

# Daniel Leibovitz

*Resumé title*

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*Some quote*

## Education

- 2019–2021 **Master Biostatistics**, *University of Zurich, Zurich, Grade.*  
Description
- 2016–2017 **Computer Science (Diploma Program)**, *Simon Fraser University, Vancouver, Grade.*  
Description
- 2014–2015 **Bachelor Psychology**, *University of British Columbia, Vancouver, Grade.*  
Description
- year–year **Associate Political Science**, *Deep Springs College, Bishop, Grade.*  
Description

## Master thesis

- title *Mixtures of Partially Linear Models with Monotone Shape Constraints*
- supervisors Matthias Loeffler, Torsten Hothorn
- description Short thesis abstract

## Experience

### Vocational

- 2022–now **Principal Biostatistician**, *Incyte, Lausanne.*  
General description no longer than 1–2 lines.  
Detailed achievements:
  - Achievement 1;
  - Achievement 2, with sub-achievements:
    - Sub-achievement (a);
    - Sub-achievement (b), with sub-sub-achievements (don't do this!);
      - Sub-sub-achievement i;
      - Sub-sub-achievement ii;
      - Sub-sub-achievement iii;
    - Sub-achievement (c);
  - Achievement 3.
- year–year **Graduate Biostatistics Intern**, *Bristol Myers Squibb, Switzerland.*  
Description line 1  
Description line 2

### Miscellaneous

year–year **Wearable Devices Biostatistician**, *Employer*, City.  
Description

year–year **Project Lead, Monitoring & Evaluation**, *Employer*, City.  
Description

year–year **Job title**, *Employer*, City.  
Description

year–year **Job title**, *Employer*, City.  
Description

## Languages

English	Native	<i>Comment</i>
Spanish	Fluent	<i>Comment</i>
French	Fluent	<i>Comment</i>
ASL	Conversational	<i>Comment</i>

## Computer skills

Statistics	Causal inference, Hypothesis testing, Decision Theory, Bayesian Stats, Mixed / Hierarchical Modelling, Adaptive Sample-Size Calculation, High-dimensional inference	ML	Time-Series, Non-linear Regression, Classification, Clustering, Dimension Reduction, Ensemble Learning
Languages	R, Python, Java, SQL/noSQL	Frameworks	git, OSX/Linux/Windows, Docker

## Extra 1

- Item 1
- Item 2
- Item 3. This item is particularly long and therefore normally spans over several lines. Did you notice the indentation when the line wraps?

## References

Name	Position	Contact
○ Alessandro Previtali	Amongst others:	<i>That</i> person, and <b>those</b>
○ Matthias Loeffler	○ Person 1, and	also (all available upon request).
○ Martina Rothenbuhler	○ Person 2 (more upon request)	

## Publications

- [1] D Leibovitz, A Previtali, J Lymp, R Ananthakrishnan. *simswitch: A Novel Treatment Switching Simulator*. [In submission to Journal of Statistical Software]. 2022.

- [2] S Halvachizadeh §, D Leibovitz §, L Held, K O Jensen. *§ indicates equal contribution. The number of beds occupied is an independent risk factor for discharge of trauma patients.* Accepted in Medicine (by Elsevier). 2022.
- [3] M Risch, K Grossmann, S Aeschbacher, O C Weideli, M Kovac, F Pereira, N Wohlwend, C Risch, D Hillmann, T Lung, H Renz, R Twerenbold, M Rothenbühler, D Leibovitz, V Kovacevic, A Markovic, P Klaver, T B Brakenhoff, B Franks, M Mitratza, G S Downward, A Dowling, S Montes, D E Grobbee, M Cronin, D Conen, B M Goodale, L Risch. The Lancet (preprint), doi: 10.2139/ssrn.3900401 *Investigation of the Use of a Sensor Bracelet for the Pre-Symptomatic Detection of COVID-19: A National Cohort Study (COVI-Gapp)*.. The Lancet, doi: 10.2139/ssrn.3900401, 2022.
- [4] M Risch, K Grossmann, S Aeschbacher, O C Weideli, M Kovac, F Pereira, N Wohlwend, C Risch, D Hillmann, T Lung, H Renz, R Twerenbold, M Rothenbühler, D Leibovitz, V Kovacevic, A Markovic, P Klaver, T B Brakenhoff, B Franks, M Mitratza, G S Downward, A Dowling, S Montes, D E Grobbee, M Cronin, D Conen, B M Goodale, L Risch. *Investigation of the use of a sensor bracelet for the presymptomatic detection of changes in physiological parameters related to COVID-19: an interim analysis of a prospective cohort study (COVI-GAPP)*.. BMJ Open, doi: 10.1136/bmjopen-2021-058274, 2021.
- [5] 2018 Lindsay, A., Caracheo, B., Grewal, J., Leibovitz, D., and Seamans, J. How much does movement and location encoding impact prefrontal cortex activity? An algorithmic decoding approach in freely moving rats. eNeuro, doi: 10.1523/ENEURO.0023-18.2018 *Title* year.
- [6] 2015 Weber, R. C., Lee, A., Walsh, K., Pinto, J. C. B. R., Leibovitz, D., Morton, M. Family variables and cognitive development in children: A meta-analysis of current literature. Paper presented at the annual meeting of the American Psychological Association, Denver, CO, United States. *Title* year.