

# JORDI REAL

I am a senior biostatistician with training in statistics (5-year degree) and doctored in health research. I am currently working at Barcelona Institute for Primary Health Care Research Jordi Gol i Gurina [IDIAPJGol](#), where I have accumulated long experience (since 2007) as a data analyst, statistics applied to epidemiology research. I collaborate in several research projects (mainly diabetes, cardiovascular diseases, mental disorders and statistical methodology). I perform statistical data analysis under different study designs such as cohorts, case-control, nested-case control or cross-sectional, as well as simulation studies.

Specialized in 'Real World Data' studies, based on clinical records, including pragmatic clinical trials, patient records, administrative data, health surveys or electronic medical records. At a methodological level, I have been working in some problems such as, for example, the implementations of [functions to integration longitudinal data](#) according one design optimally to reduce the bias.

I also provide statistical supervision to other statisticians, technicians, and PhD and MSc students. I have authored and collaborator of more than [60 papers in international journals](#). I have also created R packages and a web-app in R-shiny to visualized longitudinal data.



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## EDUCATION

2016  
|  
2009

### Phd in Health Research

Universitat Internacional de Catalunya

📍 Barcelona

- Thesis: Matching strategies to eliminate confusion in observational studies. Faculty of Medicine and Health Sciences

2006  
|  
2002

### Higher degree in Statistics

Universitat Politècnica de Catalunya

📍 Barcelona

- Facultat de Matemàtiques i Estadística, UPC

1996  
|  
1992

### Middle degree in Statistics

Universitat Autònoma de Barcelona

📍 Barcelona

- Facultat de Ciències, UAB

## RESEARCH EXPERIENCE

2019  
|  
2007

### Biostatistician

Institut de Recerca en Atenció Primària Jordi Gol

📍 Barcelona

- Research Support Unit, Barcelona

2018  
|  
2012

### Professor colaborador

Universitat Internacional de Catalunya

📍 Barcelona

- Epidemiology and public health, UIC

## CONTACT

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🐦 [JordirealReal](#)

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## STATISTICAL SOFTWARE SKILLS

R

SPSS

Stata

SAS

Made with the R package  
[pagedown](#).

The source code is available at  
[github.com/jrealgatus/cv](https://github.com/jrealgatus/cv).

Last updated on 2020-01-14.

2007  
|  
2005

### Statistical consultant and data analyst

Fundació Parc Taulí

📍 Sabadell

• Epidemiology

2000  
|  
1998

### Data analyst

Institut Català de la Salut

📍 Barcelona

• Research support unit, Reus



## RECENT PUBLICATIONS (2019)

2019

**How Many Patients with Type 2 Diabetes Meet the Inclusion Criteria of the Cardiovascular Outcome Trials with SGLT2 Inhibitors? Estimations from a Population Database in a Mediterranean Area.**

Journal of diabetes research

2019

**Prevalence and coprevalence of chronic comorbid conditions in patients with type 2 diabetes in Catalonia: a population-based cross-sectional study.**

BMJ open

2019

**Assessment of Inner Retinal Layers and Choroidal Thickness in Type 1 Diabetes Mellitus: A Cross-Sectional Study.**

Journal of clinical medicine

2019

**Glucagon-Like Peptide-1 Receptor Agonists in Patients with Type 2 Diabetes: Prescription According to Reimbursement Constraints and Guideline Recommendations in Catalonia.**

Journal of clinical medicine

2019

**Design and Validation of an Instrument To Measure a Minor's Maturity When Faced with Health Decisions.**

Journal of bioethical inquiry

2019

**[Patients' competences and health literacy assessment questionnaire].**

Journal of healthcare quality research

2019

**Glucagon-like peptide-1 receptor agonists in patients with type 2 diabetes: real-world evidence from a Mediterranean area.**

Current medical research and opinion

2019

**Glycaemic control after treatment intensification in patients with type 2 diabetes uncontrolled on two or more non-insulin antidiabetic drugs in a real-world setting.**

Diabetes, obesity & metabolism

I have worked in a variety of papers ranging from data analyst to researcher to data scientist. The rest of the papers can be seen [here](#)

2019

**The prognostic value of blood pressure control delay in newly diagnosed hypertensive patients.**

Journal of hypertension