

Practical 3:

1 – Run 500,000 simulations with the following priors:

Symbol	Description	Prior distribution
Ne₁	Effective size of Population 1	Uniform(0, 12500)
Ne₂	Effective size of Population 2	Uniform(0, 40000)
Ne_A	Effective size of ancestral population	Uniform(0, 10000)
T	Splitting time between modern populations	Uniform(0, 10000)
m₁	Migration rate entering Population 1	Uniform(0, 0)
m₂	Migration rate entering Population 2	Uniform(0, 0)

2 – Join the simulations from practical 2 with the ones obtained in the previous step.

3 – Perform the rejection-step with a tolerance of 0.002.

4 – Perform the logistic regression.