

Peer effects of swimmers

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Abstract

We examine the peer effects among swimmers using the large data from official Internet search site of Japan Swimming Federation (JSF). We found the performance of the peers influence swimmer's outcomes. Swimmers can swim fast with fast peers and slow with slower peers. We also reveal that there is heterogeneity in sensitiveness to peer effects, and the swimmers who have large volatility of records are more influenced by others. Swimmers sometimes have no peer by abstention of the player in his side lane. Using this abstention peers data, we can compare the performances when they have peers or not. We found that swimmers are more influenced by slow peers than fast peers; swimmers decrease their performance with slow peers.

Keywords: peer effects, heterogeneity, swimming, online data

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