

DAPR1

2022/23

Course materials

Please note: materials are added incrementally as this course progresses through the year.

Semester 1

```
-- Attaching packages ----- tidyverse 1.3.2 --
v ggplot2 3.4.1      v purrr   1.0.1
v tibble  3.1.8      v dplyr  1.1.0
v tidyr   1.3.0      v stringr 1.5.0
v readr   2.1.4      v forcats 1.0.0
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
```

Attaching package: 'kableExtra'

The following object is masked from 'package:dplyr':

group_rows

Semester 2

Course description

Data Analysis for Psychology in R 1 (DAPR1) is a course

Week	Topic	Lecture slides
Sem. 1: Welcome Week	Course introduction	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 1	Research Design & Data	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 2	Describing Categorical Data	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 3	Describing Continuous Data	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 4	Describing Relationships	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 5	Functions	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 6	Formative feedback week (A)	
Sem. 1: Week 7	Probability Theory	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 8	Probability Rules	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 9	Random Variables (Discrete)	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 10	Random Variables (Continuous)	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 11	Sampling	[Slides](https://uoepsy.github.io/dapr1/2223/lec)
Sem. 1: Week 12	Formative feedback week (B)	

Week	Topic	Lecture slides
Sem. 2: Week 1	Confidence intervals	[Slides](https://uoepsy.github.io/dapr2/2223/lec)
Sem. 2: Week 2	Hypothesis testing: p-values	[Slides](https://uoepsy.github.io/dapr2/2223/lec)
Sem. 2: Week 3	Hypothesis testing: critical values	[Slides](https://uoepsy.github.io/dapr2/2223/lec)
Sem. 2: Week 4	Connecting Hypothesis testing and confidence intervals	[Slides](https://uoepsy.github.io/dapr2/2223/lec)
Sem. 2: Week 5	Errors, Power, Effect size, and Assumptions	[Slides](https://uoepsy.github.io/dapr2/2223/lec)
Sem. 2: Week FLW	Formative feedback week (C)	