**Statement of Authorship for joint/multi-authored papers for PGR thesis**

To appear at the end of each thesis chapter submitted as an article/paper

The statement shall describe the candidate’s and co-authors’ independent research contributions in the thesis publications. For each publication there should exist a complete statement that is to be filled out and signed by the candidate and supervisor **(only required where there isn’t already a statement of contribution within the paper itself).**

|  |  |
| --- | --- |
| Title of Paper | Fast Traversability Estimation for Wild Visual Navigation |
| Publication Status | x Published □ Accepted for Publication  □ Submitted for Publication □ Unpublished and unsubmitted work written  in a manuscript style |
| Publication Details | Jonas Frey\*, Matias Mattamala\*, Nived Chebrolu, Cesar Cadena, Maurice Fallon, Marco Hutter, “Fast Traversability Estimation for Wild Visual Navigation,” *Robotics: Science and Systems*, 2023. (\*equal contribution) |

Student Confirmation

|  |  |  |  |
| --- | --- | --- | --- |
| Student Name: | Matias Mattamala | | |
| Contribution to the Paper | * Co-developed the main idea * Co-implemented the method, mainly the self-supervision strategy and onboard system integration * Executed closed-loop field experiments * Performed data analysis of field experiments * Discussed and analyzed offline dataset experiments * Wrote half of the sections of the paper | | |
| Signature | | Date | September 8, 2023 |

Supervisor Confirmation

By signing the Statement of Authorship, you are certifying that the candidate made a substantial contribution to the publication, and that the description described above is accurate.

|  |  |  |
| --- | --- | --- |
| Supervisor name and title: Professor Maurice Fallon | | |
| Supervisor comments  Matias was the co-lead instigator, implementer and researcher on this project and wrote about half of the paper.  This paper was a typical jointly lead collaboration with an equal balance of input from Jonas and Matias.  The work was particularly extensive (more than twice Matias’ other papers). | | |
| Signature | Date | September 8, 2023 |

This completed form should be included in the thesis, at the end of the relevant chapter.