

## **Seminario Aleatorio**

*Sesión 430*

### **Spatial statistics to give solutions to public health problems**

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#### **Abstract**

In this talk, I will present how we create continuous maps of risk to explain spatial trends in mortality data. I will present the disaggregation model used to create these maps and discuss the advantages of this approach. I will go through two different applications, highlighting the available data and associated challenges: 1) an analysis of lung cancer and external causes of death in the United States, and 2) a study of patterns of violence against women in Brazil. In both cases, I will show how we uncovered different aspects of the spatial patterns and relate them to their respective contexts.

**Viernes 8 de noviembre de 2024,  
13:00 horas de CDMX  
Salón 301**