## Application for approval of outreach activity

According to the PhD regulations, candidates should document that they have completed a specific task with the aim to inform a wider audience than the academic community. Usually, this would be in the form of either a tangible product (e.g. a newspaper chronicle, a blog-post, a pod-cast or similar) or it may relate to a seminar/conference directed to teachers, policy makers or others in a wider group. It should amount to 15-20 hours of work

Name of PhD candidate: Tony Tan

Name of supervisor: Prof Rolf Olsen

Description of product (please include a link or copy of the product if possible):

*Product 1*: PIAAC 2022 Annual Conference: Pre-conference workshop (22 & 23 March 2022)

Product title: Analyzing PIAAC data with structural equation modelling in Mplus

Time consumed: 8 hours co-presentation, 2 hours post-conference meeting as requested by candidate

Product link: <https://osf.io/5v2d9/> (doi:10.17605/OSF.IO/5V2D9)

*Product 2*: UseR Oslo presentation (11 May 2022)

Product title: Missing data treatment in R: A hand-on illustration using {mice}

Time consumed: 2 hours presentation, 1 hour audience interaction, total 10 hours preparation including meetings with UseR Oslo coordinators and rehersals

Product link: <https://www.youtube.com/watch?v=BZIHHR-V4wg>

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Sign PhD-candidate Sign main supervisor

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Sign PhD coordinator