Dr. Behrooz Hassanimahmooei

Biography

Behrooz is currently the Director of Enterprise Intelligece and Insights unit at Monash University.

Qualifications

Employment

Research output

Prognostic role of demographic, injury and claim factors in disabling pain and mental health conditions 12 months after compensable injury
Nguyen, T. L., Baker, K. S., Ioannou, L., Hassani-Mahmooei, B., Gibson, S. J., Collie, A., Ponsford, J., Cameron, P. A., Gabbe, B. J. & Giummarra, M. J., 7 Oct 2020, In: International Journal of Environmental Research and Public Health. 17, 19, 21 p., 7320.

An interpretable algorithm on post-injury health service utilization patterns to predict injury outcomes
Akbarzadeh Khorshidi, H., Hassani-Mahmooei, B. & Haffari, G., Sept 2020, In: Journal of Occupational Rehabilitation. 30, p. 331–342 12 p.

Impact of comorbidity on health outcome after a transport-related injury
Samoborec, S., Simpson, P., Hassani-Mahmooei, B., Ruseckaite, R., Giummarra, M., Ayton, D. & Evans, S., Jun 2020, In: Injury Prevention. 26, 3, p. 254-261 8 p.

Lack of English proficiency is associated with the characteristics of work- related injury and recovery cost in the Victorian working population
Sampson, A. K., Hassani-Mahmooei, B. & Collie, A., 2020, In: Work. 67, 3, p. 741-752 12 p.

Characterizing Early and Late Return to Work after Traumatic Brain Injury
Spitz, G., Mahmooei, B. H., Ross, P., McKenzie, D. & Ponsford, J. L., 1 Sept 2019, In: Journal of Neurotrauma. 36, 17, p. 2533-2540 8 p.

Multi-objective semi-supervised clustering to identify health service patterns for injured patients
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Khorshidi, H. A., Haffari, G., Aickelin, U. & Hassani-Mahmooei, B., 8 Aug 2019, *Digital Health: Changing the Way Healthcare is Conceptualised and Delivered: Selected Papers from the 27th Australian National Health Informatics Conference (HIC 2019).* Cummings, E., Merolli, M. & Schaper, L. K. (eds.). Amsterdam Netherlands: IOS Press, p. 1-6 6 p. (Studies in Health Technology and Informatics; vol. 266).

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Gray, S., Lane, T. J., Hassani-Mahmooei, B. & Collie, A., 6 May 2019, In: Policy Design and Practice. 2, 3, p. 291-304 14 p.

Patterns and Predictors of Failed and Sustained Return-to-Work in Transport Injury Insurance Claimants
Gray, S. E., Hassani-Mahmooei, B., Cameron, I. D., Kendall, E., Kenardy, J. & Collie, A., Dec 2018, In: Journal of Occupational Rehabilitation. 28, 4, p. 740-748 9 p.

A population-based study of treated mental health and persistent pain conditions after transport injury
Giummarra, M. J., Black, O., Smith, P., Collie, A., Hassani-Mahmooei, B., Arnold, C. A., Gong, J. & Gabbe, B. J., Oct 2018, In: Injury. 49, 10, p. 1787-1795 9 p.

Factors associated with graduated return to work following injury in a road traffic crash
Gray, S. E., Hassani-Mahmooei, B., Kendall, E., Cameron, I. D., Kenardy, J. A. & Collie, A., Sept 2018, In: Journal of Transport & Health. 10, p. 167-177 11 p.

Effectiveness of employer financial incentives in reducing time to report worker injury: An interrupted time series study of two Australian workers' compensation jurisdictions
Lane, T. J., Gray, S., Hassani Mahmooei, B. & Collie, A., 5 Jan 2018, In: BMC Public Health. 18, 1, 10 p., 100.

The impact of legislative change on workers' compensation processes and outcomes: Findings from the COMPARE project
Collie, A., Lane, T., Gray, S. & Hassani-Mahmooei, B., Jun 2017, Melbourne: Monash University. 34 p.

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Marembo, M., Hassani-Mahmooei, B. & Iles, R., 2017, Australia: Monash University. 59 p.

Prescription opioid dispensing and prescription opioid poisoning: Population data from Victoria, Australia 2006 to 2013
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Victoria Police Safer Workplaces Project
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Prang, K. H., Hassani-Mahmooei, B. & Collie, A., 1 Oct 2016, In: BMC Research Notes. 9, 1, 11 p., 456.

Work-related injury and illness in Australia, 2004 to 2014: What is the incidence of work-related conditions and their impact on time lost from work by state and territory, age, gender and injury type?
Lane, T., Collie, A. & Hassani-Mahmooei, B., Jun 2016, Melbourne Vic Australia: Monash University. 54 p.

The effect of pre-existing health conditions on the cost of recovery from road traffic injury: Insights from data linkage of medicare and compensable injury claims in Victoria, Australia
Hassani Mahmooei, B., Berecki-Gisolf, J., Hahn, Y. & McClure, R. J., 29 Apr 2016, In: BMC Health Services Research. 16, 1, 8 p., 162.

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Collie, A., Lane, T. J., Hassani-Mahmooei, B., Thompson, J. & McLeod, C., 2016, In: BMJ Open. 6, 5, 11 p., e010910.

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"Anarchy" reigns: A quantitative analysis of agent-based modelling publication practices in JASSS, 2001-2012
Angus, S. & Hassani Mahmooei, B., 2015, In: Journal of Artificial Societies and Social Simulation. 18, 4, p. 1 - 20 20 p.

Evaluation of WorkSafe Victoria's introduction of Streamlined Treatment Approvals policy initiative
Koppel, S. N., Collie, A., Nheu, N., Grant, G. M., Berecki-Gisolf, J., Hassani-Mahmooei, B., Iles, R. & Newstead, S. V., 2015, WorkSafe Victoria, Victorian WorkCover Authority. 270 p.

The complexities of agent-based modeling output analysis
Lee, J-S., Filatova, T., Ligmann-Zielinska, A., Hassani Mahmooei, B., Stonedahl, F., Lorscheid, I., Voinov, A., Polhill, J. G. , Sun, Z. & Parker, D. C., 2015, In: Journal of Artificial Societies and Social Simulation. 18, 4, p. 1 - 27 27 p.

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Dynamics of effort allocation and evolution of trust: an agent-based model
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Resource scarcity, effort allocation and environmental security: An agent-based theoretical approach
Hassani Mahmooei, B. & Parris, B. W., 2013, In: Economic Modelling. 30, p. 183 - 192 10 p.

Climate change and internal migration patterns in Bangladesh: an agent-based model
Hassani Mahmooei, B. & Parris, B. W., 2012, In: Environment and Development Economics. 17, 6, p. 763 - 780 18 p.

Climate change impacts and adaptation in Bangladesh: an agent-based approach
Angus, S., Parris, B. W. & Hassani Mahmooei, B., 2009, *Proceedings of the 18th IMACS World Congress and MODSIM09 International Congress on Modelling and Simulation: Interfacing Modelling and Simulation with Mathematical and Computational Sciences, Proceedings.* Anderssen, R. S., Braddock, R. D. & Newham, L. T. H. (eds.). www.mssanz.org.au/modsim09: Modelling and Simulation Society of Australia and New Zealand (MSSANZ), p. 2720-2726 7 p. (18th World IMACS Congress and MODSIM 2009 - International Congress on Modelling and Simulation: Interfacing Modelling and Simulation with Mathematical and Computational Sciences, Proceedings).

Designing adaptive artificial agents for an economic production and conflict model
Hassani Mahmooei, B. & Parris, B. W., 2009, *Artificial Life: Borrowing from Biology.* Korb, K., Randall, M. & Hendtlass, T. (eds.). Heidelberg Germany: Springer, p. 179 - 190 12 p.

Awards

Development of an Occupational Health and Safety Monitoring Framework for the Victorian Public Health Sector
Collie, A., Hassanimahmooei, B. & Gibson, K.
26/10/16 → 30/06/17

Activities