
 Sign, 2, 54, 59, 72, 76
 Significance level, 28, 70, 72, 75, 87,
 90
 Simulation, vi, 3, 16, 81, 114

Standard deviation, 55

Stationarity, 10, 42, 44, 48, 50, 53,
56, 102, 112

Statistical

—theory, 60

Step-wise regression, 28

Structural

—break, 3, 17, 18

—change, 67–69, 82

T

Taxonomy, 22

Test, 69, 75, 87, 98

portmanteau statistic, 69

significance, 26, 30, 70, 72, 74, 98

Theory, 3, 17, 24, 26, 29, 44, 86, 88,
89, 98, 107, 114, 117, 118

—information, 85, 86

Thick modelling, 114

Trend, vi, 7, 20, 22, 40, 42, 45, 48,

50, 56, 58, 60, 62, 67, 68, 72,

102, 105–107, 109, 112

U

Unbiased, 56, 70

Unconditional

—variance, 102

V

Volatility, 12