

## Digital competencies of high school mathematics teachers in Pakistan: A pilot study to validate an online survey

Mairaj Jafri

*University of Waikato*

<mj115@students.waikato.ac.nz>

This presentation reports the results of a pilot study for a PhD research that investigates the digital competencies of high school mathematics teachers. The main objective was to identify appropriate survey questions in the context of mathematics teaching with digital resources in Pakistan. The pilot study was conducted with 42 participants. The response rate was 36 per cent. The results demonstrated that the study protocols are feasible. The changes made in the instrument included rewording, layout, structure, statements and flow of the survey items. As the research on digital competence continues, I believe the mathematics research community can use the survey in different contexts. With possible new frameworks that may emerge in future studies on digital competence, the survey can be further refined.