

## List of publications Aki Tsuchiya

### Refereed Journals

1. Rowen D, Brazier J, **Tsuchiya A**, Hernandez MA (forthcoming) Valuing states from multiple measures on the same visual analogue scale: a feasibility study, *Health Economics*
2. Hauck K, **Tsuchiya A**, (forthcoming) Health dynamics: implications for efficiency and equity in priority setting. *Value in Health*
3. Tilling, C., Krol, M., **Tsuchiya, A.**, Brazier, J.E., van Exel, J., Brouwer, W.B.F. (forthcoming) Does the EQ-5D reflect lost earnings? *Pharmacoeconomics*
4. 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
5. 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
6. 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
7. Yang Y, **Tsuchiya A**, Brazier J, Young T. (2011) Estimating a preference-based single index from the Asthma Quality of Life Questionnaire (AQLQ): *Medical Decision Making*, 31(2); 281-291
8. 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
9. 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
10. 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
11. 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
12. 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
13. 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
14. Brazier J, **Tsuchiya A** (2010), Preference-based condition-specific measures of health: what happens to cross programme comparability? *Health Economics*, 19(2): 125-129
15. 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
16. 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
17. 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

18. 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
19. 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
20. 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
21. **Tsuchiya, A.**, Dolan, P. (2009), Equality of what in health?: Distinguishing between outcome egalitarianism and gain egalitarianism, *Health Economics*, 18: 147-159
22. Cookson, R., McCabe, C., **Tsuchiya, A.** (2008), Public health care resource allocation and the rule of rescue, *Journal of Medical Ethics*, 34: 40-544
23. Abásolo, I., **Tsuchiya, A** (2008), Understanding preferences for egalitarian policies in health: Is age a determinant?: *Applied Economics* 40(19) 2451-2461
24. 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
25. 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
26. 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
27. 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
28. Aballéa, S., **Tsuchiya, A.** (2007), Seeing for yourself: Feasibility study towards valuing visual impairment using simulation spectacles: *Health Economics*. 16(5): 537-543
29. McCabe C, **Tsuchiya A**, Claxton K, Raftery J (2006), Orphan drugs revisited, *QJM*, 99(5):341-345
30. **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
31. 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
32. 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
33. Dolan, P., Loomes, G., Pesasgood, T., **Tsuchiya, A.** (2005), Estimating the intangible victim costs of violent crime: *British Journal of Criminology*, 45: 958 - 976
34. **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
35. 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
36. 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

37. **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
38. 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
39. **Tsuchiya, A.**, Williams, A. (2005), A "Fair Innings" Between the Sexes: Are Men Being Treated Inequitably?, *Social Science & Medicine*, 60: 277-286
40. 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
41. 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
42. 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
43. 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
44. **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
45. 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
46. **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
47. **Tsuchiya, A.** (2000), QALYs and ageism: Philosophical theories and age weighting, *Health Economics*, 9(1):57-68
48. **Tsuchiya, A.** (1999), Age-related preferences and age weighting health benefits, *Social Science and Medicine*, 48(2): 267-276
49. 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
50. **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
51. **Tsuchiya, A.** (1996), Cost-effectiveness analysis and health care resource allocation (in Japanese), Kyoto University, *The Economic Review*, 157(2) :241-255
52. **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.**, 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
2. **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
3. 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
4. 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
5. Williams,A, Dolan,P, **Tsuchiya,A** (2005) , Chapter 3. Eliciting equity-efficiency trade offs in health, in Smith,PC, Ginnelly,L, Sculpher,M eds, *Health Policy and Economics: Opportunities and Challenges*, Open University Press
6. **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
7. **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
8. **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, Non-refereed papers, Letters and Replies

1. Bansback N, Brazier J, **Tsuchiya A**, Anis A (2010), *Using a discrete choice experiment to estimate societal health state utility values*, Health Economics and Decision Sciences Discussion Paper
2. 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
3. Tilling, C., Krol, M., **Tsuchiya, A.**, Brazier, J.E., van Exel, J., Brouwer, W.B.F. (2009). Measuring the value of life: Exploring a new method for deriving the Monetary Value of a QALY. Health Economics and Decision Science Discussion Paper Series, 09/14
4. Devlin N, **Tsuchiya A**, Buckingham K, Tilling C, (2009) *A Uniform Time Trade Off Method for States Better and Worse than Dead: Feasibility Study of the 'Lead Time' Approach*, City University London Economics Discussion Paper Series 09/08 [subsequently forthcoming from *Health Economics*]
5. 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

6. Rowen D, Brazier J, **Tsuchiya A**, Hernandez M, Ibbotson R. (2009) *The simultaneous valuation of states from multiple instruments using ranking and VAS data: methods and preliminary results*. Health Economics and Decision Science Discussion Paper Series, 09/06
7. Edlin R, **Tsuchiya A**, Dolan P, (2009) *Measuring the societal value of lifetime health*, Sheffield Economics Research Paper Series 2009010
8. Dolan P, **Tsuchiya A**, (2009) Corrigendum to “The social welfare function and individual responsibility”, *Journal of Health Economics*, 28(3): 758-759
9. Tilling C, Krol M, **Tsuchiya A**, Brazier J, van Exel J, Brouwer W (2009). *The impact of losses in income due to ill health: Does the EQ-5D reflect lost earnings?* Health Economics and Decision Sciences Discussion Paper 09/04 (internally reviewed) [subsequently forthcoming from *Pharmacoeconomics*]
10. McTaggart-Cowan H, O’Cathain A, **Tsuchiya A**, Brazier J. (2009) *A Qualitative Study Exploring the General Population’s Perception of Rheumatoid Arthritis after being Informed about Disease Adaptation*. Health Economics and Decision Sciences Discussion Paper 09/02 (internally reviewed)
11. **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
12. McTaggart-Cowan H, Brazier J, **Tsuchiya A**. (2008) *Combining Rasch And Cluster Analysis: A Novel Method For Developing Rheumatoid Arthritis States For Use In Valuation Studies*, Health Economics and Decision Sciences Discussion Paper 08/15 (internally reviewed) [subsequently forthcoming from *Value in Health*]
13. Hauck K, Hollingsworth B, **Tsuchiya A**. (2008) *Resource allocation, health mobility and adaptation to illness*. Health Economics and Decision Sciences Discussion Paper (internally reviewed)
14. Dolan P, Edlin R, **Tsuchiya A**. (2008) *The relative societal value of health gains to different beneficiaries* Health Economics and Decision Sciences Discussion Paper
15. Tilling C, Devlin N, **Tsuchiya A**, Buckingham K (2008). *Protocols for TTO Valuations of Health States Worse than Dead: A literature review and framework for systematic analysis*, Health Economics and Decision Sciences Discussion Paper [subsequently forthcoming from *Medical Decision Making*]
16. Wailoo A, **Tsuchiya A**, McCabe C. (2008) *Weighting must wait: incorporating equity concerns into cost effectiveness analysis may take longer than expected*. Health Economics and Decision Sciences Discussion Paper [subsequently published from *Pharmacoeconomics*, 2009]
17. Young T, Yang Y, Brazier J, **Tsuchiya A**, Coyne K. (2008) *Making Rasch Decisions: The use of Rasch Analysis in the Construction of Preference Based Health Related Quality of Life Instruments* Health Economics and Decision Sciences Discussion Paper [subsequently published from *Quality of Life Research*, 2009]
18. Brazier J, Yang Y, **Tsuchiya A**. (2008) *A review of studies mapping (or cross walking) from non-preference based measures of health to generic preference-based measures* Health Economics and Decision Sciences Discussion Paper
19. Cookson, R., McCabe, C., **Tsuchiya A**, (2007), *Public health care resource allocation and the rule of rescue*. Health Economics and Decision Sciences Discussion Paper [subsequently published from *Journal of Medical Ethics*, 2008]
20. Yang, Y., **Tsuchiya A**, Brazier, J., Young, T. (2007), *Estimating a preference-based single index from the Asthma Quality of Life Questionnaire (AQLQ)*. Health Economics and Decision Sciences Discussion Paper [subsequently forthcoming from *Medical Decision Making*]

21. Young, T., Yang, Y., Brazier, J., **Tsuchiya, A.** (2007), *The use of Rasch analysis as a tool in the construction of a preference based measure: the case of AQLQ*. Health Economics and Decision Sciences Discussion Paper [subsequently forthcoming from *Medical Decision Making*]
22. 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.
23. 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
24. **Tsuchiya, A.**, Dolan, P. (2006), *Equality of what in health? Distinguishing between outcome egalitarianism and gain egalitarianism*, Health Economics and Decision Sciences Discussion Paper (internally reviewed) [subsequently published from *Health Economics*, 2009]
25. Dolan, P., **Tsuchiya, A.** (2006), Severity of illness and priority setting: Worrysome criticism of inconvenient finding? — A reply to Erik Nord, *Journal of Health Economics*, 25(1):173-174
26. 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*
27. Aballéa, S., **Tsuchiya, A.** (2004) *Seeing and doing: Feasibility study towards valuing visual impairment using simulation spectacles*, Sheffield Health Economics Group Discussion Paper (internally reviewed) [subsequently published from *Health Economics*, 2007]
28. 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
29. Dolan P., **Tsuchiya, A.** (2003) *The social welfare function and individual responsibility: Some theoretical issues and empirical evidence from health*, Sheffield Health Economics Group Discussion Paper [subsequently published from *Journal of Health Economics*, 2009]
30. Dolan, P., **Tsuchiya, A.**, Smith, P., Shaw, R., Williams, A. (2002), *Determining the parameters in a social welfare function using stated preference data: An application to health*, Sheffield Health Economics Group Discussion Paper [subsequently forthcoming from *Applied Economics*]
31. Brazier, J., Roberts, J., **Tsuchiya, A.** (2002), A comparison of the EQ5D and SF6D across seven patient groups, in *Proceedings of the EuroQol Meeting, Copenhagen, September, 2001* [subsequently published from *Health Economics*, 2004]
32. **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
33. 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
34. **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]
35. 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*
36. **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*
37. 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

