Model 1

p_2

p_1

Model 2

p_2

p_1

Simulations

Model 3

p_2

p_1

p_3 $1 - p_3$

Reference Table with multiple models

Model	p_1	p_2	p_3	s_1	s_2	s_3	s_4	s_5
2	38	2	0.783	0.559	0.409	0.591	0.393	0.601
2	40	5	0.141	0.294	0.386	0.469	0.515	0.542
1	35	1	0.445	0.252	0.481	0.265	0.532	0.579
3	38	2	0.706	0.250	0.308	0.359	0.372	0.740
2	37	4	0.267	0.287	0.363	0.459	0.434	0.690
$\vdots$								
1	38	1	0.331	0.507	0.305	0.303	0.525	0.477

Parameters

Summary Statistics

Model Choice : AbcRanger

Scenario 2 Chosen

Reference Table for parameter estimation

p_1	s_1	s_2	s_3	s_4	s_5
38	0.559	0.409	0.591	0.393	0.601
40	0.294	0.386	0.469	0.515	0.542
$\vdots$					
37	0.287	0.363	0.459	0.434	0.690

Parameter Estimation : AbcRanger

$p_1 \approx 0.329$