



भारतीय प्रबंध संस्थान बेंगलूर
INDIAN INSTITUTE OF MANAGEMENT
BANGALORE

The Decision Sciences Area at IIM Bangalore welcomes you to a webinar, titled:

'Multinomial data with randomly varying probabilities'

by
Dr. Rishideep Roy



Date: 27th August, 2021
Time: 3:00 p.m. to 4:00 p.m.

Abstract:

We consider a sequence of multinomial data, with multiple classes for each trial. We assume that the probabilities associated with these classes vary randomly over time. We show that under suitably chosen prior distribution on these probabilities, there is posterior consistency. We further consider an application of this method in calling elections, with voting data coming in multiple rounds.