# TA trial script

Mads Hartman (s184284)

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#### loading and cleaning data

## transforming to long, and sampling 100

#### fitting model and getting the results

#### extracting information

```
results_final <- results %>%
  mutate(
    ci_lower = map_dbl(model_results, ~ confint(.x)[2, 1]),
    ci_upper = map_dbl(model_results, ~ confint(.x)[2, 2]),
    pval_significant = model_info %>% map_dbl(~ .x[2,5] <= 0.05),
    model_coefficients = map(model_results, ~ pluck(.x)[1][1])
) %>%
  mutate(
    beta_1_est = map_dbl(model_coefficients, ~ pluck(.x$coefficients, "log2_expr_level"))
    ) %>%
  mutate(
    pval_significant = as.factor(pval_significant)
    )
```

### removal of unneeded parts

### plotting

