

Supplementary Materials

1 Factors Associated With Persistent Pluralistic Ignorance

Table S1 (p.1-9) shows the results of the full regression model of the outcome variables on parameters and their interaction. Table S2 (p.10-55) shows the mean values of the three outcome variables and their 95% confidence intervals at the final time step under all parameter combinations. Notice that whenever the probability of communication with neighbours is low or medium ($p_c = 0.1$ or $p_c = 0.3$) and the mean resistance to norm is low ($r_{mean} = 0.1$), pluralistic ignorance (PI) exists by both definitions mentioned in the main text ($P_U > 0.5$ or $P_I > 0.5$). When the probability of communication with neighbours is low ($p_c = 0.1$) and the mean resistance to norm is medium ($r_{mean} = 0.3$), whether PI exists as defined through the rate of inconsistency ($P_I > 0.5$) depends on the values of other parameters. It is also good to observe that when defined through the rate of underestimation ($P_U > 0.5$), PI always exists regardless of the parameter settings ¹

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
p_r	0.03 (0.32)	0.10	.919	0.21 (0.27)	0.76	.447	-0.23 (0.27)	-0.84	.402
p_c	0.34 (0.49)	0.69	.492	-1.65*** (0.42)	-3.97	<.001	1.93*** (0.42)	4.59	<.001

¹Readers are encouraged to explore the data file of Table 1 using data analysis tools as the highlighted observations are hard to see only by reading through the table.

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
ϵ_{mean}	0.16 (0.32)	0.50	.616	0.31 (0.27)	1.13	.259	-0.13 (0.27)	-0.47	.638
α	0.30 (0.49)	0.60	.546	0.28 (0.42)	0.68	.495	-0.13 (0.42)	-0.32	.749
c_{mean}	0.09 (0.49)	0.17	.861	-0.23 (0.42)	-0.54	.588	0.32 (0.42)	0.77	.441
r_{mean}	-0.17 (0.49)	-0.34	.736	-1.58*** (0.42)	-3.80	<.001	1.88*** (0.42)	4.48	<.001
$p_r \times p_c$	-0.44 (0.94)	-0.47	.641	-0.41 (0.79)	-0.51	.609	0.65 (0.80)	0.82	.413
$p_r \times \epsilon_{mean}$	-0.16 (0.61)	-0.26	.798	-0.14 (0.51)	-0.27	.790	0.21 (0.52)	0.40	.689
$p_c \times \epsilon_{mean}$	-1.07 (0.94)	-1.14	.255	-0.41 (0.79)	-0.52	.605	0.22 (0.80)	0.27	.785
$p_r \times \alpha$	-0.32 (0.94)	-0.34	.734	-0.21 (0.79)	-0.27	.788	0.21 (0.80)	0.26	.794

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_c \times \alpha$	-1.68 (1.45)	-1.16	.245	-0.06 (1.22)	-0.05	.963	0.05 (1.23)	0.04	.970
$\epsilon_{mean} \times \alpha$	-0.50 (0.94)	-0.53	.598	-0.48 (0.79)	-0.61	.544	0.27 (0.80)	0.35	.730
$p_r \times c_{mean}$	-0.13 (0.94)	-0.14	.887	-0.20 (0.79)	-0.25	.801	0.11 (0.80)	0.14	.886
$p_c \times c_{mean}$	-0.44 (1.45)	-0.30	.762	-0.36 (1.22)	-0.29	.771	0.63 (1.23)	0.51	.609
$\epsilon_{mean} \times c_{mean}$	-0.31 (0.94)	-0.33	.739	-0.55 (0.79)	-0.70	.484	0.36 (0.80)	0.46	.649
$\alpha \times c_{mean}$	-0.21 (1.45)	-0.14	.885	-0.68 (1.22)	-0.56	.574	0.44 (1.23)	0.36	.722
$p_r \times r_{mean}$	0.09 (0.94)	0.10	.920	-0.43 (0.79)	-0.55	.585	0.35 (0.80)	0.43	.664
$p_c \times r_{mean}$	-0.76 (1.45)	-0.52	.600	1.94 (1.22)	1.60	.110	-2.01 (1.23)	-1.64	.101

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$\epsilon_{mean} \times r_{mean}$	-0.06 (0.94)	-0.06	.951	-0.83 (0.79)	-1.05	.292	0.52 (0.80)	0.65	.517
$\alpha \times r_{mean}$	-0.29 (1.45)	-0.20	.841	-0.74 (1.22)	-0.61	.544	0.44 (1.23)	0.36	.719
$c_{mean} \times r_{mean}$	-0.79 (1.45)	-0.55	.583	-0.43 (1.22)	-0.35	.724	0.52 (1.23)	0.42	.672
$p_r \times p_c \times \epsilon_{mean}$	1.27 (1.79)	0.71	.476	-0.004 (1.50)	-0.003	.998	-0.31 (1.51)	-0.20	.840
$p_r \times p_c \times \alpha$	1.74 (2.75)	0.63	.528	-0.23 (2.31)	-0.10	.921	0.20 (2.33)	0.09	.932
$p_r \times \epsilon_{mean} \times \alpha$	0.61 (1.79)	0.34	.732	0.40 (1.50)	0.26	.791	-0.50 (1.51)	-0.33	.740
$p_c \times \epsilon_{mean} \times \alpha$	2.29 (2.75)	0.83	.406	-0.22 (2.31)	-0.10	.923	0.22 (2.33)	0.10	.924
$p_r \times p_c \times c_{mean}$	0.74 (2.75)	0.27	.787	0.36 (2.31)	0.15	.878	-0.54 (2.33)	-0.23	.817

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_r \times \epsilon_{mean} \times c_{mean}$	0.48 (1.79)	0.27	.787	0.85 (1.50)	0.57	.571	-0.81 (1.51)	-0.53	.593
$p_c \times \epsilon_{mean} \times c_{mean}$	1.60 (2.75)	0.58	.561	0.80 (2.31)	0.35	.730	-0.88 (2.33)	-0.38	.705
$p_r \times \alpha \times c_{mean}$	0.38 (2.75)	0.14	.891	1.24 (2.31)	0.53	.594	-0.84 (2.33)	-0.36	.719
$p_c \times \alpha \times c_{mean}$	0.55 (4.24)	0.13	.897	1.25 (3.56)	0.35	.726	-0.57 (3.59)	-0.16	.874
$\epsilon_{mean} \times \alpha \times c_{mean}$	0.39 (2.75)	0.14	.889	1.51 (2.31)	0.65	.515	-1.22 (2.33)	-0.52	.602
$p_r \times p_c \times r_{mean}$	1.61 (2.75)	0.59	.559	0.33 (2.31)	0.14	.886	-0.54 (2.33)	-0.23	.817
$p_r \times \epsilon_{mean} \times r_{mean}$	0.23 (1.79)	0.13	.897	0.58 (1.50)	0.39	.699	-0.44 (1.51)	-0.29	.769
$p_c \times \epsilon_{mean} \times r_{mean}$	2.45 (2.75)	0.89	.374	0.89 (2.31)	0.38	.702	-0.73 (2.33)	-0.31	.753

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_r \times \alpha \times r_{mean}$	0.76 (2.75)	0.28	.782	0.05 (2.31)	0.02	.983	0.37 (2.33)	0.16	.875
$p_c \times \alpha \times r_{mean}$	3.63 (4.24)	0.86	.391	0.32 (3.56)	0.09	.930	-0.31 (3.59)	-0.09	.932
$\epsilon_{mean} \times \alpha \times r_{mean}$	0.67 (2.75)	0.24	.808	1.76 (2.31)	0.76	.446	-1.27 (2.33)	-0.54	.587
$p_r \times c_{mean} \times r_{mean}$	0.91 (2.75)	0.33	.742	-0.01 (2.31)	-0.002	.998	0.48 (2.33)	0.20	.838
$p_c \times c_{mean} \times r_{mean}$	2.39 (4.24)	0.57	.572	2.64 (3.56)	0.74	.460	-3.89 (3.59)	-1.08	.278
$\epsilon_{mean} \times c_{mean} \times r_{mean}$	1.37 (2.75)	0.50	.618	1.45 (2.31)	0.63	.532	-1.21 (2.33)	-0.52	.604
$\alpha \times c_{mean} \times r_{mean}$	1.22 (4.24)	0.29	.773	1.62 (3.56)	0.46	.649	-1.30 (3.59)	-0.36	.717
$p_r \times p_c \times \epsilon_{mean} \times \alpha$	-3.61 (5.23)	-0.69	.490	0.82 (4.40)	0.19	.852	-0.97 (4.43)	-0.22	.826

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_r \times p_c \times \epsilon_{mean} \times c_{mean}$	-2.74 (5.23)	-0.52	.601	-1.55 (4.40)	-0.35	.724	2.26 (4.43)	0.51	.611
$p_r \times p_c \times \alpha \times c_{mean}$	0.12 (8.05)	0.02	.988	-2.77 (6.78)	-0.41	.683	1.24 (6.83)	0.18	.856
$p_r \times \epsilon_{mean} \times \alpha \times c_{mean}$	-0.68 (5.23)	-0.13	.897	-2.96 (4.40)	-0.67	.501	2.51 (4.43)	0.57	.571
$p_c \times \epsilon_{mean} \times \alpha \times c_{mean}$	-1.69 (8.05)	-0.21	.833	-2.04 (6.78)	-0.30	.764	1.72 (6.83)	0.25	.802
$p_r \times p_c \times \epsilon_{mean} \times r_{mean}$	-4.60 (5.23)	-0.88	.379	0.08 (4.40)	0.02	.986	0.38 (4.43)	0.08	.933
$p_r \times p_c \times \alpha \times r_{mean}$	-6.06 (8.05)	-0.75	.452	1.70 (6.78)	0.25	.802	-2.29 (6.83)	-0.34	.738
$p_r \times \epsilon_{mean} \times \alpha \times r_{mean}$	-1.79 (5.23)	-0.34	.732	-1.71 (4.40)	-0.39	.698	1.07 (4.43)	0.24	.809
$p_c \times \epsilon_{mean} \times \alpha \times r_{mean}$	-7.63 (8.05)	-0.95	.344	-0.50 (6.78)	-0.07	.941	0.77 (6.83)	0.11	.910

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented
(continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_r \times p_c \times c_{mean} \times r_{mean}$	-3.61 (8.05)	-0.45	.654	0.74 (6.78)	0.11	.913	-0.76 (6.83)	-0.11	.911
$p_r \times \epsilon_{mean} \times c_{mean} \times r_{mean}$	-1.84 (5.23)	-0.35	.726	-2.49 (4.40)	-0.57	.572	2.00 (4.43)	0.45	.651
$p_c \times \epsilon_{mean} \times c_{mean} \times r_{mean}$	-5.61 (8.05)	-0.70	.486	-2.28 (6.78)	-0.34	.737	3.20 (6.83)	0.47	.639
$p_r \times \alpha \times c_{mean} \times r_{mean}$	-2.37 (8.05)	-0.29	.768	-1.94 (6.78)	-0.29	.775	0.58 (6.83)	0.08	.933
$p_r \times \alpha \times c_{mean} \times r_{mean}$	-1.51 (12.40)	-0.12	.903	-4.81 (10.44)	-0.46	.645	3.34 (10.52)	0.32	.751
$\epsilon_{mean} \times \alpha \times c_{mean} \times r_{mean}$	-1.79 (8.05)	-0.22	.824	-5.17 (6.78)	-0.76	.446	4.96 (6.83)	0.73	.468
$p_r \times p_c \times \epsilon_{mean} \times \alpha \times c_{mean}$	0.96 (15.31)	0.06	.950	6.34 (12.88)	.492	0.622	-3.92 (12.98)	-0.30	.763
$p_r \times p_c \times \epsilon_{mean} \times \alpha \times r_{mean}$	13.29 (15.31)	0.87	.385	-0.21 (12.88)	-0.016	.987	1.80 (12.98)	0.14	.890

Table S1: Effects of parameters on pluralistic ignorance and WWOH action at the final time step when no intervention is implemented (continued)

	P_U			P_I			P_A		
	β	t	p	β	t	p	β	t	p
$p_r \times p_c \times \epsilon_{mean} \times c_{mean} \times r_{mean}$	9.53 (15.31)	0.62	.533	3.95 (12.88)	0.31	.759	-5.54 (12.98)	-0.43	.670
$p_r \times p_c \times \alpha \times c_{mean} \times r_{mean}$	1.71 (23.58)	0.07	.942	6.52 (19.84)	0.33	.743	-1.21 (19.99)	-0.06	.952
$p_r \times \epsilon_{mean} \times \alpha \times c_{mean} \times r_{mean}$	3.54 (15.31)	0.23	.817	8.95 (12.88)	0.69	.487	-6.88 (12.98)	-0.53	.596
$p_c \times \epsilon_{mean} \times \alpha \times c_{mean} \times r_{mean}$	4.93 (23.58)	0.21	.834	12.03 (19.84)	0.61	.544	-11.78 (19.99)	-0.59	.556
$p_r \times p_c \times \epsilon_{mean} \times \alpha \times c_{mean} \times r_{mean}$	-7.62 (44.82)	-0.17	.865	-22.98 (37.72)	-0.61	.542	15.01 (38.01)	0.39	.693

Note. P_U , P_I , P_A denote the rate of underestimation, the rate of inconsistency, and the rate of WWOH actions, respectively.

* $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Table S2: The values of the outcome variables at the final time step when no intervention is implemented

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
10	0.10	0.10	0.30	0.30	0.10	0.10	1	[1, 1]	0.87	[0.86, 0.88]	0.0045	[0.86, 0.88]
	0.10	0.10	0.30	0.30	0.10	0.30	1.00	[1, 1]	0.86	[0.85, 0.87]	0.0245	[0.85, 0.87]
	0.10	0.10	0.30	0.30	0.10	0.50	1.00	[0.99, 1]	0.79	[0.78, 0.81]	0.0903	[0.78, 0.81]
	0.10	0.10	0.30	0.30	0.30	0.10	1.00	[1, 1]	0.88	[0.87, 0.89]	0.0096	[0.87, 0.89]
	0.10	0.10	0.30	0.30	0.30	0.30	1.00	[1, 1]	0.86	[0.84, 0.87]	0.0288	[0.84, 0.87]
	0.10	0.10	0.30	0.30	0.30	0.50	1.00	[0.99, 1]	0.82	[0.8, 0.84]	0.0700	[0.8, 0.84]
	0.10	0.10	0.30	0.30	0.50	0.10	1.00	[1, 1]	0.88	[0.87, 0.9]	0.0040	[0.87, 0.9]
	0.10	0.10	0.30	0.30	0.50	0.30	1.00	[1, 1]	0.89	[0.88, 0.9]	0.0219	[0.88, 0.9]
	0.10	0.10	0.30	0.30	0.50	0.50	1.00	[0.99, 1]	0.83	[0.81, 0.85]	0.0717	[0.81, 0.85]
	0.10	0.10	0.30	0.50	0.10	0.10	1.00	[1, 1]	0.89	[0.88, 0.9]	0.0068	[0.88, 0.9]
	0.10	0.10	0.30	0.50	0.10	0.30	1.00	[1, 1]	0.88	[0.86, 0.89]	0.0251	[0.86, 0.89]
	0.10	0.10	0.30	0.50	0.10	0.50	1.00	[0.99, 1]	0.82	[0.8, 0.84]	0.0776	[0.8, 0.84]
	0.10	0.10	0.30	0.50	0.30	0.10	1.00	[1, 1]	0.91	[0.9, 0.92]	0.0052	[0.9, 0.92]
	0.10	0.10	0.30	0.50	0.30	0.30	1	[1, 1]	0.89	[0.88, 0.91]	0.0184	[0.88, 0.91]
	0.10	0.10	0.30	0.50	0.30	0.50	0.99	[0.99, 1]	0.82	[0.79, 0.84]	0.0908	[0.79, 0.84]
	0.10	0.10	0.30	0.50	0.50	0.10	1.00	[1, 1]	0.91	[0.89, 0.93]	0.0068	[0.89, 0.93]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
11	0.10	0.10	0.30	0.50	0.50	0.30	1.00	[1, 1]	0.89	[0.87, 0.91]	0.0232	[0.87, 0.91]
	0.10	0.10	0.30	0.50	0.50	0.50	1.00	[0.99, 1]	0.85	[0.83, 0.87]	0.0837	[0.83, 0.87]
	0.10	0.10	0.30	0.70	0.10	0.10	1	[1, 1]	0.91	[0.9, 0.92]	0.0047	[0.9, 0.92]
	0.10	0.10	0.30	0.70	0.10	0.30	1.00	[1, 1]	0.89	[0.87, 0.9]	0.0228	[0.87, 0.9]
	0.10	0.10	0.30	0.70	0.10	0.50	1.00	[1, 1]	0.83	[0.81, 0.86]	0.0769	[0.81, 0.86]
	0.10	0.10	0.30	0.70	0.30	0.10	1	[1, 1]	0.90	[0.88, 0.92]	0.0048	[0.88, 0.92]
	0.10	0.10	0.30	0.70	0.30	0.30	1	[1, 1]	0.89	[0.87, 0.91]	0.0252	[0.87, 0.91]
	0.10	0.10	0.30	0.70	0.30	0.50	1.00	[1, 1]	0.86	[0.83, 0.88]	0.0688	[0.83, 0.88]
	0.10	0.10	0.30	0.70	0.50	0.10	1	[1, 1]	0.93	[0.91, 0.95]	0.0051	[0.91, 0.95]
	0.10	0.10	0.30	0.70	0.50	0.30	1.00	[1, 1]	0.92	[0.91, 0.94]	0.0184	[0.91, 0.94]
	0.10	0.10	0.30	0.70	0.50	0.50	1.00	[0.99, 1]	0.85	[0.83, 0.87]	0.0689	[0.83, 0.87]
	0.10	0.10	0.50	0.30	0.10	0.10	1.00	[1, 1]	0.87	[0.86, 0.88]	0.0039	[0.86, 0.88]
	0.10	0.10	0.50	0.30	0.10	0.30	1.00	[1, 1]	0.86	[0.85, 0.88]	0.0143	[0.85, 0.88]
	0.10	0.10	0.50	0.30	0.10	0.50	1.00	[1, 1]	0.82	[0.81, 0.84]	0.0617	[0.81, 0.84]
	0.10	0.10	0.50	0.30	0.30	0.10	1	[1, 1]	0.87	[0.86, 0.89]	0.0035	[0.86, 0.89]
	0.10	0.10	0.50	0.30	0.30	0.30	1	[1, 1]	0.89	[0.88, 0.9]	0.0116	[0.88, 0.9]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
12	0.10	0.10	0.50	0.30	0.30	0.50	1.00	[1, 1]	0.85	[0.84, 0.87]	0.0484	[0.84, 0.87]
	0.10	0.10	0.50	0.30	0.50	0.10	1.00	[1, 1]	0.90	[0.89, 0.92]	0.0027	[0.89, 0.92]
	0.10	0.10	0.50	0.30	0.50	0.30	1.00	[1, 1]	0.89	[0.87, 0.9]	0.0100	[0.87, 0.9]
	0.10	0.10	0.50	0.30	0.50	0.50	1.00	[1, 1]	0.84	[0.82, 0.87]	0.0613	[0.82, 0.87]
	0.10	0.10	0.50	0.50	0.10	0.10	1	[1, 1]	0.90	[0.89, 0.92]	0.0024	[0.89, 0.92]
	0.10	0.10	0.50	0.50	0.10	0.30	1.00	[1, 1]	0.88	[0.87, 0.9]	0.0139	[0.87, 0.9]
	0.10	0.10	0.50	0.50	0.10	0.50	1.00	[1, 1]	0.85	[0.83, 0.87]	0.0533	[0.83, 0.87]
	0.10	0.10	0.50	0.50	0.30	0.10	1	[1, 1]	0.92	[0.91, 0.94]	0.0037	[0.91, 0.94]
	0.10	0.10	0.50	0.50	0.30	0.30	1.00	[1, 1]	0.90	[0.88, 0.91]	0.0099	[0.88, 0.91]
	0.10	0.10	0.50	0.50	0.30	0.50	1	[1, 1]	0.86	[0.84, 0.89]	0.0563	[0.84, 0.89]
	0.10	0.10	0.50	0.50	0.50	0.10	1	[1, 1]	0.92	[0.91, 0.93]	0.0043	[0.91, 0.93]
	0.10	0.10	0.50	0.50	0.50	0.30	1	[1, 1]	0.91	[0.9, 0.93]	0.0128	[0.9, 0.93]
	0.10	0.10	0.50	0.50	0.50	0.50	1.00	[1, 1]	0.87	[0.84, 0.89]	0.0460	[0.84, 0.89]
	0.10	0.10	0.50	0.70	0.10	0.10	1	[1, 1]	0.92	[0.91, 0.93]	0.0049	[0.91, 0.93]
	0.10	0.10	0.50	0.70	0.10	0.30	1	[1, 1]	0.91	[0.89, 0.92]	0.0153	[0.89, 0.92]
	0.10	0.10	0.50	0.70	0.10	0.50	1.00	[1, 1]	0.85	[0.83, 0.87]	0.0616	[0.83, 0.87]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
13	0.10	0.10	0.50	0.70	0.30	0.10	1	[1, 1]	0.94	[0.92, 0.95]	0.0016	[0.92, 0.95]
	0.10	0.10	0.50	0.70	0.30	0.30	1.00	[1, 1]	0.92	[0.91, 0.94]	0.0131	[0.91, 0.94]
	0.10	0.10	0.50	0.70	0.30	0.50	1.00	[1, 1]	0.88	[0.86, 0.9]	0.0345	[0.86, 0.9]
	0.10	0.10	0.50	0.70	0.50	0.10	0.99	[0.96, 1.01]	0.91	[0.88, 0.95]	0.0029	[0.88, 0.95]
	0.10	0.10	0.50	0.70	0.50	0.30	1.00	[1, 1]	0.92	[0.91, 0.94]	0.0084	[0.91, 0.94]
	0.10	0.10	0.50	0.70	0.50	0.50	0.97	[0.94, 1.01]	0.86	[0.83, 0.9]	0.0464	[0.83, 0.9]
	0.10	0.10	0.70	0.30	0.10	0.10	1	[1, 1]	0.88	[0.87, 0.89]	0.0023	[0.87, 0.89]
	0.10	0.10	0.70	0.30	0.10	0.30	1	[1, 1]	0.87	[0.86, 0.89]	0.0107	[0.86, 0.89]
	0.10	0.10	0.70	0.30	0.10	0.50	1.00	[1, 1]	0.84	[0.83, 0.85]	0.0405	[0.83, 0.85]
	0.10	0.10	0.70	0.30	0.30	0.10	1	[1, 1]	0.90	[0.89, 0.91]	0.0021	[0.89, 0.91]
	0.10	0.10	0.70	0.30	0.30	0.30	1.00	[1, 1]	0.88	[0.87, 0.9]	0.0096	[0.87, 0.9]
	0.10	0.10	0.70	0.30	0.30	0.50	1.00	[1, 1]	0.87	[0.85, 0.88]	0.0392	[0.85, 0.88]
	0.10	0.10	0.70	0.30	0.50	0.10	1	[1, 1]	0.91	[0.9, 0.92]	0.0025	[0.9, 0.92]
	0.10	0.10	0.70	0.30	0.50	0.30	1	[1, 1]	0.90	[0.89, 0.91]	0.0116	[0.89, 0.91]
	0.10	0.10	0.70	0.30	0.50	0.50	1.00	[1, 1]	0.86	[0.84, 0.88]	0.0575	[0.84, 0.88]
	0.10	0.10	0.70	0.50	0.10	0.10	1	[1, 1]	0.90	[0.89, 0.91]	0.0016	[0.89, 0.91]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.10	0.10	0.70	0.50	0.10	0.30	1	[1, 1]	0.89	[0.88, 0.9]	0.0124	[0.88, 0.9]
0.10	0.10	0.70	0.50	0.10	0.50	1	[1, 1]	0.87	[0.85, 0.89]	0.0443	[0.85, 0.89]
0.10	0.10	0.70	0.50	0.30	0.10	1	[1, 1]	0.92	[0.9, 0.93]	0.0009	[0.9, 0.93]
0.10	0.10	0.70	0.50	0.30	0.30	1.00	[1, 1]	0.91	[0.9, 0.92]	0.0067	[0.9, 0.92]
0.10	0.10	0.70	0.50	0.30	0.50	1.00	[1, 1]	0.88	[0.86, 0.9]	0.0369	[0.86, 0.9]
0.10	0.10	0.70	0.50	0.50	0.10	1	[1, 1]	0.93	[0.91, 0.95]	0.0023	[0.91, 0.95]
0.10	0.10	0.70	0.50	0.50	0.30	1	[1, 1]	0.91	[0.9, 0.92]	0.0067	[0.9, 0.92]
0.10	0.10	0.70	0.50	0.50	0.50	1.00	[1, 1]	0.90	[0.89, 0.92]	0.0339	[0.89, 0.92]
0.10	0.10	0.70	0.70	0.10	0.10	1	[1, 1]	0.92	[0.91, 0.93]	0.0009	[0.91, 0.93]
0.10	0.10	0.70	0.70	0.10	0.30	1	[1, 1]	0.92	[0.92, 0.93]	0.0057	[0.92, 0.93]
0.10	0.10	0.70	0.70	0.10	0.50	1.00	[1, 1]	0.88	[0.86, 0.9]	0.0524	[0.86, 0.9]
0.10	0.10	0.70	0.70	0.30	0.10	1	[1, 1]	0.93	[0.91, 0.95]	0.0041	[0.91, 0.95]
0.10	0.10	0.70	0.70	0.30	0.30	1.00	[1, 1]	0.92	[0.91, 0.94]	0.0111	[0.91, 0.94]
0.10	0.10	0.70	0.70	0.30	0.50	1.00	[0.99, 1]	0.88	[0.86, 0.9]	0.0436	[0.86, 0.9]
0.10	0.10	0.70	0.70	0.50	0.10	0.99	[0.96, 1.01]	0.92	[0.89, 0.95]	0.0007	[0.89, 0.95]
0.10	0.10	0.70	0.70	0.50	0.30	0.99	[0.96, 1.01]	0.91	[0.88, 0.94]	0.0072	[0.88, 0.94]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
15	0.10	0.10	0.70	0.70	0.50	0.50	1.00	[1, 1]	0.89	[0.87, 0.91]	0.0565	[0.87, 0.91]
	0.10	0.30	0.30	0.30	0.10	0.10	0.99	[0.98, 1]	0.65	[0.63, 0.67]	0.2359	[0.63, 0.67]
	0.10	0.30	0.30	0.30	0.10	0.30	0.97	[0.96, 0.98]	0.53	[0.5, 0.56]	0.3868	[0.5, 0.56]
	0.10	0.30	0.30	0.30	0.10	0.50	0.95	[0.93, 0.97]	0.42	[0.39, 0.45]	0.5131	[0.39, 0.45]
	0.10	0.30	0.30	0.30	0.30	0.10	0.99	[0.98, 1]	0.64	[0.62, 0.67]	0.2548	[0.62, 0.67]
	0.10	0.30	0.30	0.30	0.30	0.30	0.96	[0.94, 0.98]	0.53	[0.5, 0.56]	0.3785	[0.5, 0.56]
	0.10	0.30	0.30	0.30	0.30	0.50	0.97	[0.95, 0.98]	0.41	[0.38, 0.45]	0.5235	[0.38, 0.45]
	0.10	0.30	0.30	0.30	0.50	0.10	1.00	[1, 1]	0.66	[0.63, 0.68]	0.2575	[0.63, 0.68]
	0.10	0.30	0.30	0.30	0.50	0.30	0.98	[0.97, 0.99]	0.56	[0.52, 0.59]	0.3735	[0.52, 0.59]
	0.10	0.30	0.30	0.30	0.50	0.50	0.98	[0.97, 0.99]	0.41	[0.38, 0.45]	0.5299	[0.38, 0.45]
	0.10	0.30	0.30	0.50	0.10	0.10	1.00	[0.99, 1]	0.70	[0.68, 0.72]	0.2136	[0.68, 0.72]
	0.10	0.30	0.30	0.50	0.10	0.30	0.99	[0.98, 0.99]	0.53	[0.5, 0.56]	0.3908	[0.5, 0.56]
	0.10	0.30	0.30	0.50	0.10	0.50	0.97	[0.96, 0.99]	0.45	[0.41, 0.48]	0.4845	[0.41, 0.48]
	0.10	0.30	0.30	0.50	0.30	0.10	0.99	[0.98, 1]	0.67	[0.64, 0.7]	0.2423	[0.64, 0.7]
	0.10	0.30	0.30	0.50	0.30	0.30	0.97	[0.96, 0.99]	0.55	[0.52, 0.58]	0.3649	[0.52, 0.58]
	0.10	0.30	0.30	0.50	0.30	0.50	0.97	[0.96, 0.99]	0.46	[0.43, 0.5]	0.4809	[0.43, 0.5]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
16	0.10	0.30	0.30	0.50	0.50	0.10	0.99	[0.98, 1]	0.68	[0.66, 0.71]	0.2475	[0.66, 0.71]
	0.10	0.30	0.30	0.50	0.50	0.30	0.98	[0.96, 0.99]	0.54	[0.5, 0.58]	0.3945	[0.5, 0.58]
	0.10	0.30	0.30	0.50	0.50	0.50	0.96	[0.93, 0.99]	0.42	[0.38, 0.46]	0.5308	[0.38, 0.46]
	0.10	0.30	0.30	0.70	0.10	0.10	1.00	[0.99, 1]	0.66	[0.63, 0.68]	0.2740	[0.63, 0.68]
	0.10	0.30	0.30	0.70	0.10	0.30	0.98	[0.97, 0.99]	0.54	[0.51, 0.57]	0.3936	[0.51, 0.57]
	0.10	0.30	0.30	0.70	0.10	0.50	0.99	[0.98, 1]	0.42	[0.39, 0.45]	0.5309	[0.39, 0.45]
	0.10	0.30	0.30	0.70	0.30	0.10	0.99	[0.98, 1]	0.67	[0.64, 0.7]	0.2529	[0.64, 0.7]
	0.10	0.30	0.30	0.70	0.30	0.30	0.99	[0.98, 0.99]	0.57	[0.54, 0.6]	0.3635	[0.54, 0.6]
	0.10	0.30	0.30	0.70	0.30	0.50	0.97	[0.95, 0.99]	0.40	[0.37, 0.44]	0.5631	[0.37, 0.44]
	0.10	0.30	0.30	0.70	0.50	0.10	0.99	[0.99, 1]	0.69	[0.66, 0.72]	0.2605	[0.66, 0.72]
	0.10	0.30	0.30	0.70	0.50	0.30	0.99	[0.97, 1]	0.59	[0.56, 0.62]	0.3571	[0.56, 0.62]
	0.10	0.30	0.30	0.70	0.50	0.50	0.98	[0.95, 1]	0.41	[0.37, 0.44]	0.5580	[0.37, 0.44]
	0.10	0.30	0.50	0.30	0.10	0.10	0.99	[0.99, 1]	0.67	[0.65, 0.69]	0.2239	[0.65, 0.69]
	0.10	0.30	0.50	0.30	0.10	0.30	0.99	[0.98, 0.99]	0.56	[0.52, 0.59]	0.3577	[0.52, 0.59]
	0.10	0.30	0.50	0.30	0.10	0.50	0.97	[0.96, 0.99]	0.43	[0.4, 0.47]	0.5048	[0.4, 0.47]
	0.10	0.30	0.50	0.30	0.30	0.10	0.99	[0.99, 1]	0.67	[0.64, 0.7]	0.2379	[0.64, 0.7]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
17	0.10	0.30	0.50	0.30	0.30	0.30	0.99	[0.98, 0.99]	0.56	[0.53, 0.58]	0.3591	[0.53, 0.58]
	0.10	0.30	0.50	0.30	0.30	0.50	0.99	[0.98, 1]	0.41	[0.37, 0.45]	0.5364	[0.37, 0.45]
	0.10	0.30	0.50	0.30	0.50	0.10	1.00	[0.99, 1]	0.68	[0.66, 0.71]	0.2217	[0.66, 0.71]
	0.10	0.30	0.50	0.30	0.50	0.30	0.99	[0.98, 1]	0.56	[0.53, 0.58]	0.3692	[0.53, 0.58]
	0.10	0.30	0.50	0.30	0.50	0.50	0.97	[0.95, 0.99]	0.41	[0.38, 0.44]	0.5401	[0.38, 0.44]
	0.10	0.30	0.50	0.50	0.10	0.10	1.00	[0.99, 1]	0.68	[0.65, 0.71]	0.2268	[0.65, 0.71]
	0.10	0.30	0.50	0.50	0.10	0.30	0.99	[0.98, 1]	0.56	[0.53, 0.6]	0.3739	[0.53, 0.6]
	0.10	0.30	0.50	0.50	0.10	0.50	0.98	[0.97, 0.99]	0.43	[0.39, 0.47]	0.5159	[0.39, 0.47]
	0.10	0.30	0.50	0.50	0.30	0.10	1.00	[0.99, 1]	0.71	[0.68, 0.73]	0.2189	[0.68, 0.73]
	0.10	0.30	0.50	0.50	0.30	0.30	0.99	[0.98, 0.99]	0.55	[0.52, 0.59]	0.3759	[0.52, 0.59]
	0.10	0.30	0.50	0.50	0.30	0.50	0.99	[0.98, 1]	0.39	[0.35, 0.43]	0.5757	[0.35, 0.43]
	0.10	0.30	0.50	0.50	0.50	0.10	1.00	[0.99, 1]	0.71	[0.69, 0.74]	0.2076	[0.69, 0.74]
	0.10	0.30	0.50	0.50	0.50	0.30	0.99	[0.98, 1]	0.54	[0.5, 0.57]	0.4085	[0.5, 0.57]
	0.10	0.30	0.50	0.50	0.50	0.50	0.98	[0.97, 1]	0.40	[0.36, 0.44]	0.5645	[0.36, 0.44]
	0.10	0.30	0.50	0.70	0.10	0.10	1.00	[1, 1]	0.72	[0.7, 0.74]	0.2184	[0.7, 0.74]
	0.10	0.30	0.50	0.70	0.10	0.30	0.99	[0.99, 1]	0.57	[0.54, 0.61]	0.3553	[0.54, 0.61]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
18	0.10	0.30	0.50	0.70	0.10	0.50	0.99	[0.99, 1]	0.37	[0.34, 0.41]	0.5941	[0.34, 0.41]
	0.10	0.30	0.50	0.70	0.30	0.10	1.00	[0.99, 1]	0.71	[0.68, 0.74]	0.2315	[0.68, 0.74]
	0.10	0.30	0.50	0.70	0.30	0.30	0.99	[0.99, 1]	0.61	[0.57, 0.65]	0.3445	[0.57, 0.65]
	0.10	0.30	0.50	0.70	0.30	0.50	0.98	[0.96, 0.99]	0.44	[0.39, 0.48]	0.5220	[0.39, 0.48]
	0.10	0.30	0.50	0.70	0.50	0.10	1.00	[1, 1]	0.74	[0.71, 0.76]	0.2119	[0.71, 0.76]
	0.10	0.30	0.50	0.70	0.50	0.30	0.97	[0.96, 0.99]	0.59	[0.55, 0.62]	0.3460	[0.55, 0.62]
	0.10	0.30	0.50	0.70	0.50	0.50	0.99	[0.98, 1]	0.38	[0.34, 0.42]	0.5807	[0.34, 0.42]
	0.10	0.30	0.70	0.30	0.10	0.10	0.99	[0.99, 1]	0.68	[0.65, 0.7]	0.2076	[0.65, 0.7]
	0.10	0.30	0.70	0.30	0.10	0.30	0.98	[0.97, 0.99]	0.58	[0.55, 0.61]	0.3356	[0.55, 0.61]
	0.10	0.30	0.70	0.30	0.10	0.50	0.96	[0.94, 0.98]	0.41	[0.38, 0.44]	0.5223	[0.38, 0.44]
	0.10	0.30	0.70	0.30	0.30	0.10	1.00	[1, 1]	0.68	[0.65, 0.7]	0.2268	[0.65, 0.7]
	0.10	0.30	0.70	0.30	0.30	0.30	0.99	[0.99, 1]	0.51	[0.48, 0.55]	0.4049	[0.48, 0.55]
	0.10	0.30	0.70	0.30	0.30	0.50	0.99	[0.97, 1]	0.43	[0.39, 0.48]	0.5053	[0.39, 0.48]
	0.10	0.30	0.70	0.30	0.50	0.10	1.00	[1, 1]	0.65	[0.62, 0.68]	0.2640	[0.62, 0.68]
	0.10	0.30	0.70	0.30	0.50	0.30	0.98	[0.97, 1]	0.55	[0.52, 0.58]	0.3803	[0.52, 0.58]
	0.10	0.30	0.70	0.30	0.50	0.50	0.99	[0.99, 1]	0.41	[0.37, 0.46]	0.5404	[0.37, 0.46]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.10	0.30	0.70	0.50	0.10	0.10	1.00	[0.99, 1]	0.70	[0.68, 0.73]	0.2016	[0.68, 0.73]
	0.10	0.30	0.70	0.50	0.10	0.30	1.00	[0.99, 1]	0.58	[0.55, 0.62]	0.3444	[0.55, 0.62]
	0.10	0.30	0.70	0.50	0.10	0.50	0.99	[0.98, 0.99]	0.41	[0.37, 0.45]	0.5220	[0.37, 0.45]
	0.10	0.30	0.70	0.50	0.30	0.10	1.00	[1, 1]	0.72	[0.7, 0.75]	0.1967	[0.7, 0.75]
	0.10	0.30	0.70	0.50	0.30	0.30	0.99	[0.98, 1]	0.56	[0.52, 0.59]	0.3759	[0.52, 0.59]
	0.10	0.30	0.70	0.50	0.30	0.50	0.99	[0.99, 1]	0.43	[0.38, 0.47]	0.5293	[0.38, 0.47]
	0.10	0.30	0.70	0.50	0.50	0.10	1.00	[1, 1]	0.71	[0.68, 0.74]	0.2167	[0.68, 0.74]
	0.10	0.30	0.70	0.50	0.50	0.30	0.99	[0.99, 1]	0.55	[0.5, 0.6]	0.3852	[0.5, 0.6]
	0.10	0.30	0.70	0.50	0.50	0.50	0.99	[0.97, 1]	0.46	[0.42, 0.5]	0.5004	[0.42, 0.5]
	0.10	0.30	0.70	0.70	0.10	0.10	1.00	[1, 1]	0.70	[0.67, 0.72]	0.2343	[0.67, 0.72]
	0.10	0.30	0.70	0.70	0.10	0.30	0.99	[0.99, 1]	0.60	[0.57, 0.64]	0.3316	[0.57, 0.64]
	0.10	0.30	0.70	0.70	0.10	0.50	0.99	[0.98, 1]	0.44	[0.4, 0.48]	0.5183	[0.4, 0.48]
	0.10	0.30	0.70	0.70	0.30	0.10	1.00	[0.99, 1]	0.69	[0.66, 0.73]	0.2361	[0.66, 0.73]
	0.10	0.30	0.70	0.70	0.30	0.30	0.99	[0.98, 0.99]	0.56	[0.52, 0.59]	0.3717	[0.52, 0.59]
	0.10	0.30	0.70	0.70	0.30	0.50	0.98	[0.95, 1]	0.44	[0.4, 0.49]	0.5057	[0.4, 0.49]
	0.10	0.30	0.70	0.70	0.50	0.10	0.97	[0.93, 1.01]	0.72	[0.68, 0.75]	0.1865	[0.68, 0.75]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
20	0.10	0.30	0.70	0.70	0.50	0.30	0.97	[0.94, 1]	0.59	[0.55, 0.63]	0.3533	[0.55, 0.63]
	0.10	0.30	0.70	0.70	0.50	0.50	0.98	[0.97, 1]	0.41	[0.36, 0.47]	0.5672	[0.36, 0.47]
	0.10	0.50	0.30	0.30	0.10	0.10	0.93	[0.9, 0.95]	0.29	[0.27, 0.32]	0.6459	[0.27, 0.32]
	0.10	0.50	0.30	0.30	0.10	0.30	0.93	[0.9, 0.95]	0.24	[0.22, 0.26]	0.7165	[0.22, 0.26]
	0.10	0.50	0.30	0.30	0.10	0.50	0.88	[0.85, 0.92]	0.19	[0.17, 0.2]	0.7881	[0.17, 0.2]
	0.10	0.50	0.30	0.30	0.30	0.10	0.96	[0.95, 0.98]	0.30	[0.27, 0.32]	0.6460	[0.27, 0.32]
	0.10	0.50	0.30	0.30	0.30	0.30	0.92	[0.89, 0.95]	0.20	[0.18, 0.22]	0.7572	[0.18, 0.22]
	0.10	0.50	0.30	0.30	0.30	0.50	0.93	[0.9, 0.96]	0.18	[0.16, 0.2]	0.7951	[0.16, 0.2]
	0.10	0.50	0.30	0.30	0.50	0.10	0.97	[0.95, 0.98]	0.29	[0.27, 0.32]	0.6639	[0.27, 0.32]
	0.10	0.50	0.30	0.30	0.50	0.30	0.95	[0.93, 0.97]	0.24	[0.22, 0.27]	0.7073	[0.22, 0.27]
	0.10	0.50	0.30	0.30	0.50	0.50	0.96	[0.94, 0.98]	0.19	[0.18, 0.21]	0.7823	[0.18, 0.21]
	0.10	0.50	0.30	0.50	0.10	0.10	0.97	[0.96, 0.99]	0.32	[0.29, 0.34]	0.6231	[0.29, 0.34]
	0.10	0.50	0.30	0.50	0.10	0.30	0.95	[0.93, 0.98]	0.25	[0.22, 0.28]	0.7031	[0.22, 0.28]
	0.10	0.50	0.30	0.50	0.10	0.50	0.95	[0.92, 0.97]	0.20	[0.18, 0.22]	0.7667	[0.18, 0.22]
	0.10	0.50	0.30	0.50	0.30	0.10	0.96	[0.93, 0.98]	0.31	[0.28, 0.34]	0.6417	[0.28, 0.34]
	0.10	0.50	0.30	0.50	0.30	0.30	0.93	[0.9, 0.96]	0.21	[0.19, 0.24]	0.7497	[0.19, 0.24]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
21	0.10	0.50	0.30	0.50	0.30	0.50	0.95	[0.93, 0.97]	0.19	[0.17, 0.21]	0.7809	[0.17, 0.21]
	0.10	0.50	0.30	0.50	0.50	0.10	0.97	[0.96, 0.99]	0.31	[0.28, 0.34]	0.6372	[0.28, 0.34]
	0.10	0.50	0.30	0.50	0.50	0.30	0.95	[0.93, 0.98]	0.22	[0.2, 0.24]	0.7460	[0.2, 0.24]
	0.10	0.50	0.30	0.50	0.50	0.50	0.96	[0.93, 0.99]	0.18	[0.15, 0.2]	0.8088	[0.15, 0.2]
	0.10	0.50	0.30	0.70	0.10	0.10	0.98	[0.97, 0.99]	0.29	[0.27, 0.31]	0.6593	[0.27, 0.31]
	0.10	0.50	0.30	0.70	0.10	0.30	0.96	[0.94, 0.98]	0.23	[0.21, 0.25]	0.7345	[0.21, 0.25]
	0.10	0.50	0.30	0.70	0.10	0.50	0.96	[0.94, 0.98]	0.17	[0.16, 0.19]	0.8093	[0.16, 0.19]
	0.10	0.50	0.30	0.70	0.30	0.10	0.96	[0.94, 0.98]	0.26	[0.24, 0.29]	0.6865	[0.24, 0.29]
	0.10	0.50	0.30	0.70	0.30	0.30	0.95	[0.92, 0.98]	0.23	[0.21, 0.25]	0.7445	[0.21, 0.25]
	0.10	0.50	0.30	0.70	0.30	0.50	0.98	[0.96, 1]	0.18	[0.16, 0.2]	0.8079	[0.16, 0.2]
	0.10	0.50	0.30	0.70	0.50	0.10	0.93	[0.9, 0.96]	0.32	[0.29, 0.36]	0.6344	[0.29, 0.36]
	0.10	0.50	0.30	0.70	0.50	0.30	0.96	[0.93, 0.99]	0.22	[0.2, 0.25]	0.7424	[0.2, 0.25]
	0.10	0.50	0.30	0.70	0.50	0.50	0.95	[0.91, 0.98]	0.17	[0.15, 0.19]	0.8235	[0.15, 0.19]
	0.10	0.50	0.50	0.30	0.10	0.10	0.96	[0.94, 0.98]	0.31	[0.28, 0.33]	0.6281	[0.28, 0.33]
	0.10	0.50	0.50	0.30	0.10	0.30	0.97	[0.95, 0.98]	0.22	[0.2, 0.25]	0.7372	[0.2, 0.25]
	0.10	0.50	0.50	0.30	0.10	0.50	0.90	[0.87, 0.93]	0.18	[0.16, 0.2]	0.8013	[0.16, 0.2]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
2	0.10	0.50	0.50	0.30	0.30	0.10	0.95	[0.93, 0.97]	0.29	[0.26, 0.32]	0.6444	[0.26, 0.32]
	0.10	0.50	0.50	0.30	0.30	0.30	0.96	[0.93, 0.98]	0.21	[0.18, 0.23]	0.7521	[0.18, 0.23]
	0.10	0.50	0.50	0.30	0.30	0.50	0.95	[0.93, 0.97]	0.17	[0.15, 0.18]	0.8207	[0.15, 0.18]
	0.10	0.50	0.50	0.30	0.50	0.10	0.98	[0.97, 0.99]	0.28	[0.25, 0.31]	0.6801	[0.25, 0.31]
	0.10	0.50	0.50	0.30	0.50	0.30	0.95	[0.93, 0.98]	0.19	[0.17, 0.21]	0.7875	[0.17, 0.21]
	0.10	0.50	0.50	0.30	0.50	0.50	0.96	[0.93, 0.98]	0.16	[0.14, 0.18]	0.8241	[0.14, 0.18]
	0.10	0.50	0.50	0.50	0.10	0.10	0.98	[0.97, 0.99]	0.29	[0.26, 0.32]	0.6629	[0.26, 0.32]
	0.10	0.50	0.50	0.50	0.10	0.30	0.96	[0.94, 0.98]	0.23	[0.2, 0.26]	0.7319	[0.2, 0.26]
	0.10	0.50	0.50	0.50	0.10	0.50	0.96	[0.94, 0.98]	0.18	[0.16, 0.2]	0.8067	[0.16, 0.2]
	0.10	0.50	0.50	0.50	0.30	0.10	0.98	[0.96, 1]	0.27	[0.24, 0.3]	0.6901	[0.24, 0.3]
	0.10	0.50	0.50	0.50	0.30	0.30	0.97	[0.95, 0.98]	0.21	[0.18, 0.24]	0.7613	[0.18, 0.24]
	0.10	0.50	0.50	0.50	0.30	0.50	0.95	[0.92, 0.98]	0.15	[0.14, 0.17]	0.8347	[0.14, 0.17]
	0.10	0.50	0.50	0.50	0.50	0.10	0.97	[0.95, 0.99]	0.25	[0.22, 0.28]	0.7101	[0.22, 0.28]
	0.10	0.50	0.50	0.50	0.50	0.30	0.94	[0.91, 0.98]	0.19	[0.16, 0.21]	0.7961	[0.16, 0.21]
	0.10	0.50	0.50	0.50	0.50	0.50	0.97	[0.94, 1]	0.14	[0.12, 0.16]	0.8563	[0.12, 0.16]
	0.10	0.50	0.50	0.70	0.10	0.10	0.99	[0.98, 1]	0.31	[0.28, 0.34]	0.6449	[0.28, 0.34]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
2	0.10	0.50	0.50	0.70	0.10	0.30	0.99	[0.98, 1]	0.21	[0.18, 0.24]	0.7655	[0.18, 0.24]
	0.10	0.50	0.50	0.70	0.10	0.50	0.96	[0.94, 0.99]	0.16	[0.14, 0.18]	0.8167	[0.14, 0.18]
	0.10	0.50	0.50	0.70	0.30	0.10	0.97	[0.95, 0.99]	0.30	[0.27, 0.34]	0.6667	[0.27, 0.34]
	0.10	0.50	0.50	0.70	0.30	0.30	0.98	[0.97, 0.99]	0.19	[0.16, 0.22]	0.7979	[0.16, 0.22]
	0.10	0.50	0.50	0.70	0.30	0.50	0.98	[0.96, 0.99]	0.16	[0.13, 0.18]	0.8331	[0.13, 0.18]
	0.10	0.50	0.50	0.70	0.50	0.10	0.97	[0.94, 0.99]	0.29	[0.25, 0.32]	0.6817	[0.25, 0.32]
	0.10	0.50	0.50	0.70	0.50	0.30	0.95	[0.92, 0.99]	0.21	[0.18, 0.25]	0.7768	[0.18, 0.25]
	0.10	0.50	0.50	0.70	0.50	0.50	0.96	[0.93, 0.99]	0.16	[0.13, 0.19]	0.8379	[0.13, 0.19]
	0.10	0.50	0.70	0.30	0.10	0.10	0.97	[0.96, 0.99]	0.30	[0.27, 0.33]	0.6360	[0.27, 0.33]
	0.10	0.50	0.70	0.30	0.10	0.30	0.94	[0.92, 0.96]	0.20	[0.18, 0.22]	0.7597	[0.18, 0.22]
	0.10	0.50	0.70	0.30	0.10	0.50	0.94	[0.92, 0.97]	0.16	[0.14, 0.18]	0.8176	[0.14, 0.18]
	0.10	0.50	0.70	0.30	0.30	0.10	0.98	[0.97, 1]	0.27	[0.24, 0.29]	0.6887	[0.24, 0.29]
	0.10	0.50	0.70	0.30	0.30	0.30	0.98	[0.96, 0.99]	0.20	[0.17, 0.22]	0.7744	[0.17, 0.22]
	0.10	0.50	0.70	0.30	0.30	0.50	0.95	[0.92, 0.97]	0.16	[0.14, 0.18]	0.8211	[0.14, 0.18]
	0.10	0.50	0.70	0.30	0.50	0.10	0.99	[0.98, 1]	0.27	[0.24, 0.3]	0.6928	[0.24, 0.3]
	0.10	0.50	0.70	0.30	0.50	0.30	0.97	[0.96, 0.99]	0.20	[0.17, 0.23]	0.7647	[0.17, 0.23]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.10	0.50	0.70	0.30	0.50	0.50	0.96	[0.93, 0.98]	0.17	[0.15, 0.19]	0.8251	[0.15, 0.19]
	0.10	0.50	0.70	0.50	0.10	0.10	0.97	[0.96, 0.99]	0.29	[0.26, 0.32]	0.6536	[0.26, 0.32]
	0.10	0.50	0.70	0.50	0.10	0.30	0.97	[0.96, 0.99]	0.23	[0.2, 0.26]	0.7427	[0.2, 0.26]
	0.10	0.50	0.70	0.50	0.10	0.50	0.98	[0.96, 0.99]	0.16	[0.14, 0.18]	0.8215	[0.14, 0.18]
	0.10	0.50	0.70	0.50	0.30	0.10	0.98	[0.97, 0.99]	0.28	[0.25, 0.32]	0.6733	[0.25, 0.32]
	0.10	0.50	0.70	0.50	0.30	0.30	0.95	[0.92, 0.98]	0.18	[0.15, 0.2]	0.8063	[0.15, 0.2]
	0.10	0.50	0.70	0.50	0.30	0.50	0.96	[0.93, 0.99]	0.15	[0.13, 0.17]	0.8425	[0.13, 0.17]
	0.10	0.50	0.70	0.50	0.50	0.10	0.96	[0.94, 0.99]	0.24	[0.21, 0.27]	0.7220	[0.21, 0.27]
	0.10	0.50	0.70	0.50	0.50	0.30	0.96	[0.92, 0.99]	0.21	[0.18, 0.24]	0.7776	[0.18, 0.24]
	0.10	0.50	0.70	0.50	0.50	0.50	0.94	[0.91, 0.98]	0.16	[0.14, 0.18]	0.8292	[0.14, 0.18]
	0.10	0.50	0.70	0.70	0.10	0.10	0.99	[0.98, 1]	0.30	[0.26, 0.33]	0.6672	[0.26, 0.33]
	0.10	0.50	0.70	0.70	0.10	0.30	0.97	[0.95, 0.99]	0.21	[0.18, 0.23]	0.7655	[0.18, 0.23]
	0.10	0.50	0.70	0.70	0.10	0.50	0.98	[0.95, 1]	0.15	[0.13, 0.16]	0.8415	[0.13, 0.16]
	0.10	0.50	0.70	0.70	0.30	0.10	0.98	[0.97, 1]	0.27	[0.24, 0.3]	0.7057	[0.24, 0.3]
	0.10	0.50	0.70	0.70	0.30	0.30	0.94	[0.9, 0.98]	0.21	[0.19, 0.24]	0.7665	[0.19, 0.24]
	0.10	0.50	0.70	0.70	0.30	0.50	0.98	[0.97, 1]	0.14	[0.12, 0.16]	0.8573	[0.12, 0.16]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
25	0.10	0.50	0.70	0.70	0.50	0.10	0.97	[0.95, 0.99]	0.24	[0.21, 0.27]	0.7277	[0.21, 0.27]
	0.10	0.50	0.70	0.70	0.50	0.30	0.94	[0.91, 0.98]	0.20	[0.17, 0.23]	0.7748	[0.17, 0.23]
	0.10	0.50	0.70	0.70	0.50	0.50	0.95	[0.92, 0.99]	0.15	[0.12, 0.18]	0.8489	[0.12, 0.18]
	0.30	0.10	0.30	0.30	0.10	0.10	1.00	[1, 1]	0.81	[0.79, 0.83]	0.0677	[0.79, 0.83]
	0.30	0.10	0.30	0.30	0.10	0.30	1.00	[0.99, 1]	0.74	[0.71, 0.76]	0.1565	[0.71, 0.76]
	0.30	0.10	0.30	0.30	0.10	0.50	0.99	[0.98, 1]	0.57	[0.54, 0.61]	0.3508	[0.54, 0.61]
	0.30	0.10	0.30	0.30	0.30	0.10	1.00	[1, 1]	0.80	[0.78, 0.83]	0.0928	[0.78, 0.83]
	0.30	0.10	0.30	0.30	0.30	0.30	1.00	[0.99, 1]	0.72	[0.68, 0.75]	0.2029	[0.68, 0.75]
	0.30	0.10	0.30	0.30	0.30	0.50	0.98	[0.97, 1]	0.60	[0.56, 0.64]	0.3267	[0.56, 0.64]
	0.30	0.10	0.30	0.30	0.50	0.10	1.00	[1, 1]	0.85	[0.83, 0.87]	0.0668	[0.83, 0.87]
	0.30	0.10	0.30	0.30	0.50	0.30	0.98	[0.95, 1]	0.72	[0.68, 0.76]	0.1757	[0.68, 0.76]
	0.30	0.10	0.30	0.30	0.50	0.50	0.97	[0.93, 1.01]	0.59	[0.55, 0.64]	0.3447	[0.55, 0.64]
	0.30	0.10	0.30	0.50	0.10	0.10	1.00	[1, 1]	0.84	[0.82, 0.86]	0.0639	[0.82, 0.86]
	0.30	0.10	0.30	0.50	0.10	0.30	1.00	[0.99, 1]	0.71	[0.68, 0.74]	0.1997	[0.68, 0.74]
	0.30	0.10	0.30	0.50	0.10	0.50	0.99	[0.99, 1]	0.62	[0.58, 0.65]	0.3075	[0.58, 0.65]
	0.30	0.10	0.30	0.50	0.30	0.10	0.96	[0.92, 1]	0.83	[0.79, 0.87]	0.0488	[0.79, 0.87]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
26	0.30	0.10	0.30	0.50	0.30	0.30	0.99	[0.98, 1]	0.72	[0.69, 0.76]	0.1948	[0.69, 0.76]
	0.30	0.10	0.30	0.50	0.30	0.50	0.98	[0.95, 1.01]	0.61	[0.57, 0.66]	0.3151	[0.57, 0.66]
	0.30	0.10	0.30	0.50	0.50	0.10	0.94	[0.89, 1]	0.82	[0.77, 0.87]	0.0711	[0.77, 0.87]
	0.30	0.10	0.30	0.50	0.50	0.30	0.97	[0.93, 1.01]	0.75	[0.71, 0.79]	0.1752	[0.71, 0.79]
	0.30	0.10	0.30	0.50	0.50	0.50	0.95	[0.91, 1]	0.60	[0.56, 0.64]	0.3439	[0.56, 0.64]
	0.30	0.10	0.30	0.70	0.10	0.10	1.00	[1, 1]	0.87	[0.85, 0.89]	0.0551	[0.85, 0.89]
	0.30	0.10	0.30	0.70	0.10	0.30	0.99	[0.99, 1]	0.75	[0.72, 0.78]	0.1716	[0.72, 0.78]
	0.30	0.10	0.30	0.70	0.10	0.50	0.99	[0.99, 1]	0.63	[0.59, 0.67]	0.3059	[0.59, 0.67]
	0.30	0.10	0.30	0.70	0.30	0.10	0.97	[0.93, 1.01]	0.85	[0.81, 0.89]	0.0607	[0.81, 0.89]
	0.30	0.10	0.30	0.70	0.30	0.30	0.94	[0.89, 0.99]	0.69	[0.64, 0.74]	0.1835	[0.64, 0.74]
	0.30	0.10	0.30	0.70	0.30	0.50	0.92	[0.86, 0.98]	0.57	[0.53, 0.62]	0.3401	[0.53, 0.62]
	0.30	0.10	0.30	0.70	0.50	0.10	0.89	[0.82, 0.96]	0.78	[0.72, 0.84]	0.0665	[0.72, 0.84]
	0.30	0.10	0.30	0.70	0.50	0.30	0.88	[0.81, 0.95]	0.69	[0.64, 0.75]	0.1879	[0.64, 0.75]
	0.30	0.10	0.30	0.70	0.50	0.50	0.91	[0.85, 0.97]	0.61	[0.56, 0.66]	0.3077	[0.56, 0.66]
	0.30	0.10	0.50	0.30	0.10	0.10	1	[1, 1]	0.85	[0.84, 0.87]	0.0375	[0.84, 0.87]
	0.30	0.10	0.50	0.30	0.10	0.30	1.00	[0.99, 1]	0.76	[0.73, 0.79]	0.1365	[0.73, 0.79]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.30	0.10	0.50	0.30	0.10	0.50	1.00	[0.99, 1]	0.63	[0.59, 0.67]	0.2983	[0.59, 0.67]
	0.30	0.10	0.50	0.30	0.30	0.10	1.00	[1, 1]	0.86	[0.84, 0.88]	0.0419	[0.84, 0.88]
	0.30	0.10	0.50	0.30	0.30	0.30	1.00	[0.99, 1]	0.79	[0.76, 0.82]	0.1292	[0.76, 0.82]
	0.30	0.10	0.50	0.30	0.30	0.50	0.98	[0.96, 1]	0.61	[0.57, 0.65]	0.3169	[0.57, 0.65]
	0.30	0.10	0.50	0.30	0.50	0.10	1.00	[1, 1]	0.88	[0.86, 0.91]	0.0423	[0.86, 0.91]
	0.30	0.10	0.50	0.30	0.50	0.30	1.00	[0.99, 1]	0.75	[0.71, 0.78]	0.1828	[0.71, 0.78]
	0.30	0.10	0.50	0.30	0.50	0.50	0.97	[0.94, 1]	0.63	[0.58, 0.68]	0.2853	[0.58, 0.68]
	0.30	0.10	0.50	0.50	0.10	0.10	1	[1, 1]	0.87	[0.85, 0.89]	0.0439	[0.85, 0.89]
	0.30	0.10	0.50	0.50	0.10	0.30	1.00	[1, 1]	0.77	[0.74, 0.8]	0.1347	[0.74, 0.8]
	0.30	0.10	0.50	0.50	0.10	0.50	0.98	[0.97, 1]	0.61	[0.58, 0.65]	0.3207	[0.58, 0.65]
	0.30	0.10	0.50	0.50	0.30	0.10	0.95	[0.89, 1]	0.84	[0.79, 0.88]	0.0423	[0.79, 0.88]
	0.30	0.10	0.50	0.50	0.30	0.30	0.95	[0.91, 1]	0.76	[0.72, 0.8]	0.1247	[0.72, 0.8]
	0.30	0.10	0.50	0.50	0.30	0.50	0.96	[0.91, 1]	0.60	[0.55, 0.65]	0.3081	[0.55, 0.65]
	0.30	0.10	0.50	0.50	0.50	0.10	0.94	[0.89, 0.99]	0.84	[0.79, 0.89]	0.0437	[0.79, 0.89]
	0.30	0.10	0.50	0.50	0.50	0.30	0.95	[0.91, 1]	0.78	[0.74, 0.82]	0.1321	[0.74, 0.82]
	0.30	0.10	0.50	0.50	0.50	0.50	0.96	[0.93, 1]	0.64	[0.59, 0.69]	0.2891	[0.59, 0.69]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
28	0.30	0.10	0.50	0.70	0.10	0.10	1	[1, 1]	0.88	[0.86, 0.9]	0.0423	[0.86, 0.9]
	0.30	0.10	0.50	0.70	0.10	0.30	1.00	[1, 1]	0.78	[0.74, 0.81]	0.1420	[0.74, 0.81]
	0.30	0.10	0.50	0.70	0.10	0.50	0.99	[0.97, 1]	0.66	[0.62, 0.7]	0.2876	[0.62, 0.7]
	0.30	0.10	0.50	0.70	0.30	0.10	0.97	[0.93, 1.01]	0.84	[0.8, 0.88]	0.0405	[0.8, 0.88]
	0.30	0.10	0.50	0.70	0.30	0.30	0.93	[0.87, 0.98]	0.75	[0.7, 0.81]	0.1196	[0.7, 0.81]
	0.30	0.10	0.50	0.70	0.30	0.50	0.93	[0.88, 0.99]	0.61	[0.55, 0.66]	0.2929	[0.55, 0.66]
	0.30	0.10	0.50	0.70	0.50	0.10	0.92	[0.86, 0.98]	0.85	[0.79, 0.9]	0.0392	[0.79, 0.9]
	0.30	0.10	0.50	0.70	0.50	0.30	0.89	[0.83, 0.96]	0.74	[0.68, 0.8]	0.1331	[0.68, 0.8]
	0.30	0.10	0.50	0.70	0.50	0.50	0.87	[0.8, 0.94]	0.60	[0.54, 0.65]	0.2971	[0.54, 0.65]
	0.30	0.10	0.70	0.30	0.10	0.10	1	[1, 1]	0.87	[0.86, 0.89]	0.0405	[0.86, 0.89]
	0.30	0.10	0.70	0.30	0.10	0.30	1.00	[1, 1]	0.76	[0.73, 0.79]	0.1407	[0.73, 0.79]
	0.30	0.10	0.70	0.30	0.10	0.50	1.00	[0.99, 1]	0.63	[0.58, 0.67]	0.3015	[0.58, 0.67]
	0.30	0.10	0.70	0.30	0.30	0.10	0.97	[0.94, 1.01]	0.83	[0.79, 0.87]	0.0385	[0.79, 0.87]
	0.30	0.10	0.70	0.30	0.30	0.30	0.99	[0.96, 1.01]	0.78	[0.74, 0.81]	0.1248	[0.74, 0.81]
	0.30	0.10	0.70	0.30	0.30	0.50	0.98	[0.95, 1.01]	0.62	[0.58, 0.66]	0.3049	[0.58, 0.66]
	0.30	0.10	0.70	0.30	0.50	0.10	0.97	[0.94, 1.01]	0.85	[0.82, 0.89]	0.0329	[0.82, 0.89]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.30	0.10	0.70	0.30	0.50	0.30	0.97	[0.94, 1.01]	0.77	[0.73, 0.81]	0.1432	[0.73, 0.81]
0.30	0.10	0.70	0.30	0.50	0.50	0.97	[0.94, 1]	0.64	[0.59, 0.68]	0.2869	[0.59, 0.68]
0.30	0.10	0.70	0.50	0.10	0.10	1.00	[1, 1]	0.87	[0.85, 0.89]	0.0307	[0.85, 0.89]
0.30	0.10	0.70	0.50	0.10	0.30	1.00	[1, 1]	0.77	[0.74, 0.81]	0.1319	[0.74, 0.81]
0.30	0.10	0.70	0.50	0.10	0.50	1.00	[1, 1]	0.64	[0.59, 0.69]	0.2885	[0.59, 0.69]
0.30	0.10	0.70	0.50	0.30	0.10	0.97	[0.94, 1.01]	0.89	[0.86, 0.92]	0.0319	[0.86, 0.92]
0.30	0.10	0.70	0.50	0.30	0.30	0.98	[0.95, 1.01]	0.78	[0.74, 0.83]	0.1331	[0.74, 0.83]
0.30	0.10	0.70	0.50	0.30	0.50	0.98	[0.95, 1.01]	0.67	[0.63, 0.71]	0.2668	[0.63, 0.71]
0.30	0.10	0.70	0.50	0.50	0.10	0.91	[0.84, 0.97]	0.81	[0.75, 0.87]	0.0443	[0.75, 0.87]
0.30	0.10	0.70	0.50	0.50	0.30	0.98	[0.95, 1.01]	0.77	[0.72, 0.82]	0.1569	[0.72, 0.82]
0.30	0.10	0.70	0.50	0.50	0.50	0.92	[0.86, 0.98]	0.69	[0.64, 0.74]	0.2520	[0.64, 0.74]
0.30	0.10	0.70	0.70	0.10	0.10	1	[1, 1]	0.89	[0.88, 0.91]	0.0353	[0.88, 0.91]
0.30	0.10	0.70	0.70	0.10	0.30	1.00	[1, 1]	0.80	[0.77, 0.83]	0.1268	[0.77, 0.83]
0.30	0.10	0.70	0.70	0.10	0.50	1.00	[1, 1]	0.68	[0.63, 0.72]	0.2581	[0.63, 0.72]
0.30	0.10	0.70	0.70	0.30	0.10	0.96	[0.91, 1]	0.86	[0.82, 0.9]	0.0359	[0.82, 0.9]
0.30	0.10	0.70	0.70	0.30	0.30	0.95	[0.9, 0.99]	0.77	[0.73, 0.82]	0.1289	[0.73, 0.82]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
30	0.30	0.10	0.70	0.70	0.30	0.50	0.92	[0.86, 0.97]	0.59	[0.54, 0.64]	0.3096	[0.54, 0.64]
	0.30	0.10	0.70	0.70	0.50	0.10	0.91	[0.84, 0.97]	0.85	[0.79, 0.91]	0.0376	[0.79, 0.91]
	0.30	0.10	0.70	0.70	0.50	0.30	0.95	[0.91, 1]	0.78	[0.73, 0.83]	0.1439	[0.73, 0.83]
	0.30	0.10	0.70	0.70	0.50	0.50	0.89	[0.82, 0.96]	0.60	[0.53, 0.66]	0.2861	[0.53, 0.66]
	0.30	0.30	0.30	0.30	0.10	0.10	0.96	[0.93, 0.98]	0.33	[0.3, 0.36]	0.5987	[0.3, 0.36]
	0.30	0.30	0.30	0.30	0.10	0.30	0.97	[0.95, 0.99]	0.24	[0.21, 0.27]	0.7269	[0.21, 0.27]
	0.30	0.30	0.30	0.30	0.10	0.50	0.93	[0.89, 0.97]	0.19	[0.16, 0.21]	0.8068	[0.16, 0.21]
	0.30	0.30	0.30	0.30	0.30	0.10	0.98	[0.96, 1]	0.35	[0.32, 0.39]	0.5935	[0.32, 0.39]
	0.30	0.30	0.30	0.30	0.30	0.30	0.95	[0.91, 0.98]	0.22	[0.19, 0.26]	0.7487	[0.19, 0.26]
	0.30	0.30	0.30	0.30	0.30	0.50	0.96	[0.93, 0.99]	0.18	[0.15, 0.2]	0.8187	[0.15, 0.2]
	0.30	0.30	0.30	0.30	0.50	0.10	0.93	[0.88, 0.98]	0.35	[0.31, 0.39]	0.5971	[0.31, 0.39]
	0.30	0.30	0.30	0.30	0.50	0.30	0.95	[0.91, 1]	0.24	[0.21, 0.28]	0.7328	[0.21, 0.28]
	0.30	0.30	0.30	0.30	0.50	0.50	0.94	[0.9, 0.98]	0.15	[0.13, 0.18]	0.8491	[0.13, 0.18]
	0.30	0.30	0.30	0.50	0.10	0.10	0.97	[0.94, 0.99]	0.35	[0.32, 0.38]	0.5923	[0.32, 0.38]
	0.30	0.30	0.30	0.50	0.10	0.30	0.98	[0.96, 1]	0.24	[0.21, 0.27]	0.7363	[0.21, 0.27]
	0.30	0.30	0.30	0.50	0.10	0.50	0.96	[0.94, 0.99]	0.18	[0.16, 0.21]	0.8056	[0.16, 0.21]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.30	0.30	0.30	0.50	0.30	0.10	0.94	[0.9, 0.98]	0.35	[0.31, 0.39]	0.6123	[0.31, 0.39]
	0.30	0.30	0.30	0.50	0.30	0.30	0.96	[0.94, 0.99]	0.21	[0.18, 0.24]	0.7583	[0.18, 0.24]
	0.30	0.30	0.30	0.50	0.30	0.50	0.95	[0.91, 0.99]	0.15	[0.13, 0.18]	0.8488	[0.13, 0.18]
	0.30	0.30	0.30	0.50	0.50	0.10	0.91	[0.86, 0.97]	0.32	[0.28, 0.36]	0.6243	[0.28, 0.36]
	0.30	0.30	0.30	0.50	0.50	0.30	0.89	[0.83, 0.96]	0.23	[0.19, 0.26]	0.7673	[0.19, 0.26]
	0.30	0.30	0.30	0.50	0.50	0.50	0.95	[0.9, 0.99]	0.18	[0.14, 0.21]	0.8225	[0.14, 0.21]
	0.30	0.30	0.30	0.70	0.10	0.10	0.99	[0.98, 1]	0.37	[0.33, 0.4]	0.5759	[0.33, 0.4]
	0.30	0.30	0.30	0.70	0.10	0.30	0.99	[0.98, 1.01]	0.20	[0.17, 0.23]	0.7731	[0.17, 0.23]
	0.30	0.30	0.30	0.70	0.10	0.50	0.97	[0.95, 0.99]	0.15	[0.13, 0.18]	0.8291	[0.13, 0.18]
	0.30	0.30	0.30	0.70	0.30	0.10	0.97	[0.94, 1]	0.34	[0.3, 0.39]	0.6104	[0.3, 0.39]
	0.30	0.30	0.30	0.70	0.30	0.30	0.93	[0.89, 0.97]	0.21	[0.18, 0.25]	0.7559	[0.18, 0.25]
	0.30	0.30	0.30	0.70	0.30	0.50	0.90	[0.84, 0.96]	0.20	[0.16, 0.24]	0.8221	[0.16, 0.24]
	0.30	0.30	0.30	0.70	0.50	0.10	0.89	[0.82, 0.96]	0.35	[0.31, 0.39]	0.6105	[0.31, 0.39]
	0.30	0.30	0.30	0.70	0.50	0.30	0.87	[0.8, 0.94]	0.27	[0.23, 0.31]	0.7120	[0.23, 0.31]
	0.30	0.30	0.30	0.70	0.50	0.50	0.86	[0.79, 0.93]	0.19	[0.15, 0.24]	0.8296	[0.15, 0.24]
	0.30	0.30	0.50	0.30	0.10	0.10	0.99	[0.98, 1]	0.35	[0.31, 0.39]	0.5820	[0.31, 0.39]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
S2	0.30	0.30	0.50	0.30	0.10	0.30	0.98	[0.97, 0.99]	0.21	[0.18, 0.25]	0.7585	[0.18, 0.25]
	0.30	0.30	0.50	0.30	0.10	0.50	0.97	[0.95, 0.99]	0.15	[0.13, 0.17]	0.8437	[0.13, 0.17]
	0.30	0.30	0.50	0.30	0.30	0.10	0.98	[0.96, 1]	0.33	[0.29, 0.37]	0.6197	[0.29, 0.37]
	0.30	0.30	0.50	0.30	0.30	0.30	0.93	[0.88, 0.98]	0.21	[0.18, 0.24]	0.7780	[0.18, 0.24]
	0.30	0.30	0.50	0.30	0.30	0.50	0.95	[0.91, 0.99]	0.15	[0.13, 0.18]	0.8531	[0.13, 0.18]
	0.30	0.30	0.50	0.30	0.50	0.10	0.96	[0.93, 0.99]	0.33	[0.29, 0.37]	0.6188	[0.29, 0.37]
	0.30	0.30	0.50	0.30	0.50	0.30	0.93	[0.88, 0.98]	0.21	[0.18, 0.24]	0.7667	[0.18, 0.24]
	0.30	0.30	0.50	0.30	0.50	0.50	0.94	[0.89, 0.99]	0.16	[0.13, 0.19]	0.8517	[0.13, 0.19]
	0.30	0.30	0.50	0.50	0.10	0.10	0.98	[0.97, 1]	0.35	[0.31, 0.39]	0.5901	[0.31, 0.39]
	0.30	0.30	0.50	0.50	0.10	0.30	0.98	[0.97, 1]	0.21	[0.18, 0.24]	0.7643	[0.18, 0.24]
	0.30	0.30	0.50	0.50	0.10	0.50	0.96	[0.92, 0.99]	0.16	[0.14, 0.19]	0.8352	[0.14, 0.19]
	0.30	0.30	0.50	0.50	0.30	0.10	0.97	[0.94, 1]	0.35	[0.31, 0.38]	0.6000	[0.31, 0.38]
	0.30	0.30	0.50	0.50	0.30	0.30	0.92	[0.87, 0.98]	0.21	[0.18, 0.25]	0.7960	[0.18, 0.25]
	0.30	0.30	0.50	0.50	0.30	0.50	0.92	[0.87, 0.98]	0.17	[0.13, 0.2]	0.8213	[0.13, 0.2]
	0.30	0.30	0.50	0.50	0.50	0.10	0.92	[0.86, 0.97]	0.30	[0.26, 0.35]	0.6556	[0.26, 0.35]
	0.30	0.30	0.50	0.50	0.50	0.30	0.92	[0.86, 0.98]	0.21	[0.17, 0.25]	0.7767	[0.17, 0.25]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
\mathfrak{E}	0.30	0.30	0.50	0.50	0.50	0.50	0.91	[0.85, 0.97]	0.14	[0.11, 0.18]	0.8585	[0.11, 0.18]
	0.30	0.30	0.50	0.70	0.10	0.10	0.97	[0.94, 1]	0.36	[0.32, 0.39]	0.5920	[0.32, 0.39]
	0.30	0.30	0.50	0.70	0.10	0.30	0.99	[0.97, 1]	0.19	[0.16, 0.22]	0.7971	[0.16, 0.22]
	0.30	0.30	0.50	0.70	0.10	0.50	0.97	[0.94, 1]	0.13	[0.1, 0.15]	0.8763	[0.1, 0.15]
	0.30	0.30	0.50	0.70	0.30	0.10	0.93	[0.88, 0.98]	0.29	[0.25, 0.34]	0.6541	[0.25, 0.34]
	0.30	0.30	0.50	0.70	0.30	0.30	0.90	[0.84, 0.96]	0.23	[0.19, 0.27]	0.7389	[0.19, 0.27]
	0.30	0.30	0.50	0.70	0.30	0.50	0.84	[0.76, 0.92]	0.19	[0.15, 0.23]	0.8411	[0.15, 0.23]
	0.30	0.30	0.50	0.70	0.50	0.10	0.91	[0.85, 0.97]	0.31	[0.26, 0.36]	0.6252	[0.26, 0.36]
	0.30	0.30	0.50	0.70	0.50	0.30	0.94	[0.9, 0.99]	0.20	[0.15, 0.24]	0.7817	[0.15, 0.24]
	0.30	0.30	0.50	0.70	0.50	0.50	0.86	[0.79, 0.94]	0.17	[0.12, 0.21]	0.8503	[0.12, 0.21]
	0.30	0.30	0.70	0.30	0.10	0.10	0.99	[0.99, 1]	0.34	[0.3, 0.38]	0.5971	[0.3, 0.38]
	0.30	0.30	0.70	0.30	0.10	0.30	0.99	[0.98, 1]	0.18	[0.15, 0.22]	0.7920	[0.15, 0.22]
	0.30	0.30	0.70	0.30	0.10	0.50	0.98	[0.96, 1]	0.15	[0.13, 0.17]	0.8521	[0.13, 0.17]
	0.30	0.30	0.70	0.30	0.30	0.10	0.95	[0.9, 0.99]	0.28	[0.24, 0.33]	0.6575	[0.24, 0.33]
	0.30	0.30	0.70	0.30	0.30	0.30	0.96	[0.93, 1]	0.18	[0.15, 0.21]	0.8023	[0.15, 0.21]
	0.30	0.30	0.70	0.30	0.30	0.50	0.97	[0.94, 1]	0.15	[0.12, 0.17]	0.8513	[0.12, 0.17]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.30	0.30	0.70	0.30	0.50	0.10	0.96	[0.92, 1]	0.32	[0.28, 0.37]	0.6268	[0.28, 0.37]
0.30	0.30	0.70	0.30	0.50	0.30	0.96	[0.91, 1]	0.17	[0.14, 0.2]	0.8100	[0.14, 0.2]
0.30	0.30	0.70	0.30	0.50	0.50	0.97	[0.94, 1]	0.12	[0.1, 0.14]	0.8924	[0.1, 0.14]
0.30	0.30	0.70	0.50	0.10	0.10	1.00	[0.99, 1]	0.33	[0.29, 0.37]	0.6245	[0.29, 0.37]
0.30	0.30	0.70	0.50	0.10	0.30	0.99	[0.97, 1]	0.22	[0.17, 0.26]	0.7545	[0.17, 0.26]
0.30	0.30	0.70	0.50	0.10	0.50	0.97	[0.95, 0.99]	0.13	[0.11, 0.15]	0.8753	[0.11, 0.15]
0.30	0.30	0.70	0.50	0.30	0.10	0.93	[0.88, 0.98]	0.36	[0.31, 0.41]	0.6000	[0.31, 0.41]
0.30	0.30	0.70	0.50	0.30	0.30	0.94	[0.89, 0.99]	0.19	[0.15, 0.23]	0.8016	[0.15, 0.23]
0.30	0.30	0.70	0.50	0.30	0.50	0.95	[0.91, 1]	0.13	[0.1, 0.16]	0.8703	[0.1, 0.16]
0.30	0.30	0.70	0.50	0.50	0.10	0.93	[0.88, 0.99]	0.28	[0.23, 0.33]	0.6521	[0.23, 0.33]
0.30	0.30	0.70	0.50	0.50	0.30	0.85	[0.78, 0.93]	0.21	[0.17, 0.26]	0.7912	[0.17, 0.26]
0.30	0.30	0.70	0.50	0.50	0.50	0.86	[0.78, 0.93]	0.17	[0.12, 0.21]	0.8737	[0.12, 0.21]
0.30	0.30	0.70	0.70	0.10	0.10	0.99	[0.97, 1.01]	0.33	[0.29, 0.38]	0.6291	[0.29, 0.38]
0.30	0.30	0.70	0.70	0.10	0.30	0.98	[0.95, 1]	0.18	[0.15, 0.22]	0.7980	[0.15, 0.22]
0.30	0.30	0.70	0.70	0.10	0.50	0.96	[0.92, 0.99]	0.13	[0.11, 0.16]	0.8771	[0.11, 0.16]
0.30	0.30	0.70	0.70	0.30	0.10	0.94	[0.89, 0.99]	0.30	[0.24, 0.35]	0.6724	[0.24, 0.35]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
35	0.30	0.30	0.70	0.70	0.30	0.30	0.85	[0.78, 0.93]	0.21	[0.17, 0.26]	0.7784	[0.17, 0.26]
	0.30	0.30	0.70	0.70	0.30	0.50	0.96	[0.92, 1]	0.14	[0.11, 0.18]	0.8780	[0.11, 0.18]
	0.30	0.30	0.70	0.70	0.50	0.10	0.89	[0.82, 0.96]	0.34	[0.28, 0.39]	0.5945	[0.28, 0.39]
	0.30	0.30	0.70	0.70	0.50	0.30	0.87	[0.79, 0.95]	0.22	[0.17, 0.27]	0.7765	[0.17, 0.27]
	0.30	0.30	0.70	0.70	0.50	0.50	0.84	[0.75, 0.92]	0.17	[0.12, 0.21]	0.8689	[0.12, 0.21]
	0.30	0.50	0.30	0.30	0.10	0.10	0.96	[0.93, 0.98]	0.15	[0.13, 0.17]	0.8224	[0.13, 0.17]
	0.30	0.50	0.30	0.30	0.10	0.30	0.94	[0.91, 0.97]	0.14	[0.13, 0.16]	0.8491	[0.13, 0.16]
	0.30	0.50	0.30	0.30	0.10	0.50	0.95	[0.92, 0.98]	0.12	[0.1, 0.13]	0.8795	[0.1, 0.13]
	0.30	0.50	0.30	0.30	0.30	0.10	0.96	[0.94, 0.99]	0.15	[0.14, 0.17]	0.8307	[0.14, 0.17]
	0.30	0.50	0.30	0.30	0.30	0.30	0.92	[0.87, 0.97]	0.13	[0.11, 0.15]	0.8669	[0.11, 0.15]
	0.30	0.50	0.30	0.30	0.30	0.50	0.95	[0.91, 0.99]	0.11	[0.1, 0.13]	0.8923	[0.1, 0.13]
	0.30	0.50	0.30	0.30	0.50	0.10	0.96	[0.93, 1]	0.14	[0.12, 0.16]	0.8536	[0.12, 0.16]
	0.30	0.50	0.30	0.30	0.50	0.30	0.95	[0.9, 0.99]	0.14	[0.11, 0.16]	0.8553	[0.11, 0.16]
	0.30	0.50	0.30	0.30	0.50	0.50	0.91	[0.86, 0.96]	0.12	[0.09, 0.14]	0.8881	[0.09, 0.14]
	0.30	0.50	0.30	0.50	0.10	0.10	0.97	[0.95, 1]	0.13	[0.12, 0.15]	0.8447	[0.12, 0.15]
	0.30	0.50	0.30	0.50	0.10	0.30	0.93	[0.89, 0.98]	0.13	[0.11, 0.14]	0.8641	[0.11, 0.14]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
36	0.30	0.50	0.30	0.50	0.10	0.50	0.96	[0.93, 0.99]	0.11	[0.1, 0.13]	0.8812	[0.1, 0.13]
	0.30	0.50	0.30	0.50	0.30	0.10	0.95	[0.91, 0.99]	0.12	[0.1, 0.14]	0.8720	[0.1, 0.14]
	0.30	0.50	0.30	0.50	0.30	0.30	0.90	[0.84, 0.96]	0.15	[0.12, 0.18]	0.8695	[0.12, 0.18]
	0.30	0.50	0.30	0.50	0.30	0.50	0.92	[0.86, 0.97]	0.12	[0.09, 0.15]	0.8719	[0.09, 0.15]
	0.30	0.50	0.30	0.50	0.50	0.10	0.94	[0.89, 0.99]	0.12	[0.1, 0.15]	0.8719	[0.1, 0.15]
	0.30	0.50	0.30	0.50	0.50	0.30	0.95	[0.9, 0.99]	0.12	[0.1, 0.15]	0.8759	[0.1, 0.15]
	0.30	0.50	0.30	0.50	0.50	0.50	0.90	[0.83, 0.97]	0.14	[0.11, 0.17]	0.8697	[0.11, 0.17]
	0.30	0.50	0.30	0.70	0.10	0.10	0.95	[0.91, 0.98]	0.14	[0.12, 0.15]	0.8465	[0.12, 0.15]
	0.30	0.50	0.30	0.70	0.10	0.30	0.97	[0.94, 1]	0.12	[0.1, 0.13]	0.8705	[0.1, 0.13]
	0.30	0.50	0.30	0.70	0.10	0.50	0.96	[0.93, 0.99]	0.11	[0.1, 0.13]	0.8832	[0.1, 0.13]
	0.30	0.50	0.30	0.70	0.30	0.10	0.98	[0.95, 1.01]	0.12	[0.1, 0.14]	0.8749	[0.1, 0.14]
	0.30	0.50	0.30	0.70	0.30	0.30	0.90	[0.83, 0.96]	0.15	[0.12, 0.17]	0.8396	[0.12, 0.17]
	0.30	0.50	0.30	0.70	0.30	0.50	0.89	[0.83, 0.95]	0.13	[0.1, 0.15]	0.8789	[0.1, 0.15]
	0.30	0.50	0.30	0.70	0.50	0.10	0.88	[0.81, 0.95]	0.16	[0.13, 0.19]	0.8191	[0.13, 0.19]
	0.30	0.50	0.30	0.70	0.50	0.30	0.89	[0.83, 0.96]	0.13	[0.1, 0.16]	0.8771	[0.1, 0.16]
	0.30	0.50	0.30	0.70	0.50	0.50	0.87	[0.79, 0.94]	0.14	[0.1, 0.18]	0.8788	[0.1, 0.18]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.30	0.50	0.50	0.30	0.10	0.10	0.97	[0.95, 0.99]	0.13	[0.12, 0.15]	0.8584	[0.12, 0.15]
	0.30	0.50	0.50	0.30	0.10	0.30	0.95	[0.92, 0.98]	0.12	[0.11, 0.13]	0.8816	[0.11, 0.13]
	0.30	0.50	0.50	0.30	0.10	0.50	0.97	[0.95, 0.99]	0.12	[0.11, 0.13]	0.8875	[0.11, 0.13]
	0.30	0.50	0.50	0.30	0.30	0.10	0.99	[0.97, 1]	0.11	[0.09, 0.13]	0.8743	[0.09, 0.13]
	0.30	0.50	0.50	0.30	0.30	0.30	0.96	[0.93, 1]	0.13	[0.11, 0.15]	0.8772	[0.11, 0.15]
	0.30	0.50	0.50	0.30	0.30	0.50	0.99	[0.97, 1]	0.10	[0.09, 0.11]	0.9085	[0.09, 0.11]
	0.30	0.50	0.50	0.30	0.50	0.10	0.96	[0.92, 1]	0.12	[0.1, 0.14]	0.8663	[0.1, 0.14]
	0.30	0.50	0.50	0.30	0.50	0.30	0.94	[0.89, 0.98]	0.13	[0.1, 0.15]	0.8841	[0.1, 0.15]
	0.30	0.50	0.50	0.30	0.50	0.50	0.95	[0.91, 1]	0.11	[0.09, 0.13]	0.9021	[0.09, 0.13]
	0.30	0.50	0.50	0.50	0.10	0.10	0.97	[0.94, 1]	0.11	[0.1, 0.12]	0.8747	[0.1, 0.12]
	0.30	0.50	0.50	0.50	0.10	0.30	0.97	[0.95, 0.99]	0.11	[0.09, 0.12]	0.8845	[0.09, 0.12]
	0.30	0.50	0.50	0.50	0.10	0.50	0.97	[0.96, 0.99]	0.11	[0.1, 0.12]	0.9045	[0.1, 0.12]
	0.30	0.50	0.50	0.50	0.30	0.10	0.94	[0.9, 0.98]	0.12	[0.1, 0.13]	0.8704	[0.1, 0.13]
	0.30	0.50	0.50	0.50	0.30	0.30	0.87	[0.79, 0.94]	0.15	[0.11, 0.18]	0.8707	[0.11, 0.18]
	0.30	0.50	0.50	0.50	0.30	0.50	0.96	[0.92, 1]	0.09	[0.08, 0.11]	0.9128	[0.08, 0.11]
	0.30	0.50	0.50	0.50	0.50	0.10	0.91	[0.84, 0.97]	0.12	[0.09, 0.15]	0.8739	[0.09, 0.15]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
38	0.30	0.50	0.50	0.50	0.50	0.30	0.86	[0.79, 0.94]	0.14	[0.11, 0.17]	0.8668	[0.11, 0.17]
	0.30	0.50	0.50	0.50	0.50	0.50	0.91	[0.84, 0.97]	0.12	[0.08, 0.16]	0.9108	[0.08, 0.16]
	0.30	0.50	0.50	0.70	0.10	0.10	0.94	[0.9, 0.98]	0.11	[0.1, 0.13]	0.8708	[0.1, 0.13]
	0.30	0.50	0.50	0.70	0.10	0.30	0.98	[0.97, 1]	0.10	[0.08, 0.11]	0.8988	[0.08, 0.11]
	0.30	0.50	0.50	0.70	0.10	0.50	0.95	[0.91, 0.98]	0.11	[0.09, 0.12]	0.8984	[0.09, 0.12]
	0.30	0.50	0.50	0.70	0.30	0.10	0.89	[0.82, 0.95]	0.14	[0.11, 0.17]	0.8759	[0.11, 0.17]
	0.30	0.50	0.50	0.70	0.30	0.30	0.90	[0.84, 0.96]	0.12	[0.09, 0.15]	0.8852	[0.09, 0.15]
	0.30	0.50	0.50	0.70	0.30	0.50	0.87	[0.8, 0.94]	0.14	[0.11, 0.17]	0.8847	[0.11, 0.17]
	0.30	0.50	0.50	0.70	0.50	0.10	0.86	[0.78, 0.94]	0.13	[0.1, 0.16]	0.8567	[0.1, 0.16]
	0.30	0.50	0.50	0.70	0.50	0.30	0.87	[0.8, 0.95]	0.13	[0.1, 0.16]	0.8601	[0.1, 0.16]
	0.30	0.50	0.50	0.70	0.50	0.50	0.85	[0.77, 0.93]	0.14	[0.1, 0.18]	0.8724	[0.1, 0.18]
	0.30	0.50	0.70	0.30	0.10	0.10	0.98	[0.97, 0.99]	0.12	[0.11, 0.13]	0.8719	[0.11, 0.13]
	0.30	0.50	0.70	0.30	0.10	0.30	0.98	[0.96, 1]	0.12	[0.11, 0.13]	0.8844	[0.11, 0.13]
	0.30	0.50	0.70	0.30	0.10	0.50	0.98	[0.96, 1]	0.11	[0.1, 0.12]	0.9013	[0.1, 0.12]
	0.30	0.50	0.70	0.30	0.30	0.10	0.93	[0.89, 0.98]	0.13	[0.11, 0.16]	0.8681	[0.11, 0.16]
	0.30	0.50	0.70	0.30	0.30	0.30	0.95	[0.91, 0.99]	0.11	[0.09, 0.13]	0.9000	[0.09, 0.13]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.30	0.50	0.70	0.30	0.30	0.50	0.89	[0.82, 0.96]	0.14	[0.11, 0.17]	0.8952	[0.11, 0.17]
0.30	0.50	0.70	0.30	0.50	0.10	0.95	[0.9, 0.99]	0.12	[0.09, 0.14]	0.8908	[0.09, 0.14]
0.30	0.50	0.70	0.30	0.50	0.30	0.95	[0.91, 1]	0.09	[0.07, 0.11]	0.9171	[0.07, 0.11]
0.30	0.50	0.70	0.30	0.50	0.50	0.86	[0.79, 0.93]	0.14	[0.11, 0.17]	0.8907	[0.11, 0.17]
0.30	0.50	0.70	0.50	0.10	0.10	0.99	[0.98, 1]	0.10	[0.09, 0.11]	0.8927	[0.09, 0.11]
0.30	0.50	0.70	0.50	0.10	0.30	0.96	[0.93, 1]	0.11	[0.09, 0.12]	0.8876	[0.09, 0.12]
0.30	0.50	0.70	0.50	0.10	0.50	0.98	[0.96, 1]	0.09	[0.08, 0.1]	0.9232	[0.08, 0.1]
0.30	0.50	0.70	0.50	0.30	0.10	0.95	[0.9, 0.99]	0.12	[0.09, 0.14]	0.8847	[0.09, 0.14]
0.30	0.50	0.70	0.50	0.30	0.30	0.93	[0.87, 0.98]	0.12	[0.09, 0.14]	0.8980	[0.09, 0.14]
0.30	0.50	0.70	0.50	0.30	0.50	0.87	[0.81, 0.94]	0.14	[0.1, 0.18]	0.8957	[0.1, 0.18]
0.30	0.50	0.70	0.50	0.50	0.10	0.92	[0.86, 0.98]	0.12	[0.09, 0.15]	0.8849	[0.09, 0.15]
0.30	0.50	0.70	0.50	0.50	0.30	0.86	[0.78, 0.93]	0.13	[0.09, 0.17]	0.9055	[0.09, 0.17]
0.30	0.50	0.70	0.50	0.50	0.50	0.91	[0.84, 0.97]	0.12	[0.09, 0.16]	0.9083	[0.09, 0.16]
0.30	0.50	0.70	0.70	0.10	0.10	0.95	[0.92, 0.99]	0.11	[0.09, 0.13]	0.8795	[0.09, 0.13]
0.30	0.50	0.70	0.70	0.10	0.30	0.97	[0.94, 1]	0.09	[0.08, 0.11]	0.9065	[0.08, 0.11]
0.30	0.50	0.70	0.70	0.10	0.50	0.95	[0.91, 0.99]	0.09	[0.08, 0.11]	0.9112	[0.08, 0.11]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
40	0.30	0.50	0.70	0.70	0.30	0.10	0.91	[0.85, 0.97]	0.13	[0.1, 0.16]	0.8925	[0.1, 0.16]
	0.30	0.50	0.70	0.70	0.30	0.30	0.86	[0.79, 0.93]	0.13	[0.1, 0.16]	0.8723	[0.1, 0.16]
	0.30	0.50	0.70	0.70	0.30	0.50	0.92	[0.86, 0.98]	0.12	[0.08, 0.15]	0.9180	[0.08, 0.15]
	0.30	0.50	0.70	0.70	0.50	0.10	0.89	[0.82, 0.96]	0.13	[0.1, 0.16]	0.8620	[0.1, 0.16]
	0.30	0.50	0.70	0.70	0.50	0.30	0.86	[0.79, 0.94]	0.14	[0.1, 0.18]	0.8931	[0.1, 0.18]
	0.30	0.50	0.70	0.70	0.50	0.50	0.87	[0.79, 0.94]	0.11	[0.07, 0.15]	0.9019	[0.07, 0.15]
	0.50	0.10	0.30	0.30	0.10	0.10	0.97	[0.95, 0.99]	0.26	[0.23, 0.29]	0.7135	[0.23, 0.29]
	0.50	0.10	0.30	0.30	0.10	0.30	0.96	[0.94, 0.99]	0.21	[0.19, 0.24]	0.7813	[0.19, 0.24]
	0.50	0.10	0.30	0.30	0.10	0.50	0.98	[0.96, 1]	0.17	[0.15, 0.19]	0.8527	[0.15, 0.19]
	0.50	0.10	0.30	0.30	0.30	0.10	0.94	[0.89, 0.98]	0.28	[0.24, 0.32]	0.7197	[0.24, 0.32]
	0.50	0.10	0.30	0.30	0.30	0.30	0.94	[0.9, 0.98]	0.22	[0.18, 0.25]	0.7931	[0.18, 0.25]
	0.50	0.10	0.30	0.30	0.30	0.50	0.96	[0.93, 1]	0.18	[0.15, 0.2]	0.8503	[0.15, 0.2]
	0.50	0.10	0.30	0.30	0.50	0.10	0.84	[0.76, 0.93]	0.29	[0.25, 0.33]	0.6835	[0.25, 0.33]
	0.50	0.10	0.30	0.30	0.50	0.30	0.90	[0.84, 0.96]	0.23	[0.19, 0.27]	0.8151	[0.19, 0.27]
	0.50	0.10	0.30	0.30	0.50	0.50	0.88	[0.81, 0.95]	0.19	[0.15, 0.24]	0.8633	[0.15, 0.24]
	0.50	0.10	0.30	0.50	0.10	0.10	0.93	[0.88, 0.98]	0.28	[0.24, 0.32]	0.6912	[0.24, 0.32]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.50	0.10	0.30	0.50	0.10	0.30	0.97	[0.95, 0.99]	0.17	[0.14, 0.19]	0.8289	[0.14, 0.19]
	0.50	0.10	0.30	0.50	0.10	0.50	0.98	[0.95, 1]	0.15	[0.13, 0.17]	0.8571	[0.13, 0.17]
	0.50	0.10	0.30	0.50	0.30	0.10	0.90	[0.84, 0.96]	0.27	[0.23, 0.31]	0.6740	[0.23, 0.31]
	0.50	0.10	0.30	0.50	0.30	0.30	0.88	[0.82, 0.95]	0.24	[0.2, 0.29]	0.7873	[0.2, 0.29]
	0.50	0.10	0.30	0.50	0.30	0.50	0.93	[0.87, 0.98]	0.18	[0.15, 0.22]	0.8453	[0.15, 0.22]
	0.50	0.10	0.30	0.50	0.50	0.10	0.85	[0.77, 0.93]	0.30	[0.25, 0.36]	0.6980	[0.25, 0.36]
	0.50	0.10	0.30	0.50	0.50	0.30	0.81	[0.72, 0.89]	0.25	[0.2, 0.3]	0.7881	[0.2, 0.3]
	0.50	0.10	0.30	0.50	0.50	0.50	0.80	[0.72, 0.89]	0.22	[0.17, 0.28]	0.8385	[0.17, 0.28]
	0.50	0.10	0.30	0.70	0.10	0.10	0.94	[0.9, 0.98]	0.26	[0.22, 0.29]	0.7159	[0.22, 0.29]
	0.50	0.10	0.30	0.70	0.10	0.30	0.93	[0.89, 0.97]	0.20	[0.17, 0.23]	0.7924	[0.17, 0.23]
	0.50	0.10	0.30	0.70	0.10	0.50	0.96	[0.93, 1]	0.15	[0.12, 0.17]	0.8736	[0.12, 0.17]
	0.50	0.10	0.30	0.70	0.30	0.10	0.85	[0.77, 0.93]	0.28	[0.23, 0.33]	0.7095	[0.23, 0.33]
	0.50	0.10	0.30	0.70	0.30	0.30	0.90	[0.83, 0.96]	0.20	[0.16, 0.24]	0.8007	[0.16, 0.24]
	0.50	0.10	0.30	0.70	0.30	0.50	0.86	[0.78, 0.93]	0.19	[0.14, 0.24]	0.8619	[0.14, 0.24]
	0.50	0.10	0.30	0.70	0.50	0.10	0.88	[0.8, 0.95]	0.27	[0.22, 0.32]	0.7352	[0.22, 0.32]
	0.50	0.10	0.30	0.70	0.50	0.30	0.91	[0.84, 0.97]	0.20	[0.15, 0.25]	0.8136	[0.15, 0.25]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
42	0.50	0.10	0.30	0.70	0.50	0.50	0.86	[0.78, 0.93]	0.19	[0.14, 0.24]	0.8592	[0.14, 0.24]
	0.50	0.10	0.50	0.30	0.10	0.10	0.99	[0.99, 1]	0.23	[0.19, 0.26]	0.7423	[0.19, 0.26]
	0.50	0.10	0.50	0.30	0.10	0.30	0.99	[0.98, 1]	0.17	[0.14, 0.2]	0.8368	[0.14, 0.2]
	0.50	0.10	0.50	0.30	0.10	0.50	0.98	[0.96, 1]	0.14	[0.12, 0.16]	0.8871	[0.12, 0.16]
	0.50	0.10	0.50	0.30	0.30	0.10	0.95	[0.91, 0.99]	0.29	[0.25, 0.34]	0.6648	[0.25, 0.34]
	0.50	0.10	0.50	0.30	0.30	0.30	0.97	[0.93, 1]	0.15	[0.12, 0.19]	0.8740	[0.12, 0.19]
	0.50	0.10	0.50	0.30	0.30	0.50	0.92	[0.86, 0.98]	0.17	[0.13, 0.2]	0.8797	[0.13, 0.2]
	0.50	0.10	0.50	0.30	0.50	0.10	0.91	[0.85, 0.98]	0.22	[0.18, 0.26]	0.7732	[0.18, 0.26]
	0.50	0.10	0.50	0.30	0.50	0.30	0.94	[0.89, 0.99]	0.17	[0.14, 0.2]	0.8363	[0.14, 0.2]
	0.50	0.10	0.50	0.30	0.50	0.50	0.92	[0.87, 0.98]	0.16	[0.12, 0.2]	0.8927	[0.12, 0.2]
	0.50	0.10	0.50	0.50	0.10	0.10	0.98	[0.95, 1.01]	0.24	[0.2, 0.29]	0.7389	[0.2, 0.29]
	0.50	0.10	0.50	0.50	0.10	0.30	0.97	[0.94, 0.99]	0.15	[0.12, 0.18]	0.8651	[0.12, 0.18]
	0.50	0.10	0.50	0.50	0.10	0.50	0.97	[0.94, 1]	0.14	[0.11, 0.16]	0.8793	[0.11, 0.16]
	0.50	0.10	0.50	0.50	0.30	0.10	0.91	[0.84, 0.97]	0.23	[0.18, 0.27]	0.7567	[0.18, 0.27]
	0.50	0.10	0.50	0.50	0.30	0.30	0.88	[0.81, 0.95]	0.20	[0.15, 0.25]	0.8319	[0.15, 0.25]
	0.50	0.10	0.50	0.50	0.30	0.50	0.92	[0.87, 0.98]	0.13	[0.09, 0.17]	0.9128	[0.09, 0.17]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
43	0.50	0.10	0.50	0.50	0.50	0.10	0.87	[0.79, 0.94]	0.23	[0.17, 0.28]	0.7655	[0.17, 0.28]
	0.50	0.10	0.50	0.50	0.50	0.30	0.88	[0.81, 0.95]	0.21	[0.15, 0.26]	0.8339	[0.15, 0.26]
	0.50	0.10	0.50	0.50	0.50	0.50	0.87	[0.8, 0.95]	0.16	[0.12, 0.2]	0.8824	[0.12, 0.2]
	0.50	0.10	0.50	0.70	0.10	0.10	0.96	[0.93, 1]	0.25	[0.2, 0.29]	0.7488	[0.2, 0.29]
	0.50	0.10	0.50	0.70	0.10	0.30	0.92	[0.87, 0.97]	0.14	[0.11, 0.17]	0.8625	[0.11, 0.17]
	0.50	0.10	0.50	0.70	0.10	0.50	0.96	[0.92, 1]	0.15	[0.11, 0.18]	0.8852	[0.11, 0.18]
	0.50	0.10	0.50	0.70	0.30	0.10	0.81	[0.73, 0.9]	0.24	[0.18, 0.29]	0.7369	[0.18, 0.29]
	0.50	0.10	0.50	0.70	0.30	0.30	0.90	[0.83, 0.96]	0.17	[0.13, 0.22]	0.8467	[0.13, 0.22]
	0.50	0.10	0.50	0.70	0.30	0.50	0.80	[0.72, 0.88]	0.22	[0.16, 0.27]	0.8408	[0.16, 0.27]
	0.50	0.10	0.50	0.70	0.50	0.10	0.82	[0.74, 0.91]	0.29	[0.23, 0.35]	0.6951	[0.23, 0.35]
	0.50	0.10	0.50	0.70	0.50	0.30	0.83	[0.74, 0.91]	0.21	[0.16, 0.27]	0.7887	[0.16, 0.27]
	0.50	0.10	0.50	0.70	0.50	0.50	0.83	[0.74, 0.91]	0.20	[0.14, 0.26]	0.8917	[0.14, 0.26]
	0.50	0.10	0.70	0.30	0.10	0.10	1.00	[1, 1]	0.24	[0.2, 0.28]	0.7480	[0.2, 0.28]
	0.50	0.10	0.70	0.30	0.10	0.30	0.99	[0.98, 1]	0.16	[0.13, 0.2]	0.8577	[0.13, 0.2]
	0.50	0.10	0.70	0.30	0.10	0.50	0.99	[0.97, 1]	0.15	[0.12, 0.17]	0.8773	[0.12, 0.17]
	0.50	0.10	0.70	0.30	0.30	0.10	0.93	[0.87, 0.98]	0.22	[0.18, 0.27]	0.7644	[0.18, 0.27]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.50	0.10	0.70	0.30	0.30	0.30	0.95	[0.91, 0.99]	0.19	[0.15, 0.23]	0.8353	[0.15, 0.23]
0.50	0.10	0.70	0.30	0.30	0.50	0.94	[0.89, 0.99]	0.15	[0.12, 0.19]	0.9021	[0.12, 0.19]
0.50	0.10	0.70	0.30	0.50	0.10	0.87	[0.79, 0.94]	0.29	[0.24, 0.34]	0.7269	[0.24, 0.34]
0.50	0.10	0.70	0.30	0.50	0.30	0.92	[0.87, 0.98]	0.18	[0.14, 0.23]	0.8609	[0.14, 0.23]
0.50	0.10	0.70	0.30	0.50	0.50	0.92	[0.86, 0.98]	0.15	[0.12, 0.19]	0.8979	[0.12, 0.19]
0.50	0.10	0.70	0.50	0.10	0.10	0.95	[0.91, 0.99]	0.21	[0.16, 0.25]	0.7983	[0.16, 0.25]
0.50	0.10	0.70	0.50	0.10	0.30	0.96	[0.93, 1]	0.17	[0.13, 0.2]	0.8435	[0.13, 0.2]
0.50	0.10	0.70	0.50	0.10	0.50	0.99	[0.98, 1]	0.10	[0.08, 0.12]	0.9228	[0.08, 0.12]
0.50	0.10	0.70	0.50	0.30	0.10	0.91	[0.84, 0.97]	0.24	[0.19, 0.3]	0.7425	[0.19, 0.3]
0.50	0.10	0.70	0.50	0.30	0.30	0.92	[0.87, 0.98]	0.18	[0.14, 0.21]	0.8191	[0.14, 0.21]
0.50	0.10	0.70	0.50	0.30	0.50	0.86	[0.79, 0.94]	0.21	[0.16, 0.25]	0.8507	[0.16, 0.25]
0.50	0.10	0.70	0.50	0.50	0.10	0.87	[0.79, 0.94]	0.28	[0.22, 0.34]	0.7267	[0.22, 0.34]
0.50	0.10	0.70	0.50	0.50	0.30	0.89	[0.83, 0.96]	0.19	[0.14, 0.24]	0.8469	[0.14, 0.24]
0.50	0.10	0.70	0.50	0.50	0.50	0.89	[0.83, 0.96]	0.17	[0.12, 0.22]	0.8811	[0.12, 0.22]
0.50	0.10	0.70	0.70	0.10	0.10	0.91	[0.85, 0.97]	0.27	[0.22, 0.32]	0.7068	[0.22, 0.32]
0.50	0.10	0.70	0.70	0.10	0.30	0.97	[0.94, 1]	0.13	[0.1, 0.16]	0.8797	[0.1, 0.16]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
45	0.50	0.10	0.70	0.70	0.10	0.50	0.92	[0.86, 0.97]	0.12	[0.09, 0.15]	0.9288	[0.09, 0.15]
	0.50	0.10	0.70	0.70	0.30	0.10	0.90	[0.83, 0.96]	0.25	[0.2, 0.31]	0.7219	[0.2, 0.31]
	0.50	0.10	0.70	0.70	0.30	0.30	0.86	[0.78, 0.93]	0.20	[0.15, 0.25]	0.8375	[0.15, 0.25]
	0.50	0.10	0.70	0.70	0.30	0.50	0.80	[0.71, 0.89]	0.22	[0.16, 0.27]	0.8955	[0.16, 0.27]
	0.50	0.10	0.70	0.70	0.50	0.10	0.80	[0.71, 0.89]	0.28	[0.22, 0.34]	0.6877	[0.22, 0.34]
	0.50	0.10	0.70	0.70	0.50	0.30	0.90	[0.84, 0.97]	0.20	[0.14, 0.25]	0.8229	[0.14, 0.25]
	0.50	0.10	0.70	0.70	0.50	0.50	0.82	[0.74, 0.9]	0.17	[0.12, 0.23]	0.8787	[0.12, 0.23]
	0.50	0.30	0.30	0.30	0.10	0.10	0.97	[0.94, 1]	0.11	[0.1, 0.13]	0.9007	[0.1, 0.13]
	0.50	0.30	0.30	0.30	0.10	0.30	0.96	[0.93, 0.99]	0.10	[0.09, 0.11]	0.9225	[0.09, 0.11]
	0.50	0.30	0.30	0.30	0.10	0.50	0.97	[0.94, 0.99]	0.11	[0.09, 0.12]	0.9225	[0.09, 0.12]
	0.50	0.30	0.30	0.30	0.30	0.10	0.95	[0.91, 1]	0.11	[0.09, 0.13]	0.9099	[0.09, 0.13]
	0.50	0.30	0.30	0.30	0.30	0.30	0.93	[0.88, 0.99]	0.12	[0.09, 0.15]	0.9221	[0.09, 0.15]
	0.50	0.30	0.30	0.30	0.30	0.50	0.93	[0.87, 0.98]	0.10	[0.08, 0.13]	0.9377	[0.08, 0.13]
	0.50	0.30	0.30	0.30	0.50	0.10	0.87	[0.8, 0.94]	0.13	[0.09, 0.17]	0.9164	[0.09, 0.17]
	0.50	0.30	0.30	0.30	0.50	0.30	0.85	[0.77, 0.93]	0.15	[0.11, 0.19]	0.9008	[0.11, 0.19]
	0.50	0.30	0.30	0.30	0.50	0.50	0.95	[0.9, 0.99]	0.09	[0.07, 0.12]	0.9435	[0.07, 0.12]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.50	0.30	0.30	0.50	0.10	0.10	0.95	[0.9, 0.99]	0.11	[0.09, 0.13]	0.9165	[0.09, 0.13]
	0.50	0.30	0.30	0.50	0.10	0.30	0.95	[0.91, 0.99]	0.11	[0.09, 0.13]	0.9136	[0.09, 0.13]
	0.50	0.30	0.30	0.50	0.10	0.50	0.96	[0.93, 1]	0.09	[0.07, 0.1]	0.9277	[0.07, 0.1]
	0.50	0.30	0.30	0.50	0.30	0.10	0.82	[0.74, 0.91]	0.16	[0.11, 0.21]	0.8955	[0.11, 0.21]
	0.50	0.30	0.30	0.50	0.30	0.30	0.89	[0.82, 0.95]	0.11	[0.08, 0.15]	0.9165	[0.08, 0.15]
	0.50	0.30	0.30	0.50	0.30	0.50	0.90	[0.83, 0.96]	0.12	[0.08, 0.16]	0.9339	[0.08, 0.16]
	0.50	0.30	0.30	0.50	0.50	0.10	0.84	[0.76, 0.92]	0.13	[0.09, 0.18]	0.8868	[0.09, 0.18]
	0.50	0.30	0.30	0.50	0.50	0.30	0.87	[0.79, 0.94]	0.12	[0.07, 0.16]	0.9379	[0.07, 0.16]
	0.50	0.30	0.30	0.50	0.50	0.50	0.87	[0.8, 0.95]	0.12	[0.08, 0.17]	0.9459	[0.08, 0.17]
	0.50	0.30	0.30	0.70	0.10	0.10	0.95	[0.91, 0.98]	0.09	[0.07, 0.11]	0.9125	[0.07, 0.11]
	0.50	0.30	0.30	0.70	0.10	0.30	0.94	[0.89, 0.98]	0.09	[0.06, 0.11]	0.9447	[0.06, 0.11]
	0.50	0.30	0.30	0.70	0.10	0.50	0.95	[0.9, 0.99]	0.09	[0.07, 0.11]	0.9439	[0.07, 0.11]
	0.50	0.30	0.30	0.70	0.30	0.10	0.79	[0.7, 0.88]	0.17	[0.12, 0.22]	0.9005	[0.12, 0.22]
	0.50	0.30	0.30	0.70	0.30	0.30	0.85	[0.77, 0.93]	0.13	[0.08, 0.17]	0.9200	[0.08, 0.17]
	0.50	0.30	0.30	0.70	0.30	0.50	0.86	[0.79, 0.94]	0.14	[0.09, 0.18]	0.9353	[0.09, 0.18]
	0.50	0.30	0.30	0.70	0.50	0.10	0.87	[0.8, 0.94]	0.12	[0.07, 0.16]	0.9245	[0.07, 0.16]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.50	0.30	0.30	0.70	0.50	0.30	0.81	[0.73, 0.9]	0.18	[0.13, 0.23]	0.8907	[0.13, 0.23]
	0.50	0.30	0.30	0.70	0.50	0.50	0.90	[0.83, 0.96]	0.09	[0.06, 0.13]	0.9463	[0.06, 0.13]
	0.50	0.30	0.50	0.30	0.10	0.10	0.98	[0.96, 1]	0.08	[0.07, 0.09]	0.9385	[0.07, 0.09]
	0.50	0.30	0.50	0.30	0.10	0.30	0.97	[0.94, 1]	0.08	[0.07, 0.1]	0.9456	[0.07, 0.1]
	0.50	0.30	0.50	0.30	0.10	0.50	0.99	[0.97, 1]	0.09	[0.08, 0.1]	0.9408	[0.08, 0.1]
	0.50	0.30	0.50	0.30	0.30	0.10	0.93	[0.88, 0.98]	0.11	[0.08, 0.14]	0.9388	[0.08, 0.14]
	0.50	0.30	0.50	0.30	0.30	0.30	0.88	[0.82, 0.95]	0.12	[0.09, 0.14]	0.9363	[0.09, 0.14]
	0.50	0.30	0.50	0.30	0.30	0.50	0.97	[0.93, 1]	0.08	[0.06, 0.1]	0.9545	[0.06, 0.1]
	0.50	0.30	0.50	0.30	0.50	0.10	0.95	[0.9, 1]	0.09	[0.06, 0.13]	0.9557	[0.06, 0.13]
	0.50	0.30	0.50	0.30	0.50	0.30	0.85	[0.77, 0.93]	0.15	[0.09, 0.2]	0.9472	[0.09, 0.2]
	0.50	0.30	0.50	0.30	0.50	0.50	0.86	[0.78, 0.94]	0.14	[0.09, 0.18]	0.9413	[0.09, 0.18]
	0.50	0.30	0.50	0.50	0.10	0.10	0.98	[0.96, 1.01]	0.08	[0.06, 0.1]	0.9592	[0.06, 0.1]
	0.50	0.30	0.50	0.50	0.10	0.30	0.92	[0.86, 0.97]	0.12	[0.09, 0.14]	0.9379	[0.09, 0.14]
	0.50	0.30	0.50	0.50	0.10	0.50	0.94	[0.9, 0.99]	0.09	[0.07, 0.11]	0.9561	[0.07, 0.11]
	0.50	0.30	0.50	0.50	0.30	0.10	0.86	[0.79, 0.94]	0.12	[0.08, 0.17]	0.9335	[0.08, 0.17]
	0.50	0.30	0.50	0.50	0.30	0.30	0.80	[0.71, 0.89]	0.15	[0.1, 0.19]	0.9183	[0.1, 0.19]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
48	0.50	0.30	0.50	0.50	0.30	0.50	0.91	[0.84, 0.97]	0.11	[0.06, 0.15]	0.9596	[0.06, 0.15]
	0.50	0.30	0.50	0.50	0.50	0.10	0.91	[0.84, 0.97]	0.10	[0.06, 0.14]	0.9401	[0.06, 0.14]
	0.50	0.30	0.50	0.50	0.50	0.30	0.85	[0.76, 0.93]	0.15	[0.09, 0.21]	0.9383	[0.09, 0.21]
	0.50	0.30	0.50	0.50	0.50	0.50	0.87	[0.8, 0.94]	0.09	[0.06, 0.13]	0.9415	[0.06, 0.13]
	0.50	0.30	0.50	0.70	0.10	0.10	0.90	[0.84, 0.96]	0.09	[0.07, 0.12]	0.9180	[0.07, 0.12]
	0.50	0.30	0.50	0.70	0.10	0.30	0.91	[0.85, 0.97]	0.09	[0.06, 0.12]	0.9505	[0.06, 0.12]
	0.50	0.30	0.50	0.70	0.10	0.50	0.89	[0.82, 0.96]	0.10	[0.07, 0.13]	0.9471	[0.07, 0.13]
	0.50	0.30	0.50	0.70	0.30	0.10	0.79	[0.7, 0.88]	0.19	[0.13, 0.25]	0.9248	[0.13, 0.25]
	0.50	0.30	0.50	0.70	0.30	0.30	0.87	[0.8, 0.95]	0.12	[0.07, 0.16]	0.9377	[0.07, 0.16]
	0.50	0.30	0.50	0.70	0.30	0.50	0.82	[0.74, 0.91]	0.15	[0.1, 0.2]	0.9384	[0.1, 0.2]
	0.50	0.30	0.50	0.70	0.50	0.10	0.81	[0.72, 0.89]	0.13	[0.08, 0.17]	0.9091	[0.08, 0.17]
	0.50	0.30	0.50	0.70	0.50	0.30	0.89	[0.83, 0.96]	0.09	[0.05, 0.14]	0.9591	[0.05, 0.14]
	0.50	0.30	0.50	0.70	0.50	0.50	0.81	[0.72, 0.9]	0.16	[0.09, 0.22]	0.9571	[0.09, 0.22]
	0.50	0.30	0.70	0.30	0.10	0.10	0.96	[0.93, 0.99]	0.10	[0.09, 0.12]	0.9383	[0.09, 0.12]
	0.50	0.30	0.70	0.30	0.10	0.30	0.99	[0.96, 1.01]	0.09	[0.07, 0.1]	0.9492	[0.07, 0.1]
	0.50	0.30	0.70	0.30	0.10	0.50	0.95	[0.91, 0.99]	0.10	[0.09, 0.12]	0.9480	[0.09, 0.12]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.50	0.30	0.70	0.30	0.30	0.10	0.87	[0.8, 0.94]	0.13	[0.09, 0.17]	0.9356	[0.09, 0.17]
0.50	0.30	0.70	0.30	0.30	0.30	0.93	[0.88, 0.99]	0.10	[0.07, 0.13]	0.9444	[0.07, 0.13]
0.50	0.30	0.70	0.30	0.30	0.50	0.91	[0.85, 0.97]	0.12	[0.09, 0.16]	0.9497	[0.09, 0.16]
0.50	0.30	0.70	0.30	0.50	0.10	0.88	[0.81, 0.95]	0.14	[0.09, 0.18]	0.9449	[0.09, 0.18]
0.50	0.30	0.70	0.30	0.50	0.30	0.93	[0.88, 0.99]	0.11	[0.08, 0.15]	0.9463	[0.08, 0.15]
0.50	0.30	0.70	0.30	0.50	0.50	0.88	[0.81, 0.95]	0.13	[0.08, 0.17]	0.9595	[0.08, 0.17]
0.50	0.30	0.70	0.50	0.10	0.10	0.91	[0.85, 0.97]	0.10	[0.07, 0.12]	0.9565	[0.07, 0.12]
0.50	0.30	0.70	0.50	0.10	0.30	0.98	[0.95, 1.01]	0.07	[0.05, 0.08]	0.9676	[0.05, 0.08]
0.50	0.30	0.70	0.50	0.10	0.50	0.91	[0.85, 0.97]	0.11	[0.08, 0.14]	0.9471	[0.08, 0.14]
0.50	0.30	0.70	0.50	0.30	0.10	0.80	[0.71, 0.89]	0.18	[0.13, 0.24]	0.9307	[0.13, 0.24]
0.50	0.30	0.70	0.50	0.30	0.30	0.89	[0.82, 0.96]	0.11	[0.07, 0.15]	0.9575	[0.07, 0.15]
0.50	0.30	0.70	0.50	0.30	0.50	0.88	[0.81, 0.95]	0.14	[0.09, 0.19]	0.9501	[0.09, 0.19]
0.50	0.30	0.70	0.50	0.50	0.10	0.87	[0.8, 0.95]	0.13	[0.09, 0.17]	0.9212	[0.09, 0.17]
0.50	0.30	0.70	0.50	0.50	0.30	0.85	[0.77, 0.93]	0.16	[0.11, 0.22]	0.9585	[0.11, 0.22]
0.50	0.30	0.70	0.50	0.50	0.50	0.84	[0.76, 0.92]	0.14	[0.09, 0.19]	0.9548	[0.09, 0.19]
0.50	0.30	0.70	0.70	0.10	0.10	0.92	[0.87, 0.98]	0.10	[0.06, 0.13]	0.9592	[0.06, 0.13]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
50	0.50	0.30	0.70	0.70	0.10	0.30	0.92	[0.86, 0.97]	0.09	[0.06, 0.12]	0.9615	[0.06, 0.12]
	0.50	0.30	0.70	0.70	0.10	0.50	0.95	[0.9, 1]	0.07	[0.05, 0.09]	0.9713	[0.05, 0.09]
	0.50	0.30	0.70	0.70	0.30	0.10	0.93	[0.88, 0.99]	0.10	[0.06, 0.14]	0.9552	[0.06, 0.14]
	0.50	0.30	0.70	0.70	0.30	0.30	0.89	[0.82, 0.96]	0.11	[0.06, 0.15]	0.9645	[0.06, 0.15]
	0.50	0.30	0.70	0.70	0.30	0.50	0.87	[0.79, 0.95]	0.11	[0.07, 0.16]	0.9519	[0.07, 0.16]
	0.50	0.30	0.70	0.70	0.50	0.10	0.76	[0.66, 0.85]	0.18	[0.12, 0.24]	0.9197	[0.12, 0.24]
	0.50	0.30	0.70	0.70	0.50	0.30	0.85	[0.77, 0.93]	0.14	[0.08, 0.19]	0.9468	[0.08, 0.19]
	0.50	0.30	0.70	0.70	0.50	0.50	0.75	[0.65, 0.85]	0.20	[0.13, 0.26]	0.9207	[0.13, 0.26]
	0.50	0.50	0.30	0.30	0.10	0.10	0.96	[0.93, 0.99]	0.10	[0.09, 0.11]	0.9073	[0.09, 0.11]
	0.50	0.50	0.30	0.30	0.10	0.30	0.99	[0.97, 1]	0.10	[0.09, 0.11]	0.9048	[0.09, 0.11]
	0.50	0.50	0.30	0.30	0.10	0.50	0.94	[0.9, 0.99]	0.10	[0.08, 0.11]	0.9131	[0.08, 0.11]
	0.50	0.50	0.30	0.30	0.30	0.10	0.92	[0.87, 0.97]	0.12	[0.1, 0.14]	0.8941	[0.1, 0.14]
	0.50	0.50	0.30	0.30	0.30	0.30	0.89	[0.83, 0.95]	0.12	[0.1, 0.14]	0.8908	[0.1, 0.14]
	0.50	0.50	0.30	0.30	0.30	0.50	0.90	[0.84, 0.96]	0.11	[0.08, 0.14]	0.9004	[0.08, 0.14]
	0.50	0.50	0.30	0.30	0.50	0.10	0.93	[0.87, 0.98]	0.11	[0.08, 0.13]	0.8988	[0.08, 0.13]
	0.50	0.50	0.30	0.30	0.50	0.30	0.91	[0.86, 0.97]	0.11	[0.09, 0.14]	0.9023	[0.09, 0.14]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
	0.50	0.50	0.30	0.30	0.50	0.50	0.97	[0.93, 1.01]	0.08	[0.06, 0.1]	0.9312	[0.06, 0.1]
	0.50	0.50	0.30	0.50	0.10	0.10	0.93	[0.89, 0.98]	0.10	[0.08, 0.12]	0.8999	[0.08, 0.12]
	0.50	0.50	0.30	0.50	0.10	0.30	0.95	[0.91, 0.99]	0.09	[0.08, 0.11]	0.9056	[0.08, 0.11]
	0.50	0.50	0.30	0.50	0.10	0.50	0.93	[0.87, 0.98]	0.11	[0.09, 0.13]	0.9087	[0.09, 0.13]
	0.50	0.50	0.30	0.50	0.30	0.10	0.86	[0.79, 0.94]	0.13	[0.1, 0.17]	0.9029	[0.1, 0.17]
	0.50	0.50	0.30	0.50	0.30	0.30	0.88	[0.81, 0.95]	0.13	[0.09, 0.16]	0.9017	[0.09, 0.16]
	0.50	0.50	0.30	0.50	0.30	0.50	0.87	[0.8, 0.94]	0.13	[0.1, 0.16]	0.8803	[0.1, 0.16]
	0.50	0.50	0.30	0.50	0.50	0.10	0.87	[0.8, 0.95]	0.13	[0.09, 0.17]	0.8803	[0.09, 0.17]
	0.50	0.50	0.30	0.50	0.50	0.30	0.90	[0.83, 0.97]	0.12	[0.08, 0.17]	0.9107	[0.08, 0.17]
	0.50	0.50	0.30	0.50	0.50	0.50	0.85	[0.77, 0.93]	0.14	[0.1, 0.18]	0.8827	[0.1, 0.18]
	0.50	0.50	0.30	0.70	0.10	0.10	0.96	[0.92, 1]	0.10	[0.08, 0.12]	0.9137	[0.08, 0.12]
	0.50	0.50	0.30	0.70	0.10	0.30	0.96	[0.93, 0.99]	0.08	[0.07, 0.1]	0.9169	[0.07, 0.1]
	0.50	0.50	0.30	0.70	0.10	0.50	0.94	[0.89, 0.99]	0.09	[0.07, 0.11]	0.9299	[0.07, 0.11]
	0.50	0.50	0.30	0.70	0.30	0.10	0.88	[0.81, 0.95]	0.12	[0.08, 0.15]	0.9069	[0.08, 0.15]
	0.50	0.50	0.30	0.70	0.30	0.30	0.88	[0.81, 0.95]	0.11	[0.07, 0.14]	0.9173	[0.07, 0.14]
	0.50	0.50	0.30	0.70	0.30	0.50	0.84	[0.76, 0.92]	0.14	[0.1, 0.18]	0.8892	[0.1, 0.18]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
S2	0.50	0.50	0.30	0.70	0.50	0.10	0.84	[0.76, 0.92]	0.12	[0.08, 0.17]	0.8963	[0.08, 0.17]
	0.50	0.50	0.30	0.70	0.50	0.30	0.77	[0.68, 0.87]	0.15	[0.1, 0.2]	0.8868	[0.1, 0.2]
	0.50	0.50	0.30	0.70	0.50	0.50	0.86	[0.78, 0.94]	0.13	[0.09, 0.17]	0.8947	[0.09, 0.17]
	0.50	0.50	0.50	0.30	0.10	0.10	0.98	[0.95, 1]	0.09	[0.08, 0.11]	0.9124	[0.08, 0.11]
	0.50	0.50	0.50	0.30	0.10	0.30	0.96	[0.92, 1]	0.10	[0.08, 0.11]	0.9103	[0.08, 0.11]
	0.50	0.50	0.50	0.30	0.10	0.50	0.99	[0.97, 1.01]	0.10	[0.09, 0.11]	0.8979	[0.09, 0.11]
	0.50	0.50	0.50	0.30	0.30	0.10	0.89	[0.83, 0.96]	0.12	[0.09, 0.15]	0.9056	[0.09, 0.15]
	0.50	0.50	0.50	0.30	0.30	0.30	0.90	[0.84, 0.96]	0.13	[0.1, 0.15]	0.8956	[0.1, 0.15]
	0.50	0.50	0.50	0.30	0.30	0.50	0.94	[0.89, 0.99]	0.11	[0.09, 0.13]	0.9045	[0.09, 0.13]
	0.50	0.50	0.50	0.30	0.50	0.10	0.91	[0.84, 0.97]	0.12	[0.08, 0.15]	0.9088	[0.08, 0.15]
	0.50	0.50	0.50	0.30	0.50	0.30	0.94	[0.9, 0.99]	0.10	[0.08, 0.13]	0.9205	[0.08, 0.13]
	0.50	0.50	0.50	0.30	0.50	0.50	0.94	[0.88, 0.99]	0.09	[0.07, 0.12]	0.9196	[0.07, 0.12]
	0.50	0.50	0.50	0.50	0.10	0.10	0.97	[0.93, 1]	0.09	[0.07, 0.1]	0.9200	[0.07, 0.1]
	0.50	0.50	0.50	0.50	0.10	0.30	0.96	[0.92, 1]	0.09	[0.07, 0.11]	0.9213	[0.07, 0.11]
	0.50	0.50	0.50	0.50	0.10	0.50	0.96	[0.92, 1]	0.09	[0.07, 0.11]	0.9097	[0.07, 0.11]
	0.50	0.50	0.50	0.50	0.30	0.10	0.94	[0.89, 0.99]	0.10	[0.07, 0.13]	0.9196	[0.07, 0.13]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
S	0.50	0.50	0.50	0.50	0.30	0.30	0.89	[0.83, 0.96]	0.12	[0.09, 0.15]	0.9007	[0.09, 0.15]
	0.50	0.50	0.50	0.50	0.30	0.50	0.94	[0.89, 0.99]	0.09	[0.06, 0.11]	0.9369	[0.06, 0.11]
	0.50	0.50	0.50	0.50	0.50	0.10	0.85	[0.76, 0.93]	0.15	[0.1, 0.2]	0.9141	[0.1, 0.2]
	0.50	0.50	0.50	0.50	0.50	0.30	0.89	[0.82, 0.96]	0.13	[0.09, 0.17]	0.9031	[0.09, 0.17]
	0.50	0.50	0.50	0.50	0.50	0.50	0.83	[0.75, 0.91]	0.13	[0.09, 0.17]	0.9051	[0.09, 0.17]
	0.50	0.50	0.50	0.70	0.10	0.10	0.95	[0.91, 1]	0.10	[0.08, 0.12]	0.9213	[0.08, 0.12]
	0.50	0.50	0.50	0.70	0.10	0.30	0.95	[0.91, 0.99]	0.10	[0.08, 0.12]	0.9051	[0.08, 0.12]
	0.50	0.50	0.50	0.70	0.10	0.50	0.95	[0.91, 1]	0.09	[0.07, 0.11]	0.9251	[0.07, 0.11]
	0.50	0.50	0.50	0.70	0.30	0.10	0.84	[0.76, 0.92]	0.15	[0.11, 0.19]	0.8929	[0.11, 0.19]
	0.50	0.50	0.50	0.70	0.30	0.30	0.84	[0.76, 0.93]	0.12	[0.09, 0.16]	0.9017	[0.09, 0.16]
	0.50	0.50	0.50	0.70	0.30	0.50	0.87	[0.79, 0.94]	0.12	[0.08, 0.16]	0.9039	[0.08, 0.16]
	0.50	0.50	0.50	0.70	0.50	0.10	0.79	[0.7, 0.88]	0.16	[0.11, 0.2]	0.8815	[0.11, 0.2]
	0.50	0.50	0.50	0.70	0.50	0.30	0.78	[0.69, 0.87]	0.17	[0.11, 0.22]	0.8943	[0.11, 0.22]
	0.50	0.50	0.50	0.70	0.50	0.50	0.77	[0.68, 0.87]	0.15	[0.11, 0.2]	0.8775	[0.11, 0.2]
	0.50	0.50	0.70	0.30	0.10	0.10	1.00	[0.99, 1]	0.09	[0.08, 0.1]	0.9247	[0.08, 0.1]
	0.50	0.50	0.70	0.30	0.10	0.30	0.96	[0.93, 0.99]	0.10	[0.08, 0.11]	0.9259	[0.08, 0.11]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. *(continued)*

p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
						M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
0.50	0.50	0.70	0.30	0.10	0.50	0.96	[0.92, 1]	0.10	[0.08, 0.11]	0.9085	[0.08, 0.11]
0.50	0.50	0.70	0.30	0.30	0.10	0.97	[0.94, 1.01]	0.09	[0.07, 0.11]	0.9313	[0.07, 0.11]
0.50	0.50	0.70	0.30	0.30	0.30	0.96	[0.92, 1]	0.10	[0.08, 0.12]	0.9180	[0.08, 0.12]
0.50	0.50	0.70	0.30	0.30	0.50	0.95	[0.9, 1]	0.11	[0.08, 0.13]	0.9316	[0.08, 0.13]
0.50	0.50	0.70	0.30	0.50	0.10	0.90	[0.84, 0.97]	0.12	[0.08, 0.15]	0.9033	[0.08, 0.15]
0.50	0.50	0.70	0.30	0.50	0.30	0.90	[0.83, 0.96]	0.12	[0.09, 0.16]	0.9221	[0.09, 0.16]
0.50	0.50	0.70	0.30	0.50	0.50	0.89	[0.83, 0.96]	0.13	[0.09, 0.16]	0.9135	[0.09, 0.16]
0.50	0.50	0.70	0.50	0.10	0.10	0.93	[0.88, 0.98]	0.11	[0.08, 0.14]	0.9160	[0.08, 0.14]
0.50	0.50	0.70	0.50	0.10	0.30	0.96	[0.92, 1]	0.10	[0.08, 0.11]	0.9160	[0.08, 0.11]
0.50	0.50	0.70	0.50	0.10	0.50	0.90	[0.84, 0.96]	0.11	[0.09, 0.14]	0.9101	[0.09, 0.14]
0.50	0.50	0.70	0.50	0.30	0.10	0.90	[0.83, 0.96]	0.11	[0.08, 0.15]	0.9112	[0.08, 0.15]
0.50	0.50	0.70	0.50	0.30	0.30	0.87	[0.8, 0.95]	0.14	[0.1, 0.17]	0.9104	[0.1, 0.17]
0.50	0.50	0.70	0.50	0.30	0.50	0.88	[0.8, 0.95]	0.12	[0.08, 0.16]	0.9132	[0.08, 0.16]
0.50	0.50	0.70	0.50	0.50	0.10	0.83	[0.74, 0.91]	0.14	[0.1, 0.18]	0.8993	[0.1, 0.18]
0.50	0.50	0.70	0.50	0.50	0.30	0.83	[0.75, 0.92]	0.13	[0.09, 0.18]	0.8968	[0.09, 0.18]
0.50	0.50	0.70	0.50	0.50	0.50	0.85	[0.77, 0.93]	0.12	[0.08, 0.16]	0.8852	[0.08, 0.16]

Table S2: The values of the outcome variables at the final time step when no intervention is implemented. (continued)

	p_c	r_{mean}	p_r	ϵ_{mean}	α	c_{mean}	P_U		P_I		P_A	
							M	95%CI [LL, UL]	M	95%CI [LL, UL]	M	95%CI [LL, UL]
55	0.50	0.50	0.70	0.70	0.10	0.10	0.92	[0.87, 0.98]	0.10	[0.08, 0.12]	0.9259	[0.08, 0.12]
	0.50	0.50	0.70	0.70	0.10	0.30	0.91	[0.86, 0.97]	0.11	[0.09, 0.14]	0.9077	[0.09, 0.14]
	0.50	0.50	0.70	0.70	0.10	0.50	0.92	[0.86, 0.98]	0.10	[0.07, 0.12]	0.9209	[0.07, 0.12]
	0.50	0.50	0.70	0.70	0.30	0.10	0.85	[0.77, 0.92]	0.14	[0.1, 0.18]	0.9040	[0.1, 0.18]
	0.50	0.50	0.70	0.70	0.30	0.30	0.87	[0.8, 0.95]	0.12	[0.09, 0.16]	0.9204	[0.09, 0.16]
	0.50	0.50	0.70	0.70	0.30	0.50	0.86	[0.78, 0.94]	0.12	[0.09, 0.16]	0.9123	[0.09, 0.16]
	0.50	0.50	0.70	0.70	0.50	0.10	0.86	[0.78, 0.94]	0.12	[0.08, 0.17]	0.9072	[0.08, 0.17]
	0.50	0.50	0.70	0.70	0.50	0.30	0.88	[0.81, 0.95]	0.11	[0.07, 0.16]	0.9245	[0.07, 0.16]
	0.50	0.50	0.70	0.70	0.50	0.50	0.83	[0.74, 0.91]	0.13	[0.08, 0.17]	0.9025	[0.08, 0.17]

Note. P_U and P_A denote the rate of underestimation and the rate of WWOH actions, respectively.

2 Effects of Interventions on Pluralistic Ignorance and WWOH Action

Table S3 (p.56-64) shows the parameter combinations that keep either the rate of underestimation or the rate of WWOH actions close to the empirical level at the final time step.

Table S3: Parameter combinations that sustain PI at the empirical level

p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U				P_A			
						M	SD	95%CI [LL, UL]	p	M	SD	95%CI [LL, UL]	p
<i>The 95% confidence intervals of P_U contain 0.8</i>													
0.30	0.30	0.70	0.50	0.30	0.30	0.87	0.30	[0.8, 0.94]	.321	0.71	0.21	[0.66, 0.76]	<.001
0.30	0.30	0.70	0.50	0.50	0.30	0.86	0.31	[0.79, 0.94]	.321	0.83	0.15	[0.79, 0.86]	<.001
0.30	0.30	0.70	0.50	0.50	0.50	0.87	0.33	[0.79, 0.94]	.321	0.88	0.14	[0.85, 0.91]	<.001
0.30	0.50	0.30	0.50	0.10	0.10	0.84	0.36	[0.76, 0.93]	.465	0.68	0.22	[0.63, 0.73]	<.001
0.30	0.50	0.30	0.50	0.10	0.30	0.87	0.32	[0.8, 0.94]	.321	0.92	0.11	[0.89, 0.94]	<.001
0.30	0.50	0.30	0.50	0.30	0.30	0.85	0.35	[0.77, 0.93]	.402	0.90	0.13	[0.87, 0.93]	<.001
0.30	0.50	0.50	0.30	0.10	0.30	0.82	0.37	[0.74, 0.91]	.706	0.90	0.12	[0.87, 0.92]	<.001
0.30	0.50	0.50	0.30	0.10	0.50	0.86	0.34	[0.78, 0.94]	.338	0.90	0.09	[0.88, 0.92]	<.001
0.30	0.50	0.50	0.50	0.10	0.10	0.85	0.35	[0.77, 0.93]	.403	0.70	0.27	[0.64, 0.76]	<.001
0.30	0.50	0.50	0.50	0.10	0.30	0.84	0.35	[0.76, 0.92]	.547	0.89	0.16	[0.85, 0.92]	<.001
0.30	0.50	0.50	0.50	0.10	0.50	0.87	0.33	[0.79, 0.95]	.321	0.88	0.15	[0.85, 0.92]	<.001
0.30	0.50	0.50	0.50	0.30	0.10	0.81	0.39	[0.72, 0.9]	.963	0.79	0.20	[0.74, 0.83]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U			p	P_A			
							M	SD	95%CI [LL, UL]		M	SD	95%CI [LL, UL]	p
57	0.30	0.50	0.50	0.50	0.30	0.30	0.87	0.33	[0.79, 0.94]	.321	0.94	0.10	[0.92, 0.96]	<.001
	0.30	0.50	0.50	0.50	0.50	0.10	0.80	0.39	[0.71, 0.89]	.982	0.84	0.19	[0.79, 0.88]	<.001
	0.30	0.50	0.50	0.50	0.50	0.30	0.87	0.32	[0.8, 0.95]	.321	0.95	0.07	[0.93, 0.96]	<.001
	0.30	0.50	0.50	0.50	0.50	0.50	0.85	0.34	[0.77, 0.93]	.383	0.88	0.14	[0.85, 0.92]	<.001
	0.30	0.50	0.70	0.30	0.10	0.10	0.85	0.35	[0.77, 0.93]	.383	0.71	0.22	[0.66, 0.76]	<.001
	0.30	0.50	0.70	0.30	0.10	0.30	0.79	0.39	[0.7, 0.88]	.913	0.90	0.11	[0.88, 0.93]	<.001
	0.30	0.50	0.70	0.30	0.30	0.30	0.85	0.34	[0.77, 0.93]	.383	0.92	0.11	[0.9, 0.94]	<.001
	0.30	0.50	0.70	0.30	0.50	0.10	0.86	0.33	[0.78, 0.93]	.343	0.86	0.16	[0.82, 0.9]	<.001
	0.30	0.50	0.70	0.30	0.50	0.30	0.86	0.33	[0.79, 0.94]	.321	0.94	0.08	[0.92, 0.95]	<.001
	0.30	0.50	0.70	0.30	0.50	0.50	0.84	0.36	[0.76, 0.93]	.469	0.89	0.13	[0.86, 0.92]	<.001
	0.30	0.50	0.70	0.50	0.10	0.30	0.87	0.32	[0.8, 0.95]	.321	0.92	0.11	[0.9, 0.95]	<.001
	0.30	0.50	0.70	0.50	0.10	0.50	0.84	0.36	[0.76, 0.93]	.459	0.90	0.15	[0.86, 0.93]	<.001
	0.30	0.50	0.70	0.50	0.30	0.30	0.81	0.38	[0.72, 0.9]	.908	0.89	0.13	[0.86, 0.92]	<.001
	0.30	0.50	0.70	0.50	0.30	0.50	0.77	0.42	[0.68, 0.87]	.710	0.89	0.16	[0.85, 0.92]	<.001
	0.30	0.50	0.70	0.50	0.50	0.10	0.86	0.33	[0.78, 0.93]	.343	0.86	0.18	[0.82, 0.9]	<.001
	0.30	0.50	0.70	0.50	0.50	0.50	0.86	0.34	[0.78, 0.94]	.350	0.89	0.14	[0.86, 0.93]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U			p	P_A			
							M	SD	95%CI [LL, UL]		M	SD	95%CI [LL, UL]	p
58	0.50	0.30	0.50	0.30	0.30	0.50	0.87	0.32	[0.79, 0.94]	.321	0.87	0.12	[0.84, 0.9]	<.001
	0.50	0.30	0.50	0.50	0.30	0.50	0.86	0.33	[0.79, 0.94]	.321	0.87	0.15	[0.83, 0.9]	<.001
	0.50	0.30	0.70	0.30	0.50	0.30	0.84	0.34	[0.76, 0.92]	.459	0.84	0.16	[0.8, 0.88]	<.001
	0.50	0.30	0.70	0.30	0.50	0.50	0.87	0.31	[0.8, 0.94]	.321	0.88	0.10	[0.86, 0.91]	<.001
	0.50	0.30	0.70	0.50	0.10	0.50	0.86	0.34	[0.78, 0.94]	.344	0.86	0.18	[0.81, 0.9]	<.001
	0.50	0.30	0.70	0.50	0.50	0.10	0.87	0.33	[0.79, 0.94]	.321	0.30	0.20	[0.25, 0.34]	<.001
	0.50	0.30	0.70	0.50	0.50	0.30	0.86	0.33	[0.79, 0.94]	.321	0.85	0.19	[0.81, 0.89]	<.001
	0.50	0.30	0.70	0.50	0.50	0.50	0.85	0.35	[0.77, 0.93]	.396	0.87	0.16	[0.83, 0.91]	<.001
	0.50	0.50	0.30	0.50	0.30	0.30	0.85	0.35	[0.77, 0.93]	.393	0.95	0.08	[0.93, 0.97]	<.001
	0.50	0.50	0.30	0.50	0.50	0.30	0.86	0.34	[0.78, 0.94]	.355	0.94	0.08	[0.92, 0.96]	<.001
	0.50	0.50	0.50	0.30	0.10	0.30	0.86	0.33	[0.79, 0.94]	.321	0.93	0.12	[0.91, 0.96]	<.001
	0.50	0.50	0.50	0.30	0.30	0.30	0.80	0.39	[0.71, 0.89]	.995	0.92	0.14	[0.89, 0.95]	<.001
	0.50	0.50	0.50	0.50	0.10	0.10	0.87	0.34	[0.79, 0.94]	.321	0.77	0.27	[0.7, 0.83]	<.001
	0.50	0.50	0.50	0.50	0.10	0.50	0.85	0.36	[0.76, 0.93]	.447	0.91	0.11	[0.89, 0.94]	<.001
	0.50	0.50	0.50	0.50	0.30	0.30	0.85	0.36	[0.76, 0.93]	.447	0.94	0.10	[0.92, 0.96]	<.001
	0.50	0.50	0.50	0.50	0.50	0.10	0.87	0.33	[0.8, 0.95]	.321	0.88	0.16	[0.84, 0.92]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U				P_A			
							M	SD	95%CI [LL, UL]	p	M	SD	95%CI [LL, UL]	p
59	0.50	0.50	0.50	0.50	0.50	0.30	0.87	0.32	[0.8, 0.94]	.321	0.94	0.13	[0.91, 0.97]	<.001
	0.50	0.50	0.50	0.50	0.50	0.50	0.83	0.35	[0.75, 0.91]	.582	0.91	0.12	[0.88, 0.93]	<.001
	0.50	0.50	0.70	0.30	0.10	0.10	0.81	0.39	[0.72, 0.9]	.875	0.74	0.29	[0.67, 0.8]	<.001
	0.50	0.50	0.70	0.30	0.10	0.30	0.79	0.40	[0.7, 0.89]	.963	0.92	0.10	[0.9, 0.95]	<.001
	0.50	0.50	0.70	0.30	0.10	0.50	0.84	0.36	[0.76, 0.92]	.513	0.89	0.11	[0.87, 0.92]	<.001
	0.50	0.50	0.70	0.30	0.30	0.30	0.87	0.33	[0.8, 0.95]	.321	0.94	0.11	[0.91, 0.96]	<.001
	0.50	0.50	0.70	0.30	0.30	0.50	0.84	0.36	[0.76, 0.93]	.459	0.90	0.13	[0.87, 0.93]	<.001
	0.50	0.50	0.70	0.30	0.50	0.10	0.80	0.37	[0.72, 0.88]	.995	0.84	0.19	[0.8, 0.89]	<.001
	0.50	0.50	0.70	0.30	0.50	0.30	0.82	0.37	[0.74, 0.91]	.715	0.94	0.10	[0.92, 0.96]	<.001
	0.50	0.50	0.70	0.30	0.50	0.50	0.87	0.32	[0.79, 0.94]	.321	0.90	0.12	[0.88, 0.93]	<.001
	0.50	0.50	0.70	0.50	0.10	0.10	0.82	0.37	[0.74, 0.91]	.710	0.70	0.28	[0.63, 0.76]	<.001
	0.50	0.50	0.70	0.50	0.10	0.30	0.81	0.39	[0.72, 0.89]	.963	0.91	0.19	[0.86, 0.95]	<.001
	0.50	0.50	0.70	0.50	0.10	0.50	0.79	0.40	[0.7, 0.89]	.963	0.88	0.16	[0.84, 0.92]	<.001
	0.50	0.50	0.70	0.50	0.30	0.10	0.83	0.37	[0.74, 0.91]	.703	0.79	0.26	[0.73, 0.85]	<.001
	0.50	0.50	0.70	0.50	0.30	0.50	0.78	0.41	[0.68, 0.87]	.782	0.89	0.15	[0.86, 0.93]	<.001
	0.50	0.50	0.70	0.50	0.50	0.10	0.83	0.37	[0.74, 0.91]	.706	0.89	0.17	[0.85, 0.93]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U			p	P_A			
							M	SD	95%CI [LL, UL]		M	SD	95%CI [LL, UL]	p
60	0.50	0.50	0.70	0.50	0.50	0.30	0.81	0.39	[0.72, 0.9]	.875	0.96	0.09	[0.94, 0.98]	<.001
	0.50	0.50	0.70	0.50	0.50	0.50	0.77	0.42	[0.68, 0.87]	.706	0.88	0.17	[0.84, 0.92]	<.001
	0.70	0.30	0.30	0.50	0.50	0.50	0.86	0.32	[0.79, 0.93]	.321	0.89	0.11	[0.87, 0.92]	<.001
	0.70	0.30	0.50	0.50	0.30	0.30	0.85	0.34	[0.78, 0.93]	.383	0.79	0.22	[0.74, 0.84]	<.001
	0.70	0.30	0.50	0.50	0.30	0.50	0.86	0.33	[0.78, 0.93]	.355	0.91	0.11	[0.88, 0.93]	<.001
	0.70	0.30	0.50	0.50	0.50	0.30	0.86	0.34	[0.78, 0.93]	.366	0.87	0.17	[0.83, 0.91]	<.001
	0.70	0.30	0.70	0.30	0.30	0.30	0.85	0.33	[0.78, 0.93]	.383	0.78	0.21	[0.73, 0.83]	<.001
	0.70	0.30	0.70	0.30	0.30	0.50	0.86	0.33	[0.79, 0.94]	.332	0.87	0.15	[0.84, 0.91]	<.001
	0.70	0.30	0.70	0.50	0.30	0.30	0.87	0.33	[0.79, 0.95]	.321	0.78	0.26	[0.72, 0.84]	<.001
	0.70	0.30	0.70	0.50	0.30	0.50	0.86	0.33	[0.79, 0.94]	.321	0.89	0.12	[0.87, 0.92]	<.001
	0.70	0.30	0.70	0.50	0.50	0.30	0.84	0.36	[0.75, 0.92]	.554	0.87	0.16	[0.83, 0.91]	<.001
	0.70	0.30	0.70	0.50	0.50	0.50	0.87	0.34	[0.79, 0.95]	.321	0.90	0.15	[0.87, 0.94]	<.001
	0.70	0.50	0.30	0.30	0.10	0.30	0.87	0.32	[0.79, 0.94]	.321	0.94	0.08	[0.92, 0.96]	<.001
	0.70	0.50	0.30	0.50	0.10	0.10	0.87	0.33	[0.79, 0.94]	.321	0.73	0.27	[0.67, 0.79]	<.001
	0.70	0.50	0.50	0.30	0.10	0.30	0.80	0.40	[0.71, 0.89]	.982	0.93	0.09	[0.91, 0.95]	<.001
	0.70	0.50	0.50	0.30	0.30	0.50	0.87	0.33	[0.79, 0.95]	.321	0.91	0.08	[0.89, 0.93]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U			p	P_A			
							M	SD	95%CI [LL, UL]		M	SD	95%CI [LL, UL]	p
19	0.70	0.50	0.50	0.30	0.50	0.10	0.86	0.33	[0.78, 0.94]	.338	0.85	0.20	[0.81, 0.9]	<.001
	0.70	0.50	0.50	0.50	0.10	0.10	0.87	0.34	[0.79, 0.94]	.321	0.73	0.28	[0.66, 0.79]	<.001
	0.70	0.50	0.50	0.50	0.10	0.30	0.87	0.33	[0.8, 0.95]	.321	0.92	0.14	[0.89, 0.95]	<.001
	0.70	0.50	0.50	0.50	0.10	0.50	0.83	0.37	[0.74, 0.91]	.706	0.90	0.13	[0.87, 0.93]	<.001
	0.70	0.50	0.50	0.50	0.30	0.30	0.85	0.36	[0.77, 0.93]	.383	0.96	0.08	[0.94, 0.98]	<.001
	0.70	0.50	0.50	0.50	0.30	0.50	0.83	0.37	[0.75, 0.92]	.604	0.90	0.15	[0.86, 0.93]	<.001
	0.70	0.50	0.50	0.50	0.50	0.30	0.84	0.36	[0.75, 0.92]	.553	0.95	0.08	[0.94, 0.97]	<.001
	0.70	0.50	0.50	0.50	0.50	0.50	0.85	0.36	[0.77, 0.94]	.383	0.89	0.16	[0.85, 0.92]	<.001
	0.70	0.50	0.70	0.30	0.10	0.50	0.85	0.34	[0.77, 0.92]	.439	0.90	0.12	[0.88, 0.93]	<.001
	0.70	0.50	0.70	0.30	0.30	0.10	0.86	0.35	[0.78, 0.94]	.383	0.84	0.20	[0.79, 0.88]	<.001
	0.70	0.50	0.70	0.30	0.30	0.50	0.87	0.33	[0.8, 0.95]	.321	0.92	0.09	[0.9, 0.94]	<.001
	0.70	0.50	0.70	0.30	0.50	0.10	0.80	0.39	[0.71, 0.89]	.982	0.90	0.17	[0.86, 0.94]	<.001
	0.70	0.50	0.70	0.30	0.50	0.30	0.87	0.34	[0.79, 0.95]	.321	0.95	0.12	[0.92, 0.98]	<.001
	0.70	0.50	0.70	0.30	0.50	0.50	0.86	0.34	[0.78, 0.94]	.343	0.91	0.09	[0.89, 0.93]	<.001
	0.70	0.50	0.70	0.50	0.10	0.10	0.80	0.39	[0.71, 0.89]	.982	0.69	0.33	[0.61, 0.76]	<.001
	0.70	0.50	0.70	0.50	0.10	0.30	0.76	0.42	[0.66, 0.86]	.554	0.92	0.12	[0.89, 0.95]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U				P_A			
							M	SD	95%CI [LL, UL]	p	M	SD	95%CI [LL, UL]	p
8	0.70	0.50	0.70	0.50	0.10	0.50	0.86	0.35	[0.77, 0.94]	.383	0.91	0.15	[0.87, 0.94]	<.001
	0.70	0.50	0.70	0.50	0.30	0.30	0.85	0.35	[0.77, 0.94]	.383	0.95	0.11	[0.92, 0.97]	<.001
	0.70	0.50	0.70	0.50	0.50	0.10	0.82	0.37	[0.73, 0.91]	.756	0.88	0.20	[0.83, 0.92]	<.001
	0.70	0.50	0.70	0.50	0.50	0.30	0.75	0.44	[0.65, 0.85]	.459	0.92	0.15	[0.89, 0.96]	<.001
	0.70	0.50	0.70	0.50	0.50	0.50	0.83	0.38	[0.74, 0.92]	.696	0.90	0.15	[0.87, 0.94]	<.001
	<i>The 95% confidence intervals of P_A contain 0.05</i>													
	0.30	0.30	0.50	0.10	0.10	0.10	1.00	0.010	[1, 1]	<.001	0.06	0.07	[0.05, 0.08]	<.001
	0.30	0.30	0.50	0.30	0.10	0.10	0.96	0.184	[0.92, 1]	<.001	0.05	0.06	[0.04, 0.06]	<.001
	0.30	0.30	0.70	0.10	0.10	0.10	1.00	0.005	[1, 1]	<.001	0.06	0.06	[0.04, 0.07]	<.001
	0.30	0.30	0.70	0.30	0.10	0.10	0.97	0.163	[0.93, 1.01]	<.001	0.06	0.07	[0.04, 0.08]	<.001
	0.30	0.30	0.70	0.50	0.10	0.10	0.89	0.307	[0.82, 0.96]	<.001	0.07	0.08	[0.05, 0.08]	<.001
	0.50	0.10	0.30	0.10	0.50	0.10	1.00	0.009	[1, 1]	<.001	0.06	0.07	[0.05, 0.08]	<.001
	0.50	0.10	0.30	0.30	0.50	0.10	1.00	0.003	[1, 1]	<.001	0.05	0.06	[0.03, 0.06]	<.001
	0.50	0.10	0.30	0.50	0.50	0.10	1.00	0.004	[1, 1]	<.001	0.06	0.09	[0.04, 0.08]	<.001
	0.50	0.10	0.50	0.10	0.50	0.10	1.00	0.003	[1, 1]	<.001	0.05	0.07	[0.04, 0.07]	<.001
	0.50	0.10	0.50	0.30	0.50	0.10	1	0.000	–	–	0.06	0.09	[0.04, 0.08]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

	p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U				P_A			
							M	SD	95%CI [LL, UL]	p	M	SD	95%CI [LL, UL]	p
63	0.50	0.10	0.50	0.50	0.50	0.10	1.00	0.006	[1, 1]	<.001	0.05	0.06	[0.03, 0.06]	<.001
	0.50	0.10	0.70	0.10	0.50	0.10	1.00	0.005	[1, 1]	<.001	0.06	0.07	[0.04, 0.08]	<.001
	0.50	0.10	0.70	0.50	0.50	0.10	0.97	0.162	[0.93, 1.01]	<.001	0.05	0.07	[0.03, 0.06]	<.001
	0.50	0.30	0.30	0.10	0.10	0.10	1	0.000	–	–	0.04	0.06	[0.02, 0.05]	<.001
	0.50	0.30	0.30	0.30	0.10	0.10	1.00	0.003	[1, 1]	<.001	0.04	0.06	[0.03, 0.06]	<.001
	0.50	0.30	0.30	0.50	0.10	0.10	1.00	0.005	[1, 1]	<.001	0.04	0.07	[0.03, 0.06]	<.001
	0.50	0.30	0.50	0.10	0.10	0.10	1	0.000	–	–	0.04	0.06	[0.03, 0.06]	<.001
	0.50	0.30	0.50	0.30	0.10	0.10	0.95	0.225	[0.89, 1]	<.001	0.04	0.06	[0.03, 0.06]	<.001
	0.50	0.30	0.50	0.50	0.10	0.10	0.94	0.226	[0.89, 1]	<.001	0.04	0.07	[0.03, 0.06]	<.001
	0.50	0.30	0.70	0.10	0.10	0.10	1	0.000	–	–	0.04	0.06	[0.03, 0.06]	<.001
	0.50	0.30	0.70	0.30	0.10	0.10	0.97	0.164	[0.93, 1.01]	<.001	0.04	0.06	[0.03, 0.05]	<.001
	0.50	0.30	0.70	0.50	0.10	0.10	0.92	0.273	[0.86, 0.98]	<.001	0.04	0.06	[0.03, 0.05]	<.001
	0.70	0.10	0.30	0.10	0.50	0.10	1.00	0.004	[1, 1]	<.001	0.04	0.05	[0.03, 0.05]	<.001
	0.70	0.10	0.30	0.50	0.50	0.10	1.00	0.002	[1, 1]	<.001	0.06	0.08	[0.04, 0.07]	<.001
	0.70	0.10	0.50	0.10	0.50	0.10	1	0.000	–	–	0.04	0.07	[0.03, 0.06]	<.001
	0.70	0.10	0.70	0.10	0.50	0.10	1.00	0.001	[1, 1]	<.001	0.05	0.08	[0.03, 0.07]	<.001

Table S3: Parameter combinations that sustain PI at the empirical level (*continued*)

p_r	p_c	ϵ_{mean}	α	c_{mean}	r_{mean}	P_U				P_A			
						M	SD	95%CI [LL, UL]	p	M	SD	95%CI [LL, UL]	p
0.70	0.10	0.70	0.30	0.50	0.10	1.00	0.017	[0.99, 1]	<.001	0.04	0.07	[0.03, 0.06]	<.001
0.70	0.10	0.70	0.50	0.50	0.10	1.00	0.001	[1, 1]	<.001	0.06	0.08	[0.04, 0.08]	<.001
0.70	0.30	0.30	0.10	0.10	0.10	1	0.000	–	–	0.04	0.06	[0.03, 0.06]	<.001
0.70	0.30	0.30	0.30	0.10	0.10	0.97	0.162	[0.93, 1.01]	<.001	0.04	0.06	[0.02, 0.05]	<.001
0.70	0.30	0.50	0.50	0.10	0.10	0.91	0.285	[0.84, 0.97]	<.001	0.04	0.06	[0.03, 0.06]	<.001
0.70	0.30	0.70	0.50	0.10	0.10	0.91	0.292	[0.84, 0.97]	<.001	0.04	0.07	[0.02, 0.05]	<.001

Note. P_U and P_A denote the rate of underestimation and the rate of WWOH actions, respectively. The values of P_U are tested against the null hypothesis $P_U = 0.8$, and the values of P_A are tested against the null hypothesis $P_A = 0.05$. The p values are adjusted for multiple comparison using the methods of Benjamini, Hochberg, and Yekutieli (1995, 2001).