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SCHIZOPHRENIA Factsheet

How is tone perception related to schizophrenia?

Low-level sensory functioning may be impaired in people with schizophrenia and may contribute to higher-order cognitive and social impairments. Tone perception involves pitch discrimination, which can be assessed using the tone-matching task. During this task, participants are presented pairs of non-verbal tones that are either identical or differ in frequency by several specified amounts. Participants respond by nominating 'same' or 'different' and accuracy is scored.

What is the evidence for tone perception?

Moderate to high quality evidence finds a large effect of poorer tone matching ability in people with schizophrenia.

For more information see the technical table

NeuRA (Neuroscience Research Australia) is one of the largest independent medical and clinical research institutes in Australia and an international leader in neurological research.

Diseases of the brain and nervous system pose the greatest health, economic and social burden of any disease group because they are chronic, debilitating and have no known cures.

Medical research is the cornerstone of efforts to advance the health and wellbeing of families and the community. Our dedicated scientists are focussed on transforming their research into significant and practical benefits for all patients.

While we hope you find this information useful, it is always important to discuss any questions about schizophrenia or its treatment with your doctor or other health care provider.

HOW YOUR SUPPORT HELPS

We are able to make significant advances due to the generosity of countless people. Your donation allows us to continue to work towards transforming lives. For information on how you can support our research, phone **1300 888 019** or make a secure donation at **neura.edu.au/donate**.