Integration of iconic gestures and speech in left superior temporal areas boosts speech comprehension under adverse listening conditions


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a) Bimodal Areas: Moderate SNR
responds to both, but prefers speech
neither gesture

c) Integration Areas: Moderate SNR

d) Integration Areas: Good SNR

b) Bimodal Areas: Good SNR
responds to both, but prefers speech
gesture

e) Overlap of Integration Areas

f) Test for Inverse Effectiveness
Left MTG/STG (-48 -39 3)

Right MTG/STG (51 -33 3)

n.s.*