



## 2019 NOMINEE BIOSKETCH FORM

NAME	Erik Cobo
PRESENT POSITION	Associate Professor, Statistics & OR Dept, Barcelona-Tech (UPC) 1998-2018. [Credit: Full professor, ANECA, Madrid, October 2012]
DEGREES	Degree (1980) and PhD (1987) in Medicine, Univ. of Barcelona. Diplôme d'Etudes Approfondies in Biométrie and in Épidémiologie, (1986). Univ. of Paris VI. Diploma in Social Science Data Analysis 1988: Univ. of Essex.
MAIN RESEARCH INTERESTS	<ol style="list-style-type: none"> <li>1. Does personalized Medicine relies on a variable intervention effect?</li> <li>2. Methods in Research on Research: Can reporting guidelines improve transparency and reduce waste in medical research?</li> <li>3. How to improve public awareness of evidence tools behind medical decisions</li> <li>4. How to improve society formal methodological training (i.e., to teaching boards, or to ethical committee members)?</li> <li>5. Clarifying discrepancies between FDA &amp; EMEA guidelines</li> </ol>
SELECTED PUBLICATIONS IN CLINICAL BIOSTATISTICS (LIMIT TO 5)	<ol style="list-style-type: none"> <li>1. Does evidence support the high expectations placed in precision medicine? F1000. <a href="https://f1000research.com/articles/7-30/v1">https://f1000research.com/articles/7-30/v1</a></li> <li>2. Effect of using reporting guidelines during peer review on quality of final manuscripts submitted to a biomedical journal: masked randomised trial. 2011. BMJ. DOI: d6783 10.1136/bmj.d678</li> <li>3. A hazard ratio was estimated by a ratio of median survival times, but with considerable uncertainty. 2014. Journal of Clinical Epidemiology DOI: 10.1016/j.jclinepi.2014.05.017</li> <li>4. Assessing Shiny apps through student feedback: Recommendations from a qualitative study. 2018. Comput Appl Eng Educ. 2018;1–12.</li> <li>5. Two-stage designs versus European scaled average designs in bioequivalence studies for highly variable drugs: Which to choose? 2017 SiM 36: 4777-4788</li> </ol>
PAST AND CURRENT PARTICIPATION IN ISCB ACTIVITIES	ISCB member since 1993 Local Organizing Committee Member: ISCB Barcelona's 1995 meeting ISCM Education Committee member since around 2008 Chair of the Education committee since 2015
GOALS AND VISION FOR THE ISCB	<p>To me, statistics is behind the fast advance of some empirical sciences, such as Medicine [We should realize how those disciplines have evolved during the last two centuries and compare it to the evolution of law or teaching, for example]. But also we should imagine what would have been the evolution of Medicine if professionals would have been able to fully understand some statistical principles. Also, if statisticians provide more readable measures. I.e., 95%CI instead of P values; or survival improvements measured in increased time instead of decreased hazard,...</p> <p>So, to me ISCB may serve to the Society by disseminating al methods to other disciplines, and by increasing the readability of our results</p>