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4-2020

Identifying Easy Indicators of Dementia

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Identifying Early Indicators of Dementia

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RATIONALE

- diagnostic services for defects in memory and cognitive performance.
- cognitive impairment.
- are limited to binary classes of dementia under control vs AD-positive.
- disease and related Dementia.

DEMENTIABANK

DementiaBank dataset contains 242 The Control, 43 MCI and 235 Probable AD interviews that were conducted in English and were based on the description of the Cookie-Theft picture [Figure 1] that is part of the Boston Diagnostic Aphasia Examination. During the interview, patients viewed the picture and were told to discuss everything they could see happening in the picture. The patients' verbal utterances were recorded and then transcribed in a format with the equivalent text.





¹ https:// dementia.talkbank.org/access/English/Pitt.html

Control			MCI			Probable AI	
on	Recall	F1-Score	Precision	Recall	F1-Score	Precision	Recall
	0.80	0.79	0.20	0.08	0.12	0.77	0.82
	0.65	0.67	0.13	0.15	0.14	0.71	0.74
	0.82	0.80	0.61	0.64	0.63	0.84	0.88









DATA VISUALIZATION

Please reach out to us:

