Static agent variable	Range
Ethnicity $E(i)$ (`color`)	Ethnicity 1 (`blue`), Ethnicity 2 (`orange`)
Value orientation $V(i)$ (`shape`)	ethnicity-oriented (`square`), value-oriented (`circle`)

Parameters for setup of initial conditions	Range	Parameter sweep
Population density (`density`)	0.5–0.99	0.7
Fraction of majority ethnicity (`fraction_majority`)	0.5–1	$0.5, \overset{+0.1}{\dots}, 0.9$

Global parameters for simulation run	Range	Parameter sweep
Ethnic homophily threshold θ^{E} (`ethnic_homophily`)	[0,1]	$0, \overset{+0.1}{\dots}, 1$
Value homophily threshold θ^{V} (`value_homophily`)	[0,1]	$0, \overset{+0.1}{\dots}, 1$

Dynamic variables for agents	Computation	Range
Ethnic similarity in neighborhood Θ_i^{E}	$\#\{j \in N(i)\|E(j)=E(i)\}/\#N(i)$	[0,1]
Value similarity in neighborhood Θ_i^{V}	$\#\{j \in N(i)\|V(j)=V(i)\}/\#N(i)$	[0,1]
Happiness of i (`happy?`)	$\Theta_i^{\mathrm{E}} \geq \theta^{\mathrm{E}}$ if $V(i)$ = ethnicity-oriented, $\Theta_i^{\mathrm{V}} \geq \theta^{\mathrm{V}}$ if $V(i)$ = value-oriented	TRUE, FALSE
Neighborhood density d_i	$d_i = \frac{\#N(i)}{8}$	[0,1]

Global output measures	Computation
Fraction of happy agents	# happy agents / # agents
Ethnic segregation Θ^{E}	mean ethnic segregation
... of all agents	(Figs. 1, 2, and 4)
... of ethnicity-oriented agents	(Figs. 2, and Fig. 3)
... of value-oriented agents	
... of ethnicity-oriented agents from majority ethnicity	
... of ethnicity-oriented agents from minority ethnicity	
... of value-oriented agents from majority ethnicity	(Fig. 5)
... of value-oriented agents from minority ethnicity	
Value segregation Θ^{V}	mean value segregation
... subgroups as above	(Figs. as above)
Neighborhood density d	mean neighborhood
... subgroups as above as above	(only Figs. 2, 3, and 5)