AUTHORSHIP STATEMENT

1. Details of publication and executive author

Title of Publication		Publication details
Spatio-Temporal Reference Frames as Geographic Objects		SIGSPATIAL 2017
Name of executive author	School/Institute/Division if based at Deakin; Organisation and address if non-Deakin	Email or phone
Andrew J. Simmons	Applied Artificial Intelligence Institute	a.simmons@deakin.edu.au

2. Inclusion of publication in a thesis

Is it intended to include this publication in a higher degree by research (HDR) thesis?	Yes / No	If Yes, please complete Section 3 If No, go straight to Section 4.

3. HDR thesis author's declaration

Name of HDR thesis author if different from above. (If the same, write "as above")	School/Institute/Division if based at Deakin	Thesis title
As above	Applied Artificial Intelligence Institute	Computational Pipelines for Spatio-Temporal Analysis of Team Invasion Sport

If there are multiple authors, give a full description of HDR thesis author's contribution to the publication (for example, how much did you contribute to the conception of the project, the design of methodology or experimental protocol, data collection, analysis, drafting the manuscript, revising it critically for important intellectual content, etc.)

I conceived of and implemented the approach, then worked with Rajesh Vasa to determine the research contributions and find ways to present the work. Rajesh Vasa proposed adapting Bloom's revised Taxonomy of Learning (usually used for education) as an evaluation tool in this paper to reason about the learnability of the system. I drafted the paper with critical revisions from Rajesh Vasa.

I declare that the above is an accurate description of my contribution to this paper, and the contributions of other authors are as described below.	Signature and date	*ASimmons*

4. Description of all author contributions

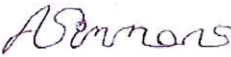| Name and affiliation of author	Contribution(s) (for example, conception of the project, design of methodology or experimental protocol, data collection, analysis, drafting the manuscript, revising it critically for important intellectual content, etc.)
Andrew J. Simmons	Conception, implementation, analysis, drafting
Rajesh Vasa	Design of evaluation methodology, Revising critically

5. Author Declarations

I agree to be named as one of the authors of this work, and confirm:

i.   *that I have met the authorship criteria set out in the Deakin University Research Conduct Policy,*

ii.   *that there are no other authors according to these criteria,*

iii. *that the description in Section 4 of my contribution(s) to this publication is accurate,*

iv.   *that the data on which these findings are based are stored as set out in Section 7 below.*

If this work is to form part of an HDR thesis as described in Sections 2 and 3, I further

v.   *consent to the incorporation of the publication into the candidate's HDR thesis submitted to Deakin University and, if the higher degree is awarded, the subsequent publication of the thesis by the university (subject to relevant Copyright provisions).*

Name of author	Signature*	Date
Andrew J. Simmons	*ASimmons*	12 March 2019
Rajesh Vasa	███████	14 mar 2019

6. Other contributor declarations

I agree to be named as a non-author contributor to this work.

Name and affiliation of contributor	Contribution	Signature* and date

* If an author or contributor is unavailable or otherwise unable to sign the statement of authorship, the Head of Academic Unit may sign on their behalf, noting the reason for their unavailability, provided there is no evidence to suggest that the person would object to being named as author

7. Data storage

The original data for this project are stored in the following locations. (The locations must be within an appropriate institutional setting. If the executive author is a Deakin staff member and data are stored outside Deakin University, permission for this must be given by the Head of Academic Unit within which the executive author is based.)

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