



# Research Letters in Communications

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## Research Letter

### PacketTwins: A Novel Method for Capacity Estimation of a Heavy-Loaded Path

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## Abstract

We propose a method called PacketTwins for estimating the capacity of heavy-loaded paths. Unlike popular packet pair methods, which probe a path with a series of two equal-sized packets, PacketTwins uses a series of twin probe packets that are slightly different in size. By sending twin probe packets alternately, we can obtain new information about selecting valid samples for capacity estimation when a network path is heavy loaded.

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