

Reaction

On: A letter to the editor by H. Rafael et al.

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We thank Rafael and colleagues for their attention to our article [1]. Our data showed, from the population level, a longitudinal association between high systolic pressure and incident Alzheimer's disease and dementia as well as a cross-sectional relation between reduction in blood pressure (both systolic and diastolic pressure) and prevalent Alzheimer's disease and dementia. Our interpretations for these findings are speculative and primarily based on previous studies [2–4]. The mechanisms underlying the connection between blood pressure and dementia are quite complex and remain largely unclear so far. Rafael et al. provided, based mainly on their own data, more detailed explanations on the interrelationship between hypertension, atherosclerosis, and Alzheimer's disease and dementia. Their experimental studies may provide an interpretation of our findings derived from a community-based study.

References

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