



## Statistics Seminar

### How to Teach the Concept of Random Variable?

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12:00 – 1:00 at Derr 339

**Abstract:** The concept of Random Variable is important in Probability and Statistics. This topic is included in statistical courses at all levels: from intro stats to graduate. However, we find that it is very challenging to explain it to students as well as it is difficult for students to understand it. How to teach the concept of Random Variable? This is the question we asked ourselves. With this question in mind, we have reviewed decades of textbooks at different levels. We have summarized the definitions and examples from these textbooks. In this talk, we will show our summary and share some input based on our preliminary result work. Everyone is welcome to share ideas and experience on teaching the topic Random Variable in your classes.

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