

Supplementary Material

Table 1

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Pathogen Disgust and homonegativity towards gay men moderated by Perceived Infectability, Germ Aversion and Perceived Threat of Covid-19

	Gay men homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% CI*	
					<i>LL</i>	<i>UL</i>
Pathogen Disgust (X)	0.10	0.17	0.59	0.559	-0.235	0.433
Perceived Infectability (W)	-0.02	0.24	-0.07	0.944	-0.480	0.447
PathogenDisgust × PI (XW)	-0.01	0.04	-0.32	0.750	-0.099	0.072
Sex	0.54	0.10	5.52	< 0.001	0.349	0.734
Age	-0.00	0.00	-0.84	0.401	-0.013	0.005
Education	0.27	0.09	3.06	0.002	0.096	0.440
$F(6, 489) = 8.25, p < 0.001, R^2 = 0.09$						
Pathogen Disgust (X)	0.04	0.18	0.23	0.820	-0.657	3.139
Germ Aversion (W)	0.09	0.21	0.42	0.672	-0.329	0.510
Pathogen Disgust × GA (XW)	-0.01	0.04	-0.18	0.622	-0.086	0.071
Sex	0.59	0.10	6.02	< 0.001	0.397	0.782
Age	-0.00	0.00	-0.88	0.378	-0.014	0.005
Education	0.25	0.09	2.83	0.005	0.076	0.421
$F(6, 489) = 7.28, p < 0.001, R^2 = 0.08$						
Pathogen Disgust (X)	0.23	0.20	1.10	0.272	-0.177	0.628
PT Covid-19 (W)	0.13	0.27	0.49	0.623	-0.392	0.654
Pathogen Disgust × PT Covid-19 (XW)	-0.04	0.05	-0.86	0.389	-0.140	0.055
Sex	0.54	0.10	5.44	<0.001	0.342	0.729
Age	-0.00	0.00	-0.72	0.747	-0.013	0.006
Education	0.26	0.09	3.00	0.002	0.091	0.334
$F(6, 489) = 6.98, p < 0.001, R^2 = 0.07$						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Table 2

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Pathogen Disgust and homonegativity toward lesbians moderated by Perceived Infectability, Germ Aversion and Perceived Threat of Covid-19

	Lesbians homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% CI*	
					<i>LL</i>	<i>UL</i>
Pathogen Disgust (X)	0.11	0.17	0.66	0.509	-0.225	0.453
Perceived Infectability (W)	-0.04	0.24	-0.16	0.875	-0.509	0.433
Pathogen Disgust × PI (XW)	-0.01	0.04	-0.22	0.827	-0.096	0.077
Sex	0.54	0.10	5.41	< 0.001	0.341	0.734
Age	-0.01	0.00	-1.19	0.234	-0.015	0.004
Education	0.25	0.09	2.83	0.005	0.077	0.427
<i>F</i> (6, 489) = 7.69, <i>p</i> < 0.001, <i>R</i> ² = 0.09						
Pathogen Disgust (X)	0.04	0.18	0.20	0.841	-0.322	0.395
Germ Aversion (W)	0.03	0.22	0.16	0.873	-0.392	0.461
Pathogen Disgust × GA (XW)	0.00	0.04	0.04	0.966	-0.078	0.081
Sex	0.58	0.10	5.85	< 0.001	0.387	0.778
Age	-0.01	0.00	-1.21	0.227	-0.016	0.004
Education	0.23	0.09	2.62	0.009	0.059	0.409
<i>F</i> (6, 489) = 6.70, <i>p</i> < 0.001, <i>R</i> ² = 0.08						
Pathogen Disgust (X)	0.31	1.13	0.48	0.633	-1.682	2.765
PT Covid-19 (W)	0.20	0.27	0.75	0.454	-0.329	0.735
Pathogen Disgust × PT Covid-19 (XW)	-0.06	0.05	-1.10	0.273	-0.154	0.044
Sex	0.53	0.10	5.33	< 0.001	0.337	0.729
Age	-0.01	0.00	-1.10	0.270	-0.015	0.004
Education	0.25	0.09	2.78	0.006	0.073	0.422
<i>F</i> (6, 489) = 7.53, <i>p</i> < 0.001, <i>R</i> ² = 0.08						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Table 3

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Moral Disgust and homonegativity towards gay men moderated by Perceived Infectability, Germ Aversion and Perceived Threat of Covid-19

	Gay men homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% <i>CI</i> *	
					<i>LL</i>	<i>UL</i>
Moral Disgust (X)	0.12	0.12	0.94	0.350	-0.128	0.360
Perceived Infectability (W)	0.02	0.17	0.14	0.887	-0.306	0.354
Moral Disgust × PI (XW)	-0.02	0.03	-0.68	0.498	-0.082	0.040
Sex	0.54	0.10	5.52	< 0.001	0.346	0.729
Age	-0.00	0.01	-1.03	0.304	-0.014	0.004
Education	0.26	0.09	3.01	0.003	0.092	0.435
$F(6, 489) = 8.27, p < 0.001, R^2 = 0.09$						
Moral Disgust (X)	0.20	0.19	1.13	0.260	-0.148	0.553
Germ Aversion (W)	0.25	0.21	1.21	0.227	-0.159	0.667
Moral Disgust × GA (XW)	-0.04	0.04	-0.96	0.338	-0.112	0.039
Sex	0.59	0.10	6.07	< 0.001	0.402	0.787
Age	-0.00	0.00	-0.99	0.321	-0.014	0.005
Education	0.25	0.09	2.85	0.005	0.078	0.424
$F(6, 489) = 7.60, p < 0.001, R^2 = 0.09$						
Moral Disgust (X)	0.16	0.17	0.95	0.342	-0.170	0.489
PT Covid-19 (W)	0.06	0.21	0.31	0.756	-0.342	0.470
Moral Disgust × PT Covid-19 (XW)	-0.03	0.04	-0.75	0.452	-0.106	0.047
Sex	0.53	0.10	5.40	< 0.001	0.338	0.725
Age	-0.00	0.00	-0.87	0.387	-0.013	0.005
Education	0.26	0.09	2.93	0.003	0.085	0.429
$F(6, 489) = 7.93, p < 0.001, R^2 = 0.09$						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Table 4

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Moral Disgust and homonegativity towards lesbians moderated by Perceived Infectability, Germ Aversion and Perceived Threat of Covid-19

	Lesbians homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% <i>CI</i> *	
					<i>LL</i>	<i>UL</i>
Moral Disgust (X)	0.15	0.13	1.15	0.249	-0.102	0.394
Perceived Infectability (W)	0.04	0.17	0.25	0.807	-0.294	0.377
Moral Disgust × PI (XW)	-0.02	0.03	-0.75	0.453	-0.086	0.038
Sex	0.53	0.10	5.35	< 0.001	0.336	0.725
Age	-0.01	0.00	-1.51	0.133	-0.017	0.002
Education	0.25	0.09	2.76	0.006	0.071	0.420
$F(6, 489) = 7.61, p < 0.001, R^2 = 0.09$						
Moral Disgust (X)	0.21	0.18	1.14	0.257	-0.150	0.562
Germ Aversion (W)	0.24	0.21	1.12	0.265	-0.181	0.658
Moral Disgust × GA (XW)	-0.03	0.04	-0.85	0.394	-0.110	0.043
Sex	0.59	0.10	5.89	< 0.001	0.391	0.782
Age	-0.01	0.00	-1.48	0.141	-0.017	0.002
Education	0.23	0.09	2.59	0.010	0.056	0.407
$F(6,489) = 7.05, p < 0.001, R^2 = 0.08$						
Moral Disgust (X)	0.20	0.17	1.19	0.238	-0.133	0.538
PT Covid-19 (W)	0.10	0.21	0.49	0.623	-0.309	0.516
Moral Disgust × PT Covid-19 (XW)	-0.03	0.04	-0.88	0.378	-0.113	0.043
Sex	0.53	0.10	5.26	< 0.001	0.330	0.724
Age	-0.00	0.01	-0.47	0.637	-0.012	0.007
Education	0.24	0.09	2.68	0.008	0.064	0.413
$F(6, 489) = 7.23, p < 0.001, R^2 = 0.08$						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Table 5

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Sexual Disgust and homonegativity towards gay men moderated by Perceived Infectability, Germ Aversion and Perceived threat of Covid-19

	Gay men homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% <i>CI</i> *	
					<i>LL</i>	<i>UL</i>
Sexual Disgust (X)	0.06	0.11	0.54	0.592	-0.151	0.265
Perceived Infectability (W)	-0.32	0.10	-3.20	0.001	-0.511	-0.123
Sexual Disgust × PI (XW)	0.06	0.03	2.27	0.024	0.008	0.114
Sex	0.78	0.09	8.35	< 0.001	0.596	0.963
Age	-0.00	0.00	-0.15	0.884	-0.009	0.008
Education	0.19	0.08	2.37	0.018	0.033	0.351
$F(6, 489) = 24.91, p < 0.001, R^2 = 0.23$						
Sexual Disgust (X)	0.11	0.14	0.82	0.049	-0.158	0.382
Germ Aversion (W)	-0.13	0.11	-1.17	0.243	-0.341	0.086
Sexual Disgust × GA (XW)	0.04	0.03	1.26	0.209	-0.021	0.094
Sex	0.80	0.10	8.46	< 0.001	0.617	0.990
Age	0.00	0.00	-0.00	0.999	-0.009	0.009
Education	0.17	0.08	2.06	0.040	0.008	0.330
$F(6, 489) = 21.53, p < 0.001, R^2 = 0.21$						
Sexual Disgust (X)	0.11	0.13	0.88	0.379	-0.142	0.373
PT Covid-19 (W)	-0.25	0.11	-2.26	0.024	-0.473	-0.033
Sexual Disgust × PT Covid-19 (XW)	0.04	0.03	1.35	0.177	-0.019	0.101
Sex	0.76	0.09	8.00	< 0.001	0.573	0.946
Age	0.00	0.00	0.09	0.928	-0.008	0.009
Education	0.17	0.08	2.14	0.033	0.014	0.333
$F(6, 489) = 23.41, p < 0.001, R^2 = 0.22$						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Table 6

Indirect effects and confidence intervals of the Moderation Analysis of the relationship between Sexual Disgust and homonegativity towards lesbians moderated by Perceived Infectability, Germ Aversion and Perceived threat of Covid-19

	Lesbians homonegativity					
	<i>b</i>	<i>SE</i>	<i>t</i>	<i>p</i>	95% <i>CI</i> *	
					<i>LL</i>	<i>UL</i>
Sexual Disgust (X)	0.08	0.11	0.73	0.469	-0.134	0.290
Perceived Infectability (W)	-0.30	0.10	-2.97	0.003	-0.496	-0.101
Sexual Disgust × PI (XW)	0.06	0.03	2.08	0.038	0.003	0.110
Sex	0.78	0.10	8.18	< 0.001	0.591	0.965
Age	-0.00	0.00	-0.59	0.552	-0.011	0.006
Education	0.18	0.08	2.10	0.037	0.011	0.335
<i>F</i> (6, 489) = 23.42, <i>p</i> < 0.001, <i>R</i> ² = 0.22						
Sexual Disgust (X)	0.13	0.14	0.95	0.342	-0.142	0.407
Germ Aversion (W)	-0.11	0.11	-1.03	0.303	-0.331	0.103
Sexual Disgust × GA (XW)	0.03	0.03	1.13	0.260	-0.025	0.092
Sex	0.80	0.10	8.30	< 0.001	0.612	0.991
Age	-0.00	0.00	-0.45	0.650	-0.011	0.007
Education	0.15	0.08	1.81	0.070	-0.013	0.315
<i>F</i> (6, 489) = 20.73, <i>p</i> < 0.001, <i>R</i> ² = 0.20						
Sexual Disgust (X)	0.11	0.13	0.85	0.399	-0.149	0.375
PT Covid-19 (W)	-0.25	0.11	-2.19	0.029	-0.474	-0.026
Sexual Disgust × PT Covid-19 (XW)	0.04	0.03	1.39	0.166	-0.018	0.104
Sex	0.76	0.10	7.86	< 0.001	0.570	0.950
Age	-0.00	0.00	-0.39	0.700	-0.011	0.007
Education	0.16	0.08	1.88	0.060	-0.007	0.318
<i>F</i> (6, 489) = 22.32, <i>p</i> < 0.001, <i>R</i> ² = 0.22						

*95% CI is presented as bias-corrected and accelerated 5,000 bootstrapping. Control variables: sex, age and education level PI = Perceived Infectability, GA = Germ Aversion, PT Covid-19 = Perceived Threat of Covid-19.

Below, we present descriptions of supplementary effects of the covariates in moderation analyses of the relationship between sexual disgust and negative attitudes towards gay men and lesbians. In all analyses, we controlled for age (calculated as a continuous variable) and education (as a 3-categorical ordinal variable: primary, secondary and higher education).

The Moderating Role of Perceived Infectability in the Relationship Between Sexual Disgust and Negative Attitudes Towards Gay Men

We found a significant effect of sex, $b = 0.78$; 95% $CI = [0.596, 0.963]$, which indicated that men held more negative attitudes towards gay men than women when we controlled for perceived infectability. Additionally, the education effect was significant, $b = 0.19$; 95% $CI = [0.033, 0.351]$, indicating that as education increased, the negative attitudes towards gay men also increased. There was no significant effect of age, $b = -0.00$; 95% $CI = [-0.009, 0.008]$.

The Moderating Role of Perceived Infectability in the Relationship Between Sexual Disgust and Negative Attitudes Towards Lesbians

We found a significant effect of sex, $b = 0.78$; 95% $CI = [0.590, 0.965]$, which indicated that men held more negative attitudes towards lesbians than women when we controlled for perceived infectability. The education effect was also significant, $b = 0.17$; 95% $CI = [0.011, 0.335]$, indicating that as education increased, negative attitudes towards lesbians also increased. The age effect was not significant, $b = -0.00$; 95% $CI = [-0.011, 0.006]$.

The Moderating Role of Germ Aversion in the Relationship Between Sexual Disgust and Negative Attitudes Towards Gay Men

The sex effect was significant, $b = 0.80$; 95% $CI = [0.617, 0.990]$, so men held more negative attitudes towards gay men than women when we controlled for germ aversion. The education effect was also

significant, $b = 0.17$; 95% $CI = [0.008, 0.330]$, indicating that as education increased, negative attitudes towards gay men also increased. We found no effect of age, $b = 0.17$; 95% $CI = [0.008, 0.330]$.

The Moderating Role of Germ Aversion in the Relationship Between Sexual Disgust and Negative Attitudes Towards Lesbians

When we controlled for germ aversion, we found a significant effect of sex, $b = 0.80$, 95% $CI = [0.612, 0.991]$, so men held more negative attitudes towards lesbians than women. Neither education effect, $b = 0.15$, 95% $CI = [-0.013, 0.315]$, nor age effect $b = -0.00$, 95% $CI = [-0.011, 0.007]$ were significant.

The Moderating Role of the Perceived Threat of COVID-19 in the Relationship Between Sexual Disgust and Negative Attitudes Towards Gay Men

We found a significant effect of sex, $b = 0.76$, 95% $CI = [0.573, 0.946]$, indicating that men held more negative attitudes towards gay men than women when the perceived threat of being infected by COVID-19 was a moderator. The education effect was also significant, $b = 0.17$, 95% $CI = [0.014, 0.333]$, and indicated that as education increased, negativity towards gay men also increased. There was no effect of age, $b = 0.00$, 95% $CI = [-0.001, 0.009]$.

The Moderating Role of the Perceived Threat of COVID-19 in the Relationship Between Sexual Disgust and Negative Attitudes Towards Lesbians

We found a significant effect of sex, $b = 0.76$, 95% $CI = [0.570, 0.950]$, indicating that men held more negative attitudes towards lesbians than women when we controlled for the perceived threat of COVID-19. Neither the effect of age, $b = -0.00$, 95% $CI = [-0.011, 0.007]$, nor education, $b = 0.76$, 95% $CI = [-0.007, 0.318]$ were significant.