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Dear Editor:

Please find the enclosed revised manuscript titled "*Detecting existence of a hidden mediator between a pair of individual time series*" by M. Mohiuddin, Udoy S. Basak, Md. Motaleb Hossain, Sulimon Sattari, Mikito Toda, Tamiki Komatsuzaki.

We greatly acknowledge the reviewers for their valuable comments on our manuscript. The point-by-point responses to the reviewers' comments are attached and, according to the reviewers' comments, the main updated parts have been marked by red color.

We would be grateful if the manuscript can be reviewed in-depth and considered for publication in *Sci. Rep.*.

Sincerely yours,

Tamiki Komatsuzaki

Taniki Kometsujaki