

Subject Index

ACTUCAN, 462, 465

ASTER, 10

Behavioural response, 8, 12, 28, 29, 36, 327, 422

Canada Pension Plan (CPP), 28, 139, 426, 461–465

Cash transfers, 6, 7, 21, 29, 31, 35, 480, 499, 563

Child care, 454

Child benefits – harmonising, 224, 485, 499

Conference themes, 1–5, 11

Consumption, 7, 8, 179, 214, 239, 240, 243–245, 281, 284, 456, 515, 516

CORSIM model, 11, 28, 442, 461, 544

CTM model, 484

Customer service projection (CuSP) model, 35, 299–305, 312, 313, 315, 317, 419, 422, 429, 557–561

Data

matching and imputation, 25, 27–29, 33, 35, 109, 139, 142, 203, 217–221, 287, 328, 388, 389, 423, 424, 444, 445, 457, 468, 480, 498, 535–536, 545, 552

quality, 16, 23, 24, 94, 142, 377–385, 387, 391, 397

validation, 3, 218, 253, 266, 380, 462

Data access, 3, 24

Data ageing, 25, 445, 462, 468, 536, 560

Data issues, 5, 25, 444, 455, 468, 474, 545

Documentation, 5, 31, 136, 204, 417, 423, 436, 453, 462, 477, 478, 498

DESTINIE, 11, 28, 418, 427, 467–470

DYNACAN, 11, 28, 426, 442, 461

Dynamic cohort models, 8, 10, 449

Dynamic microsimulation
alignment, 26, 28, 442, 462, 463, 534, 545

hazard functions, 109

variance reduction, 451

Dynamic population models, 8, 14, 15, 18, 443

DYNAMOD, 11, 18, 26, 105, 107–111, 113–116, 120–123, 426, 439–442

DYNASIM, 10

Economic growth, 2, 4, 162, 499, 548

EUR3, 474

EUROMOD, 10, 29, 420, 427, 483–488

Firms, simulation of 6, 545

GLADHISPANIA, 10, 29, 423, 427, 473–476

Goods and services tax (GST), 7, 499

HARDING model, 10

Hypothetical models, 13

Imputation, 25, 27–29, 33, 34, 139, 176, 203, 216–222, 245, 287, 328, 423, 425, 429, 456, 463, 468, 480, 535, 536, 545, 552, 553

Incentives to work, 18, 106

Income distribution

and macroeconomic factors, 514

lifetime, 9

and redistribution, 9, 12

total lifetime, 434

- Income inequality, 485
- Indirect taxes, 487, 516
- Integrated macro–micro modelling, 29–32, 422
- IPDSM, 32, 33, 422, 428, 521–526
- Labour supply, 7, 8, 12, 29, 420, 422, 427, 428, 437, 474, 476, 485, 543, 547, 549
- LAW model, 10
- LifePaths, 11, 20, 27, 43, 44, 46, 261, 263–266, 269, 270, 273, 276, 279, 449–452
- LOTTE, 32, 418, 422, 428, 513–517
- Macro–micro linkages, 25, 26, 29, 427, 439, 447, 452, 459, 465, 502
- Maine conference, 11
- MediSim, 33, 34, 192, 422, 429, 533–538
- Merging data files, *see* Statistical matching, 142, 456
- MICROHUS model, 10
- Microsimulation
 - model design, 442
 - modelling infrastructure, 46, 486
 - overview of models, 24, 107, 173, 316, 323, 345, 387, 433, 449, 453, 461, 467, 473, 477, 483, 498, 507, 521, 527, 534, 544, 551, 557, 563
 - practical aspects, 16, 24, 262
 - programming language, 89, 102, 423, 426–429, 440, 445, 451, 457, 463, 477, 500, 564
 - recent developments, 9
 - tax policy analysis, 29
- Microsimulation models
 - dynamic cohort models, 8, 10, 449
 - dynamic population models, 8, 14, 15, 18, 443
 - of firms, 6
 - reliability of estimates, 565
 - static models, 6–10, 25, 29, 30, 32, 35, 138, 177, 238, 258, 372, 421, 473, 477, 493, 498, 499, 513, 522, 533, 559, 564, 565
 - types of base data, 33, 114, 190, 216, 440, 444, 537
 - validation, 253, 305, 380, 436
- MITTS model, 7, 12
- ModGen, 27, 450–452
- MOSART, 11, 25, 422, 426, 433–437, 513
- Models for supply and demand of Registered Nurses, 22, 332, 343, 527–531
- NSW Hospitals model, 34, 551–556
- Non-cash benefits, 455
 - annual impact, 458
- OECD tax, benefits and incentives model, 31, 421, 423, 428, 503–506
- Orcutt's dream, 6, 10, 35
- Panel data, 9, 61, 360, 444, 456
- PHARMASIM, 10, 19, 31, 173, 176–181, 422, 428, 507–511
- POHEM, 51
- Policy analysis, 3, 19, 26, 28–30, 33, 134, 325, 419, 459, 476, 500, 507, 516, 546
- Policy process, 3, 25, 46, 54, 55, 225, 417
- POLIMOD model, 486
- Poverty estimates, 565
- Progressivity, tax, 515
- PSSRU and NCCSU aged care model, 11, 30, 427, 489–495
- Replacement rates, 467
- Retirement incomes, 2, 8, 14, 297, 306, 307, 311, 461
- Reweighting, 6, 35, 302, 429, 463, 478, 564, 565
- SAGE, 11, 26, 418, 419, 426, 443–447
- SESIM model, 11, 27, 426, 453–459
- SFB3 model, 10
- Social security, 6, 8, 35, 172, 177, 191, 214, 356, 474, 504, 547, 560, 563

- future impact of, 8
- lifetime impact of, 8
- simulation of, 35, 474, 505, 547, 560, 563
- Social services, 59, 62, 282, 490, 491
- Spatial microsimulation, 12, 25, 34, 544, 563, 566
- SpatialMSM model, 35, 420, 422, 429, 563–566
- SPSD/M, 10, 30, 138–143, 146, 147, 497–502
- Statistical matching, 27, 536, 537
 - constrained, 217, 404
 - unconstrained, 217, 404
- Static ageing, 6, 8
- Static models, 6–10, 25, 29, 30, 32, 35, 138, 177, 238, 258, 372, 421, 473, 477, 493, 498, 499, 513, 522, 533, 559, 564, 565
- STINMOD, 10, 29, 35, 177, 301, 303, 312, 418, 419, 422, 423, 427, 477–482, 534, 536, 537, 559, 560, 564, 565
- SVERIGE, 11, 34, 419, 420, 423, 429, 543–549
- Tax policy, 9, 29, 36, 53, 427, 513
- Training, 15, 20, 62, 86, 88, 331, 341, 436, 481, 487, 530, 544
- TRIM3, 7, 10
- TTSIM, 10
- TUJA model, 486
- Typical taxpayer model, 13
- Uprating, 6, 478
- Validation, 3, 5, 105, 219, 253, 266, 305, 380, 436, 462, 463, 465
- Wage rates, 8