

JOB ANNOUNCEMENT

Statistical/Mathematical Modeler

Lisbon, Portugal

Exigo is a Portuguese consulting company that started its activity in 2001. The core business of Exigo has been consulting services for the health sector, mainly in the field of health economics, epidemiology and mathematical and statistical analysis. Exigo disposes of a young, dynamic and multidisciplinary team that combines a high level of theoretical and practical knowledge. This allows us to respond to the needs of our clients in an impartial and rigorous way.

The **Quantitative Methods Department** at Exigo intervenes in the majority of projects developed by the company, contributing to their precision and rigor. The department is constituted by mathematicians, statisticians and health economists with different levels of education and experience. At the department we give value to solid theoretical knowledge and its application in solving our clients' everyday problems.

Exigo is seeking to recruit candidates with the following profile/qualifications:

- 1) Licentiate's degree, master's degree or Ph.D in **statistics** and/or **mathematics**;
- 2) Experience with the **R statistical programming** software and/or **AnyLogic simulation modeling** software;
- 3) Theoretical and practical knowledge of fundamental concepts of statistical and/or mathematical modeling;
- 4) Programming skills and experience in using Excel/VBA and statistical software;
- 5) Experience in quantitative treatment of large volumes of data;
- 6) Documented/certified advanced knowledge of English (written and spoken);
- 7) Good interpersonal relationship qualities;
- 8) Solid problem solving capabilities;
- 9) Creative and innovative thinking.

The announcement is open for candidates **with previous experience**.

EXIGO CONSULTORES

Cogent & Accurate Solutions

Job description:

- a) Integrate qualitative and quantitative data in the planning and execution of simulation/modelling studies within the framework of the social and economic impact analysis of the introduction of new health technologies:
 - applying multiple simulation modelling techniques (Markov models, discrete event simulation models, agent-based models, multiparadigm models, etc.);
 - together with concepts of psychometrics (measuring quality of life), epidemiology (measuring health outcomes) and economy (measurement costs);
 - b) Prepare reports, manuscripts, posters and presentations;
 - c) Continuously review the existing literature on quantitative methods applied to the assessment of health outcomes, to keep abreast of the latest developments and identify possible future research directions.
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Deadline for job applications: March 31th, 2015.

Candidates should send a motivation letter and their curriculum vitae to the email: recrutamento@exigoconsultores.com. Further information can be obtained through the above email or by phone (+351) 21 896 71 58/9.