



## 2019 NOMINEE BIOSKETCH FORM

NAME	Dimitris Rizopoulos
PRESENT POSITION	Professor of Biostatistics Erasmus University Medical Center, Rotterdam the Netherlands
DEGREES	PhD in Biostatistics 2008, Katholieke Universiteit Leuven, Belgium MSc in Statistics 2004, Athens University of Economics and Business, Greece
MAIN RESEARCH INTERESTS	<ol style="list-style-type: none"> <li>1. Longitudinal Data Analysis</li> <li>2. Survival Analysis</li> <li>3. Joint Models</li> <li>4. Individualized Dynamic Predictions</li> <li>5. Statistical Analysis with Missing Data</li> </ol>
SELECTED PUBLICATIONS IN CLINICAL BIostatISTICS (LIMIT TO 5)	<ol style="list-style-type: none"> <li>1. Tomer, A., Nieboer, D., Roobol, M.J., Steyerberg, E.W. and <u>Rizopoulos, D.</u> (2018). Personalized schedules for surveillance of low-risk prostate cancer patients. <i>Biometrics</i>, to appear.</li> <li>2. Andrinopoulou, E.R., Eilers, P.H.C., Takkenberg, J.J.M. and <u>Rizopoulos, D.</u> (2018). Improved dynamic predictions from joint models of longitudinal and survival data with time-varying effects using P-splines. <i>Biometrics</i> 74, 685-693.</li> <li>3. Erler, N.S., <u>Rizopoulos, D.</u>, Jaddoe, V.W., Franco, O.H. and Lesaffre, E.M. (2018). Bayesian imputation of time-varying covariates in linear mixed models. <i>Statistical Methods in Medical Research</i>, to appear.</li> <li>4. <u>Rizopoulos, D.</u>, Taylor, J.M.G., van Rosmalen, J., Steyerberg, E.W. and Takkenberg, J.J.M. (2016). Personalized screening intervals for biomarkers using joint models for longitudinal and survival data. <i>Biostatistics</i> 17, 149-164.</li> <li>5. <u>Rizopoulos, D.</u>, Hatfield, L., Carlin, B. and Takkenberg, J.J.M. (2014). Combining dynamic predictions from joint models for longitudinal and time-to-event data using Bayesian model averaging. <i>Journal of the American Statistical Association</i> 109, 1385-1397.</li> </ol>
PAST AND CURRENT PARTICIPATION IN ISCB ACTIVITIES	Member of ISCB since 2008 Member of the Sub-Committee Student Conference Awards since 2011 Participation in ISCB Conferences
GOALS AND VISION FOR THE ISCB	As a member of the Executing Committee, I would like to actively contribute in shaping the future directions the society will follow. I am particularly interested in promoting the use of cutting-edge computational procedures in biostatistics applications, and bridging the gap between advances in machine learning and artificial intelligence, and sound statistical analysis of data.