



# Home and destination attachment: study of cultural integration on Twitter

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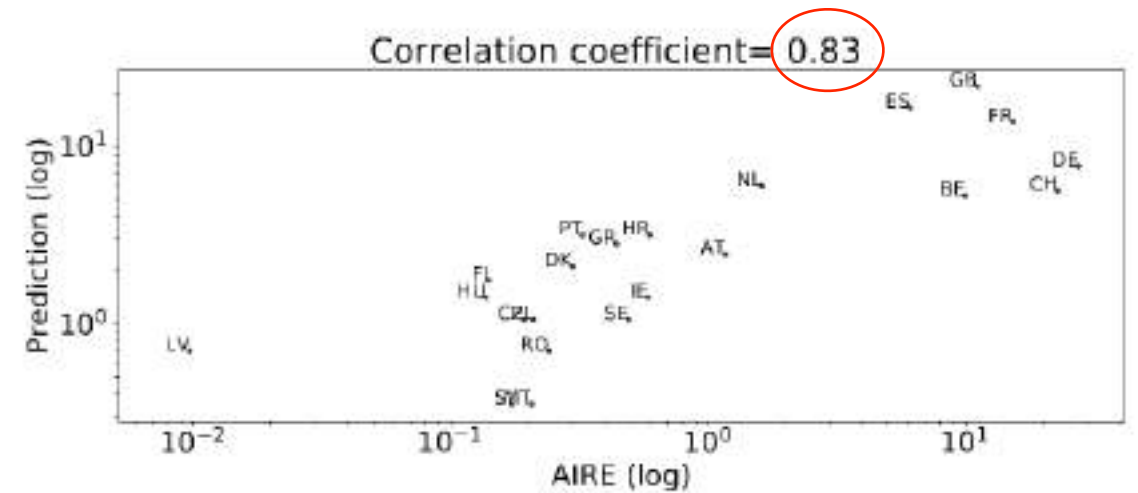
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# Migrants on Twitter<sup>1</sup>



Fig. 1 Percentage of Italian emigrants in various destination countries based on AIRE data (Italian register data)



<sup>1</sup> Kim, Jisu, et al. "Digital footprints of international migration on Twitter." International Symposium on Intelligent Data Analysis. Springer, Cham, 2020.

# Destination attachment (DA) & Home attachment (HA)

Eq. 1 Computing HA & DA

$$HA(u) = \frac{\# C_n(u) \text{ hashtags}}{\# \text{ total hashtags}} = \frac{HT(u, C_n(u))}{HT(u)}$$

$$DA(u) = \frac{\# C_r(u) \text{ hashtags}}{\# \text{ total hashtags}} = \frac{HT(u, C_r(u))}{HT(u)}$$

Table 1. Theories of integration and their relation to HA and DA

	Low HA	High HA
Low DA	Marginalisation	Separation
High DA	Assimilation	Integration

Fig. 2 Integration of individual migrant users on Twitter

