

## List of publications Aki Tsuchiya

### Refereed Journals

1. Gomersall T, Spencer S, Basarir H, Tsuchiya A, Clegg J, Sutton A, Williams K, (2015) Measuring quality of life in children with speech and language difficulties: A systematic review of existing approaches, *International Journal of Language and Communication Disorders*. 50(4):416-35
2. Yang Y, Rowen D, Brazier J, **Tsuchiya A**, Young T, Longworth L (2015), An exploratory study to test the impact on three “bolt-on” items to the EQ-5D, *Value in Health*, 18(1): 52-60
3. Shah KK, **Tsuchiya A**, Wailoo A (2015), Valuing health at the end of life: A stated preference discrete choice experiment, *Social Science & Medicine*, 124: 48-56
4. Bansback N, Hole AR, Mulhern B, **Tsuchiya A** (2014), Testing a discrete choice experiment including duration to value health states for large descriptive systems: Addressing design and sampling issues, *Social Science and Medicine*, 114(100): 38-48
5. Shah KK, Wailoo, A, **Tsuchiya A** (2014) Valuing health at the end of life: An empirical study of public preferences, *European Journal of Health Economics*, 15: 389-399
6. Abásolo I, **Tsuchiya A** (2014) Blood donation as a public good: An empirical investigation of the free-rider problem, *European Journal of Health Economics*, 15(3): 313-321
7. Abásolo I, **Tsuchiya A** (2014) Egalitarianism and altruism in health: some evidence of their relationship, *International Journal for Equity in Health*, 13:13
8. Mulhern B, Bansback N, Brazier J, Buckingham K, Cairns J, Devlin N, *et al.* (2014) Preparatory study for the revaluation of the EQ-5D tariff: methodology report. *Health Technology Assessment*;18(12)
9. Longworth L, Yang Y, Young Y, Hernandez Alva M, Mukuria C, *et al* (2014) Use of generic and condition-specific measures of health-related quality of life in NICE decision-making: Systematic review, statistical modelling and survey, *Health Technology Assessment*, 18(9)
10. Yang Y, Brazier J, **Tsuchiya A** (2014), Effect of adding a sleep dimension to the EQ-5D descriptive system: A “bolt-on” experiment, *Medical Decision Making*: 34(1): 42-53
11. Harding AH, Frost GA, Tan E, **Tsuchiya A**, Mason HM (2013) The cost of hypertension-related ill health attributable to environmental health, *Noise and Health*, 15(67):437-445
12. Popli G, Gladwell D, **Tsuchiya A** (2013), Estimating the critical and sensitive periods of investment in early childhood: A methodological note, *Social Science & Medicine*, 97:316-324
13. Ternent L, **Tsuchiya A** (2013), A note on the expected biases in conventional iterative health state valuation protocols, *Medical Decision Making*, 33:544–546
14. Hernández Alava M, Brazier J, Rowen D, **Tsuchiya A** (2013) Common Scale valuation across different preference-based measures: Estimation using rank data, *Medical Decision Making*, 33(6):839-852
15. Dolan P, Kavetsos G, **Tsuchiya A** (2013), Sick but satisfied: The impact of health and life satisfaction on choice between health scenarios, *Journal of Health Economics*, 32(4): 708-714
16. Devlin N, Buckingham, Shah K, **Tsuchiya A**, Tilling C, Wilkinson G, van Hout B (2013), A comparison of alternative variants for the lead and lag time TTO, *Health Economics*, 22: 517-532
17. Abásolo I, **Tsuchiya A**, (2013) Is more health always better for society? Exploring public preferences that violate monotonicity, *Theory and Decision*, 74: 539-5

18. Mulhern B, Longworth L, Brazier J, Rowen D, Bansback N, Devlin N, **Tsuchiya A** (2013), Binary Choice Health State Valuation and Mode of Administration: Head-to-Head Comparison of Online and CAPI. *Value in Health*, 16(1): 104-113
19. Brazier J, Rowen D, Yang Y, **Tsuchiya A** (2012), Comparison of health state utility values derived using time trade-off, rank and discrete choice data anchored on the full health-dead scale, *European Journal of Health Economics*, 13(5): 575-587
20. Brazier JE, Rowen D, Mavranouzouli I, **Tsuchiya A**, Young T, Yang Y, Barkham M, Ibbotson R (2012), Developing and testing methods for deriving preference-based measures of health from condition-specific measures (and other patient-based measures of outcome). *Health Technology Assessment*, 16(32): 1-114
21. Edlin R, **Tsuchiya A**, Dolan P (2012), Public Preferences for Responsibility Versus Public Preferences for Reducing Inequalities, *Health Economics*, 21(12): 1416-1426
22. Dolan P, **Tsuchiya A** (2012), It's the lifetime that matters: public preferences over maximising health and reducing inequalities in health, *Journal of Medical Ethics*, 38(9): 571-573
23. Bansback N, Brazier J, **Tsuchiya A**, Anis A, (2012) Canadian Valuation of EQ-5D Health States: Preliminary Value Set and Considerations for Future Valuation Studies. *PLOS ONE*, 7(2)
24. Bansback N, Brazier J, **Tsuchiya A**, Anis A, (2012) Using a discrete choice experiment to estimate health state utility values. *Journal of Health Economics*, 31(1):306-318
25. McTaggart-Cowan H, O'Cathain A, **Tsuchiya A**, Brazier J, (2012) Using mixed methods research to explore the effect of an adaptation exercise on general population valuations of health states, *Quality of Life Research*, 21(3): 465-473
26. Rowen D, Brazier J, **Tsuchiya A**, Hernandez MA (2012) Valuing states from multiple measures on the same visual analogue scale: a feasibility study, *Health Economics*, 21(6): 715-729
27. Rowen D, Brazier J, **Tsuchiya A**, Young T, Ibbotson R, (2012) It's all in the name, or is it? The impact of labelling on health state values. *Medical Decision Making*, 32(1):31-40
28. Tilling, C., Krol, M., **Tsuchiya, A.**, Brazier, J.E., van Exel, J., Brouwer, W.B.F. (2012) Does the EQ-5D reflect lost earnings? *Pharmacoeconomics*, 30(1):47-61
29. Hauck K, **Tsuchiya A**, (2011) Health dynamics: implications for efficiency and equity in priority setting. *Value in Health*, 14:387-389
30. Dolan, P., **Tsuchiya, A.** (2011), Determining the parameters in a social welfare functions using stated preference data: an application to health, *Applied Economics*, 43(18): 2241-2250
31. Brazier J, Rowen D, **Tsuchiya A**, Yang Y, Young TA (2011) The impact of adding an extra dimension to a preference-based measure, *Social Science & Medicine*, 73(2): 245-253
32. McTaggart-Cowan HM, **Tsuchiya A**, O'Cathain A, Brazier J (2011) Understanding the effect of disease adaptation information on general population values for hypothetical health states, *Social Science & Medicine*, 72(11): 1904-1912
33. Yang Y, **Tsuchiya A**, Brazier J, Young T. (2011) Estimating a Preference-Based Index for a 5-Dimensional Health State Classification for Asthma Derived from the Asthma Quality of Life Questionnaire: *Medical Decision Making*, 31(2); 281-291
34. Young T, Yang Y, Brazier B, **Tsuchiya A**. (2011) The Use of Rasch Analysis as a Tool in the Construction of a Preference Based Measure: The Case of AQLQ: *Medical Decision Making*, 31(1): 195-210
35. Devlin N, **Tsuchiya A**, Buckingham K, Tilling C, (2011) A Uniform Time Trade Off Method for States Better and Worse than Dead: Feasibility Study of the 'Lead Time' Approach, *Health Economics*, 20(3): 348-361

36. McTaggart-Cowan HM, Brazier J, **Tsuchiya A.** (2010) Clustering Rasch results: A novel method to develop rheumatoid arthritis health states. *Value in Health*, 13(6): 787–795
37. Tilling C, Devlin N, **Tsuchiya A**, Buckingham K. (2010), Protocols for TTO Valuations of Health States Worse than Dead: A literature review and framework for systematic analysis, *Medical Decision Making*, 30:610–619
38. Brazier J, Yang Y, **Tsuchiya A.** Rowan DL (2010) A review of studies mapping (or cross walking) from non-preference based measures of health to generic preference-based measures, *European Journal of Health Economics* 11:215-25
39. Tilling C, Krol M, **Tsuchiya A**, Brazier J, van Exel J, Brouwer W. (2010), In or out? Income losses in health state valuations: a review, *Value in Health*, 13(2): 298-305
40. Brazier J, **Tsuchiya A** (2010), Preference-based condition-specific measures of health: what happens to cross programme comparability? *Health Economics*, 19(2): 125-129
41. Ratcliffe, J., Brazier, J., **Tsuchiya, A**, Symonds, T., Brown, M. (2009), Using DCE and ranking data to estimate cardinal values for health states for deriving a preference-based single index from the sexual quality of life questionnaire, *Health Economics*, 18(11): 1261-1276
42. Wailoo, A., **Tsuchiya, A.**, McCabe, C. (2009), Weighting must wait: incorporating equity concerns into cost effectiveness analysis may take longer than expected: *Pharmacoeconomics*, 27: 983-989
43. Yang Y, Brazier J, **Tsuchiya A**, Coyne K (2009) Estimating a preference-based single index from the Overactive Bladder questionnaire (OAB-q), *Value in Health* 12(1): 159-166
44. Mann, R., Brazier, J, **Tsuchiya, A** (2009), A comparison of patient and general population weightings of EQ-5D dimensions, *Health Economics* 18(3): 363-372
45. Young, Y., Yang, Y., Brazier, J., **Tsuchiya, A.**, Coyne, K. (2009) The first stage of developing preference-based measures: constructing a health-state classification using Rasch analysis, *Quality of Life Research*, 18(2): 253-265
46. Dolan, P., **Tsuchiya, A.** (2009), The social welfare function and individual responsibility: Some theoretical issues and empirical evidence from health: *Journal of Health Economics*, 28: 210–220
47. **Tsuchiya, A.**, Dolan, P. (2009), Equality of what in health?: Distinguishing between outcome egalitarianism and gain egalitarianism, *Health Economics*, 18: 147-159
48. Cookson, R., McCabe, C., **Tsuchiya, A.** (2008), Public health care resource allocation and the rule of rescue, *Journal of Medical Ethics*, 34: 40-544
49. Abásolo, I., **Tsuchiya, A** (2008), Understanding preferences for egalitarian policies in health: Is age a determinant?: *Applied Economics* 40(19) 2451-2461
50. Dolan, P., Netten, A., Shapland, J., **Tsuchiya, A.**, (2007), Towards a preference-based measure of the impact on well-being due to victimisation and the fear of crime, *International Review of Victimology*, 14(2): 253-264
51. Dolan P, Edlin R, **Tsuchiya A**, Wailoo A, (2007), It ain't what you do, it's the way that you do it: Characteristics of procedural justice and their importance in social decision-making, *Journal of Economic Behavior and Organization* 64(1): 157-170
52. Dolan, P., **Tsuchiya, A.** (2007), Do NHS staff and members of the public share the same views about how to distribute health benefits?, *Social Science & Medicine*, 64: 2499–2503
53. Bansback, N., Marra, C., Tsuchiya, A., Anis, A., Guh, D., Hammond, T., Brazier, J. (2007), Using the health assessment questionnaire to estimate preference-based single indices in patients with rheumatoid arthritis, *Arthritis Rheum.* 15;57(6):963-71

54. Aballéa, S., **Tsuchiya, A.** (2007), Seeing for yourself: Feasibility study towards valuing visual impairment using simulation spectacles: *Health Economics*, 16(5): 537-543
55. McCabe C, **Tsuchiya A**, Claxton K, Raftery J (2006), Orphan drugs revisited, *QJM*, 99(5):341-345
56. **Tsuchiya, A.**, Brazier, B., Roberts, J. (2006), Comparison of valuation methods used to generate the EQ5D and the SF6D value sets in the UK: *Journal of Health Economics*, 25(2): 334-346
57. McCabe, C., Brazier, J., Gilks, P., **Tsuchiya, A.**, Roberts, J., O'Hagan, A., Stevens, K. (2006), Estimating population cardinal health state valuation models from individual ordinal (rank) health state preference data: *Journal of Health Economics*, 25(3):418-431
58. McCabe, C., Claxton, K., **Tsuchiya, A.** (2005), Orphan Drugs and the National Health Service: Should we value rarity?, *British Medical Journal*, 331(7523):1016-1019
59. Dolan, P., Loomes, G., Pesasgood, T., **Tsuchiya, A.** (2005), Estimating the intangible victim costs of violent crime: *British Journal of Criminology*, 45: 958 - 976
60. **Tsuchiya, A.**, Miguel, L.S., Edlin, R., Wailoo, A., Dolan P. (2005). Procedural justice in public healthcare resource allocation: *Applied Health Economics and Health Policy* 4(2):119-127
61. Karnon J, **Tsuchiya A**, Dolan P. (2005) Developing a relativities approach to value the prevention of non-fatal work-related accidents and ill health. *Health Economics* 14(11): 1103-1115
62. Dolan, P., **Tsuchiya, A.** (2005), Health priorities and public preferences: The relative importance of past health experience and future health prospects, *Journal of Health Economics* 24:703-714
63. **Tsuchiya, A.**, Dolan, P. (2005), The QALY model and individual preferences for health states and health profiles over time: A systematic review of the literature, *Medical Decision Making*, 25(4):460-467
64. Dolan, P., Shaw, R., **Tsuchiya, A.**, Williams, A. (2005), QALY maximisation and people's preferences: A methodological review of the literature, *Health Economics* 14:197-208
65. **Tsuchiya, A.**, Williams, A. (2005), A "Fair Innings" Between the Sexes: Are Men Being Treated Inequitably?, *Social Science & Medicine*, 60: 277-286
66. Brazier J, Akehurst R, Brennan A, Dolan P, Claxton K, McCabe C, Sculpher M, **Tsuchiya A** (2005), Should patients have a greater role in valuating health states? *Applied Health Economics and Health Policy*, 4: 201-208
67. Abásolo, I., **Tsuchiya, A.** (2004) Exploring Social Welfare Functions and violation of monotonicity: An example from inequalities in health. *Journal of Health Economics* 23(2): 313-329
68. Brazier, J., Roberts, J., **Tsuchiya, A.**, Busschbach, J. (2004), A comparison of the EQ-5D and SF-6D across seven patient groups, *Health Economics*, 13(9): 873-884
69. Dolan, P., **Tsuchiya, A.** (2003), The person trade-off method and the transitivity principle: An example from preference over age weighting. *Health Economics*, 12, 505-510
70. **Tsuchiya, A.**, Dolan, P., Shaw, R. (2003), Measuring people's preferences regarding ageism and health: Some methodological issues and some fresh evidence. *Social Science & Medicine*, 57(4): 687-696
71. Greiner, W., Weijnen, T., Nieuwenhuizen, M., Oppe, S., Badia, X., Busschbach, J., Buxton, M., Dolan, P., Kind, P., Krabbe, P., Ohinmaa, A., Parkin, D., Roset, M., Sintonen, H., **Tsuchiya, A.**, de Charro, F. (2003), A single European currency for EQ-5D health states: Results from a six-country study. *European Journal of Health Economics*, 4(3):222-31

72. **Tsuchiya, A.**, Ikeda, S., Ikegami, N., Nishimura, S., Sakai, I., Fukuda, T., Hamashima, C., Hisashige, A., Tamura, M. (2002), Estimating an EQ5D population value set: The case of Japan. *Health Economics*, 11(4):341-353
73. **Tsuchiya, A.** (2000), QALYs and ageism: Philosophical theories and age weighting, *Health Economics*, 9(1):57-68
74. **Tsuchiya, A.** (1999), Age-related preferences and age weighting health benefits, *Social Science and Medicine*, 48(2): 267-276
75. The Japanese EuroQol Translation Team (1998), The development of the Japanese EuroQol Instrument (in Japanese), *Journal of Health Care and Society*, 8(1):109-124
76. **Tsuchiya, A.**, Hasegawa, T., Nishimura, S., Hisashige, A., Ikegami, N., Ikeda, S. (1998), A validity study of the Japanese EuroQol Instrument (in Japanese), *Journal of Health Care and Society*, 8(1):67-77
77. **Tsuchiya, A.** (1996), Cost-effectiveness analysis and health care resource allocation (in Japanese), Kyoto University, *The Economic Review*, 157(2) :241-255
78. **Tsuchiya, A.** (1996), Value of health at different ages (in Japanese), The Health Care Science Institute, *Journal of Health Care and Society*, 6(3) :123-136

## Books

1. Brazier, J., Ratcliffe, J., Salomon, J., **Tsuchiya, A.** (2007), *Measuring and Valuing Health Benefits for Economic Evaluation*, Oxford University Press

## Book Chapters

1. **Tsuchiya, A** (2012), Chapter 38, Distributional judgements in the context of economic evaluation, in Jones, A., ed. *Companion to Health Economics Second Edition*, Elgar
2. **Tsuchiya, A.**, Miyamoto, J. (2009), Chapter 20 Social choice in health and health care, in Anand, P., Puppe, C., Pattanaik, P. eds, *Handbook of Rational and Social Choice*, Oxford University Press
3. **Tsuchiya, A.**, Dolan, P. (2007), Chapter 8 Being reasonable about equity and fairness: looking back, and extending the Williams way, in Mason, A., Towse, A. eds *The Influence of Alan Williams: Be reasonable – do it my way!* Radcliffe Publishing
4. Dolan, P., **Tsuchiya, A.** (2007) Chapter 12 The measurement and valuation of public safety, in Mason, A., Towse, A. eds *The Influence of Alan Williams: Be reasonable – do it my way!* Radcliffe Publishing
5. Dolan, P., **Tsuchiya, A.** (2006), Chapter 36 The elicitation of distributional judgements in the context of economic evaluation, in Jones, A., ed. *Companion to Health Economics*, Elgar
6. Williams, A, Dolan, P, **Tsuchiya, A** (2005) , Chapter 3. Eliciting equity-efficiency trade offs in health, in Smith, P.C, Ginnelly, L, Sculpher, M eds, *Health Policy and Economics: Opportunities and Challenges*, Open University Press
7. **Tsuchiya, A.** (2003), Chapter 13.2. Accounting for time and age in summary measures of population health, in Murray, C., Salomon, J., Mathers, C., Lopez, A., Lozano, R. eds., *Summary Measures of Population Health*, WHO
8. **Tsuchiya, A.**, Williams, A. (2001), Chapter 2. Welfare economics and economic evaluation, in Drummond, M., McGuire, A. eds., *Economic Evaluation in Health Care: Theory and Practice*, Oxford University Press

9. **Tsuchiya, A.** (1998), The allocation of health care resources: The basic concepts (in Japanese), in Kato, H., Kamo, N. eds, *Handbook for Bioethics*, Sekai Shiso Sha

Discussion papers **not available elsewhere**, Non-refereed papers, Letters, and Replies.

1. Popli G, **Tsuchiya A**, Gladwell D (2015), Estimating the impact of health on NEET status, Sheffield Economics Research Paper Series no. 2015016
2. van Hout B, McHardy J, **Tsuchiya, A.** (2015) Patent Purchase as a Policy for Pharmaceuticals, Sheffield Economics Research Paper Series no. 2015007.
3. Abásolo I, **Tsuchiya A** (2014) Comparing inequality and risk aversion in health and income: An empirical analysis using hypothetical scenarios with losses, Instituto de Estudios Fiscales, Papeles de Trabajo NIPO 634-14-010-1
4. Popli GK, **Tsuchiya A** (2014), Sons and daughters: parental beliefs and child behaviour (evidence from the UK Millennium Cohort Study), Sheffield Economic Research Paper Series no. 2014013
5. Månsdotter A, **Tsuchiya A**, Backhans M, Hallqvist J, Lundberg M, Lundin A, Lindholm L (2013) Childcare, breadwinning and mortality in the Swedish parental cohort of 1988/89. Health Economics and Decision Sciences Discussion Paper DP13/09
6. Bansback N, Brazier J, **Tsuchiya A**, Anis A, Erratum to “Using a discrete choice experiment to estimate health state utility values” [*J. Health Econ.* 31 (1)(2012) 306–318], *Journal of Health Economics*, 32(2): 486
7. Ternent L, **Tsuchiya A**, (2012) A note on the expected biases in conventional iterative health state valuation protocols, Health Economics and Decision Sciences Discussion Paper, DP 12/11 [longer/full version of the article in *Medical Decision Making*]
8. **Tsuchiya A**, Mulhern B (2011), Preparation for the Re-valuation of the EQ-5D Tariff (PRET) project: Overview of methods for project stages 1-3, Health Economics and Decision Sciences Discussion Paper DP11/16
9. Rowen D, Carlton J, Brazier J, Mulhern B, Palfreyman S, Stevens K, **Tsuchiya A.** (2010), Comment on FDA guidance for patient-reported outcome measures. *British Medical Journal*, 340: c2921
10. Devlin N, **Tsuchiya A**, Buckingham K, Tilling C, (2009) Does *the Value of Quality of Life Depend on Duration?* City University London Economics Discussion Paper Series 09/07
11. Edlin R, **Tsuchiya A**, Dolan P, (2009) *Measuring the societal value of lifetime health*, Sheffield Economics Research Paper Series 2009010
12. Dolan P, **Tsuchiya, A.** (2009) Corrigendum to “The social welfare function and individual responsibility”, *Journal of Health Economics*, 28(3): 758-759
13. **Tsuchiya A**, Månsdotter A. (2009) *Towards the genderless society: equitable for female wellbeing and male health?* Health Economics and Decision Sciences Discussion Paper 09/01
14. Hauck K, Hollingsworth B, **Tsuchiya A.** (2008) *Resource allocation, health mobility and adaptation to illness*. Health Economics and Decision Sciences Discussion Paper
15. Dolan P, Edlin R, **Tsuchiya A.** (2008) *The relative societal value of health gains to different beneficiaries* Health Economics and Decision Sciences Discussion Paper
16. McCabe, C., **Tsuchiya, A.**, Claxton, K., Raftery, J. (2007), Assessing the economic challenges posed by orphan drugs: A comment on Drummond et al. *International Journal of Technology Assessment in Health Care*, 23(3): 397–401.

17. Abásolo, I., **Tsuchiya, A.** (2007) In response to Indranil Dutta, “Health inequality and non-monotonicity of the health related social welfare function”. *Journal of Health Economics* 26: 422–425
18. Dolan, P., **Tsuchiya, A.** (2006), Severity of illness and priority setting: Worrisome criticism of inconvenient finding? — A reply to Erik Nord, *Journal of Health Economics*, 25(1):173-174
19. Abásolo, I., **Tsuchiya, A.** (2004) Exploring Social Welfare Functions and violation of monotonicity: An example from inequalities in health — A Reply to Jan Abel Olsen. *Journal of Health Economics*
20. Dolan, P., **Tsuchiya, A.**, Wailoo, A. (2003), The NICE Citizen’s Council: What do we ask them, and how? *The Lancet*, 362 (9387):918-9
21. **Tsuchiya, A.**, Brazier, J., McColl, E., Parkin, D. (2002), *Deriving preference-based single indices from non-preference based condition-specific instruments: Converting AQLQ into EQ5D indices*, Sheffield Health Economics Group Discussion Paper
22. Shaw, R., Dolan, P., **Tsuchiya, A.**, Williams, A., Smith, P., Burrows, R. (2001), *Development of a questionnaire to elicit people’s preferences regarding health inequalities*, Occasional Paper, Centre for Health Economics, University of York
23. **Tsuchiya, A.** (2001) , *The Value of Health at Different Ages*, Discussion Paper 184, Centre for Health Economics, University of York [English adaptation of *Journal of Health Care and Society*, 1996, in Japanese]
24. Ikeda, S., Sakai, I., Tamura, M., **Tsuchiya, A.** (2001), VAS valuations for hypothetical health states using EQ-5D in Japan, in *Proceedings of the EuroQol Meeting, Pamplona, September, 2000*
25. **Tsuchiya, A.**, on behalf of the Japanese EuroQol Tariff Project (2000), Estimating a EuroQol tariff for Japan, in *Proceedings of the EuroQol Meeting, Hannover, November, 1999*
26. Ikegami, N., Ikeda, S., **Tsuchiya, A.**, eds. (1999), *Economic Evaluation of Health Care* (Japanese translation of Gold, M.R., et al. eds., *Cost-Effectiveness in Health and Medicine*), Igaku Shoin

July 2015