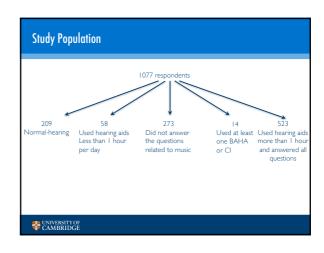
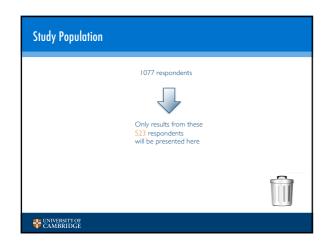
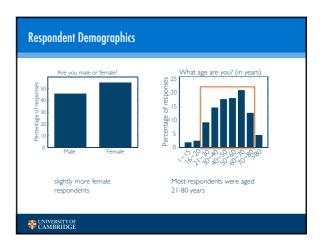


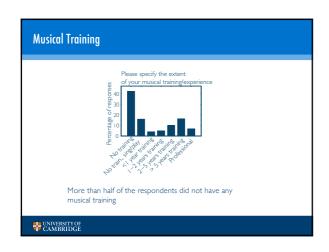
## Motivation for PhD Many hearing-aid users complain that they are not satisfied with their hearing aids for listening to music Hearing aid signal processing and fitting has mainly been designed to optimise speech intelligibility Speech and music signals differs. Music signals are more varied depending on type of instruments and types of music. Some music has much larger dynamic range than speech Expectations are different for music and speech. Speech is essential for daily communication whereas music is for pleasure

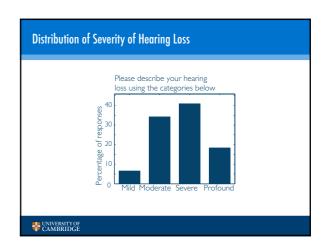
## Aims and Design of survey Aims of study To assess the extent to which hearing aids improve or worsen the experience of listening to live and reproduced music, and to establish the nature and prevalence of any problems Study design The questionnaire was generated using Survey Monkey and was active on the Internet from 13th March 2013 to 21st January 2014 The survey consisted of 21 multiple-choice and one open question

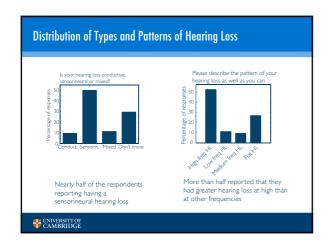


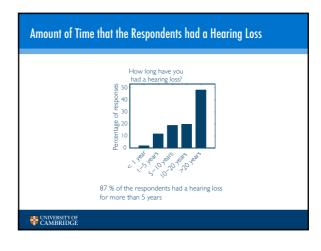


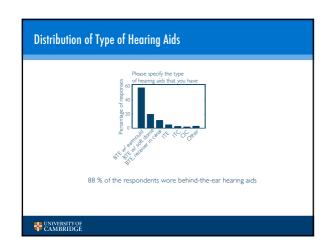


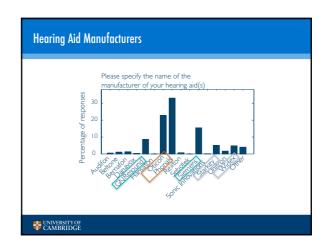


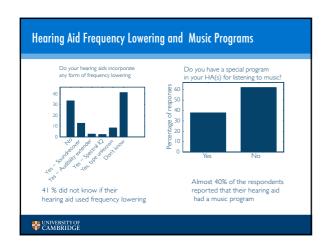


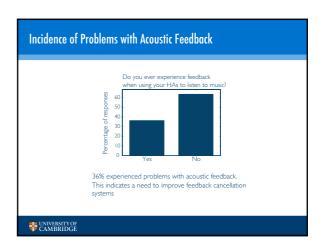


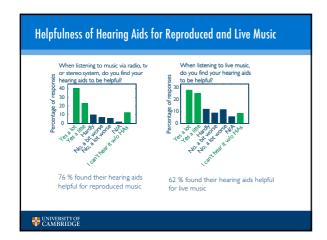


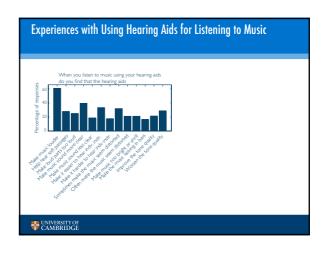




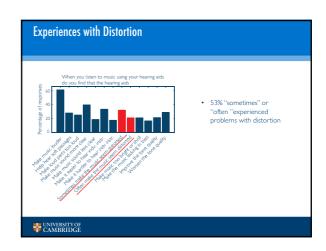


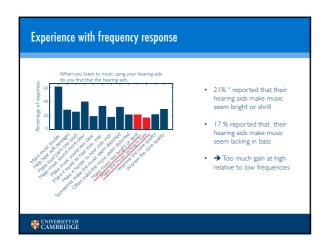


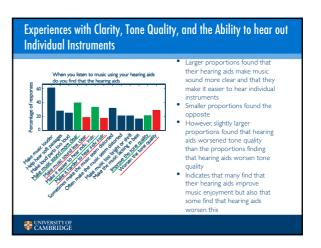












## O Most respondents find their hearing aids helpful when listening to music But the the results also indicate a need to: Improve feedback cancellation systems Improve the amplification strategy Improve tone quality which perhaps could be done by improving the balance between gain at high and low frequencies

