



## IPS Abstract

### Statistical Research by Women from Around the Globe

**Author:** Dr Vanda Lourenco

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#### Brief Description

The Caucus for Women in Statistics (CWS) is an international, professional statistical society for the education, employment and advancement of women in statistics.

Our mission is to advance the careers of women statisticians through advocacy, providing resources and learning opportunities increasing their professional participation and visibility, and promoting and assessing research that impacts women statisticians.

This CWS session intends to showcase women and their contributions to the field of statistics and its applications.

It is a session that comprises women from all over the world and who work in diverse areas of statistical applications.

The session offers latest topics in statistical research and applications that are likely to have broad appeal to the audience such as machine learning in genomics, tools for experimental designs, infectious disease modeling, and Bayesian survival analysis in neonatal epidemiology.