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INTRODUCTION

Little is presently known about how modifiable dementia risk factors associate with brain pathologies in India, the world’s most populous country.

OBJECTIVE

Establish a structural MRI based **neural exposome** of India by associating all 14 Lancet Commission modifiable dementia risk factors with neurodegenerative markers of excess atrophy.

DISCUSSION

Obesity (in the unexpected direction), social isolation, PM_{2.5} air pollution and poverty may have early influences on neurodegeneration, especially hippocampal atrophy and decreased cortical thickness, among globally established modifiable risks in India.

KEY TAKE AWAY: Obesity, social isolation, air pollution and poverty ALL associate with neurodegeneration, especially hippocampal atrophy, in older Indians.

Questions, comments, potential collabs:
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Full abstract here:

