

# Assignment 9

## Decision analysis

anonymous

## 1 General information

This is the template for [assignment 9](#). You can download the [qmd-file](#) or copy the code from this rendered document after clicking on `</> Code` in the top right corner.

Please replace the instructions in this template by your own text, explaining what you are doing in each exercise.

## 2 Escaping from the chicken coop

### 2.1 (a)

```
# Useful r functions:
#   rep(..., each=...), cbind, colMeans,
#   posterior_predict(..., newdata=..., allow_new_levels=TRUE, sample_new_levels="gaussian")
#   ggplot, geom_line, aes(..., group=..., color=...)
```

### 2.2 (b)

```
# Useful r functions: chickenwise_probability_of_escape (see above)
# rep(..., each=...), apply,
# ggplot, stat_dotsinterval
```

### 2.3 (c)

```
# Useful r functions: chickenwise_probability_of_escape (see above)
# apply, aggregate,
```