Special Interest Group on Sports Statistics – September 2019

The Special Interest Group in Sports Statistics of the International Statistical Institute (SIG on Sport) has recently renewed its activities. The aim of this Special Interest Group is to promote the understanding, development and good practice of sports statistics worldwide. Much of the activity is planned together with the initiatives of the "Big Data analytics in sports" network BDsports (bdsports.unibs.it), a research project developed within the activities of the Big&Open Data Innovation Laboratory at the University of Brescia, Italy.

Past and upcoming 2019 activities

Scientific activities

1. **Nancy, France**
   51ES JOURNEES DE STATISTIQUE 2019,
   3-7 June 2019
   a. **Plenary session**:
      A hybrid random forest approach for modeling and prediction of   international soccer matches (Andreas Groll, Technische Universität Dortmund, Germany)
   b. **Parallel session**:
      Statistique et sport (Chair: Christophe Ley)
      Classification trees to define spatial performance indicators in basketball
      Marica Manisera, Paola Zuccolotto, Marco Sandri
      Performance variability and team interaction in basketball: a regime switching approach
      Paola Zuccolotto, Marica Manisera, Marco Sandri
      Ranking soccer teams on the basis of their current strength: A comparison of maximum likelihood approaches
      Christophe Ley, Hans Van Eetvelde
      Time-to-event analyses in sports injury research
      Laurent Malisoux

2. **Milano, Italy**
   SIS 2019 – SMART STATISTICS FOR SMART APPLICATIONS,
   19-21 June 2019, Università Cattolica del Sacro Cuore
   a. **Solicited Session**:
      Statistics in Sports (Chair: Leonardo Egidi)
      Detecting and classifying moments in basketball matches using sensor tracked data
      Tullio Facchinetti, Rodolfo Metulini, Paola Zuccolotto
      BasketballAnalyzeR: the R package for basketball analytics
      Marica Manisera, Marco Sandri, Paola Zuccolotto
      Estimation of lineup efficiency effects in Basketball using play-by-play data
      Ruggero Bellio, Giovanni Fonseca, Luca Grassetti, Paolo Vidoni

A clustering method for network data to analyse association football playing styles
Jacopo Diquigiovanni

3. **Kuala Lumpur, Malaysia**
   ISI WORLD STATISTICS CONGRESS,
   18-23 August 2019
   a. Lunch meeting of the ISI SIG on Sport – August 19, 12.30-13-15

4. **Brescia, Italy**
   SPORT STATISTICS DAY
   Satellite Event of the ASA conference on Statistics for Health and Well-being
   27 September 2019, University of Brescia (organized by Paola Zuccolotto and Marica Manisera, University of Brescia)
   a. **Plenary Session**:
      "Statistics meet Sports" (Christophe Ley, Gent University, Belgium)
   b. **Solicited Sessions** on:
      Statistics for Performance Evaluation in Sports; Statistical Models for Sports; Sports Analytics
   c. **KICK-OFF MEETING OF THE ISI SPECIAL INTEREST GROUP IN SPORT,** with the participation of members even through video conference.

5. **Athens, Greece**
   SPORTS ANALYTICS WORKSHOP (SAW)
   November 2019, Athens University of Economics and Business (organized by Ioannis Ntzoufras and Dimitris Karlis)

6. **London, UK**
   CMSTATISTICS 2019,
   14-16 December 2019
   a. **Session on Sport Statistics**
      (organized by Andreas Groll, Technische Universität Dortmund, Germany)

Teaching activities

7. **Athens, Greece**
   MASTER COURSE IN SPORTS ANALYTICS
   (organized by Ioannis Ntzoufras, Dimitris Karlis. Teachers: Leonardo Egidi, Marica Manisera and others).
   November 2019

Dissemination activities

8. **Treviso, Italy**
   STATISTICS AND DEMOGRAPHY FESTIVAL
   (StatisticAll, www.festivalstatistica.it)
   20-22 September 2019

   Learning statistics is fun with sports - Laboratory for Teachers of the upper secondary school
   (by Paola Zuccolotto and Marica Manisera, University of Brescia, Italy)

   + Dissemination talks about Sports Statistics

9. **Trieste, Italy**
   TRIESTE NEXT 2019
   27-29 September 2019

   a. **Session** on:
      Big Data and Sports
      (organized by Leonardo Egidi and Nicola Torelli, University of Trieste)