

# A/Prof Adriano Polpo



THE UNIVERSITY OF  
**WESTERN  
AUSTRALIA**

A/Prof Adriano Polpo

Chief Investigator

## Theme 2

Adriano is a statistician who likes challenges and is used to working with people from diverse fields.

He is always seeking the simplest possible solution to a data analysis problem. He has expertise in reliability theory, predictive model, (Bayesian and not Bayesian) statistical modelling, decision theory, and foundations of statistics.

He has worked with many kinds of data like categorical data, time-series, dependent observations, functional data, dimension reduction, variable selection, and a few more.

Adriano has as the motto "What can I do to help you to do your best?"

Website

## Publications

- [Modelling failure risks in load sharing systems with heterogeneous components \(...\)](#) —

### Journal Article

[Tim Pesch](#)

**Authors: Tim Pesch, Erhard Cramer, Edward Cripps, Adriano Polpo**

2023-07-20

- [Reliability inference with extended sequential order statistics \(...\)](#) —

### Journal Article

[Tim Pesch](#)

**Authors: Tim Pesch, Adriano Polpo, Edward Cripps, Erhard Cramer**

2023-04-11

- [Informative Bayesian Survival Analysis to Handle Heavy Censoring in Lifetime Data \(...\)](#) —

### Conference Publishing

[Ryan Leadbetter](#)

**Authors: Ryan Leadbetter; Alope Phatak; Adriano Polpo; Melinda Hodkiewicz**

2021-12-15

- [Managing streamed sensor data for mobile equipment prognostics. \(...\)](#) —

### Journal Article

[Dr Debora Correa](#)

**Authors: Griffiths, T., Corrêa, D., Hodkiewicz, M., & Polpo, A. (2022). Managing streamed sensor data for mobile equipment prognostics. Data-Centric Engineering, 3, E11. doi:10.1017/dce.2022.4**

2022-04-07

- [Data-Driven Approach for Labelling Process Plant Event Data \(...\)](#) —

### Journal Article

[Dr Debora Correa](#)

**Authors: Débora Corrêa, Adriano Polpo, Michael Small, Shreyas Srikanth, Kylie Hollins, Melinda Hodkiewicz**

2022-01-24

- [Interpretable Survival Models for Predictive Maintenance \(...\)](#) —

### Conference Publishing

[A/Prof Adriano Polpo](#)

**Authors: Paul Castle, Janet Ham, Melinda Hodkiewicz, Adriano Polpo**  
2020-11-01

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## Presentations

- [ESREL 2020 PSAM 15 - The 30th European Safety and Reliability Conference \(...\)](#) —



[A/Prof Adriano Polpo](#)

Chief Investigator

**Theme 2**  
2020-11-05

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## Awards and Prizes

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## Tools

### Content by label

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