**An Estimation Method of the Probability that Gust Exceeding the Critical Wind Velocity
of Overturning Occurs in an Operating Section**

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This paper introduces a method to calculate the probability that a train encounters the critical wind velocity of overturning in an operating section. The method adopts the probability that trains operated under operation regulation rules encounter the critical gusts as index of the risk. While the operation regulation can reduce the index of the risk, the monitoring method of detecting gusts affects the risk of a train overturning by cross winds.