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Residential greenspace might modify the effect of road traffic noise exposure on general mental health in students

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Highlights

- Greenspace was tested as a moderator of the association traffic noise – mental health
- We collected cross-sectional survey data from 399 youth
- Greenspace measures were NDVI, tree cover density, and distance to green space
- Living in a neighborhood deprived of trees enhanced the negative effect of noise
- The other measures showed a similar trend, but failed to reach formal statistical significance

Abstract

Traffic noise has been linked to mental ill-health but little is known about the impact of residential greenspace on this relationship. In the present study, we investigated whether

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