	worlds	timestep	parameters	winner	r1	r2	k1	k2
1	c(`1` = "42, 142", `2` = "16, 73", `3` = "26, 87", [...]	20	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
2	c(`1` = "61, 72", `2` = "80, 77", `3` = "36, 71", [...]	24	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
3	c(`1` = "44, 110", `2` = "53, 265", `3` = "126, 11 [...]	29	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
4	c(`1` = "132, 117", `2` = "57, 64", `3` = "17, 74" [...]	28	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n1	0.15	0.3	300	150
5	c(`1` = "96, 192", `2` = "27, 105", `3` = "45, 55" [...]	30	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
6	c(`1` = "198, 360", `2` = "110, 54", `3` = "56, 66 [...]	36	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
7	c(`1` = "111, 131", `2` = "157, 57", `3` = "83, 17 [...]	30	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
8	c(`1` = "189, 133", `2` = "95, 23", `3` = "66, 318 [...]	39	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
9	c(`1` = "346, 99", `2` = "152, 201", `3` = "89, 16 [...]	41	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
10	c(`1` = "46, 19", `2` = "57, 414", `3` = "173, 280 [...]	32	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
11	c(`1` = "127, 150", `2` = "183, 367", `3` = "120, [...]	38	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
12	c(`1` = "42, 95", `2` = "61, 64", `3` = "58, 36", [...]	27	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
13	c(`1` = "152, 170", `2` = "122, 134", `3` = "92, 7 [...]	31	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
14	c(`1` = "260, 228", `2` = "209, 99", `3` = "176, 8 [...]	44	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
15	c(`1` = "158, 231", `2` = "349, 71", `3` = "206, 1 [...]	47	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n2	0.15	0.3	300	150
16	c(`1` = "46, 164", `2` = "270, 144", `3` = "125, 1 [...]	40	c(n1 = "0.15, 300.00", n2 = "0.3, 150.0")	n1	0.15	0.3	300	150

simulation_data is the final data frame produced by running the simulation, parameters and starting population can be altered. Unless the data frame is cleared it will contain all runs of the simulation including those using different parameters.

The fields are defined as following:

worlds - a nested list containing the final state of the world at the end of each run of the simulation, shows each habitat patch as well as the number of individuals in n1 and n2 in each patch.

timestep - the number of timesteps it took for a winner to be declared in each run of the simulation.

parameters - a nested list the containers the parameters for each population for each run of the simulation

winner - displays the winner of each run of the simulation (n1 or n2)

r1 - the intrinsic growth rate for n1 in each run of the simulation

r2 - the intrinsic growth rate for n2 in each run of the simulation

k1 - the carrying capacity of n1 in each run of the simulation

k2 - the carrying capacity of n2 in each run of the simulation