

**TITLE:** The Association of Neighborhood Walkability and Physical Activity in Differing Levels of Acculturated Latinx Adults.

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**STUDENT SUBMISSION:** Yes

**TOPIC/TARGET AUDIENCE:** Researchers and policymakers.

**ABSTRACT:** Introduction: Perceived neighborhood walkability (PNW) is associated with increased physical activity (PA). Limited research has examined these associations among Latinx populations, with few considering the role of acculturation. This study examined the association between PNW and PA and how this association varied by level of acculturation among a diverse sample of Latinx adults. Method: 798 Latinx adults (Mage = 39.64 ±15.05y) completed an online survey that reported demographic information, generational status, PNW, acculturation; including native/US cultural identity and language use; and PA. Five hierarchical linear regressions were conducted. Results: PNW was positively associated with PA (Bs = .20-.24, p= .001). US cultural identity was the only significant moderator (B = .11, p = .001), with the strongest association in Latinx adults with high US cultural identity (B = .30, p= .001) compared to average (B = .21, p= .001) and low (B = .12, p = .006) US cultural identity. Conclusion: Findings highlight the important role of acculturation in how Latinx adults interact with their neighborhood. These findings offer value in targeting PNW in Latinx populations, regardless of acculturation level.

**OBJECTIVE(S):** Describe the association between perceived neighborhood walkability and physical activity in Latinx adults.

Identify measures of acculturation (i.e., cultural identity, language use, generational status) as moderators of the association between perceived neighborhood walkability and physical activity in Latinx adults.

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