Hypothesis Models

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Contents

Chapter 1

Withouth Race Respondant

1.1 H1a

Table 1.1: Model H1a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	23.50[18.69,28.30]***	28.64[27.04,30.24]***	12.19[3.98,20.40]**	21.24[16.58,25.89]***	27.32[22.49,32.15]***	28.02[26.37,29.67]***	12.19[3.98,20.40]**	24.85[20.20,29.50]***
	t=9.58, se=2.45	t=35.10, se=0.82	t=2.91, se=4.19	t=8.95, se=2.37	t=11.08, se=2.46	t=33.29, se=0.84	t=2.91, se=4.19	t=10.48, se=2.37
	p=0.00, df=2373.00	p=0.00, df=2392.00	p=0.00, df=2373.00	p=0.00, df=2372.00	p=0.00, df=2373.00	p=0.00, df=2392.00	p=0.00, df=2373.00	p=0.00, df=2372.00
V_Producthardwaresupplies	0.85[−2.12,3.83]		5.22[−0.02,10.45]+	−0.07[−2.96,2.82]	−0.04[−3.01,2.93]		5.22[−0.02,10.45]+	−1.02[−3.89,1.85]
	t=0.56, se=1.52		t=1.95, se=2.67	t=−0.05, se=1.47	t=−0.02, se=1.51		t=1.95, se=2.67	t=−0.70, se=1.46
	p=0.57, df=2373.00		p=0.05, df=2373.00	p=0.96, df=2372.00	p=0.98, df=2373.00		p=0.05, df=2373.00	p=0.49, df=2372.00
V_Producttoiletpaper	3.44[0.48,6.39]*		20.45[15.26,25.65]***	−0.04[−2.95,2.86]	2.00[−0.95,4.95]		20.45[15.26,25.65]***	−1.76[−4.65,1.13]
	t=2.28, se=1.51		t=7.72, se=2.65	t=−0.03, se=1.48	t=1.33, se=1.51		t=7.72, se=2.65	t=−1.19, se=1.47
	p=0.02, df=2373.00		p=0.00, df=2373.00	p=0.98, df=2372.00	p=0.18, df=2373.00		p=0.00, df=2373.00	p=0.23, df=2372.00
V_Productcigarettes	11.01[8.01,14.01]***		22.65[17.36,27.94]***	7.25[4.29,10.22]***	7.51[4.51,10.51]***		22.65[17.36,27.94]***	3.46[0.52,6.41]*
	t=7.19, se=1.53		t=8.40, se=2.70	t=4.80, se=1.51	t=4.90, se=1.53		t=8.40, se=2.70	t=2.31, se=1.50
	p=0.00, df=2373.00		p=0.00, df=2373.00	p=0.00, df=2372.00	p=0.00, df=2373.00		p=0.00, df=2373.00	p=0.02, df=2372.00
V_RacenamefBlack	0.80[−2.16,3.75]		−1.05[−6.26,4.15]	1.04[−1.83,3.91]	−0.76[−3.71,2.20]		−1.05[−6.26,4.15]	−0.48[−3.34,2.38]
	t=0.53, se=1.51		t=−0.40, se=2.66	t=0.71, se=1.46	t=−0.50, se=1.51		t=−0.40, se=2.66	t=−0.33, se=1.46
	p=0.60, df=2373.00		p=0.69, df=2373.00	p=0.48, df=2372.00	p=0.61, df=2373.00		p=0.69, df=2373.00	p=0.74, df=2372.00
V_RacenamefChinese	0.67[−2.31,3.65]		−0.50[−5.74,4.75]	0.80[−2.10,3.69]	−0.21[−3.19,2.77]		−0.50[−5.74,4.75]	−0.06[−2.94,2.82]
	t=0.44, se=1.52		t=−0.19, se=2.68	t=0.54, se=1.48	t=−0.14, se=1.52		t=−0.19, se=2.68	t=−0.04, se=1.47
	p=0.66, df=2373.00		p=0.85, df=2373.00	p=0.59, df=2372.00	p=0.89, df=2373.00		p=0.85, df=2373.00	p=0.97, df=2372.00
V_RacenamefIndian	1.16[−1.82,4.15]		0.96[−4.30,6.22]	1.03[−1.87,3.93]	−1.40[−4.39,1.58]		0.96[−4.30,6.22]	−1.54[−4.42,1.35]
	t=0.76, se=1.52		t=0.36, se=2.68	t=0.70, se=1.48	t=−0.92, se=1.52		t=0.36, se=2.68	t=−1.04, se=1.47
	p=0.44, df=2373.00		p=0.72, df=2373.00	p=0.49, df=2372.00	p=0.36, df=2373.00		p=0.72, df=2373.00	p=0.30, df=2372.00
V_Age	0.16[0.06,0.25]**		0.09[−0.08,0.26]	0.14[0.05,0.23]**	0.11[0.01,0.20]*		0.09[−0.08,0.26]	0.09[0.00,0.19]*
	t=3.18, se=0.05		t=1.04, se=0.09	t=2.98, se=0.05	t=2.22, se=0.05		t=1.04, se=0.09	t=1.98, se=0.05
	p=0.00, df=2373.00		p=0.30, df=2373.00	p=0.00, df=2372.00	p=0.03, df=2373.00		p=0.30, df=2373.00	p=0.05, df=2372.00
V_Locationinthecity	0.29[−0.98,1.55]		0.03[−2.21,2.27]	0.37[−0.86,1.60]	0.10[−1.17,1.37]		0.03[−2.21,2.27]	0.20[−1.02,1.43]
	t=0.44, se=0.65		t=0.03, se=1.14	t=0.59, se=0.63	t=0.16, se=0.65		t=0.03, se=1.14	t=0.33, se=0.63
	p=0.66, df=2373.00		p=0.98, df=2373.00	p=0.56, df=2372.00	p=0.88, df=2373.00		p=0.98, df=2373.00	p=0.74, df=2372.00
V_Locationnearby	−0.41[−1.70,0.88]		−1.00[−3.27,1.27]	−0.18[−1.43,1.07]	−0.62[−1.90,0.67]		−1.00[−3.27,1.27]	−0.36[−1.60,0.89]
	t=−0.62, se=0.66		t=−0.86, se=1.16	t=−0.28, se=0.64	t=−0.94, se=0.66		t=−0.86, se=1.16	t=−0.56, se=0.63
	p=0.53, df=2373.00		p=0.39, df=2373.00	p=0.78, df=2372.00	p=0.35, df=2373.00		p=0.39, df=2373.00	p=0.58, df=2372.00
V_StoreTypedepartmentstore	1.14[−0.13,2.41]+		1.48[−0.77,3.72]	0.91[−0.33,2.14]	−0.02[−1.29,1.25]		1.48[−0.77,3.72]	−0.27[−1.50,0.96]
	t=1.76, se=0.65		t=1.29, se=1.14	t=1.44, se=0.63	t=−0.03, se=0.65		t=1.29, se=1.14	t=−0.43, se=0.63
	p=0.08, df=2373.00		p=0.20, df=2373.00	p=0.15, df=2372.00	p=0.98, df=2373.00		p=0.20, df=2373.00	p=0.66, df=2372.00
V_StoreTypesupermarket	1.34[0.07,2.61]*		1.48[−0.76,3.73]	1.12[−0.12,2.35]+	0.97[−0.30,2.24]		1.48[−0.76,3.73]	0.74[−0.49,1.96]
	t=2.06, se=0.65		t=1.30, se=1.14	t=1.77, se=0.63	t=1.50, se=0.65		t=1.30, se=1.14	t=1.17, se=0.63
	p=0.04, df=2373.00		p=0.20, df=2373.00	p=0.08, df=2372.00	p=0.13, df=2373.00		p=0.20, df=2373.00	p=0.24, df=2372.00
V_ProducthardwaresuppliesV_RacenamefBlack	−0.48[−4.85,3.89]		−0.72[−8.36,6.92]	−0.37[−4.61,3.87]	0.65[−3.72,5.02]		−0.72[−8.36,6.92]	0.76[−3.46,4.98]
	t=−0.22, se=2.23		t=−0.18, se=3.90	t=−0.17, se=2.16	t=0.29, se=2.23		t=−0.18, se=3.90	t=0.35, se=2.15
	p=0.83, df=2373.00		p=0.85, df=2373.00	p=0.86, df=2372.00	p=0.77, df=2373.00		p=0.85, df=2373.00	p=0.72, df=2372.00
V_ProducttoiletpaperV_RacenamefBlack	−1.33[−5.68,3.03]		−2.56[−10.18,5.06]	−0.98[−5.21,3.24]	−0.34[−4.69,4.01]		−2.56[−10.18,5.06]	0.02[−4.18,4.22]
	t=−0.60, se=2.22		t=−0.66, se=3.89	t=−0.46, se=2.15	t=−0.15, se=2.22		t=−0.66, se=3.89	t=0.01, se=2.14
	p=0.55, df=2373.00		p=0.51, df=2373.00	p=0.65, df=2372.00	p=0.88, df=2373.00		p=0.51, df=2373.00	p=0.99, df=2372.00
V_ProductcigarettesV_RacenamefBlack	−4.59[−8.94,−0.24]*		−4.30[−11.92,3.32]	−4.00[−8.23,0.22]+	−2.77[−7.11,1.58]		−4.30[−11.92,3.32]	−2.16[−6.36,2.04]
	t=−2.07, se=2.22		t=−1.11, se=3.89	t=−1.86, se=2.15	t=−1.25, se=2.22		t=−1.11, se=3.89	t=−1.01, se=2.14
	p=0.04, df=2373.00		p=0.27, df=2373.00	p=0.06, df=2372.00	p=0.21, df=2373.00		p=0.27, df=2373.00	p=0.31, df=2372.00
V_ProducthardwaresuppliesV_RacenamefChinese	0.16[−4.23,4.55]		2.15[−5.54,9.83]	−0.07[−4.33,4.19]	−0.07[−4.46,4.31]		2.15[−5.54,9.83]	−0.34[−4.58,3.90]
	t=0.07, se=2.24		t=0.55, se=3.92	t=−0.03, se=2.17	t=−0.03, se=2.24		t=0.55, se=3.92	t=−0.16, se=2.16
	p=0.94, df=2373.00		p=0.58, df=2373.00	p=0.97, df=2372.00	p=0.97, df=2373.00		p=0.58, df=2373.00	p=0.88, df=2372.00
V_ProducttoiletpaperV_RacenamefChinese	−2.91[−7.27,1.45]		−4.27[−11.90,3.35]	−2.23[−6.46,2.00]	−1.31[−5.67,3.06]		−4.27[−11.90,3.35]	−0.56[−4.78,3.65]
	t=−1.31, se=2.22		t=−1.10, se=3.89	t=−1.03, se=2.16	t=−0.59, se=2.22		t=−1.10, se=3.89	t=−0.26, se=2.15
	p=0.19, df=2373.00		p=0.27, df=2373.00	p=0.30, df=2372.00	p=0.56, df=2373.00		p=0.27, df=2373.00	p=0.79, df=2372.00
V_ProductcigarettesV_RacenamefChinese	−4.30[−8.67,0.06]+		−8.79[−16.43,−1.15]*	−3.03[−7.27,1.21]	−1.97[−6.33,2.40]		−8.79[−16.43,−1.15]*	−0.61[−4.83,3.61]
	t=−1.93, se=2.23		t=−2.26, se=3.90	t=−1.40, se=2.16	t=−0.88, se=2.23		t=−2.26, se=3.90	t=−0.28, se=2.15
	p=0.05, df=2373.00		p=0.02, df=2373.00	p=0.16, df=2372.00	p=0.38, df=2373.00		p=0.02, df=2373.00	p=0.78, df=2372.00
V_ProducthardwaresuppliesV_RacenamefIndian	0.69[−3.63,5.01]		2.14[−5.43,9.72]	0.32[−3.88,4.51]	1.12[−3.20,5.44]		2.14[−5.43,9.72]	0.70[−3.48,4.87]
	t=0.31, se=2.20		t=0.55, se=3.86	t=0.15, se=2.14	t=0.51, se=2.20		t=0.55, se=3.86	t=0.33, se=2.13
	p=0.75, df=2373.00		p=0.58, df=2373.00	p=0.88, df=2372.00	p=0.61, df=2373.00		p=0.58, df=2373.00	p=0.74, df=2372.00
V_ProducttoiletpaperV_RacenamefIndian	−2.47[−6.84,1.89]		−3.91[−11.56,3.73]	−1.77[−6.01,2.47]	0.40[−3.97,4.76]		−3.91[−11.56,3.73]	1.15[−3.06,5.37]
	t=−1.11, se=2.23		t=−1.00, se=3.90	t=−0.82, se=2.16	t=0.18, se=2.23		t=−1.00, se=3.90	t=0.54, se=2.15
	p=0.27, df=2373.00		p=0.32, df=2373.00	p=0.41, df=2372.00	p=0.86, df=2373.00		p=0.32, df=2373.00	p=0.59, df=2372.00
V_ProductcigarettesV_RacenamefIndian	−5.20[−9.61,−0.78]*		−5.87[−13.60,1.87]	−4.34[−8.63,−0.05]*	−2.40[−6.82,2.02]		−5.87[−13.60,1.87]	−1.49[−5.75,2.78]
	t=−2.31, se=2.25		t=−1.49, se=3.94	t=−1.98, se=2.19	t=−1.06, se=2.25		t=−1.49, se=3.94	t=−0.68, se=2.18
	p=0.02, df=2373.00		p=0.14, df=2373.00	p=0.05, df=2372.00	p=0.29, df=2373.00		p=0.14, df=2373.00	p=0.49, df=2372.00
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.20]***		0.19[0.17,0.21]***		0.19[0.16,0.21]***
		t=16.90, se=0.01		t=14.37, se=0.01		t=17.40, se=0.01		t=15.55, se=0.01
		p=0.00, df=2392.00		p=0.00, df=2372.00		p=0.00, df=2392.00		p=0.00, df=2372.00
SD (Intercept ID)	19.41	17.68	20.33	17.81	20.42	18.47	20.33	18.54
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
SD (Observations)	11.29	11.27	20.35	10.98	11.27	11.04	20.35	10.91
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.021	0.068	0.073	0.075	0.012	0.067	0.073	0.071
R2 Cond.	0.752	0.731	0.536	0.745	0.769	0.754	0.536	0.761
AIC	19935.1	19847.8	22170.9	19748.7	19986.0	19817.7	22170.9	19767.8
BIC	20068.1	19870.9	22303.9	19887.5	20118.9	19840.8	22303.9	19906.6
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	9.85	9.91	18.11	9.59	9.82	9.69	18.11	9.52

Table 1.2: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	19966.80	20099.78	-9960.40	19920.80			
C2Path	24.00	19772.09	19910.85	-9862.05	19724.09	196.71	1	0.0000

Table 1.3: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	20017.76	20150.73	-9985.88	19971.76			
C2Path	24.00	19791.05	19929.81	-9871.52	19743.05	228.71	1	0.0000

Table 1.4: Model H1a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	23.95[19.37,28.52]*** t=10.27, se=2.33 p=0.00, df=2383.00	28.64[27.04,30.24]*** t=35.10, se=0.82 p=0.00, df=2392.00	14.29[6.62,21.97]*** t=3.65, se=3.91 p=0.00, df=2383.00	21.35[16.92,25.78]*** t=9.45, se=2.26 p=0.00, df=2382.00	27.34[22.85,31.84]*** t=11.93, se=2.29 p=0.00, df=2385.00	28.02[26.37,29.67]*** t=33.29, se=0.84 p=0.00, df=2392.00	15.22[7.67,22.78]*** t=3.95, se=3.85 p=0.00, df=2385.00	24.40[20.08,28.73]*** t=11.06, se=2.21 p=0.00, df=2384.00
V_ProductMorMorallyQuestionable	6.67[4.54,8.81]*** t=6.13, se=1.09 p=0.00, df=2383.00		18.98[15.28,22.68]*** t=10.05, se=1.89 p=0.00, df=2383.00	3.48[1.36,5.60]** t=3.22, se=1.08 p=0.00, df=2382.00	4.79[2.68,6.90]*** t=4.45, se=1.08 p=0.00, df=2385.00		19.01[15.31,22.71]*** t=10.07, se=1.89 p=0.00, df=2385.00	1.36[−0.72,3.45] t=1.28, se=1.06 p=0.20, df=2384.00
V_RacenamefBlack	0.59[−1.43,2.60] t=0.57, se=1.03 p=0.57, df=2383.00		−1.35[−4.88,2.18] t=−0.75, se=1.80 p=0.45, df=2383.00	0.88[−1.08,2.84] t=0.88, se=1.00 p=0.38, df=2382.00	−0.38[−2.37,1.62] t=−0.37, se=1.02 p=0.71, df=2385.00		−1.38[−4.90,2.15] t=−0.76, se=1.80 p=0.44, df=2385.00	−0.06[−1.99,1.87] t=−0.06, se=0.98 p=0.95, df=2384.00
V_RacenamefChinese	0.74[−1.33,2.81] t=0.70, se=1.05 p=0.48, df=2383.00		0.49[−3.12,4.10] t=0.27, se=1.84 p=0.79, df=2383.00	0.77[−1.24,2.78] t=0.75, se=1.02 p=0.46, df=2382.00	−0.16[−2.20,1.89] t=−0.15, se=1.04 p=0.88, df=2385.00		0.51[−3.10,4.12] t=0.28, se=1.84 p=0.78, df=2385.00	−0.14[−2.12,1.84] t=−0.14, se=1.01 p=0.89, df=2384.00
V_RacenamefIndian	1.54[−0.51,3.59] t=1.47, se=1.05 p=0.14, df=2383.00		2.17[−1.41,5.75] t=1.19, se=1.83 p=0.23, df=2383.00	1.19[−0.81,3.18] t=1.17, se=1.02 p=0.24, df=2382.00	−0.76[−2.79,1.27] t=−0.74, se=1.04 p=0.46, df=2385.00		2.17[−1.41,5.75] t=1.19, se=1.83 p=0.23, df=2385.00	−1.14[−3.10,0.83] t=−1.14, se=1.00 p=0.26, df=2384.00
V_Age	0.15[0.05,0.25]** t=3.07, se=0.05 p=0.00, df=2383.00		0.09[−0.08,0.26] t=1.09, se=0.09 p=0.28, df=2383.00	0.14[0.04,0.23]** t=2.84, se=0.05 p=0.00, df=2382.00	0.11[0.01,0.21]* t=2.23, se=0.05 p=0.03, df=2385.00		0.09[−0.07,0.26] t=1.09, se=0.09 p=0.27, df=2385.00	0.09[0.00,0.19]* t=1.97, se=0.05 p=0.05, df=2384.00
V_StoreTypedepartmentstore	1.18[−0.11,2.47]+ t=1.79, se=0.66 p=0.07, df=2383.00		1.29[−0.96,3.54] t=1.12, se=1.15 p=0.26, df=2383.00	0.98[−0.27,2.24] t=1.53, se=0.64 p=0.13, df=2382.00				
V_StoreTypesupermarket	1.39[0.10,2.68]* t=2.11, se=0.66 p=0.03, df=2383.00		1.58[−0.67,3.83] t=1.38, se=1.15 p=0.17, df=2383.00	1.15[−0.10,2.41]+ t=1.80, se=0.64 p=0.07, df=2382.00				
V_ProductMorMorallyQuestionableV_RacenamefBlack	−2.53[−5.62,0.56] t=−1.60, se=1.58 p=0.11, df=2383.00		−3.11[−8.47,2.24] t=−1.14, se=2.73 p=0.25, df=2383.00	−2.10[−5.11,0.91] t=−1.37, se=1.53 p=0.17, df=2382.00	−1.81[−4.87,1.25] t=−1.16, se=1.56 p=0.25, df=2385.00		−3.09[−8.45,2.26] t=−1.13, se=2.73 p=0.26, df=2385.00	−1.36[−4.32,1.60] t=−0.90, se=1.51 p=0.37, df=2384.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	−3.46[−6.60,−0.32]* t=−2.16, se=1.60 p=0.03, df=2383.00		−7.52[−12.95,−2.10]** t=−2.72, se=2.77 p=0.01, df=2383.00	−2.37[−5.42,0.69] t=−1.52, se=1.56 p=0.13, df=2382.00	−1.60[−4.71,1.51] t=−1.01, se=1.59 p=0.31, df=2385.00		−7.62[−13.04,−2.20]** t=−2.76, se=2.76 p=0.01, df=2385.00	−0.41[−3.42,2.60] t=−0.27, se=1.53 p=0.79, df=2384.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	−4.10[−7.27,−0.92]* t=−2.53, se=1.62 p=0.01, df=2383.00		−6.12[−11.60,−0.64]* t=−2.19, se=2.79 p=0.03, df=2383.00	−3.08[−6.17,0.01]+ t=−1.96, se=1.58 p=0.05, df=2382.00	−1.59[−4.73,1.56] t=−0.99, se=1.60 p=0.32, df=2385.00		−6.14[−11.61,−0.67]* t=−2.20, se=2.79 p=0.03, df=2385.00	−0.50[−3.54,2.54] t=−0.32, se=1.55 p=0.75, df=2384.00
MorallyWrong		0.19[0.17,0.21]*** t=16.90, se=0.01 p=0.00, df=2392.00		0.17[0.15,0.20]*** t=14.34, se=0.01 p=0.00, df=2382.00		0.19[0.17,0.21]*** t=17.40, se=0.01 p=0.00, df=2392.00		0.19[0.16,0.21]*** t=15.49, se=0.01 p=0.00, df=2384.00
SD (Intercept ID)	19.39 t=, se= p=, df=	17.68 t=, se= p=, df=	20.32 t=, se= p=, df=	17.78 t=, se= p=, df=	20.41 t=, se= p=, df=	18.47 t=, se= p=, df=	20.33 t=, se= p=, df=	18.53 t=, se= p=, df=
SD (Observations)	11.51 t=, se= p=, df=	11.27 t=, se= p=, df=	20.46 t=, se= p=, df=	11.21 t=, se= p=, df=	11.38 t=, se= p=, df=	11.04 t=, se= p=, df=	20.45 t=, se= p=, df=	11.02 t=, se= p=, df=
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.012	0.068	0.067	0.066	0.007	0.067	0.066	0.065
R2 Cond.	0.742	0.731	0.530	0.734	0.765	0.754	0.530	0.756
AIC	20 020.0	19 847.8	22 214.8	19 834.5	20 032.1	19 817.7	22 216.9	19 815.6
BIC	20 095.2	19 870.9	22 290.0	19 915.5	20 095.7	19 840.8	22 280.5	19 885.0
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	10.08	9.91	18.26	9.82	9.95	9.69	18.26	9.65

Table 1.5: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	21.00	19963.96	20085.37	-9960.98	19921.96			
C2Path	22.00	19768.89	19896.08	-9862.44	19724.89	197.07	1	0.0000

Table 1.6: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	19.00	20014.23	20124.08	-9988.12	19976.23			
C2Path	20.00	19786.62	19902.25	-9873.31	19746.62	229.62	1	0.0000

Table 1.7: Model H1a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	23.80[19.14,28.45]***	28.64[27.04,30.24]***	14.68[6.85,22.50]***	21.07[16.56,25.59]***	27.19[22.55,31.83]***	28.02[26.37,29.67]***	14.68[6.85,22.50]***	24.26[19.79,28.73]***
	t=10.02, se=2.38	t=35.10, se=0.82	t=3.68, se=3.99	t=9.15, se=2.30	t=11.49, se=2.37	t=33.29, se=0.84	t=3.68, se=3.99	t=10.64, se=2.28
	p=0.00, df=2381.00	p=0.00, df=2392.00	p=0.00, df=2381.00	p=0.00, df=2380.00	p=0.00, df=2381.00	p=0.00, df=2392.00	p=0.00, df=2381.00	p=0.00, df=2380.00
V_ProductMorMorallyQuestionable	6.63[4.49,8.77]***		18.84[15.13,22.56]***	3.46[1.33,5.58]**	4.65[2.53,6.77]***		18.84[15.13,22.56]***	1.27[−0.82,3.36]
	t=6.07, se=1.09		t=9.94, se=1.90	t=3.19, se=1.08	t=4.30, se=1.08		t=9.94, se=1.90	t=1.19, se=1.07
	p=0.00, df=2381.00		p=0.00, df=2381.00	p=0.00, df=2380.00	p=0.00, df=2381.00		p=0.00, df=2381.00	p=0.23, df=2380.00
V_RacenamefBlack	0.53[−1.50,2.55]		−1.48[−5.02,2.06]	0.85[−1.12,2.82]	−0.45[−2.45,1.55]		−1.48[−5.02,2.06]	−0.10[−2.04,1.83]
	t=0.51, se=1.03		t=−0.82, se=1.81	t=0.84, se=1.00	t=−0.44, se=1.02		t=−0.82, se=1.81	t=−0.11, se=0.99
	p=0.61, df=2381.00		p=0.41, df=2381.00	p=0.40, df=2380.00	p=0.66, df=2381.00		p=0.41, df=2381.00	p=0.92, df=2380.00
V_RacenamefChinese	0.72[−1.36,2.79]		0.37[−3.25,3.99]	0.77[−1.25,2.78]	−0.25[−2.30,1.80]		0.37[−3.25,3.99]	−0.20[−2.18,1.79]
	t=0.68, se=1.06		t=0.20, se=1.85	t=0.75, se=1.03	t=−0.24, se=1.05		t=0.20, se=1.85	t=−0.20, se=1.01
	p=0.50, df=2381.00		p=0.84, df=2381.00	p=0.46, df=2380.00	p=0.81, df=2381.00		p=0.84, df=2381.00	p=0.84, df=2380.00
V_RacenamefIndian	1.54[−0.51,3.60]		2.11[−1.48,5.69]	1.21[−0.79,3.21]	−0.82[−2.86,1.21]		2.11[−1.48,5.69]	−1.18[−3.15,0.79]
	t=1.47, se=1.05		t=1.15, se=1.83	t=1.19, se=1.02	t=−0.79, se=1.04		t=1.15, se=1.83	t=−1.17, se=1.00
	p=0.14, df=2381.00		p=0.25, df=2381.00	p=0.24, df=2380.00	p=0.43, df=2381.00		p=0.25, df=2381.00	p=0.24, df=2380.00
V_Age	0.15[0.06,0.25]**		0.09[−0.07,0.26]	0.14[0.04,0.23]**	0.11[0.01,0.20]*		0.09[−0.07,0.26]	0.09[0.00,0.19]+
	t=3.09, se=0.05		t=1.10, se=0.09	t=2.86, se=0.05	t=2.19, se=0.05		t=1.10, se=0.09	t=1.93, se=0.05
	p=0.00, df=2381.00		p=0.27, df=2381.00	p=0.00, df=2380.00	p=0.03, df=2381.00		p=0.27, df=2381.00	p=0.05, df=2380.00
V_Locationinthecity	0.52[−0.78,1.81]		−0.11[−2.36,2.14]	0.63[−0.63,1.89]	0.27[−1.01,1.55]		−0.11[−2.36,2.14]	0.41[−0.83,1.64]
	t=0.78, se=0.66		t=−0.10, se=1.15	t=0.98, se=0.64	t=0.42, se=0.65		t=−0.10, se=1.15	t=0.64, se=0.63
	p=0.43, df=2381.00		p=0.92, df=2381.00	p=0.33, df=2380.00	p=0.68, df=2381.00		p=0.92, df=2381.00	p=0.52, df=2380.00
V_Locationnearby	−0.16[−1.47,1.15]		−0.93[−3.21,1.35]	0.06[−1.21,1.33]	−0.44[−1.74,0.86]		−0.93[−3.21,1.35]	−0.19[−1.44,1.06]
	t=−0.24, se=0.67		t=−0.80, se=1.16	t=0.09, se=0.65	t=−0.67, se=0.66		t=−0.80, se=1.16	t=−0.30, se=0.64
	p=0.81, df=2381.00		p=0.42, df=2381.00	p=0.93, df=2380.00	p=0.51, df=2381.00		p=0.42, df=2381.00	p=0.77, df=2380.00
V_StoreTypedepartmentstore	1.19[−0.11,2.48]+		1.30[−0.95,3.56]	0.98[−0.27,2.24]	0.01[−1.27,1.29]		1.30[−0.95,3.56]	−0.21[−1.44,1.03]
	t=1.80, se=0.66		t=1.14, se=1.15	t=1.54, se=0.64	t=0.02, se=0.65		t=1.14, se=1.15	t=−0.33, se=0.63
	p=0.07, df=2381.00		p=0.26, df=2381.00	p=0.12, df=2380.00	p=0.99, df=2381.00		p=0.26, df=2381.00	p=0.74, df=2380.00
V_StoreTypesupermarket	1.41[0.12,2.71]*		1.59[−0.66,3.84]	1.18[−0.08,2.43]+	1.00[−0.28,2.28]		1.59[−0.66,3.84]	0.75[−0.49,1.98]
	t=2.14, se=0.66		t=1.39, se=1.15	t=1.83, se=0.64	t=1.53, se=0.65		t=1.39, se=1.15	t=1.18, se=0.63
	p=0.03, df=2381.00		p=0.17, df=2381.00	p=0.07, df=2380.00	p=0.13, df=2381.00		p=0.17, df=2381.00	p=0.24, df=2380.00
V_ProductMorMorallyQuestionableV_RacenamefBlack	−2.45[−5.56,0.65]		−2.92[−8.30,2.45]	−2.06[−5.08,0.95]	−1.69[−4.76,1.38]		−2.92[−8.30,2.45]	−1.28[−4.25,1.69]
	t=−1.55, se=1.58		t=−1.07, se=2.74	t=−1.34, se=1.54	t=−1.08, se=1.57		t=−1.07, se=2.74	t=−0.85, se=1.51
	p=0.12, df=2381.00		p=0.29, df=2381.00	p=0.18, df=2380.00	p=0.28, df=2381.00		p=0.29, df=2381.00	p=0.40, df=2380.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	−3.41[−6.56,−0.25]*		−7.34[−12.79,−1.90]**	−2.36[−5.42,0.71]	−1.41[−4.53,1.72]		−7.34[−12.79,−1.90]**	−0.28[−3.30,2.74]
	t=−2.12, se=1.61		t=−2.65, se=2.78	t=−1.51, se=1.56	t=−0.88, se=1.59		t=−2.65, se=2.78	t=−0.18, se=1.54
	p=0.03, df=2381.00		p=0.01, df=2381.00	p=0.13, df=2380.00	p=0.38, df=2381.00		p=0.01, df=2381.00	p=0.86, df=2380.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	−4.10[−7.28,−0.92]*		−6.02[−11.50,−0.54]*	−3.11[−6.21,−0.02]*	−1.49[−4.64,1.67]		−6.02[−11.50,−0.54]*	−0.43[−3.48,2.62]
	t=−2.52, se=1.62		t=−2.15, se=2.80	t=−1.97, se=1.58	t=−0.92, se=1.61		t=−2.15, se=2.80	t=−0.28, se=1.55
	p=0.01, df=2381.00		p=0.03, df=2381.00	p=0.05, df=2380.00	p=0.36, df=2381.00		p=0.03, df=2381.00	p=0.78, df=2380.00
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.20]***		0.19[0.17,0.21]***		0.18[0.16,0.21]***
		t=16.90, se=0.01		t=14.33, se=0.01		t=17.40, se=0.01		t=15.45, se=0.01
		p=0.00, df=2392.00		p=0.00, df=2380.00		p=0.00, df=2392.00		p=0.00, df=2380.00
SD (Intercept ID)	19.38	17.68	20.32	17.77	20.41	18.47	20.32	18.54
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
SD (Observations)	11.52	11.27	20.46	11.21	11.37	11.04	20.46	11.02
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.012	0.068	0.067	0.066	0.008	0.067	0.067	0.066
R2 Cond.	0.742	0.731	0.530	0.734	0.765	0.754	0.530	0.756
AIC	20 021.1	19 847.8	22 214.1	19 835.7	20 032.5	19 817.7	22 214.1	19 817.1
BIC	20 107.9	19 870.9	22 300.8	19 928.2	20 119.3	19 840.8	22 300.8	19 909.6
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	10.08	9.91	18.25	9.82	9.94	9.69	18.25	9.64

Table 1.8: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	15.00	20032.20	20118.93	-10001.10	20002.20			
C2Path	16.00	19838.95	19931.46	-9903.48	19806.95	195.25	1	0.0000

Table 1.9: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	15.00	20043.42	20130.14	-10006.71	20013.42			
C2Path	16.00	19820.01	19912.51	-9894.00	19788.01	225.41	1	0.0000

1.2 H2a

ANOVAs of model H2a not done because issue in the recreation of the database.

Table 1.10: Model H2a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.08[−2.60,2.76] t=0.06, se=1.37 p=0.95, df=4769.00	2.50[1.97,3.04]*** t=9.15, se=0.27 p=0.00, df=4788.00	−6.62[−10.60,−2.65]** t=−3.27, se=2.03 p=0.00, df=4769.00	−0.06[−2.74,2.63] t=−0.04, se=1.37 p=0.97, df=4768.00	4.01[1.23,6.79]** t=2.83, se=1.42 p=0.00, df=4769.00	3.16[2.55,3.78]*** t=10.08, se=0.31 p=0.00, df=4788.00	−6.62[−10.60,−2.65]** t=−3.27, se=2.03 p=0.00, df=4769.00	3.91[1.12,6.69]** t=2.75, se=1.42 p=0.01, df=4768.00
V_Productcigarettes	1.47[−0.27,3.20]+ t=1.66, se=0.88 p=0.10, df=4769.00		−0.09[−2.67,2.49] t=−0.07, se=1.32 p=0.95, df=4769.00	1.47[−0.27,3.20]+ t=1.66, se=0.88 p=0.10, df=4768.00	0.11[−1.68,1.90] t=0.12, se=0.91 p=0.91, df=4769.00		−0.09[−2.67,2.49] t=−0.07, se=1.32 p=0.95, df=4769.00	0.11[−1.69,1.90] t=0.11, se=0.91 p=0.91, df=4768.00
V_Producthardwaresupplies	−0.26[−1.97,1.46] t=−0.29, se=0.88 p=0.77, df=4769.00		1.49[−1.07,4.04] t=1.14, se=1.30 p=0.25, df=4769.00	−0.22[−1.93,1.50] t=−0.25, se=0.88 p=0.80, df=4768.00	−0.46[−2.24,1.31] t=−0.51, se=0.90 p=0.61, df=4769.00		1.49[−1.07,4.04] t=1.14, se=1.30 p=0.25, df=4769.00	−0.43[−2.21,1.34] t=−0.48, se=0.90 p=0.63, df=4768.00
V_Producttoiletpaper	−0.18[−1.89,1.52] t=−0.21, se=0.87 p=0.83, df=4769.00		0.03[−2.50,2.56] t=0.02, se=1.29 p=0.98, df=4769.00	−0.18[−1.89,1.52] t=−0.21, se=0.87 p=0.83, df=4768.00	−1.18[−2.94,0.58] t=−1.32, se=0.90 p=0.19, df=4769.00		0.03[−2.50,2.56] t=0.02, se=1.29 p=0.98, df=4769.00	−1.18[−2.94,0.58] t=−1.32, se=0.90 p=0.19, df=4768.00
V_RacenamefBlack	0.54[−1.17,2.25] t=0.62, se=0.87 p=0.54, df=4769.00		0.51[−2.03,3.05] t=0.39, se=1.30 p=0.69, df=4769.00	0.56[−1.15,2.26] t=0.64, se=0.87 p=0.52, df=4768.00	−0.76[−2.52,1.01] t=−0.84, se=0.90 p=0.40, df=4769.00		0.51[−2.03,3.05] t=0.39, se=1.30 p=0.69, df=4769.00	−0.74[−2.51,1.02] t=−0.83, se=0.90 p=0.41, df=4768.00
V_RacenamefChinese	−0.64[−2.36,1.08] t=−0.73, se=0.88 p=0.46, df=4769.00		0.42[−2.14,2.97] t=0.32, se=1.30 p=0.75, df=4769.00	−0.63[−2.35,1.09] t=−0.72, se=0.88 p=0.47, df=4768.00	−1.28[−3.06,0.49] t=−1.42, se=0.91 p=0.16, df=4769.00		0.42[−2.14,2.97] t=0.32, se=1.30 p=0.75, df=4769.00	−1.28[−3.06,0.50] t=−1.41, se=0.91 p=0.16, df=4768.00
V_RacenamefIndian	−0.34[−2.06,1.39] t=−0.38, se=0.88 p=0.70, df=4769.00		−0.83[−3.40,1.73] t=−0.64, se=1.31 p=0.52, df=4769.00	−0.35[−2.08,1.37] t=−0.40, se=0.88 p=0.69, df=4768.00	−2.44[−4.22,−0.65]** t=−2.68, se=0.91 p=0.01, df=4769.00		−0.83[−3.40,1.73] t=−0.64, se=1.31 p=0.52, df=4769.00	−2.45[−4.23,−0.66]** t=−2.69, se=0.91 p=0.01, df=4768.00
V_Age	0.06[0.01,0.12]* t=2.18, se=0.03 p=0.03, df=4769.00		0.07[−0.01,0.15] t=1.64, se=0.04 p=0.10, df=4769.00	0.06[0.01,0.12]* t=2.23, se=0.03 p=0.03, df=4768.00	0.01[−0.05,0.07] t=0.38, se=0.03 p=0.71, df=4769.00		0.07[−0.01,0.15] t=1.64, se=0.04 p=0.10, df=4769.00	0.01[−0.05,0.07] t=0.41, se=0.03 p=0.68, df=4768.00
V_Locationinthecity	−0.01[−0.75,0.72] t=−0.04, se=0.38 p=0.97, df=4769.00		−0.15[−1.24,0.95] t=−0.26, se=0.56 p=0.79, df=4769.00	−0.02[−0.75,0.72] t=−0.05, se=0.38 p=0.96, df=4768.00	−0.06[−0.82,0.70] t=−0.15, se=0.39 p=0.88, df=4769.00		−0.15[−1.24,0.95] t=−0.26, se=0.56 p=0.79, df=4769.00	−0.06[−0.82,0.70] t=−0.15, se=0.39 p=0.88, df=4768.00
V_Locationnearby	0.14[−0.60,0.89] t=0.38, se=0.38 p=0.70, df=4769.00		0.86[−0.25,1.98] t=1.52, se=0.57 p=0.13, df=4769.00	0.16[−0.58,0.91] t=0.43, se=0.38 p=0.67, df=4768.00	−0.05[−0.82,0.72] t=−0.12, se=0.39 p=0.90, df=4769.00		0.86[−0.25,1.98] t=1.52, se=0.57 p=0.13, df=4769.00	−0.03[−0.80,0.74] t=−0.09, se=0.39 p=0.93, df=4768.00
V_StoreTypedepartmentstore	0.03[−0.70,0.77] t=0.09, se=0.38 p=0.93, df=4769.00		0.74[−0.36,1.84] t=1.32, se=0.56 p=0.19, df=4769.00	0.05[−0.69,0.78] t=0.12, se=0.38 p=0.90, df=4768.00	−0.55[−1.32,0.21] t=−1.43, se=0.39 p=0.15, df=4769.00		0.74[−0.36,1.84] t=1.32, se=0.56 p=0.19, df=4769.00	−0.55[−1.31,0.21] t=−1.41, se=0.39 p=0.16, df=4768.00
V_StoreTypesupermarket	0.13[−0.61,0.87] t=0.35, se=0.38 p=0.73, df=4769.00		0.77[−0.33,1.86] t=1.37, se=0.56 p=0.17, df=4769.00	0.15[−0.59,0.89] t=0.40, se=0.38 p=0.69, df=4768.00	−0.17[−0.93,0.59] t=−0.43, se=0.39 p=0.67, df=4769.00		0.77[−0.33,1.86] t=1.37, se=0.56 p=0.17, df=4769.00	0.15[−0.59,0.89] t=0.40, se=0.38 p=0.69, df=4768.00
V_ProductcigarettesV_RacenamefBlack	−1.72[−4.21,0.78] t=−1.35, se=1.27 p=0.18, df=4769.00		−2.77[−6.45,0.92] t=−1.47, se=1.88 p=0.14, df=4769.00	−1.78[−4.27,0.71] t=−1.40, se=1.27 p=0.16, df=4768.00	−0.06[−2.64,2.52] t=−0.05, se=1.32 p=0.96, df=4769.00		−2.77[−6.45,0.92] t=−1.47, se=1.88 p=0.14, df=4769.00	−0.10[−2.68,2.48] t=−0.08, se=1.32 p=0.94, df=4768.00
V_ProducthardwaresuppliesV_RacenamefBlack	−0.62[−3.11,1.88] t=−0.48, se=1.27 p=0.63, df=4769.00		−0.27[−3.95,3.41] t=−0.14, se=1.88 p=0.88, df=4769.00	−0.64[−3.14,1.86] t=−0.50, se=1.27 p=0.61, df=4768.00	0.28[−2.30,2.87] t=0.21, se=1.32 p=0.83, df=4769.00		−0.27[−3.95,3.41] t=−0.14, se=1.88 p=0.88, df=4769.00	0.26[−2.32,2.85] t=0.20, se=1.32 p=0.84, df=4768.00
V_ProducttoiletpaperV_RacenamefBlack	−0.13[−2.62,2.36] t=−0.10, se=1.27 p=0.92, df=4769.00		−0.37[−4.05,3.31] t=−0.20, se=1.88 p=0.84, df=4769.00	−0.14[−2.63,2.35] t=−0.11, se=1.27 p=0.91, df=4768.00	1.24[−1.35,3.82] t=0.94, se=1.32 p=0.35, df=4769.00		−0.37[−4.05,3.31] t=−0.20, se=1.88 p=0.84, df=4769.00	1.23[−1.36,3.81] t=0.93, se=1.32 p=0.35, df=4768.00
V_ProductcigarettesV_RacenamefChinese	−1.29[−3.79,1.21] t=−1.01, se=1.28 p=0.31, df=4769.00		−1.00[−4.68,2.69] t=−0.53, se=1.88 p=0.60, df=4769.00	−1.31[−3.81,1.19] t=−1.03, se=1.27 p=0.30, df=4768.00	−0.11[−2.69,2.48] t=−0.08, se=1.32 p=0.94, df=4769.00		−1.00[−4.68,2.69] t=−0.53, se=1.88 p=0.60, df=4769.00	−0.12[−2.71,2.47] t=−0.09, se=1.32 p=0.93, df=4768.00
V_ProducthardwaresuppliesV_RacenamefChinese	0.16[−2.35,2.68] t=0.13, se=1.28 p=0.90, df=4769.00		0.00[−3.72,3.71] t=0.00, se=1.89 p=1.00, df=4769.00	0.16[−2.36,2.67] t=0.12, se=1.28 p=0.90, df=4768.00	−0.16[−2.76,2.45] t=−0.12, se=1.33 p=0.91, df=4769.00		0.00[−3.72,3.71] t=0.00, se=1.89 p=1.00, df=4769.00	−0.16[−2.77,2.44] t=−0.12, se=1.33 p=0.90, df=4768.00
V_ProducttoiletpaperV_RacenamefChinese	0.18[−2.31,2.68] t=0.14, se=1.27 p=0.89, df=4769.00		−1.63[−5.30,2.04] t=−0.87, se=1.87 p=0.38, df=4769.00	0.15[−2.34,2.65] t=0.12, se=1.27 p=0.90, df=4768.00	1.23[−1.35,3.82] t=0.94, se=1.32 p=0.35, df=4769.00		−1.63[−5.30,2.04] t=−0.87, se=1.87 p=0.38, df=4769.00	1.22[−1.37,3.80] t=0.92, se=1.32 p=0.36, df=4768.00
V_ProductcigarettesV_RacenamefIndian	−1.47[−4.00,1.06] t=−1.14, se=1.29 p=0.25, df=4769.00		2.90[−0.83,6.63] t=1.52, se=1.90 p=0.13, df=4769.00	−1.41[−3.94,1.12] t=−1.09, se=1.29 p=0.27, df=4768.00	0.99[−1.63,3.61] t=0.74, se=1.34 p=0.46, df=4769.00		2.90[−0.83,6.63] t=1.52, se=1.90 p=0.13, df=4769.00	1.03[−1.59,3.65] t=0.77, se=1.34 p=0.44, df=4768.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.31[−1.17,3.79] t=1.03, se=1.26 p=0.30, df=4769.00		1.30[−2.36,4.97] t=0.70, se=1.87 p=0.49, df=4769.00	1.32[−1.16,3.80] t=1.04, se=1.26 p=0.30, df=4768.00	1.97[−0.60,4.54] t=1.50, se=1.31 p=0.13, df=4769.00		1.30[−2.36,4.97] t=0.70, se=1.87 p=0.49, df=4769.00	1.98[−0.59,4.54] t=1.51, se=1.31 p=0.13, df=4768.00
V_ProducttoiletpaperV_RacenamefIndian	−0.47[−2.97,2.03] t=−0.37, se=1.27 p=0.71, df=4769.00		1.34[−2.35,5.02] t=0.71, se=1.88 p=0.48, df=4769.00	−0.44[−2.94,2.06] t=−0.35, se=1.27 p=0.73, df=4768.00	3.11[0.52,5.70]* t=2.35, se=1.32 p=0.02, df=4769.00		1.34[−2.35,5.02] t=0.71, se=1.88 p=0.48, df=4769.00	3.13[0.54,5.72]* t=2.37, se=1.32 p=0.02, df=4768.00
MWOther_Self		−0.02[−0.04,0.00]* t=−2.06, se=0.01 p=0.04, df=4788.00		−0.02[−0.04,0.00]* t=−2.13, se=0.01 p=0.03, df=4768.00		−0.01[−0.03,0.01] t=−1.44, se=0.01 p=0.15, df=4788.00		−0.01[−0.03,0.01] t=−1.44, se=0.01 p=0.15, df=4768.00
SD (Intercept ID)	5.74 t=, se= p=, df=	5.75 t=, se= p=, df=	5.71 t=, se= p=, df=	5.75 t=, se= p=, df=	6.84 t=, se= p=, df=	6.83 t=, se= p=, df=	5.71 t=, se= p=, df=	6.83 t=, se= p=, df=
SD (Observations)	9.54 t=, se= p=, df=	9.53 t=, se= p=, df=	14.66 t=, se= p=, df=	9.53 t=, se= p=, df=	9.75 t=, se= p=, df=	9.75 t=, se= p=, df=	14.66 t=, se= p=, df=	9.75 t=, se= p=, df=
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.004	0.001	0.008	0.005	0.003	0.000	0.008	0.003
R2 Cond.	0.269	0.267	0.139	0.271	0.331	0.329	0.139	0.331
AIC	36 043.5	36 039.5	39 811.7	36 048.4	36 400.1	36 396.0	39 811.7	36 407.4
BIC	36 192.4	36 065.4	39 960.6	36 203.7	36 549.1	36 421.9	39 960.6	36 562.8
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.06	9.08	14.12	9.05	9.24	9.25	14.12	9.23

Table 1.11: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	36044.80	36193.72	-17999.40	35998.80			
C2Path	24.00	36042.25	36197.64	-17997.12	35994.25	4.55	1	0.0328

Table 1.12: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	15.00	20043.42	20130.14	-10006.71	20013.42			
C2Path	16.00	19820.01	19912.51	-9894.00	19788.01	225.41	1	0.0000

Table 1.13: Model H2a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.16[−2.44,2.77] t=0.12, se=1.33 p=0.90, df=4773.00	2.50[1.97,3.04]*** t=9.15, se=0.27 p=0.00, df=4788.00	−5.90[−9.76,−2.04]** t=−3.00, se=1.97 p=0.00, df=4773.00	0.04[−2.57,2.64] t=0.03, se=1.33 p=0.98, df=4772.00	3.66[0.97,6.36]** t=2.66, se=1.38 p=0.01, df=4773.00	3.16[2.55,3.78]*** t=10.08, se=0.31 p=0.00, df=4788.00	−5.90[−9.76,−2.04]** t=−3.00, se=1.97 p=0.00, df=4773.00	3.57[0.87,6.27]** t=2.59, se=1.38 p=0.01, df=4772.00
V_Productcigarettes	1.47[−0.26,3.20]+ t=1.67, se=0.88 p=0.10, df=4773.00		−0.13[−2.71,2.45] t=−0.10, se=1.31 p=0.92, df=4773.00	1.47[−0.26,3.20]+ t=1.67, se=0.88 p=0.10, df=4772.00	0.14[−1.65,1.93] t=0.15, se=0.91 p=0.88, df=4773.00		−0.13[−2.71,2.45] t=−0.10, se=1.31 p=0.92, df=4773.00	0.14[−1.65,1.92] t=0.15, se=0.91 p=0.88, df=4772.00
V_Producthardwaresupplies	−0.23[−1.95,1.48] t=−0.27, se=0.87 p=0.79, df=4773.00		1.56[−0.99,4.11] t=1.20, se=1.30 p=0.23, df=4773.00	−0.19[−1.91,1.52] t=−0.22, se=0.87 p=0.83, df=4772.00	−0.43[−2.20,1.34] t=−0.47, se=0.90 p=0.64, df=4773.00		1.56[−0.99,4.11] t=1.20, se=1.30 p=0.23, df=4773.00	−0.40[−2.17,1.37] t=−0.44, se=0.90 p=0.66, df=4772.00
V_Producttoiletpaper	−0.20[−1.90,1.50] t=−0.23, se=0.87 p=0.82, df=4773.00		−0.09[−2.62,2.43] t=−0.07, se=1.29 p=0.94, df=4773.00	−0.20[−1.90,1.50] t=−0.23, se=0.87 p=0.82, df=4772.00	−1.14[−2.89,0.62] t=−1.27, se=0.90 p=0.20, df=4773.00		−0.09[−2.62,2.43] t=−0.07, se=1.29 p=0.94, df=4773.00	−1.14[−2.90,0.61] t=−1.28, se=0.90 p=0.20, df=4772.00
V_RacenamefBlack	0.52[−1.18,2.23] t=0.60, se=0.87 p=0.55, df=4773.00		0.40[−2.13,2.94] t=0.31, se=1.29 p=0.76, df=4773.00	0.54[−1.17,2.24] t=0.62, se=0.87 p=0.54, df=4772.00	−0.76[−2.52,1.00] t=−0.84, se=0.90 p=0.40, df=4773.00		0.40[−2.13,2.94] t=0.31, se=1.29 p=0.76, df=4773.00	−0.75[−2.51,1.01] t=−0.83, se=0.90 p=0.41, df=4772.00
V_RacenamefChinese	−0.65[−2.37,1.07] t=−0.74, se=0.88 p=0.46, df=4773.00		0.34[−2.21,2.90] t=0.26, se=1.30 p=0.79, df=4773.00	−0.64[−2.36,1.07] t=−0.73, se=0.88 p=0.46, df=4772.00	−1.26[−3.04,0.51] t=−1.40, se=0.91 p=0.16, df=4773.00		0.34[−2.21,2.90] t=0.26, se=1.30 p=0.79, df=4773.00	−1.26[−3.03,0.51] t=−1.39, se=0.91 p=0.16, df=4772.00
V_RacenamefIndian	−0.33[−2.05,1.39] t=−0.37, se=0.88 p=0.71, df=4773.00		−0.84[−3.41,1.72] t=−0.65, se=1.31 p=0.52, df=4773.00	−0.34[−2.06,1.38] t=−0.39, se=0.88 p=0.70, df=4772.00	−2.39[−4.17,−0.61]** t=−2.64, se=0.91 p=0.01, df=4773.00		−0.84[−3.41,1.72] t=−0.65, se=1.31 p=0.52, df=4773.00	−2.40[−4.18,−0.62]** t=−2.65, se=0.91 p=0.01, df=4772.00
V_Age	0.06[0.01,0.12]* t=2.19, se=0.03 p=0.03, df=4773.00		0.07[−0.01,0.15]+ t=1.67, se=0.04 p=0.09, df=4773.00	0.06[0.01,0.12]* t=2.25, se=0.03 p=0.02, df=4772.00	0.01[−0.05,0.07] t=0.41, se=0.03 p=0.68, df=4773.00		0.07[−0.01,0.15]+ t=1.67, se=0.04 p=0.09, df=4773.00	0.01[−0.04,0.07] t=0.45, se=0.03 p=0.66, df=4772.00
V_ProductcigarettesV_RacenamefBlack	−1.70[−4.19,0.79] t=−1.34, se=1.27 p=0.18, df=4773.00		−2.63[−6.31,1.04] t=−1.40, se=1.88 p=0.16, df=4773.00	−1.76[−4.25,0.73] t=−1.39, se=1.27 p=0.17, df=4772.00	−0.07[−2.65,2.51] t=−0.05, se=1.31 p=0.96, df=4773.00		−2.63[−6.31,1.04] t=−1.40, se=1.88 p=0.16, df=4773.00	−0.11[−2.69,2.47] t=−0.08, se=1.31 p=0.93, df=4772.00
V_ProducthardwaresuppliesV_RacenamefBlack	−0.63[−3.12,1.87] t=−0.49, se=1.27 p=0.62, df=4773.00		−0.34[−4.01,3.34] t=−0.18, se=1.88 p=0.86, df=4773.00	−0.65[−3.15,1.84] t=−0.51, se=1.27 p=0.61, df=4772.00	0.30[−2.29,2.89] t=0.23, se=1.32 p=0.82, df=4773.00		−0.34[−4.01,3.34] t=−0.18, se=1.88 p=0.86, df=4773.00	0.28[−2.31,2.86] t=0.21, se=1.32 p=0.83, df=4772.00
V_ProducttoiletpaperV_RacenamefBlack	−0.10[−2.58,2.39] t=−0.08, se=1.27 p=0.94, df=4773.00		−0.19[−3.87,3.48] t=−0.10, se=1.87 p=0.92, df=4773.00	−0.11[−2.59,2.38] t=−0.08, se=1.27 p=0.93, df=4772.00	1.23[−1.34,3.81] t=0.94, se=1.31 p=0.35, df=4773.00		−0.19[−3.87,3.48] t=−0.10, se=1.87 p=0.92, df=4773.00	1.23[−1.35,3.80] t=0.93, se=1.31 p=0.35, df=4772.00
V_ProductcigarettesV_RacenamefChinese	−1.30[−3.79,1.20] t=−1.02, se=1.27 p=0.31, df=4773.00		−0.96[−4.64,2.71] t=−0.51, se=1.88 p=0.61, df=4773.00	−1.31[−3.81,1.18] t=−1.03, se=1.27 p=0.30, df=4772.00	−0.12[−2.70,2.46] t=−0.09, se=1.32 p=0.93, df=4773.00		−0.96[−4.64,2.71] t=−0.51, se=1.88 p=0.61, df=4773.00	−0.13[−2.71,2.45] t=−0.10, se=1.32 p=0.92, df=4772.00
V_ProducthardwaresuppliesV_RacenamefChinese	0.15[−2.37,2.66] t=0.11, se=1.28 p=0.91, df=4773.00		−0.07[−3.78,3.64] t=−0.04, se=1.89 p=0.97, df=4773.00	0.14[−2.37,2.65] t=0.11, se=1.28 p=0.91, df=4772.00	−0.17[−2.77,2.43] t=−0.13, se=1.33 p=0.90, df=4773.00		−0.07[−3.78,3.64] t=−0.04, se=1.89 p=0.97, df=4773.00	−0.17[−2.78,2.43] t=−0.13, se=1.33 p=0.90, df=4772.00
V_ProducttoiletpaperV_RacenamefChinese	0.21[−2.28,2.69] t=0.16, se=1.27 p=0.87, df=4773.00		−1.46[−5.12,2.21] t=−0.78, se=1.87 p=0.44, df=4773.00	0.18[−2.31,2.67] t=0.14, se=1.27 p=0.89, df=4772.00	1.21[−1.37,3.79] t=0.92, se=1.32 p=0.36, df=4773.00		−1.46[−5.12,2.21] t=−0.78, se=1.87 p=0.44, df=4773.00	1.19[−1.39,3.77] t=0.91, se=1.32 p=0.37, df=4772.00
V_ProductcigarettesV_RacenamefIndian	−1.48[−4.01,1.04] t=−1.15, se=1.29 p=0.25, df=4773.00		2.92[−0.81,6.65] t=1.54, se=1.90 p=0.12, df=4773.00	−1.42[−3.95,1.10] t=−1.10, se=1.29 p=0.27, df=4772.00	0.94[−1.68,3.55] t=0.70, se=1.33 p=0.48, df=4773.00		2.92[−0.81,6.65] t=1.54, se=1.90 p=0.12, df=4773.00	0.98[−1.64,3.59] t=0.73, se=1.33 p=0.46, df=4772.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.28[−1.20,3.75] t=1.01, se=1.26 p=0.31, df=4773.00		1.22[−2.44,4.88] t=0.65, se=1.87 p=0.51, df=4773.00	1.29[−1.19,3.77] t=1.02, se=1.26 p=0.31, df=4772.00	1.93[−0.63,4.50] t=1.48, se=1.31 p=0.14, df=4773.00		1.22[−2.44,4.88] t=0.65, se=1.87 p=0.51, df=4773.00	1.94[−0.62,4.50] t=1.48, se=1.31 p=0.14, df=4772.00
V_ProducttoiletpaperV_RacenamefIndian	−0.48[−2.97,2.02] t=−0.37, se=1.27 p=0.71, df=4773.00		1.39[−2.29,5.07] t=0.74, se=1.88 p=0.46, df=4773.00	−0.44[−2.94,2.05] t=−0.35, se=1.27 p=0.73, df=4772.00	3.06[0.48,5.64]* t=2.32, se=1.32 p=0.02, df=4773.00		1.39[−2.29,5.07] t=0.74, se=1.88 p=0.46, df=4773.00	3.08[0.50,5.67]* t=2.34, se=1.32 p=0.02, df=4772.00
MWOther_Self		−0.02[−0.04,0.00]* t=−2.06, se=0.01 p=0.04, df=4788.00		−0.02[−0.04,0.00]* t=−2.11, se=0.01 p=0.03, df=4772.00		−0.01[−0.03,0.01] t=−1.44, se=0.01 p=0.15, df=4788.00		−0.01[−0.03,0.01] t=−1.45, se=0.01 p=0.15, df=4772.00
SD (Intercept ID)	5.74 t=, se= p=, df=	5.75 t=, se= p=, df=	5.70 t=, se= p=, df=	5.75 t=, se= p=, df=	6.84 t=, se= p=, df=	6.83 t=, se= p=, df=	5.70 t=, se= p=, df=	6.83 t=, se= p=, df=
SD (Observations)	9.53 t=, se= p=, df=	9.53 t=, se= p=, df=	14.67 t=, se= p=, df=	9.53 t=, se= p=, df=	9.75 t=, se= p=, df=	9.75 t=, se= p=, df=	14.67 t=, se= p=, df=	9.75 t=, se= p=, df=
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.004	0.001	0.007	0.005	0.003	0.000	0.007	0.003
R2 Cond.	0.269	0.267	0.137	0.271	0.331	0.329	0.137	0.331
AIC	36 034.8	36 039.5	39 812.1	36 039.8	36 393.5	36 396.0	39 812.1	36 400.8
BIC	36 157.8	36 065.4	39 935.1	36 169.3	36 516.6	36 421.9	39 935.1	36 530.3
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.06	9.08	14.13	9.05	9.24	9.25	14.13	9.24

Table 1.14: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	19.00	36037.14	36160.16	-17999.57	35999.14			
C2Path	20.00	36034.69	36164.18	-17997.34	35994.69	4.46	1	0.0347

Table 1.15: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	19.00	36397.13	36520.14	-18179.56	36359.13			
C2Path	20.00	36397.01	36526.50	-18178.51	36357.01	2.12	1	0.1456

Table 1.16: Model H2a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.01[−2.44,2.47] t=0.01, se=1.25 p=0.99, df=4781.00	2.50[1.97,3.04]*** t=9.15, se=0.27 p=0.00, df=4788.00	−5.35[−8.99,−1.70]** t=−2.88, se=1.86 p=0.00, df=4781.00	−0.09[−2.55,2.36] t=−0.07, se=1.25 p=0.94, df=4780.00	3.37[0.82,5.91]** t=2.59, se=1.30 p=0.01, df=4781.00	3.16[2.55,3.78]*** t=10.08, se=0.31 p=0.00, df=4788.00	−5.35[−8.99,−1.70]** t=−2.88, se=1.86 p=0.00, df=4781.00	3.29[0.74,5.84]* t=2.53, se=1.30 p=0.01, df=4780.00
V_ProductMorMorallyQuestionable	0.72[−0.49,1.93] t=1.17, se=0.62 p=0.24, df=4781.00		−0.89[−2.69,0.91] t=−0.97, se=0.92 p=0.33, df=4781.00	0.70[−0.51,1.90] t=1.13, se=0.62 p=0.26, df=4780.00	−0.32[−1.57,0.93] t=−0.50, se=0.64 p=0.62, df=4781.00		−0.89[−2.69,0.91] t=−0.97, se=0.92 p=0.33, df=4781.00	−0.34[−1.58,0.91] t=−0.53, se=0.64 p=0.60, df=4780.00
V_RacenamefBlack	0.21[−0.95,1.36] t=0.35, se=0.59 p=0.72, df=4781.00		0.23[−1.51,1.97] t=0.26, se=0.89 p=0.80, df=4781.00	0.21[−0.94,1.37] t=0.36, se=0.59 p=0.72, df=4780.00	−0.61[−1.80,0.58] t=−1.00, se=0.61 p=0.32, df=4781.00		0.23[−1.51,1.97] t=0.26, se=0.89 p=0.80, df=4781.00	−0.61[−1.80,0.58] t=−1.00, se=0.61 p=0.32, df=4780.00
V_RacenamefChinese	−0.58[−1.76,0.60] t=−0.97, se=0.60 p=0.33, df=4781.00		0.28[−1.50,2.05] t=0.31, se=0.90 p=0.76, df=4781.00	−0.58[−1.76,0.60] t=−0.97, se=0.60 p=0.33, df=4780.00	−1.35[−2.57,−0.13]* t=−2.18, se=0.62 p=0.03, df=4781.00		0.28[−1.50,2.05] t=0.31, se=0.90 p=0.76, df=4781.00	−1.35[−2.57,−0.13]* t=−2.18, se=0.62 p=0.03, df=4780.00
V_RacenamefIndian	0.33[−0.84,1.50] t=0.56, se=0.60 p=0.58, df=4781.00		−0.20[−1.96,1.56] t=−0.22, se=0.90 p=0.82, df=4781.00	0.33[−0.84,1.50] t=0.55, se=0.60 p=0.59, df=4780.00	−1.40[−2.61,−0.19]* t=−2.28, se=0.62 p=0.02, df=4781.00		−0.20[−1.96,1.56] t=−0.22, se=0.90 p=0.82, df=4781.00	−1.41[−2.61,−0.20]* t=−2.29, se=0.62 p=0.02, df=4780.00
V_Age	0.06[0.01,0.12]* t=2.23, se=0.03 p=0.03, df=4781.00		0.08[−0.01,0.16]+ t=1.81, se=0.04 p=0.07, df=4781.00	0.06[0.01,0.12]* t=2.28, se=0.03 p=0.02, df=4780.00	0.01[−0.04,0.07] t=0.48, se=0.03 p=0.63, df=4781.00		0.08[−0.01,0.16]+ t=1.81, se=0.04 p=0.07, df=4781.00	0.02[−0.04,0.07] t=0.52, se=0.03 p=0.60, df=4780.00
V_ProductMorMorallyQuestionableV_RacenamefBlack	−0.54[−2.29,1.20] t=−0.61, se=0.89 p=0.54, df=4781.00		−1.28[−3.87,1.30] t=−0.97, se=1.32 p=0.33, df=4781.00	−0.57[−2.31,1.18] t=−0.64, se=0.89 p=0.52, df=4780.00	0.46[−1.34,2.27] t=0.50, se=0.92 p=0.62, df=4781.00		−1.28[−3.87,1.30] t=−0.97, se=1.32 p=0.33, df=4781.00	0.45[−1.36,2.25] t=0.49, se=0.92 p=0.63, df=4780.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	−0.56[−2.33,1.20] t=−0.63, se=0.90 p=0.53, df=4781.00		−1.15[−3.75,1.46] t=−0.86, se=1.33 p=0.39, df=4781.00	−0.58[−2.35,1.18] t=−0.65, se=0.90 p=0.52, df=4780.00	0.67[−1.15,2.50] t=0.72, se=0.93 p=0.47, df=4781.00		−1.15[−3.75,1.46] t=−0.86, se=1.33 p=0.39, df=4781.00	0.66[−1.16,2.49] t=0.71, se=0.93 p=0.48, df=4780.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	−1.62[−3.40,0.16]+ t=−1.78, se=0.91 p=0.07, df=4781.00		1.49[−1.13,4.11] t=1.11, se=1.34 p=0.27, df=4781.00	−1.58[−3.36,0.20]+ t=−1.74, se=0.91 p=0.08, df=4780.00	1.04[−0.81,2.88] t=1.10, se=0.94 p=0.27, df=4781.00		1.49[−1.13,4.11] t=1.11, se=1.34 p=0.27, df=4781.00	1.07[−0.78,2.91] t=1.13, se=0.94 p=0.26, df=4780.00
MWOther_Self		−0.02[−0.04,0.00]* t=−2.06, se=0.01 p=0.04, df=4788.00		−0.02[−0.04,0.00]* t=−2.08, se=0.01 p=0.04, df=4780.00		−0.01[−0.03,0.01] t=−1.44, se=0.01 p=0.15, df=4788.00		−0.01[−0.03,0.01] t=−1.44, se=0.01 p=0.15, df=4780.00
SD (Intercept ID)	5.73 t=, se= p=, df=	5.75 t=, se= p=, df=	5.71 t=, se= p=, df=	5.74 t=, se= p=, df=	6.84 t=, se= p=, df=	6.83 t=, se= p=, df=	5.71 t=, se= p=, df=	6.83 t=, se= p=, df=
SD (Observations)	9.53 t=, se= p=, df=	9.53 t=, se= p=, df=	14.68 t=, se= p=, df=	9.53 t=, se= p=, df=	9.75 t=, se= p=, df=	9.75 t=, se= p=, df=	14.68 t=, se= p=, df=	9.75 t=, se= p=, df=
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.003	0.001	0.004	0.003	0.002	0.000	0.004	0.002
R2 Cond.	0.268	0.267	0.135	0.269	0.331	0.329	0.135	0.331
AIC	36 038.3	36 039.5	39 829.3	36 043.4	36 396.5	36 396.0	39 829.3	36 403.9
BIC	36 109.5	36 065.4	39 900.5	36 121.1	36 467.8	36 421.9	39 900.5	36 481.5
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.07	9.08	14.15	9.06	9.24	9.25	14.15	9.24

Table 1.17: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	11.00	36028.28	36099.50	-18003.14	36006.28			
C2Path	12.00	36025.96	36103.65	-18000.98	36001.96	4.33	1	0.0375

Table 1.18: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	11.00	36387.22	36458.44	-18182.61	36365.22			
C2Path	12.00	36387.15	36464.84	-18181.57	36363.15	2.07	1	0.1498

1.3 h2b

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 1.19: Model H2b

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−6.62[−10.60,−2.65]** t=−3.27, se=2.03 p=0.00, df=4789.00	−2.66[−3.29,−2.04]*** t=−8.31, se=0.32 p=0.00, df=4788.00	−2.64[−3.27,−2.01]*** t=−8.22, se=0.32 p=0.00, df=4788.00	−2.60[−3.23,−1.96]*** t=−8.02, se=0.32 p=0.00, df=4787.00	−2.60[−3.23,−1.97]*** t=−8.04, se=0.32 p=0.00, df=4786.00	0.08[−2.60,2.76] t=0.06, se=1.37 p=0.95, df=4789.00	4.03[1.23,6.79]** t=2.83, se=1.42 p=0.00, df=4789.00	−6.62[−10.60,−2.65]** t=−3.26, se=2.03 p=0.00, df=4788.00	−6.48[−10.46,−2.50]** t=−3.19, se=2.03 p=0.00, df=4788.00	−6.51[−10.49,−2.53]** t=−3.21, se=2.03 p=0.00, df=4788.00	−6.49[−10.47,−2.51]** t=−3.20, se=2.03 p=0.00, df=4766.00
V_Productcigarettes						1.47[−0.27,3.20]+ t=1.66, se=0.88	0.11[−1.68,1.90] t=0.12, se=0.91	−0.04[−2.62,2.54] t=−0.03, se=1.32	−0.09[−2.67,2.49] t=−0.07, se=1.32	−0.06[−2.64,2.53] t=−0.04, se=1.32	−0.06[−2.64,2.52] t=−0.05, se=1.32
V_Producthardwaressupplies						p=0.10, df=4789.00 −0.26[−1.97,1.46] t=−0.29, se=0.88	p=0.91, df=4789.00 −0.46[−2.24,1.31] t=−0.51, se=0.90	p=0.97, df=4788.00 1.48[−1.07,4.03] t=1.14, se=1.30	p=0.94, df=4788.00 1.46[−1.09,4.02] t=1.13, se=1.30	p=0.97, df=4767.00 1.46[−1.09,4.02] t=1.12, se=1.30	p=0.96, df=4766.00 1.40[−1.15,3.96] t=1.08, se=1.30
V_Producttoiletpaper						p=0.77, df=4789.00 −0.18[−1.89,1.52] t=−0.21, se=0.87	p=0.61, df=4789.00 −1.18[−2.94,0.58] t=−1.32, se=0.90	p=0.26, df=4788.00 0.02[−2.51,2.56] t=0.02, se=1.29	p=0.26, df=4788.00 −0.02[−2.55,2.52] t=−0.01, se=1.29	p=0.26, df=4767.00 −0.04[−2.54,2.52] t=−0.01, se=1.29	p=0.28, df=4766.00 −0.03[−2.56,2.50] t=−0.02, se=1.29
V_RacenamefBlack						p=0.83, df=4789.00 0.54[−1.17,2.25] t=0.62, se=0.87	p=0.19, df=4789.00 −0.76[−2.52,1.01] t=−0.84, se=0.90	p=0.99, df=4788.00 0.53[−2.01,3.07] t=0.41, se=1.30	p=0.99, df=4788.00 0.47[−2.07,3.01] t=0.37, se=1.30	p=0.99, df=4767.00 0.36[−2.04,3.04] t=0.39, se=1.30	p=0.99, df=4766.00 0.50[−2.04,3.04] t=0.39, se=1.30
V_RacenamefChinese						p=0.54, df=4789.00 −0.64[−2.36,1.08] t=−0.73, se=0.88	p=0.40, df=4789.00 −1.28[−3.06,0.49] t=−1.42, se=0.91	p=0.68, df=4788.00 0.39[−2.17,2.95] t=0.30, se=1.30	p=0.71, df=4788.00 0.37[−2.19,2.93] t=0.28, se=1.30	p=0.71, df=4767.00 0.36[−2.20,2.92] t=0.27, se=1.30	p=0.70, df=4766.00 0.34[−2.22,2.90] t=0.26, se=1.30
V_RacenamefIndian						p=0.46, df=4789.00 −0.34[−2.06,1.39] t=−0.38, se=0.88	p=0.16, df=4789.00 −2.44[−4.22,−0.67]** t=−2.68, se=0.91	p=0.77, df=4788.00 −0.85[−3.41,1.72] t=−0.65, se=1.31	p=0.78, df=4788.00 −0.92[−3.49,1.65] t=−0.70, se=1.31	p=0.78, df=4767.00 −0.91[−3.48,1.66] t=−0.69, se=1.31	p=0.80, df=4766.00 −0.93[−3.50,1.63] t=−0.71, se=1.31
V_Age						p=0.70, df=4789.00 0.06[0.01,0.12]* t=2.18, se=0.03	p=0.01, df=4789.00 0.01[−0.05,0.07] t=0.38, se=0.03	p=0.52, df=4788.00 0.07[−0.01,0.15]+ t=1.69, se=0.04	p=0.48, df=4788.00 0.07[−0.01,0.15]+ t=1.65, se=0.04	p=0.49, df=4767.00 0.07[−0.01,0.15]+ t=1.69, se=0.04	p=0.48, df=4766.00 0.07[−0.01,0.15]+ t=1.67, se=0.04
V_Locationinthecity						p=0.03, df=4789.00 −0.01[−0.75,0.72] t=−0.04, se=0.38	p=0.71, df=4789.00 −0.06[−0.82,0.70] t=−0.15, se=0.39	p=0.09, df=4788.00 −0.15[−1.25,0.95] t=−0.27, se=0.56	p=0.10, df=4788.00 −0.15[−1.25,0.95] t=−0.27, se=0.56	p=0.09, df=4767.00 −0.15[−1.25,0.94] t=−0.27, se=0.56	p=0.09, df=4766.00 −0.13[−1.22,0.97] t=−0.23, se=0.56
V_Locationnearby						p=0.97, df=4789.00 0.14[−0.60,0.89] t=0.38, se=0.38	p=0.88, df=4789.00 −0.05[−0.82,0.72] t=−0.12, se=0.39	p=0.79, df=4788.00 0.87[−0.24,1.99] t=1.54, se=0.57	p=0.79, df=4788.00 0.86[−0.25,1.98] t=1.52, se=0.57	p=0.79, df=4767.00 0.87[−0.24,1.98] t=1.53, se=0.57	p=0.82, df=4766.00 0.89[−0.22,2.01] t=1.58, se=0.57
V_StoreTypedepartmentstore						p=0.70, df=4789.00 0.03[−0.70,0.77] t=0.09, se=0.38	p=0.90, df=4789.00 −0.55[−1.32,0.21] t=−1.43, se=0.39	p=0.12, df=4788.00 0.74[−0.36,1.84] t=1.32, se=0.56	p=0.13, df=4788.00 0.72[−0.38,1.82] t=1.29, se=0.56	p=0.13, df=4767.00 0.73[−0.37,1.83] t=1.30, se=0.56	p=0.12, df=4766.00 0.74[−0.36,1.84] t=1.31, se=0.56
V_StoreTypesupermarket						p=0.93, df=4789.00 0.13[−0.60,0.87] t=0.35, se=0.38	p=0.15, df=4789.00 −0.17[−0.93,0.59] t=−0.43, se=0.39	p=0.19, df=4788.00 0.77[−0.33,1.87] t=1.37, se=0.56	p=0.20, df=4788.00 0.75[−0.35,1.85] t=1.34, se=0.56	p=0.20, df=4767.00 0.76[−0.34,1.86] t=1.35, se=0.56	p=0.19, df=4766.00 0.76[−0.33,1.86] t=1.36, se=0.56
V_ProductcigarettesV_RacenamefBlack						p=0.73, df=4789.00 −1.72[−4.21,0.78] t=−1.35, se=1.27	p=0.67, df=4789.00 −0.06[−2.64,2.52] t=−0.05, se=1.32	p=0.17, df=4788.00 −2.82[−6.50,0.86] t=−1.50, se=1.88	p=0.18, df=4788.00 −2.75[−6.43,0.93] t=−1.46, se=1.88	p=0.18, df=4767.00 −2.79[−6.48,0.89] t=−1.49, se=1.88	p=0.17, df=4766.00 −2.82[−6.50,0.86] t=−1.50, se=1.88
V_ProducthardwaressuppliesV_RacenamefBlack						p=0.18, df=4789.00 0.14[−0.62,0.90] t=0.48, se=1.27	p=0.96, df=4789.00 0.28[−2.30,2.87] t=0.21, se=1.32	p=0.13, df=4788.00 −0.30[−3.98,3.38] t=−0.16, se=1.88	p=0.14, df=4788.00 −0.25[−3.92,3.43] t=−0.13, se=1.88	p=0.14, df=4767.00 −0.28[−3.96,3.40] t=−0.15, se=1.88	p=0.13, df=4766.00 −0.22[−3.90,3.46] t=−0.12, se=1.88
V_ProducttoiletpaperV_RacenamefBlack						p=0.63, df=4789.00 −0.13[−2.62,2.36] t=−0.10, se=1.27	p=0.83, df=4789.00 1.24[−1.35,3.82] t=0.94, se=1.32	p=0.87, df=4788.00 −0.38[−4.06,3.30] t=−0.20, se=1.88	p=0.90, df=4788.00 −0.32[−4.00,3.36] t=−0.17, se=1.88	p=0.88, df=4767.00 −0.34[−4.02,3.34] t=−0.18, se=1.88	p=0.91, df=4766.00 −0.36[−4.04,3.32] t=−0.19, se=1.88
V_ProductcigarettesV_RacenamefChinese						p=0.92, df=4789.00 −1.29[−3.79,1.21] t=−1.01, se=1.28	p=0.35, df=4789.00 −0.11[−2.69,2.48] t=−0.08, se=1.32	p=0.84, df=4788.00 −1.03[−4.72,2.65] t=−0.55, se=1.88	p=0.86, df=4788.00 −0.99[−4.68,2.69] t=−0.53, se=1.88	p=0.86, df=4767.00 −1.02[−4.71,2.66] t=−0.54, se=1.88	p=0.85, df=4766.00 −1.01[−4.70,2.67] t=−0.54, se=1.88
V_ProducthardwaressuppliesV_RacenamefChinese						p=0.31, df=4789.00 0.18[−2.35,2.68] t=0.13, se=1.28	p=0.94, df=4789.00 1.23[−1.35,3.82] t=0.94, se=1.32	p=0.58, df=4788.00 0.00[−3.71,3.71] t=0.00, se=1.89	p=0.60, df=4788.00 −0.01[−3.72,3.70] t=−0.01, se=1.89	p=0.60, df=4767.00 0.00[−3.72,3.71] t=0.00, se=1.89	p=0.59, df=4766.00 0.08[−3.63,3.79] t=0.04, se=1.89
V_ProducttoiletpaperV_RacenamefChinese						p=0.90, df=4789.00 −1.47[−4.00,1.06] t=−1.14, se=1.29	p=0.91, df=4789.00 0.99[−1.63,3.61] t=0.74, se=1.34	p=1.00, df=4788.00 −1.02[−5.29,2.06] t=−0.96, se=1.87	p=1.00, df=4788.00 −1.58[−5.25,2.09] t=−0.84, se=1.87	p=1.00, df=4767.00 −1.58[−5.25,2.09] t=−0.84, se=1.87	p=0.97, df=4766.00 −1.61[−5.29,2.06] t=−0.86, se=1.87
V_ProductcigarettesV_RacenamefIndian						p=0.89, df=4789.00 −0.25, df=4789.00	p=0.35, df=4789.00 0.46, df=4789.00	p=0.39, df=4788.00 2.85[−0.88,6.58] t=1.50, se=1.90	p=0.40, df=4788.00 2.93[−0.80,6.66] t=1.54, se=1.90	p=0.40, df=4767.00 2.88[−0.84,6.61] t=1.52, se=1.90	p=0.39, df=4766.00 2.87[−0.85,6.60] t=1.51, se=1.90
V_ProducthardwaressuppliesV_RacenamefIndian						p=0.30, df=4789.00 −0.47[−2.97,2.03] t=−0.37, se=1.27	p=0.13, df=4789.00 3.11[0.52,5.70]* t=2.35, se=1.32	p=0.12, df=4788.00 1.35[−2.31,5.02] t=0.72, se=1.87	p=0.12, df=4788.00 1.38[−2.28,5.05] t=0.74, se=1.87	p=0.13, df=4767.00 1.40[−2.26,5.07] t=0.75, se=1.87	p=0.13, df=4766.00 1.50[−2.17,5.16] t=0.80, se=1.87
V_ProducttoiletpaperV_RacenamefIndian						p=0.71, df=4789.00	p=0.02, df=4789.00	p=0.47, df=4788.00 1.32[−2.36,5.01] t=0.70, se=1.88	p=0.46, df=4788.00 1.45[−2.24,5.14] t=0.77, se=1.88	p=0.45, df=4767.00 1.41[−2.28,5.10] t=0.75, se=1.88	p=0.42, df=4766.00 1.46[−2.23,5.15] t=0.78, se=1.88
CCOther_Self		−0.04[−0.08,0.01]+ t=−1.72, se=0.02 p=0.09, df=4788.00		−0.03[−0.07,0.02] t=−1.20, se=0.02 p=0.23, df=4787.00	−0.04[−0.08,0.01] t=−1.53, se=0.02 p=0.13, df=4786.00				−0.04[−0.08,0.00]+ t=−1.78, se=0.02 p=0.08, df=4768.00		−0.04[−0.09,0.01]+ t=−1.66, se=0.02 p=0.10, df=4766.00
TCOther_Self			−0.04[−0.08,0.00]+ t=−1.81, se=0.02 p=0.07, df=4788.00	−0.03[−0.07,0.01] t=−1.32, se=0.02 p=0.19, df=4787.00	−0.04[−0.08,0.01]+ t=−1.65, se=0.02 p=0.10, df=4786.00					−0.04[−0.08,0.00]+ t=−1.77, se=0.02 p=0.08, df=4768.00	−0.03[−0.07,0.01] t=−1.26, se=0.02 p=0.21, df=4767.00
CCOther_SelfTCOther_Self					0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00						0.00[0.00,0.00] t=1.31, se=0.00 p=0.19, df=4766.00
SD (Intercept ID)	5.71 t=, se= p=, df=	5.72 t=, se= p=, df=	5.68 t=, se= p=, df=	5.70 t=, se= p=, df=	5.69 t=, se= p=, df=	5.74 t=, se= p=, df=	6.84 t=, se= p=, df=	5.74 t=, se= p=, df=	5.69 t=, se= p=, df=	5.72 t=, se= p=, df=	5.70 t=, se= p=, df=
SD (Observations)	14.66 t=, se= p=, df=	14.69 t=, se= p=, df=	14.70 t=, se= p=, df=	14.69 t=, se= p=, df=	14.70 t=, se= p=, df=	9.54 t=, se= p=, df=	9.75 t=, se= p=, df=	14.65 t=, se= p=, df=	14.66 t=, se= p=, df=	14.66 t=, se= p=, df=	14.66 t=, se= p=, df=
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.008	0.001	0.001	0.001	0.001	0.004	0.003	0.009	0.009	0.009	0.009
R2 Cond.	0.139	0.132	0.131	0.132	0.131	0.269	0.331	0.140	0.139	0.140	0.140
AIC	39 811.7	39 841.7	39 841.5	39 847.8	39 860.7	36 043.5	36 400.1	39 816.4	39 816.5	39 822.7	39 835.2
BIC	39 960.6	39 867.6	39 867.4	39 880.2	39 899.5	36 192.4	36 549.1	39 971.8	39 971.9	39 984.5	40 003.5
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.12	14.18	14.19	14.18	14.18	9.06	9.24	14.11	14.12	14.11	14.11

Table 1.20: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.43	39982.82	-19889.72	39779.43	3.15	1	0.0758

Table 1.21: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.45	39982.84	-19889.72	39779.45	3.14	1	0.0765

Table 1.22: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

Table 1.23: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 1.24: Model H2b-2

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−3.01[−4.85,−1.16]** t=−3.20, se=0.94 p=0.00, df=4774.00	−2.66[−3.29,−2.04]*** t=−8.31, se=0.32 p=0.00, df=4788.00	−2.64[−3.27,−2.01]*** t=−8.22, se=0.32 p=0.00, df=4788.00	−2.60[−3.23,−1.96]*** t=−8.02, se=0.32 p=0.00, df=4787.00	−2.60[−3.23,−1.97]*** t=−8.04, se=0.32 p=0.00, df=4786.00	2.70[1.42,3.98]*** t=4.15, se=0.65 p=0.00, df=4774.00	4.15[2.80,5.50]*** t=6.05, se=0.69 p=0.00, df=4774.00	−2.91[−4.76,−1.06]** t=−3.09, se=0.94 p=0.00, df=4773.00	−2.85[−4.70,−1.00]** t=−3.02, se=0.94 p=0.00, df=4773.00	−2.81[−4.67,−0.96]** t=−2.98, se=0.94 p=0.00, df=4772.00	−2.80[−4.65,−0.95]** t=−2.96, se=0.94 p=0.00, df=4771.00
V_Productcigarettes						1.43[−0.30,3.17] t=1.62, se=0.88 p=0.10, df=4774.00	0.13[−1.66,1.92] t=0.14, se=0.91 p=0.89, df=4774.00	−0.13[−2.71,2.44] t=−0.10, se=1.31 p=0.92, df=4773.00	−0.18[−2.75,2.40] t=−0.13, se=1.31 p=0.89, df=4773.00	−0.14[−2.72,2.43] t=−0.11, se=1.31 p=0.91, df=4772.00	−0.15[−2.73,2.42] t=−0.12, se=1.31 p=0.91, df=4771.00
V_Producthardwaresupplies						−0.22[−1.93,1.50] t=−0.25, se=0.87 p=0.80, df=4774.00	−0.42[−2.19,1.35] t=−0.47, se=0.90 p=0.64, df=4774.00	1.57[−0.98,4.12] t=1.20, se=1.30 p=0.23, df=4773.00	1.55[−1.00,4.10] t=1.19, se=1.30 p=0.23, df=4773.00	1.55[−1.00,4.10] t=1.19, se=1.30 p=0.23, df=4772.00	1.49[−1.06,4.04] t=1.15, se=1.30 p=0.25, df=4771.00
V_Producttoiletpaper						−0.24[−1.94,1.46] t=−0.28, se=0.87 p=0.78, df=4774.00	−1.15[−2.90,0.61] t=−1.28, se=0.90 p=0.20, df=4774.00	−0.16[−2.69,2.37] t=−0.12, se=1.29 p=0.90, df=4773.00	−0.20[−2.72,2.33] t=−0.15, se=1.29 p=0.88, df=4773.00	−0.19[−2.72,2.34] t=−0.15, se=1.29 p=0.88, df=4772.00	−0.22[−2.74,2.31] t=−0.17, se=1.29 p=0.87, df=4771.00
V_RacenamefBlack						0.45[−1.26,2.15] t=0.51, se=0.87 p=0.61, df=4774.00	−0.77[−2.53,0.99] t=−0.86, se=0.90 p=0.39, df=4774.00	0.33[−2.20,2.86] t=0.26, se=1.29 p=0.80, df=4773.00	0.28[−2.26,2.81] t=0.21, se=1.29 p=0.83, df=4773.00	0.30[−2.24,2.83] t=0.23, se=1.29 p=0.82, df=4772.00	0.30[−2.23,2.84] t=0.23, se=1.29 p=0.82, df=4771.00
V_RacenamefChinese						−0.64[−2.36,1.08] t=−0.73, se=0.88 p=0.46, df=4774.00	−1.26[−3.04,0.51] t=−1.39, se=0.91 p=0.16, df=4774.00	0.32[−2.24,2.87] t=0.24, se=1.30 p=0.81, df=4773.00	0.29[−2.26,2.85] t=0.23, se=1.30 p=0.82, df=4773.00	0.28[−2.27,2.84] t=0.22, se=1.30 p=0.83, df=4772.00	0.26[−2.29,2.82] t=0.20, se=1.30 p=0.84, df=4771.00
V_RacenamefIndian						−0.39[−2.11,1.33] t=−0.45, se=0.88 p=0.65, df=4774.00	−2.40[−4.18,−0.63]** t=−2.65, se=0.91 p=0.01, df=4774.00	−0.94[−3.51,1.62] t=−0.72, se=1.31 p=0.47, df=4773.00	−1.02[−3.58,1.55] t=−0.78, se=1.31 p=0.44, df=4773.00	−1.01[−3.57,1.56] t=−0.77, se=1.31 p=0.44, df=4772.00	−1.03[−3.60,1.53] t=−0.79, se=1.31 p=0.43, df=4771.00
V_ProductcigarettesV_RacenamefBlack						−1.66[−4.15,0.83] t=−1.31, se=1.27 p=0.19, df=4774.00	−0.06[−2.64,2.52] t=−0.05, se=1.31 p=0.96, df=4774.00	−2.64[−6.32,1.04] t=−1.41, se=1.88 p=0.16, df=4773.00	−2.57[−6.25,1.10] t=−1.37, se=1.88 p=0.17, df=4773.00	−2.61[−6.29,1.07] t=−1.39, se=1.88 p=0.16, df=4772.00	−2.64[−6.32,1.04] t=−1.41, se=1.88 p=0.16, df=4771.00
V_ProducthardwaresuppliesV_RacenamefBlack						−0.62[−3.11,1.88] t=−0.48, se=1.27 p=0.63, df=4774.00	0.30[−2.28,2.89] t=0.23, se=1.32 p=0.82, df=4774.00	−0.35[−4.02,3.33] t=−0.19, se=1.88 p=0.85, df=4773.00	−0.29[−3.97,3.38] t=−0.16, se=1.87 p=0.88, df=4773.00	−0.32[−4.00,3.36] t=−0.17, se=1.88 p=0.86, df=4772.00	−0.27[−3.94,3.41] t=−0.14, se=1.88 p=0.89, df=4771.00
V_ProducttoiletpaperV_RacenamefBlack						0.01[−2.48,2.49] t=0.00, se=1.27 p=1.00, df=4774.00	1.25[−1.32,3.83] t=0.95, se=1.31 p=0.34, df=4774.00	−0.08[−3.75,3.59] t=−0.04, se=1.87 p=0.97, df=4773.00	−0.03[−3.70,3.65] t=−0.01, se=1.87 p=0.99, df=4773.00	−0.04[−3.71,3.63] t=−0.02, se=1.87 p=0.98, df=4772.00	−0.05[−3.73,3.62] t=−0.03, se=1.87 p=0.98, df=4771.00
V_ProductcigarettesV_RacenamefChinese						−1.33[−3.83,1.16] t=−1.05, se=1.27 p=0.30, df=4774.00	−0.13[−2.71,2.46] t=−0.09, se=1.32 p=0.92, df=4774.00	−1.04[−4.72,2.64] t=−0.55, se=1.88 p=0.58, df=4773.00	−1.00[−4.68,2.68] t=−0.53, se=1.88 p=0.59, df=4773.00	−1.03[−4.70,2.65] t=−0.55, se=1.88 p=0.58, df=4772.00	−1.02[−4.69,2.66] t=−0.54, se=1.88 p=0.59, df=4771.00
V_ProducthardwaresuppliesV_RacenamefChinese						0.07[−2.44,2.58] t=0.06, se=1.28 p=0.96, df=4774.00	−0.19[−2.79,2.42] t=−0.14, se=1.33 p=0.89, df=4774.00	−0.15[−3.86,3.56] t=−0.08, se=1.89 p=0.94, df=4773.00	−0.15[−3.86,3.56] t=−0.08, se=1.89 p=0.94, df=4772.00	−0.15[−3.86,3.56] t=−0.08, se=1.89 p=0.94, df=4771.00	−0.07[−3.78,3.65] t=−0.03, se=1.89 p=0.97, df=4771.00
V_ProducttoiletpaperV_RacenamefChinese						0.17[−2.32,2.66] t=0.13, se=1.27 p=0.89, df=4774.00	1.26[−1.38,3.78] t=0.91, se=1.32 p=0.36, df=4774.00	−1.43[−5.10,2.23] t=−0.77, se=1.87 p=0.44, df=4772.00	−1.43[−5.10,2.23] t=−0.77, se=1.87 p=0.44, df=4772.00	−1.44[−5.10,2.23] t=−0.77, se=1.87 p=0.44, df=4772.00	−1.46[−5.13,2.20] t=−0.78, se=1.87 p=0.43, df=4771.00
V_ProductcigarettesV_RacenamefIndian						−1.40[−3.93,1.12] t=−1.09, se=1.29 p=0.28, df=4774.00	0.95[−1.66,3.56] t=0.71, se=1.33 p=0.48, df=4774.00	2.97[−0.75,6.69] t=1.56, se=1.90 p=0.12, df=4773.00	3.05[−0.68,6.77] t=1.60, se=1.90 p=0.11, df=4773.00	3.04[−0.72,6.73] t=1.58, se=1.90 p=0.11, df=4772.00	3.00[−0.73,6.72] t=1.58, se=1.90 p=0.11, df=4771.00
V_ProducthardwaresuppliesV_RacenamefIndian						1.33[−1.15,3.81] t=1.05, se=1.26 p=0.29, df=4774.00	1.94[−0.62,4.51] t=1.49, se=1.31 p=0.14, df=4774.00	1.34[−2.32,5.00] t=0.72, se=1.87 p=0.47, df=4773.00	1.37[−2.29,5.03] t=0.73, se=1.87 p=0.46, df=4773.00	1.39[−2.27,5.05] t=0.74, se=1.87 p=0.46, df=4772.00	1.48[−2.18,5.14] t=0.79, se=1.87 p=0.43, df=4771.00
V_ProducttoiletpaperV_RacenamefIndian						−0.39[−2.89,2.10] t=−0.31, se=1.27 p=0.76, df=4774.00	3.08[0.49,5.66]* t=2.33, se=1.32 p=0.02, df=4774.00	1.48[−2.20,5.15] t=0.79, se=1.88 p=0.43, df=4773.00	1.60[−2.08,5.28] t=0.85, se=1.88 p=0.39, df=4773.00	1.62[−2.06,5.30] t=0.86, se=1.88 p=0.39, df=4771.00	1.62[−2.06,5.30] t=0.86, se=1.88 p=0.39, df=4771.00
CCOther_Self		−0.04[−0.08,0.01]+ t=−1.72, se=0.02 p=0.09, df=4788.00		−0.03[−0.07,0.02] t=−1.20, se=0.02 p=0.23, df=4787.00	−0.04[−0.08,0.01] t=−1.53, se=0.02 p=0.13, df=4786.00			−0.04[−0.08,0.01]+ t=−1.69, se=0.02 p=0.09, df=4773.00			−0.04[−0.08,0.01] t=−1.56, se=0.02 p=0.12, df=4771.00
TCOther_Self			−0.04[−0.08,0.00]+ t=−1.81, se=0.02 p=0.07, df=4788.00	−0.03[−0.07,0.01] t=−1.32, se=0.02 p=0.19, df=4787.00	−0.04[−0.08,0.01]+ t=−1.65, se=0.02 p=0.10, df=4786.00				−0.04[−0.08,0.00]+ t=−1.78, se=0.02 p=0.08, df=4773.00	−0.03[−0.07,0.01] t=−1.30, se=0.02 p=0.19, df=4772.00	−0.04[−0.08,0.01]+ t=−1.69, se=0.02 p=0.09, df=4771.00
CCOther_SelfTCOther_Self					0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00						0.00[0.00,0.00] t=1.29, se=0.00 p=0.20, df=4771.00
SD (Intercept ID)	5.70 t=, se= p=, df=	5.72 t=, se= p=, df=	5.68 t=, se= p=, df=	5.70 t=, se= p=, df=	5.69 t=, se= p=, df=	5.74 t=, se= p=, df=	6.84 t=, se= p=, df=	5.72 t=, se= p=, df=	5.68 t=, se= p=, df=	5.70 t=, se= p=, df=	5.68 t=, se= p=, df=
SD (Observations)	14.67 t=, se= p=, df=	14.69 t=, se= p=, df=	14.70 t=, se= p=, df=	14.69 t=, se= p=, df=	14.70 t=, se= p=, df=	9.54 t=, se= p=, df=	9.75 t=, se= p=, df=	14.66 t=, se= p=, df=	14.67 t=, se= p=, df=	14.67 t=, se= p=, df=	14.67 t=, se= p=, df=
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.006	0.001	0.001	0.001	0.001	0.003	0.003	0.007	0.007	0.007	0.007
R2 Cond.	0.136	0.132	0.131	0.132	0.131	0.268	0.331	0.138	0.136	0.137	0.137
AIC	39 808.4	39 841.7	39 841.5	39 847.8	39 860.7	36 032.3	36 386.5	39 813.4	39 813.2	39 819.6	39 832.1
BIC	39 925.0	39 867.6	39 867.4	39 880.2	39 899.5	36 148.8	36 503.0	39 936.4	39 936.2	39 949.1	39 968.1
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.14	14.18	14.19	14.18	14.18	9.07	9.24	14.13	14.14	14.13	14.13

Table 1.25: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.43	39982.82	-19889.72	39779.43	3.15	1	0.0758

Table 1.26: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.45	39982.84	-19889.72	39779.45	3.14	1	0.0765

Table 1.27: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

Table 1.28: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 1.29: Model H2b-3

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−2.21[−3.53,−0.90]*** t=−3.31, se=0.67 p=0.00, df=4782.00	−2.66[−3.29,−2.04]*** t=−8.31, se=0.32 p=0.00, df=4788.00	−2.64[−3.27,−2.01]*** t=−8.22, se=0.32 p=0.00, df=4788.00	−2.60[−3.23,−1.96]*** t=−8.02, se=0.32 p=0.00, df=4787.00	−2.60[−3.23,−1.97]*** t=−8.04, se=0.32 p=0.00, df=4786.00	2.59[1.66,3.53]*** t=5.44, se=0.48 p=0.00, df=4782.00	3.94[2.94,4.94]*** t=7.72, se=0.51 p=0.00, df=4782.00	−2.12[−3.44,−0.80]** t=−3.15, se=0.67 p=0.00, df=4781.00	−2.07[−3.39,−0.75]** t=−3.07, se=0.67 p=0.00, df=4781.00	−2.03[−3.36,−0.71]** t=−3.01, se=0.67 p=0.00, df=4780.00	−2.05[−3.37,−0.72]** t=−3.03, se=0.67 p=0.00, df=4779.00
V_ProductMorMorallyQuestionable	−0.95[−2.75,0.85] t=−1.04, se=0.92 p=0.30, df=4782.00					0.67[−0.54,1.87] t=1.09, se=0.62 p=0.28, df=4782.00	−0.33[−1.58,0.92] t=−0.52, se=0.64 p=0.60, df=4782.00	−0.93[−2.73,0.87] t=−1.01, se=0.92 p=0.31, df=4781.00	−0.96[−2.76,0.83] t=−1.05, se=0.92 p=0.29, df=4781.00	−0.95[−2.74,0.85] t=−1.03, se=0.92 p=0.30, df=4780.00	−0.93[−2.73,0.87] t=−1.02, se=0.92 p=0.31, df=4779.00
V_RacenamefBlack	0.15[−1.59,1.89] t=0.16, se=0.89 p=0.87, df=4782.00					0.14[−1.02,1.29] t=0.23, se=0.59 p=0.81, df=4782.00	−0.62[−1.81,0.56] t=−1.03, se=0.61 p=0.30, df=4782.00	0.15[−1.59,1.89] t=0.17, se=0.89 p=0.87, df=4781.00	0.12[−1.62,1.86] t=0.14, se=0.89 p=0.89, df=4781.00	0.13[−1.61,1.87] t=0.14, se=0.89 p=0.89, df=4780.00	0.16[−1.58,1.90] t=0.18, se=0.89 p=0.86, df=4779.00
V_RacenamefChinese	0.24[−1.53,2.01] t=0.27, se=0.90 p=0.79, df=4782.00					−0.61[−1.79,0.57] t=−1.02, se=0.60 p=0.31, df=4782.00	−1.36[−2.57,−0.14]* t=−2.19, se=0.62 p=0.03, df=4782.00	0.21[−1.56,1.99] t=0.24, se=0.90 p=0.81, df=4781.00	0.19[−1.59,1.96] t=0.21, se=0.91 p=0.84, df=4781.00	0.18[−1.59,1.95] t=0.20, se=0.91 p=0.84, df=4780.00	0.20[−1.57,1.98] t=0.22, se=0.91 p=0.82, df=4779.00
V_RacenamefIndian	−0.25[−2.00,1.51] t=−0.27, se=0.90 p=0.78, df=4782.00					0.29[−0.88,1.47] t=0.49, se=0.60 p=0.62, df=4782.00	−1.41[−2.62,−0.20]* t=−2.29, se=0.62 p=0.02, df=4782.00	−0.24[−1.99,1.52] t=−0.26, se=0.90 p=0.79, df=4781.00	−0.29[−2.05,1.46] t=−0.33, se=0.90 p=0.74, df=4781.00	−0.28[−2.03,1.48] t=−0.31, se=0.90 p=0.76, df=4780.00	−0.26[−2.01,1.50] t=−0.29, se=0.90 p=0.78, df=4779.00
V_ProductMorMorallyQuestionableV_RacenamefBlack	−1.21[−3.79,1.37] t=−0.92, se=1.32 p=0.36, df=4782.00					−0.48[−2.22,1.26] t=−0.54, se=0.89 p=0.59, df=4782.00	0.48[−1.33,2.28] t=0.52, se=0.92 p=0.60, df=4782.00	−1.19[−3.77,1.40] t=−0.93, se=1.32 p=0.35, df=4781.00	−1.19[−3.77,1.40] t=−0.90, se=1.32 p=0.37, df=4781.00	−1.20[−3.78,1.38] t=−0.91, se=1.32 p=0.36, df=4780.00	−1.25[−3.83,1.34] t=−0.95, se=1.32 p=0.34, df=4779.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	−1.14[−3.75,1.46] t=−0.86, se=1.33 p=0.39, df=4782.00					−0.56[−2.33,1.20] t=−0.63, se=0.90 p=0.53, df=4782.00	0.67[−1.15,2.50] t=0.72, se=0.93 p=0.47, df=4782.00	−1.15[−3.76,1.45] t=−0.87, se=1.33 p=0.38, df=4781.00	−1.11[−3.72,1.49] t=−0.84, se=1.33 p=0.40, df=4781.00	−1.13[−3.73,1.48] t=−0.85, se=1.33 p=0.40, df=4780.00	−1.17[−3.78,1.43] t=−0.88, se=1.33 p=0.38, df=4779.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	1.55[−1.07,4.17] t=1.16, se=1.34 p=0.25, df=4782.00					−1.56[−3.34,0.22]+ t=−1.72, se=0.91 p=0.09, df=4782.00	1.05[−0.79,2.89] t=1.12, se=0.94 p=0.26, df=4782.00	1.50[−1.12,4.12] t=1.12, se=1.34 p=0.26, df=4781.00	1.59[−1.03,4.20] t=1.19, se=1.34 p=0.24, df=4781.00	1.54[−1.08,4.16] t=1.15, se=1.34 p=0.25, df=4780.00	1.52[−1.10,4.13] t=1.13, se=1.34 p=0.26, df=4779.00
CCOther_Self		−0.04[−0.08,0.01]+ t=−1.72, se=0.02 p=0.09, df=4788.00		−0.03[−0.07,0.02] t=−1.20, se=0.02 p=0.23, df=4787.00	−0.04[−0.08,0.01] t=−1.53, se=0.02 p=0.13, df=4786.00			−0.04[−0.08,0.01]+ t=−1.67, se=0.02 p=0.09, df=4781.00		−0.03[−0.07,0.02] t=−1.16, se=0.02 p=0.25, df=4780.00	−0.03[−0.07,0.01] t=−1.55, se=0.02 p=0.12, df=4779.00
TCOther_Self			−0.04[−0.08,0.00]+ t=−1.81, se=0.02 p=0.07, df=4788.00	−0.03[−0.07,0.01] t=−1.32, se=0.02 p=0.19, df=4787.00	−0.04[−0.08,0.01]+ t=−1.65, se=0.02 p=0.10, df=4786.00				−0.04[−0.08,0.00]+ t=−1.77, se=0.02 p=0.08, df=4781.00	−0.04[−0.08,0.01]+ t=−1.30, se=0.02 p=0.19, df=4780.00	−0.04[−0.08,0.01]+ t=−1.69, se=0.02 p=0.09, df=4779.00
CCOther_SelfTCOther_Self					0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00						0.00[0.00,0.00] t=1.30, se=0.00 p=0.19, df=4779.00
SD (Intercept ID)	5.71 t=., se=. p=., df=.	5.72 t=., se=. p=., df=.	5.68 t=., se=. p=., df=.	5.70 t=., se=. p=., df=.	5.69 t=., se=. p=., df=.	5.74 t=., se=. p=., df=.	6.84 t=., se=. p=., df=.	5.73 t=., se=. p=., df=.	5.69 t=., se=. p=., df=.	5.71 t=., se=. p=., df=.	5.70 t=., se=. p=., df=.
SD (Observations)	14.68 t=., se=. p=., df=.	14.69 t=., se=. p=., df=.	14.70 t=., se=. p=., df=.	14.69 t=., se=. p=., df=.	14.70 t=., se=. p=., df=.	9.54 t=., se=. p=., df=.	9.75 t=., se=. p=., df=.	14.67 t=., se=. p=., df=.	14.68 t=., se=. p=., df=.	14.68 t=., se=. p=., df=.	14.68 t=., se=. p=., df=.
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.003	0.001	0.001	0.001	0.001	0.002	0.001	0.004	0.004	0.004	0.005
R2 Cond.	0.134	0.132	0.131	0.132	0.131	0.267	0.331	0.136	0.134	0.135	0.135
AIC	39 826.1	39 841.7	39 841.5	39 847.8	39 860.7	36 036.0	36 269.5	39 831.1	39 830.9	39 837.3	39 849.8
BIC	39 890.8	39 867.6	39 867.4	39 880.2	39 899.5	36 100.7	36 454.3	39 902.4	39 902.1	39 915.0	39 934.0
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.16	14.18	14.19	14.18	14.18	9.07	9.24	14.15	14.16	14.15	14.15

Table 1.30: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.43	39982.82	-19889.72	39779.43	3.15	1	0.0758

Table 1.31: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	24.00	39827.45	39982.84	-19889.72	39779.45	3.14	1	0.0765

Table 1.32: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

Table 1.33: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	39828.59	39977.50	-19891.29	39782.59			
C2Path	25.00	39827.83	39989.70	-19888.92	39777.83	4.75	2	0.0928

1.4 H2c

Table 1.34: Model H2c

	Other~Self	AllProd	AllProdCross	Prod2level	Prod2levelCross
(Intercept)	3.32[2.58,4.06]***	1.20[−0.53,2.94]	3.78[1.70,5.86]***	2.41[1.14,3.67]***	3.47[1.95,5.00]***
	t=8.76, se=0.38	t=1.36, se=0.89	t=3.56, se=1.06	t=3.72, se=0.65	t=4.47, se=0.78
	p=0.00, df=4788.00	p=0.17, df=4773.00	p=0.00, df=4758.00	p=0.00, df=4781.00	p=0.00, df=4774.00
MorallyWrong_self	0.78[0.77,0.80]***	0.77[0.76,0.79]***	0.62[0.55,0.69]***	0.77[0.76,0.79]***	0.72[0.67,0.77]***
	t=105.50, se=0.01	t=100.66, se=0.01	t=17.57, se=0.04	t=101.30, se=0.01	t=31.23, se=0.02
	p=0.00, df=4788.00	p=0.00, df=4773.00	p=0.00, df=4758.00	p=0.00, df=4781.00	p=0.00, df=4774.00
V_Productcigarettes		4.90[2.51,7.30]***	−0.20[−3.46,3.06]		
		t=4.02, se=1.22	t=−0.12, se=1.66		
		p=0.00, df=4773.00	p=0.91, df=4758.00		
V_Producthardwaresupplies		2.50[0.16,4.85]*	−0.19[−3.11,2.73]		
		t=2.09, se=1.20	t=−0.13, se=1.49		
		p=0.04, df=4773.00	p=0.90, df=4758.00		
V_Producttoiletpaper		3.39[1.05,5.72]**	1.39[−1.66,4.44]		
		t=2.84, se=1.19	t=0.89, se=1.56		
		p=0.00, df=4773.00	p=0.37, df=4758.00		
V_RacenamefBlack		0.46[−1.87,2.79]	1.35[−1.51,4.20]	0.40[−1.19,1.99]	0.18[−1.84,2.19]
		t=0.39, se=1.19	t=0.93, se=1.46	t=0.49, se=0.81	t=0.17, se=1.03
		p=0.70, df=4773.00	p=0.35, df=4758.00	p=0.62, df=4781.00	p=0.86, df=4774.00
V_RacenamefChinese		0.72[−1.63,3.07]	−1.14[−4.01,1.73]	0.68[−0.95,2.31]	−0.70[−2.79,1.39]
		t=0.60, se=1.20	t=−0.78, se=1.46	t=0.82, se=0.83	t=−0.66, se=1.07
		p=0.55, df=4773.00	p=0.44, df=4758.00	p=0.41, df=4781.00	p=0.51, df=4774.00
V_RacenamefIndian		−0.28[−2.64,2.08]	0.06[−2.83,2.95]	0.26[−1.35,1.87]	−0.28[−2.32,1.75]
		t=−0.23, se=1.20	t=0.04, se=1.48	t=0.32, se=0.82	t=−0.27, se=1.04
		p=0.82, df=4773.00	p=0.97, df=4758.00	p=0.75, df=4781.00	p=0.79, df=4774.00
V_ProductcigarettesV_RacenamefBlack		−3.15[−6.54,0.25]+	0.10[−4.52,4.71]		
		t=−1.82, se=1.73	t=0.04, se=2.36		
		p=0.07, df=4773.00	p=0.97, df=4758.00		
V_ProducthardwaresuppliesV_RacenamefBlack		−0.06[−3.45,3.34]	−2.46[−6.66,1.74]		
		t=−0.03, se=1.73	t=−1.15, se=2.14		
		p=0.97, df=4773.00	p=0.25, df=4758.00		
V_ProducttoiletpaperV_RacenamefBlack		−0.72[−4.11,2.67]	−4.71[−9.08,−0.33]*		
		t=−0.42, se=1.73	t=−2.11, se=2.23		
		p=0.68, df=4773.00	p=0.03, df=4758.00		
V_ProductcigarettesV_RacenamefChinese		−3.40[−6.80,0.00]*	0.56[−3.92,5.05]		
		t=−1.96, se=1.73	t=0.25, se=2.29		
		p=0.05, df=4773.00	p=0.81, df=4758.00		
V_ProducthardwaresuppliesV_RacenamefChinese		0.06[−3.37,3.48]	0.50[−3.80,4.81]		
		t=0.03, se=1.75	t=0.23, se=2.20		
		p=0.97, df=4773.00	p=0.82, df=4758.00		
V_ProducttoiletpaperV_RacenamefChinese		−2.45[−5.84,0.94]	−1.20[−5.58,3.17]		
		t=−1.42, se=1.73	t=−0.54, se=2.23		
		p=0.16, df=4773.00	p=0.59, df=4758.00		
V_ProductcigarettesV_RacenamefIndian		0.78[−2.66,4.22]	3.04[−1.63,7.71]		
		t=0.45, se=1.76	t=1.28, se=2.38		
		p=0.66, df=4773.00	p=0.20, df=4758.00		
V_ProducthardwaresuppliesV_RacenamefIndian		1.01[−2.37,4.39]	−0.94[−5.12,3.24]		
		t=0.59, se=1.72	t=−0.44, se=2.13		
		p=0.56, df=4773.00	p=0.66, df=4758.00		
V_ProducttoiletpaperV_RacenamefIndian		0.38[−3.02,3.78]	−1.83[−6.22,2.57]		
		t=0.22, se=1.73	t=−0.82, se=2.24		
		p=0.83, df=4773.00	p=0.42, df=4758.00		
MorallyWrong_selfV_Productcigarettes			0.21[0.13,0.29]***		
			t=4.95, se=0.04		
			p=0.00, df=4758.00		
MorallyWrong_selfV_Producthardwaresupplies			0.16[0.07,0.25]***		
			t=3.39, se=0.05		
			p=0.00, df=4758.00		
MorallyWrong_selfV_Producttoiletpaper			0.13[0.05,0.22]**		
			t=3.06, se=0.04		
			p=0.00, df=4758.00		
MorallyWrong_selfV_RacenamefBlack			−0.02[−0.11,0.07]		0.02[−0.04,0.07]
			t=−0.44, se=0.05		t=0.50, se=0.03
			p=0.66, df=4758.00		p=0.62, df=4774.00
MorallyWrong_selfV_RacenamefChinese			0.11[0.02,0.20]*		0.07[0.01,0.13]*
			t=2.41, se=0.05		t=2.15, se=0.03
			p=0.02, df=4758.00		p=0.03, df=4774.00
MorallyWrong_selfV_RacenamefIndian			0.01[−0.08,0.10]		0.03[−0.03,0.09]
			t=0.24, se=0.05		t=0.97, se=0.03
			p=0.81, df=4758.00		p=0.33, df=4774.00
MorallyWrong_selfV_ProductcigarettesV_RacenamefBlack			−0.08[−0.20,0.03]		
			t=−1.41, se=0.06		
			p=0.16, df=4758.00		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefBlack			0.08[−0.04,0.20]		
			t=1.30, se=0.06		
			p=0.19, df=4758.00		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefBlack			0.12[0.01,0.24]*		
			t=2.05, se=0.06		
			p=0.04, df=4758.00		
MorallyWrong_selfV_ProductcigarettesV_RacenamefChinese			−0.16[−0.27,−0.04]**		
			t=−2.71, se=0.06		
			p=0.01, df=4758.00		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefChinese			−0.06[−0.19,0.06]		
			t=−0.99, se=0.06		
			p=0.32, df=4758.00		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefChinese			−0.09[−0.21,0.02]		
			t=−1.57, se=0.06		
			p=0.12, df=4758.00		
MorallyWrong_selfV_ProductcigarettesV_RacenamefIndian			−0.07[−0.19,0.04]		
			t=−1.24, se=0.06		
			p=0.21, df=4758.00		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefIndian			0.06[−0.06,0.18]		
			t=0.91, se=0.06		
			p=0.36, df=4758.00		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefIndian			0.05[−0.07,0.16]		
			t=0.81, se=0.06		
			p=0.42, df=4758.00		
V_ProductMorMorallyQuestionable				2.80[1.13,4.48]**	0.87[−1.39,3.13]
				t=3.28, se=0.85	t=0.76, se=1.15
				p=0.00, df=4781.00	p=0.45, df=4774.00
V_ProductMorMorallyQuestionableV_RacenamefBlack				−1.85[−4.24,0.53]	−1.22[−4.43,2.00]
				t=−1.52, se=1.22	t=−0.74, se=1.64
				p=0.13, df=4781.00	p=0.46, df=4774.00
V_ProductMorMorallyQuestionableV_RacenamefChinese				−2.84[−5.25,−0.43]*	−0.76[−3.97,2.45]
				t=−2.31, se=1.23	t=−0.46, se=1.64
				p=0.02, df=4781.00	p=0.64, df=4774.00
V_ProductMorMorallyQuestionableV_RacenamefIndian				0.06[−2.37,2.49]	0.81[−2.44,4.06]
				t=0.05, se=1.24	t=0.49, se=1.66
				p=0.96, df=4781.00	p=0.63, df=4774.00
MorallyWrong_selfV_ProductMorMorallyQuestionable					0.08[0.02,0.13]**
					t=2.68, se=0.03
					p=0.01, df=4774.00
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefBlack					−0.03[−0.10,0.05]
					t=−0.64, se=0.04
					p=0.52, df=4774.00
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefChinese					−0.08[−0.16,−0.01]*
					t=−2.10, se=0.04
					p=0.04, df=4774.00
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefIndian					−0.03[−0.11,0.05]
					t=−0.81, se=0.04
					p=0.42, df=4774.00
SD (Intercept ID)	6.17	6.27	6.28	6.23	6.28
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
SD (Observations)	13.37	13.29	13.13	13.33	13.31
	t=, se=	t=, se=	t=, se=	t=, se=	t=, se=
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
Num.Obs.	4792	4792	4792	4792	4792
R2 Marg.	0.733	0.733	0.737	0.732	0.732
R2 Cond.	0.780	0.781	0.786	0.780	0.781
AIC	39 062.2	39 006.5	38 996.3	39 039.3	39 078.8
BIC	39 088.1	39 129.6	39 216.4	39 110.5	39 195.3
ICC	0.2	0.2	0.2	0.2	0.2
RMSE	12.83	12.72	12.54	12.77	12.74

1.5 H3a

refitting model(s) with ML (instead of REML)

Table 1.35: Model H3a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	−0.05[−4.39,4.28] t=−0.02, se=2.21 p=0.98, df=2356.00	1.08[0.58,1.59]*** t=4.19, se=0.26 p=0.00, df=2392.00	10.22[1.87,18.58]* t=2.40, se=4.26 p=0.02, df=2356.00	−0.69[−5.00,3.61] t=−0.32, se=2.20 p=0.75, df=2355.00	2.30[−2.25,6.86] t=0.99, se=2.32 p=0.32, df=2356.00	0.85[0.32,1.37]** t=3.13, se=0.27 p=0.00, df=2392.00	10.22[1.87,18.58]* t=2.40, se=4.26 p=0.02, df=2356.00	1.32[−3.17,5.81] t=0.58, se=2.29 p=0.56, df=2355.00
V_PresentationDefensive	−0.63[−4.35,3.08] t=−0.33, se=1.90 p=0.74, df=2356.00		−15.52[−22.68,−8.35]*** t=−4.25, se=3.65 p=0.00, df=2356.00	0.33[−3.38,4.03] t=0.17, se=1.89 p=0.86, df=2355.00	−0.01[−3.92,3.89] t=−0.01, se=1.99 p=0.99, df=2356.00		−15.52[−22.68,−8.35]*** t=−4.25, se=3.65 p=0.00, df=2356.00	1.46[−2.40,5.33] t=0.74, se=1.97 p=0.46, df=2355.00
V_Productcigarettes	3.36[−0.19,6.91]+ t=1.86, se=1.81 p=0.06, df=2356.00		−1.79[−8.63,5.06] t=−0.51, se=3.49 p=0.61, df=2356.00	3.46[−0.07,6.98]+ t=1.92, se=1.80 p=0.05, df=2355.00	0.29[−3.44,4.03] t=0.15, se=1.90 p=0.88, df=2356.00		−1.79[−8.63,5.06] t=−0.51, se=3.49 p=0.61, df=2356.00	0.44[−3.23,4.12] t=0.24, se=1.88 p=0.81, df=2355.00
V_Producthardwaresupplies	−0.39[−3.83,3.05] t=−0.22, se=1.75 p=0.83, df=2356.00		6.17[−0.46,12.80]+ t=1.82, se=3.38 p=0.07, df=2356.00	−0.79[−4.21,2.63] t=−0.45, se=1.74 p=0.65, df=2355.00	−1.35[−4.97,2.27] t=−0.73, se=1.84 p=0.46, df=2356.00		6.17[−0.46,12.80]+ t=1.82, se=3.38 p=0.07, df=2356.00	−1.95[−5.52,1.62] t=−1.07, se=1.82 p=0.28, df=2355.00
V_Producttoiletpaper	0.43[−3.17,4.03] t=0.23, se=1.84 p=0.82, df=2356.00		18.60[11.65,25.54]*** t=5.25, se=3.54 p=0.00, df=2356.00	−0.77[−4.37,2.83] t=−0.42, se=1.84 p=0.67, df=2355.00	−0.94[−4.73,2.85] t=−0.49, se=1.93 p=0.63, df=2356.00		18.60[11.65,25.54]*** t=5.25, se=3.54 p=0.00, df=2356.00	−2.76[−6.51,1.00] t=−1.44, se=1.91 p=0.15, df=2355.00
V_RacenamefBlack	−0.89[−4.43,2.65] t=−0.49, se=1.81 p=0.62, df=2356.00		−1.39[−8.21,5.42] t=−0.40, se=3.48 p=0.69, df=2356.00	−0.82[−4.33,2.70] t=−0.46, se=1.79 p=0.65, df=2355.00	−0.42[−4.14,3.30] t=−0.22, se=1.90 p=0.82, df=2356.00		−1.39[−8.21,5.42] t=−0.40, se=3.48 p=0.69, df=2356.00	−0.30[−3.96,3.37] t=−0.16, se=1.87 p=0.87, df=2355.00
V_RacenamefChinese	−0.35[−4.13,3.43] t=−0.18, se=1.93 p=0.86, df=2356.00		−1.66[−8.94,5.63] t=−0.45, se=3.72 p=0.66, df=2356.00	−0.25[−4.01,3.51] t=−0.13, se=1.91 p=0.90, df=2355.00	0.00[−3.98,3.98] t=0.00, se=2.03 p=1.00, df=2356.00		−1.66[−8.94,5.63] t=−0.45, se=3.72 p=0.66, df=2356.00	0.16[−3.76,4.07] t=0.08, se=2.00 p=0.94, df=2355.00
V_RacenamefIndian	1.54[−1.95,5.02] t=0.86, se=1.78 p=0.39, df=2356.00		1.22[−5.49,7.94] t=0.36, se=3.42 p=0.72, df=2356.00	1.46[−2.00,4.92] t=0.83, se=1.77 p=0.41, df=2355.00	−0.44[−4.10,3.23] t=−0.23, se=1.87 p=0.82, df=2356.00		1.22[−5.49,7.94] t=0.36, se=3.42 p=0.72, df=2356.00	−0.55[−4.16,3.06] t=−0.30, se=1.84 p=0.76, df=2355.00
V_Age	0.02[−0.07,0.10] t=0.44, se=0.04 p=0.66, df=2356.00		−0.06[−0.22,0.10] t=−0.71, se=0.08 p=0.48, df=2356.00	0.02[−0.06,0.11] t=0.54, se=0.04 p=0.59, df=2355.00	−0.02[−0.11,0.07] t=−0.42, se=0.05 p=0.68, df=2356.00		−0.06[−0.22,0.10] t=−0.71, se=0.08 p=0.48, df=2356.00	−0.01[−0.10,0.07] t=−0.29, se=0.04 p=0.77, df=2355.00
V_Locationinthecity	0.77[−0.35,1.89] t=1.34, se=0.57 p=0.18, df=2356.00		0.66[−1.50,2.81] t=0.60, se=1.10 p=0.55, df=2356.00	0.74[−0.38,1.85] t=1.30, se=0.57 p=0.19, df=2355.00	1.22[0.04,2.40]* t=2.03, se=0.60 p=0.04, df=2356.00		0.66[−1.50,2.81] t=0.60, se=1.10 p=0.55, df=2356.00	1.18[0.02,2.34]* t=2.00, se=0.59 p=0.05, df=2355.00
V_Locationnearby	0.03[−1.11,1.17] t=0.05, se=0.58 p=0.96, df=2356.00		−1.02[−3.21,1.17] t=−0.91, se=1.12 p=0.36, df=2356.00	0.10[−1.03,1.23] t=0.18, se=0.58 p=0.86, df=2355.00	0.31[−0.89,1.51] t=0.51, se=0.61 p=0.61, df=2356.00		−1.02[−3.21,1.17] t=−0.91, se=1.12 p=0.36, df=2356.00	0.42[−0.76,1.60] t=0.70, se=0.60 p=0.49, df=2355.00
V_StoreTypedepartmentstore	0.93[−0.20,2.05] t=1.61, se=0.57 p=0.11, df=2356.00		1.19[−0.98,3.36] t=1.07, se=1.11 p=0.28, df=2356.00	0.84[−0.28,1.96] t=1.47, se=0.57 p=0.14, df=2355.00	0.58[−0.60,1.76] t=0.96, se=0.60 p=0.34, df=2356.00		1.19[−0.98,3.36] t=1.07, se=1.11 p=0.28, df=2356.00	0.45[−0.72,1.61] t=0.75, se=0.59 p=0.45, df=2355.00
V_StoreTypesupermarket	0.90[−0.22,2.02] t=1.57, se=0.57 p=0.12, df=2356.00		0.93[−1.23,3.09] t=0.84, se=1.10 p=0.40, df=2356.00	0.84[−0.28,1.95] t=1.47, se=0.57 p=0.14, df=2355.00	1.29[0.11,2.47]* t=2.14, se=0.60 p=0.03, df=2356.00		0.93[−1.23,3.09] t=0.84, se=1.10 p=0.40, df=2356.00	1.20[0.04,2.36]* t=2.02, se=0.59 p=0.04, df=2355.00
V_PresentationDefensiveV_Productcigarettes	−0.99[−6.24,4.27] t=−0.37, se=2.68 p=0.71, df=2356.00		11.80[1.68,21.92]* t=2.29, se=5.16 p=0.02, df=2356.00	−1.69[−6.91,3.53] t=−0.64, se=2.66 p=0.52, df=2355.00	0.31[−5.21,5.83] t=0.11, se=2.82 p=0.91, df=2356.00		11.80[1.68,21.92]* t=2.29, se=5.16 p=0.02, df=2356.00	−0.77[−6.21,4.68] t=−0.28, se=2.78 p=0.78, df=2355.00
V_PresentationDefensiveV_Producthardwaresupplies	−1.45[−6.69,3.78] t=−0.54, se=2.67 p=0.59, df=2356.00		−14.26[−24.34,−4.17]** t=−2.77, se=5.14 p=0.01, df=2356.00	−0.54[−5.75,4.66] t=−0.20, se=2.65 p=0.84, df=2355.00	−3.08[−8.58,2.43] t=−1.10, se=2.81 p=0.27, df=2356.00		−14.26[−24.34,−4.17]** t=−2.77, se=5.14 p=0.01, df=2356.00	−1.71[−7.15,3.72] t=−0.62, se=2.77 p=0.54, df=2355.00
V_PresentationDefensiveV_Producttoiletpaper	0.66[−4.49,5.81] t=0.25, se=2.63 p=0.80, df=2356.00		−12.70[−22.62,−2.77]* t=−2.51, se=5.06 p=0.01, df=2356.00	1.49[−3.63,6.61] t=0.57, se=2.61 p=0.57, df=2355.00	0.41[−5.01,5.82] t=0.15, se=2.76 p=0.88, df=2356.00		−12.70[−22.62,−2.77]* t=−2.51, se=5.06 p=0.01, df=2356.00	1.64[−3.70,6.98] t=0.60, se=2.72 p=0.55, df=2355.00
V_PresentationDefensiveV_RacenamefBlack	1.07[−4.10,6.24] t=0.41, se=2.64 p=0.68, df=2356.00		−1.50[−11.46,8.45] t=−0.30, se=5.08 p=0.77, df=2356.00	1.17[−3.96,6.30] t=0.45, se=2.62 p=0.65, df=2355.00	−2.63[−8.06,2.80] t=−0.95, se=2.77 p=0.34, df=2356.00		−1.50[−11.46,8.45] t=−0.30, se=5.08 p=0.77, df=2356.00	−2.53[−7.88,2.83] t=−0.93, se=2.73 p=0.35, df=2355.00
V_PresentationDefensiveV_RacenamefChinese	−0.46[−5.71,4.80] t=−0.17, se=2.68 p=0.87, df=2356.00		−0.66[−10.78,9.46] t=−0.13, se=5.16 p=0.90, df=2356.00	−0.42[−5.64,4.80] t=−0.16, se=2.66 p=0.87, df=2355.00	−2.36[−7.89,3.16] t=−0.84, se=2.82 p=0.40, df=2356.00		−0.66[−10.78,9.46] t=−0.13, se=5.16 p=0.90, df=2356.00	−2.35[−7.79,3.10] t=−0.85, se=2.77 p=0.40, df=2355.00
V_PresentationDefensiveV_RacenamefIndian	−2.36[−7.61,2.88] t=−0.88, se=2.67 p=0.38, df=2356.00		−3.97[−14.07,6.13] t=−0.77, se=5.15 p=0.44, df=2356.00	−2.09[−7.30,3.12] t=−0.79, se=2.66 p=0.43, df=2355.00	−2.34[−7.85,3.17] t=−0.83, se=2.81 p=0.41, df=2356.00		−3.97[−14.07,6.13] t=−0.77, se=5.15 p=0.44, df=2356.00	−1.95[−7.38,3.48] t=−0.70, se=2.77 p=0.48, df=2355.00
V_PresentationDefensiveV_RacenamefBlack	−3.07[−8.18,2.05] t=−1.18, se=2.61 p=0.24, df=2356.00		−3.40[−13.21,6.41] t=−0.68, se=5.00 p=0.50, df=2356.00	−2.81[−7.89,2.26] t=−1.09, se=2.59 p=0.28, df=2355.00	−2.34[−7.72,3.04] t=−0.85, se=2.74 p=0.39, df=2356.00		−3.40[−13.21,6.41] t=−0.68, se=5.00 p=0.50, df=2356.00	−1.98[−7.28,3.32] t=−0.73, se=2.70 p=0.46, df=2355.00
V_PresentationDefensiveV_RacenamefChinese	3.10[−2.06,8.27] t=1.18, se=2.63 p=0.24, df=2356.00		−3.16[−13.06,6.74] t=−0.63, se=5.05 p=0.53, df=2356.00	3.32[−1.81,8.44] t=1.27, se=2.62 p=0.20, df=2355.00	1.96[−3.47,7.40] t=0.71, se=2.77 p=0.48, df=2356.00		−3.16[−13.06,6.74] t=−0.63, se=5.05 p=0.53, df=2356.00	2.25[−3.10,7.60] t=0.83, se=2.73 p=0.41, df=2355.00
V_PresentationDefensiveV_RacenamefIndian	−1.46[−6.62,3.71] t=−0.55, se=2.64 p=0.58, df=2356.00		−1.02[−10.93,8.90] t=−0.20, se=5.05 p=0.84, df=2356.00	−1.36[−6.49,3.77] t=−0.52, se=2.62 p=0.60, df=2355.00	−2.18[−7.61,3.26] t=−0.79, se=2.77 p=0.43, df=2356.00		−1.02[−10.93,8.90] t=−0.20, se=5.05 p=0.84, df=2356.00	−2.04[−7.40,3.31] t=−0.75, se=2.73 p=0.45, df=2355.00
V_ProducttoiletpaperV_RacenamefBlack	−1.25[−6.47,3.97] t=−0.47, se=2.66 p=0.64, df=2356.00		1.07[−8.99,11.13] t=0.21, se=5.13 p=0.83, df=2356.00	−1.32[−6.50,3.86] t=−0.50, se=2.64 p=0.62, df=2355.00	0.24[−5.25,5.73] t=0.09, se=2.80 p=0.93, df=2356.00		1.07[−8.99,11.13] t=0.21, se=5.13 p=0.83, df=2356.00	0.12[−5.29,5.53] t=0.04, se=2.76 p=0.97, df=2355.00
V_ProducttoiletpaperV_RacenamefChinese	2.02[−2.61,7.84] t=0.98, se=2.67 p=0.33, df=2356.00		0.57[−9.51,10.64] t=0.11, se=5.14 p=0.91, df=2356.00	2.60[−2.59,7.79] t=0.98, se=2.65 p=0.33, df=2355.00	1.51[−3.98,7.01] t=0.54, se=2.80 p=0.59, df=2356.00		0.57[−9.51,10.64] t=0.11, se=5.14 p=0.91, df=2356.00	1.49[−3.92,6.91] t=0.54, se=2.76 p=0.59, df=2355.00
V_ProducttoiletpaperV_RacenamefIndian	−4.44[−9.72,0.85] t=−1.64, se=2.70 p=0.10, df=2356.00		−3.35[−13.54,6.83] t=−0.65, se=5.20 p=0.52, df=2356.00	−4.21[−9.46,1.04] t=−1.57, se=2.68 p=0.12, df=2355.00	−3.68[−9.24,1.88] t=−1.30, se=2.83 p=0.19, df=2356.00		−3.35[−13.54,6.83] t=−0.65, se=5.20 p=0.52, df=2356.00	−3.30[−8.78,2.17] t=−1.18, se=2.79 p=0.24, df=2355.00
V_ProductcigarettesV_RacenamefIndian	−3.49[−8.55,1.58] t=−1.35, se=2.58 p=0.18, df=2356.00		−2.12[−11.84,7.59] t=−0.43, se=4.95 p=0.67, df=2356.00	−3.37[−8.40,1.66] t=−1.31, se=2.56 p=0.19, df=2355.00	−2.93[−8.26,2.40] t=−1.08, se=2.72 p=0.28, df=2356.00		−2.12[−11.84,7.59] t=−0.43, se=4.95 p=0.67, df=2356.00	−2.77[−8.02,2.48] t=−1.04, se=2.68 p=0.30, df=2355.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.30[−3.60,6.21] t=0.52, se=2.50 p=0.60, df=2356.00		−0.56[−9.97,8.84] t=−0.12, se=4.80 p=0.91, df=2356.00	1.34[−3.53,6.21] t=0.54, se=2.48 p=0.59, df=2355.00	1.45[−3.70,6.61] t=0.55, se=2.63 p=0.58, df=2356.00		−0.56[−9.97,8.84] t=−0.12, se=4.80 p=0.91, df=2356.00	1.52[−3.56,6.60] t=0.59, se=2.59 p=0.56, df=2355.00
V_ProducttoiletpaperV_RacenamefIndian	−7.24[−12.29,−2.19]** t=−2.81, se=2.58 p=0.00, df=2356.00		−4.57[−14.26,5.11] t=−0.93, se=4.94 p=0.35, df=2356.00	−6.93[−11.94,−1.92]** t=−2.71, se=2.56 p=0.01, df=2355.00	−3.47[−8.78,1.84] t=−1.28, se=2.71 p=0.20, df=2356.00		−4.57[−14.26,5.11] t=−0.93, se=4.94 p=0.35, df=2356.00	−3.00[−8.23,2.24] t=−1.12, se=2.67 p=0.26, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	2.37[−4.96,9.70] t=0.63, se=3.74 p=0.53, df=2356.00		4.94[−9.19,19.08] t=0.69, se=7.21 p=0.49, df=2356.00	2.01[−5.27,9.29] t=0.54, se=3.71 p=0.59, df=2355.00	4.08[−3.62,11.79] t=1.04, se=3.93 p=0.30, df=2356.00		4.94[−9.19,19.08] t=0.69, se=7.21 p=0.49, df=2356.00	3.58[−4.01,11.17] t=0.92, se=3.87 p=0.36, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−5.48[−12.83,1.88] t=−1.46, se=3.75 p=0.14, df=2356.00		3.45[−10.70,17.61] t=0.48, se=7.22 p=0.63, df=2356.00	−5.70[−13.00,1.60] t=−1.53, se=3.72 p=0.13, df=2355.00	0.00[−7.74,7.73] t=0.00, se=3.94 p=1.00, df=2356.00		3.45[−10.70,17.61] t=0.48, se=7.22 p=0.63, df=2356.00	−5.70[−13.00,1.60] t=−0.07, se=3.88 p=0.94, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	0.68[−6.63,7.99] t=0.18, se=3.73 p=0.86, df=2356.00		−0.66[−14.75,13.42] t=−0.09, se=7.18 p=0.93, df=2356.00	0.74[−6.52,7.99] t=0.20, se=3.70 p=0.84, df=2355.00	5.31[−2.38,12.99] t=1.35, se=3.92 p=0.18, df=2356.00		−0.66[−14.75,13.42] t=−0.09, se=7.18 p=0.93, df=2356.00	5.43[−2.14,13.00] t=1.41, se=3.86 p=0.16, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	1.18[−6.11,8.46] t=0.32, se=3.71 p=0.75, df=2356.00		−2.30[−16.46,11.87] t=−0.32, se=7.22 p=0.75, df=2356.00	1.32[−5.91,8.55] t=0.36, se=3.69 p=0.72, df=2355.00	2.45[−5.19,10.10] t=0.63, se=3.90 p=0.53, df=2356.00		−2.30[−16.46,11.87] t=−0.32, se=7.22 p=0.75, df=2356.00	2.71[−4.83,10.25] t=0.71, se=3.84 p=0.48, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−0.66[−8.05,6.72] t=−0.18, se=3.77 p=0.86, df=2356.00		7.37[−6.98,21.73] t=1.01, se=7.32 p=0.31, df=2356.00	−1.12[−8.46,6.21] t=−0.30, se=3.74 p=0.76, df=2355.00	2.66[−5.09,10.41] t=0.67, se=3.95 p=0.50, df=2356.00		7.37[−6.98,21.73] t=1.01, se=7.32 p=0.31, df=2356.00	1.98[−5.66,9.62] t=0.51, se=3.90 p=0.61, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	3.76[−3.49,11.01] t=1.02, se=3.70 p=0.31, df=2356.00		4.34[−9.77,18.45] t=0.60, se=7.19 p=0.55, df=2356.00	3.47[−3.73,10.67] t=0.92, se=3.67 p=0.34, df=2355.00	5.17[−2.44,12.77] t=1.33, se=3.88 p=0.18, df=2356.00		4.34[−9.77,18.45] t=0.60, se=7.20 p=0.55, df=2356.00	4.74[−2.77,12.24] t=1.24, se=3.83 p=0.22, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	3.63[−3.77,11.02] t=0.96, se=3.77 p=0.34, df=2356.00		2.33[−11.95,16.61] t=0.32, se=7.28 p=0.75, df=2356.00	3.46[−3.88,10.80] t=0.92, se=3.74 p=0.36, df=2355.00	3.32[−4.45,11.09] t=0.84, se=3.96 p=0.40, df=2356.00		2.33[−11.95,16.61] t=0.32, se=7.28 p=0.75, df=2356.00	3.09[−4.56,10.75] t=0.79, se=3.91 p=0.43, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−1.76[−9.11,5.59] t=−0.47, se=3.75 p=0.64, df=2356.00		5.94[−8.21,20.09] t=0.82, se=7.22 p=0.41, df=2356.00	−2.17[−9.47,5.13] t=−0.58, se=3.72 p=0.56, df=2355.00	2.69[−5.03,10.42] t=0.68, se=3.94 p=0.49, df=2356.00		5.94[−8.21,20.09] t=0.82, se=7.22 p=0.41, df=2356.00	2.06[−5.56,9.67] t=0.53, se=3.88 p=0.60, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	8.57[1.26,15.89]* t=2.30, se=3.73 p=0.02, df=2356.00		5.75[−8.36,19.86] t=0.80, se=7.19 p=0.42, df=2356.00	8.18[0.91,15.45]* t=2.21, se=3.71 p=0.03, df=2355.00	4.97[−2.72,12.66] t=1.27, se=3.92 p=0.20, df=2356.00		5.75[−8.36,19.86] t=0.80, se=7.19 p=0.42, df=2356.00	4.40[−3.18,11.98] t=1.14, se=3.87 p=0.26, df=2355.00
MWPre_Post		0.06[0.04,0.07]*** t=6.03, se=0.01 p=0.00, df=2392.00		0.06[0.04,0.08]*** t=5.96, se=0.01 p=0.00, df=2355.00		0.08[0.06,0.10]*** t=8.20, se=0.01 p=0.00, df=2392.00		0.10[0.07,0.12]*** t=8.62, se=0.01 p=0.00, df=2355.00
SD (Intercept ID)	2.88 t=., se=. p=., df=.	2.97 t=., se=. p=., df=.	0.00 t=., se=. p=., df=.	2.85 t=., se=. p=., df=.	3.31 t=., se=. p=., df=.	3.15 t=., se=. p=., df=.	0.00 t=., se=. p=., df=.	3.13 t=., se=. p=., df=.
SD (Observations)	11.06 t=., se=. p=., df=.	11.08 t=., se=. p=., df=.	21.91 t=., se=. p=., df=.	10.98 t=., se=. p=., df=.	11.57 t=., se=. p=., df=.	11.51 t=., se=. p=., df=.	21.91 t=., se=. p=., df=.	11.43 t=., se=. p=., df=.
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.035	0.015	0.222	0.049	0.025	0.027	0.222	0.054
R2 Cond.	0.097	0.081		0.109	0.098	0.094		0.120
AIC	18 419.1	18 491.7	21 501.3	18 393.0	18 658.5	18 676.9	21 501.3	18 594.6
BIC	18 644.5	18 514.8	21 726.8	18 624.3	18 883.9	18 700.0	21 726.8	18 825.8
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.68	10.76	21.74	10.60	11.12	11.16	21.74	11.00

Table 1.36: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	18464.84	18690.24	-9193.42	18386.84			
C2Path	40.00	18431.02	18662.20	-9175.51	18351.02	35.82	1	0.0000

Table 1.37: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	18708.48	18933.88	-9315.24	18630.48			
C2Path	40.00	18636.34	18867.51	-9278.17	18556.34	74.15	1	0.0000

refitting model(s) with ML (instead of REML)

Table 1.38: Model H3a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	1.60[−0.88,4.08] t=1.26, se=1.26 p=0.21, df=2361.00	1.08[0.58,1.59]*** t=4.19, se=0.26 p=0.00, df=2392.00	8.41[3.63,13.18]*** t=3.45, se=2.43 p=0.00, df=2361.00	1.07[−1.40,3.54] t=0.85, se=1.26 p=0.39, df=2360.00	2.65[0.04,5.26]* t=1.99, se=1.33 p=0.05, df=2361.00	0.85[0.32,1.37]** t=3.13, se=0.27 p=0.00, df=2392.00	8.41[3.63,13.18]*** t=3.45, se=2.43 p=0.00, df=2361.00	1.86[−0.72,4.43] t=1.41, se=1.31 p=0.16, df=2360.00
V_PresentationDefensive	−0.64[−4.36,3.07] t=−0.34, se=1.89 p=0.73, df=2361.00		−15.72[−22.87,−8.56]*** t=−4.31, se=3.65 p=0.00, df=2361.00	0.34[−3.36,4.04] t=0.18, se=1.89 p=0.86, df=2360.00	−0.11[−4.02,3.79] t=−0.06, se=1.99 p=0.95, df=2361.00		−15.72[−22.87,−8.56]*** t=−4.31, se=3.65 p=0.00, df=2361.00	1.39[−2.47,5.25] t=0.71, se=1.97 p=0.48, df=2360.00
V_Productcigarettes	3.43[−0.12,6.98]+ t=1.89, se=1.81 p=0.06, df=2361.00		−1.64[−8.48,5.20] t=−0.47, se=3.49 p=0.64, df=2361.00	3.52[−0.01,7.04]+ t=1.96, se=1.80 p=0.05, df=2360.00	0.40[−3.34,4.13] t=0.21, se=1.90 p=0.84, df=2361.00		−1.64[−8.48,5.20] t=−0.47, se=3.49 p=0.64, df=2361.00	0.53[−3.14,4.21] t=0.28, se=1.88 p=0.78, df=2360.00
V_Producthardwaresupplies	−0.31[−3.75,3.12] t=−0.18, se=1.75 p=0.86, df=2361.00		6.04[−0.58,12.65]+ t=1.79, se=3.37 p=0.07, df=2361.00	−0.71[−4.12,2.70] t=−0.41, se=1.74 p=0.68, df=2360.00	−1.21[−4.82,2.40] t=−0.66, se=1.84 p=0.51, df=2360.00		6.04[−0.58,12.65]+ t=1.79, se=3.37 p=0.07, df=2361.00	−1.80[−5.36,1.76] t=−0.99, se=1.82 p=0.32, df=2360.00
V_Producttoiletpaper	0.42[−3.18,4.02] t=0.23, se=1.84 p=0.82, df=2361.00		18.70[11.77,25.63]*** t=5.29, se=3.54 p=0.00, df=2361.00	−0.80[−4.39,2.79] t=−0.44, se=1.83 p=0.66, df=2360.00	−0.89[−4.68,2.89] t=−0.46, se=1.93 p=0.64, df=2361.00		18.70[11.77,25.63]*** t=5.29, se=3.54 p=0.00, df=2361.00	−2.73[−6.48,1.02] t=−1.43, se=1.91 p=0.15, df=2360.00
V_RacenamefBlack	−0.82[−4.36,2.72] t=−0.46, se=1.80 p=0.65, df=2361.00		−1.25[−8.07,5.56] t=−0.36, se=3.48 p=0.72, df=2361.00	−0.76[−4.27,2.75] t=−0.42, se=1.79 p=0.67, df=2360.00	−0.36[−4.08,3.37] t=−0.19, se=1.90 p=0.85, df=2361.00		−1.25[−8.07,5.56] t=−0.36, se=3.48 p=0.72, df=2361.00	−0.24[−3.91,3.43] t=−0.13, se=1.87 p=0.90, df=2360.00
V_RacenamefChinese	−0.34[−4.12,3.44] t=−0.18, se=1.93 p=0.86, df=2361.00		−1.60[−8.89,5.68] t=−0.43, se=3.71 p=0.67, df=2361.00	−0.24[−3.99,3.51] t=−0.13, se=1.91 p=0.90, df=2360.00	−0.04[−4.02,3.93] t=−0.02, se=2.03 p=0.98, df=2361.00		−1.60[−8.89,5.68] t=−0.43, se=3.71 p=0.67, df=2361.00	0.11[−3.81,4.03] t=0.06, se=2.00 p=0.96, df=2360.00
V_RacenamefIndian	1.51[−1.98,4.99] t=0.85, se=1.78 p=0.40, df=2361.00		1.21[−5.50,7.92] t=0.35, se=3.42 p=0.72, df=2361.00	1.43[−2.03,4.89] t=0.81, se=1.76 p=0.42, df=2360.00	−0.42[−4.08,3.25] t=−0.22, se=1.87 p=0.82, df=2361.00		1.21[−5.50,7.92] t=0.35, se=3.42 p=0.72, df=2361.00	−0.53[−4.14,3.08] t=−0.29, se=1.84 p=0.78, df=2360.00
V_PresentationDefensiveV_Productcigarettes	−0.93[−6.18,4.32] t=−0.35, se=2.68 p=0.73, df=2361.00		11.98[1.87,22.09]* t=2.32, se=5.16 p=0.02, df=2361.00	−1.65[−6.87,3.56] t=−0.62, se=2.66 p=0.53, df=2360.00	0.53[−4.99,6.05] t=0.19, se=2.82 p=0.85, df=2361.00		11.98[1.87,22.09]* t=2.32, se=5.16 p=0.02, df=2361.00	−0.57[−6.02,4.87] t=−0.21, se=2.78 p=0.84, df=2360.00
V_PresentationDefensiveV_Producthardwaresupplies	−1.59[−6.82,3.64] t=−0.60, se=2.67 p=0.55, df=2361.00		−14.09[−24.16,−4.02]** t=−2.74, se=5.14 p=0.01, df=2361.00	−0.68[−5.88,4.52] t=−0.26, se=2.65 p=0.80, df=2360.00	−3.18[−8.68,2.32] t=−1.13, se=2.80 p=0.26, df=2361.00		−14.09[−24.16,−4.02]** t=−2.74, se=5.14 p=0.01, df=2361.00	−1.83[−7.25,3.60] t=−0.66, se=2.77 p=0.51, df=2360.00
V_PresentationDefensiveV_Producttoiletpaper	0.66[−4.49,5.81] t=0.25, se=2.63 p=0.80, df=2361.00		−12.54[−22.46,−2.62]* t=−2.48, se=5.06 p=0.01, df=2361.00	1.49[−3.63,6.60] t=0.57, se=2.61 p=0.57, df=2360.00	0.45[−4.97,5.87] t=0.16, se=2.76 p=0.87, df=2361.00		−12.54[−22.46,−2.62]* t=−2.48, se=5.06 p=0.01, df=2361.00	1.68[−3.67,7.02] t=0.62, se=2.72 p=0.54, df=2360.00
V_PresentationDefensiveV_RacenamefBlack	1.15[−4.01,6.31] t=0.44, se=2.63 p=0.66, df=2361.00		−1.09[−11.03,8.85] t=−0.21, se=5.07 p=0.83, df=2361.00	1.22[−3.90,6.34] t=0.47, se=2.61 p=0.64, df=2360.00	−2.43[−7.86,3.00] t=−0.88, se=2.77 p=0.38, df=2361.00		−1.09[−11.03,8.85] t=−0.21, se=5.07 p=0.83, df=2361.00	−2.37[−7.72,2.98] t=−0.87, se=2.73 p=0.39, df=2360.00
V_PresentationDefensiveV_RacenamefChinese	−0.39[−5.63,4.86] t=−0.14, se=2.68 p=0.89, df=2361.00		−0.43[−10.53,9.68] t=−0.08, se=5.15 p=0.93, df=2361.00	−0.37[−5.58,4.84] t=−0.14, se=2.66 p=0.89, df=2360.00	−2.13[−7.65,3.39] t=−0.76, se=2.82 p=0.45, df=2361.00		−0.43[−10.53,9.68] t=−0.08, se=5.15 p=0.93, df=2361.00	−2.14[−7.57,3.30] t=−0.77, se=2.77 p=0.44, df=2360.00
V_PresentationDefensiveV_RacenamefIndian	−2.38[−7.62,2.86] t=−0.89, se=2.67 p=0.37, df=2361.00		−3.78[−13.87,6.31] t=−0.73, se=5.15 p=0.46, df=2361.00	−2.12[−7.32,3.08] t=−0.80, se=2.65 p=0.42, df=2360.00	−2.24[−7.75,3.28] t=−0.80, se=2.81 p=0.43, df=2361.00		−3.78[−13.87,6.31] t=−0.73, se=5.15 p=0.46, df=2361.00	−1.86[−7.29,3.57] t=−0.67, se=2.77 p=0.50, df=2360.00
V_ProductcigarettesV_RacenamefBlack	−3.21[−8.32,1.90] t=−1.23, se=2.61 p=0.22, df=2361.00		−3.62[−13.42,6.18] t=−0.73, se=5.00 p=0.47, df=2361.00	−2.94[−8.01,2.13] t=−1.14, se=2.59 p=0.26, df=2360.00	−2.50[−7.88,2.87] t=−0.91, se=2.74 p=0.36, df=2361.00		−3.62[−13.42,6.18] t=−0.73, se=5.00 p=0.47, df=2361.00	−2.12[−7.42,3.17] t=−0.79, se=2.70 p=0.43, df=2360.00
V_ProducthardwaresuppliesV_RacenamefBlack	2.87[−2.29,8.02] t=1.09, se=2.63 p=0.28, df=2361.00		−3.34[−13.22,6.55] t=−0.66, se=5.04 p=0.51, df=2361.00	3.09[−2.03,8.21] t=1.18, se=2.61 p=0.24, df=2360.00	1.71[−3.72,7.14] t=0.62, se=2.77 p=0.54, df=2361.00		−3.34[−13.22,6.55] t=−0.66, se=5.04 p=0.51, df=2361.00	2.00[−3.34,7.35] t=0.73, se=2.73 p=0.46, df=2360.00
V_ProducttoiletpaperV_RacenamefBlack	−1.47[−6.63,3.70] t=−0.56, se=2.63 p=0.58, df=2361.00		−1.20[−11.10,8.70] t=−0.24, se=5.05 p=0.81, df=2361.00	−1.36[−6.48,3.77] t=−0.52, se=2.61 p=0.60, df=2360.00	−2.22[−7.66,3.21] t=−0.80, se=2.77 p=0.42, df=2361.00		−1.20[−11.10,8.70] t=−0.24, se=5.05 p=0.81, df=2361.00	−2.07[−7.42,3.29] t=−0.76, se=2.73 p=0.45, df=2360.00
V_ProductcigarettesV_RacenamefChinese	−1.28[−6.49,3.94] t=−0.48, se=2.66 p=0.63, df=2361.00		0.97[−9.08,11.02] t=0.19, se=5.12 p=0.85, df=2361.00	−1.34[−6.52,3.84] t=−0.51, se=2.64 p=0.61, df=2360.00	0.26[−5.22,5.75] t=0.09, se=2.80 p=0.92, df=2361.00		0.97[−9.08,11.02] t=0.19, se=5.12 p=0.85, df=2361.00	0.15[−5.25,5.56] t=0.06, se=2.76 p=0.96, df=2360.00
V_ProducthardwaresuppliesV_RacenamefChinese	2.48[−2.74,7.70] t=0.93, se=2.66 p=0.35, df=2361.00		0.63[−9.43,10.69] t=0.12, se=5.13 p=0.90, df=2361.00	2.46[−2.73,7.64] t=0.93, se=2.64 p=0.35, df=2360.00	1.35[−4.14,6.84] t=0.48, se=2.80 p=0.63, df=2361.00		0.63[−9.43,10.69] t=0.12, se=5.13 p=0.90, df=2361.00	1.31[−4.10,6.72] t=0.47, se=2.76 p=0.63, df=2360.00
V_ProducttoiletpaperV_RacenamefChinese	−4.37[−9.65,0.91] t=−1.62, se=2.69 p=0.10, df=2361.00		−3.41[−13.59,6.77] t=−0.66, se=5.19 p=0.51, df=2361.00	−4.14[−9.38,1.11] t=−1.55, se=2.67 p=0.12, df=2360.00	−3.51[−9.07,2.05] t=−1.24, se=2.83 p=0.22, df=2361.00		−3.41[−13.59,6.77] t=−0.66, se=5.19 p=0.51, df=2361.00	−3.12[−8.60,2.35] t=−1.12, se=2.79 p=0.26, df=2360.00
V_ProductcigarettesV_RacenamefIndian	−3.53[−8.59,1.54] t=−1.37, se=2.58 p=0.17, df=2361.00		−2.29[−12.00,7.42] t=−0.46, se=4.95 p=0.64, df=2361.00	−3.40[−8.43,1.63] t=−1.33, se=2.56 p=0.19, df=2360.00	−2.97[−8.30,2.36] t=−1.09, se=2.72 p=0.27, df=2361.00		−2.29[−12.00,7.42] t=−0.46, se=4.95 p=0.64, df=2361.00	−2.80[−8.05,2.45] t=−1.04, se=2.68 p=0.30, df=2360.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.25[−3.64,6.15] t=0.50, se=2.50 p=0.62, df=2361.00		−0.41[−9.80,8.98] t=−0.09, se=4.79 p=0.93, df=2361.00	1.28[−3.58,6.14] t=0.52, se=2.48 p=0.61, df=2360.00	1.30[−3.85,6.45] t=0.49, se=2.63 p=0.62, df=2361.00		−0.41[−9.80,8.98] t=−0.09, se=4.79 p=0.93, df=2361.00	1.35[−3.72,6.43] t=0.52, se=2.59 p=0.60, df=2360.00
V_ProducttoiletpaperV_RacenamefIndian	−7.26[−12.30,−2.21]** t=−2.82, se=2.57 p=0.00, df=2361.00		−4.71[−14.39,4.97] t=−0.95, se=4.94 p=0.34, df=2361.00	−6.93[−11.94,−1.92]** t=−2.71, se=2.56 p=0.01, df=2360.00	−3.56[−8.88,1.75] t=−1.31, se=2.71 p=0.19, df=2361.00		−4.71[−14.39,4.97] t=−0.95, se=4.94 p=0.34, df=2361.00	−3.07[−8.31,2.16] t=−1.15, se=2.67 p=0.25, df=2360.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	2.30[−5.02,9.63] t=0.62, se=3.73 p=0.54, df=2361.00		4.56[−9.55,18.68] t=0.63, se=7.20 p=0.53, df=2361.00	1.97[−5.30,9.24] t=0.53, se=3.71 p=0.60, df=2360.00	3.94[−3.76,11.64] t=1.00, se=3.93 p=0.32, df=2361.00		4.56[−9.55,18.68] t=0.63, se=7.20 p=0.53, df=2361.00	3.48[−4.11,11.07] t=0.90, se=3.87 p=0.37, df=2360.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−5.37[−12.71,1.97] t=−1.44, se=3.74 p=0.15, df=2361.00		3.26[−10.86,17.39] t=0.45, se=7.20 p=0.65, df=2361.00	−5.57[−12.86,1.71] t=−1.50, se=3.72 p=0.13, df=2360.00	−0.01[−7.73,7.71] t=0.00, se=3.94 p=1.00, df=2361.00		3.26[−10.86,17.39] t=0.45, se=7.20 p=0.65, df=2361.00	−0.26[−7.87,7.34] t=−0.07, se=3.88 p=0.95, df=2360.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	0.58[−6.72,7.89] t=0.16, se=3.72 p=0.88, df=2361.00		−1.01[−15.08,13.06] t=−0.14, se=7.18 p=0.89, df=2361.00	0.66[−6.59,7.91] t=0.18, se=3.70 p=0.86, df=2360.00	5.15[−2.53,12.83] t=1.32, se=3.92 p=0.19, df=2361.00		−1.01[−15.08,13.06] t=−0.14, se=7.18 p=0.89, df=2361.00	5.31[−2.26,12.88] t=1.38, se=3.86 p=0.17, df=2360.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	0.88[−6.40,8.15] t=0.24, se=3.71 p=0.81, df=2361.00		−2.66[−16.80,11.48] t=−0.37, se=7.21 p=0.71, df=2361.00	1.05[−6.17,8.27] t=0.28, se=3.68 p=0.78, df=2360.00	1.92[−5.72,9.55] t=0.49, se=3.89 p=0.62, df=2361.00		−2.66[−16.80,11.48] t=−0.37, se=7.21 p=0.71, df=2361.00	2.21[−5.32,9.74] t=0.58, se=3.84 p=0.56, df=2360.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−0.56[−7.93,6.80] t=−0.15, se=3.76 p=0.88, df=2361.00		7.19[−7.13,21.52] t=0.98, se=7.30 p=0.32, df=2361.00	−1.02[−8.33,6.30] t=−0.27, se=3.73 p=0.79, df=2360.00	2.76[−4.97,10.50] t=0.70, se=3.95 p=0.48, df=2361.00		7.19[−7.13,21.52] t=0.98, se=7.30 p=0.32, df=2361.00	2.10[−5.53,9.73] t=0.54, se=3.89 p=0.59, df=2360.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	3.54[−3.70,10.78] t=0.96, se=3.69 p=0.34, df=2361.00		4.01[−10.08,18.10] t=0.56, se=7.19 p=0.58, df=2361.00	3.27[−3.92,10.46] t=0.89, se=3.67 p=0.37, df=2360.00	4.72[−2.89,12.32] t=1.22, se=3.88 p=0.22, df=2361.00		4.01[−10.08,18.10] t=0.56, se=7.19 p=0.58, df=2361.00	4.31[−3.19,11.81] t=1.13, se=3.82 p=0.26, df=2360.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	3.71[−3.68,11.10] t=0.98, se=3.77 p=0.33, df=2361.00		2.34[−11.93,16.60] t=0.32, se=7.27 p=0.75, df=2361.00	3.54[−3.80,10.87] t=0.95, se=3.74 p=0.34, df=2360.00	3.15[−4.62,10.91] t=0.79, se=3.96 p=0.43, df=2361.00		2.34[−11.93,16.60] t=0.32, se=7.27 p=0.75, df=2361.00	2.92[−4.74,10.57] t=0.75, se=3.90 p=0.45, df=2360.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−1.56[−8.90,5.78] t=−0.42, se=3.74 p=0.68, df=2361.00		5.70[−8.43,19.83] t=0.79, se=7.20 p=0.43, df=2361.00	−1.96[−9.24,5.33] t=−0.53, se=3.72 p=0.60, df=2360.00	2.77[−4.95,10.49] t=0.70, se=3.94 p=0.48, df=2361.00		5.70[−8.43,19.83] t=0.79, se=7.20 p=0.43, df=2361.00	2.16[−5.44,9.77] t=0.56, se=3.88 p=0.58, df=2360.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	8.67[1.36,15.99]* t=2.33, se=3.73 p=0.02, df=2361.00		5.66[−8.43,19.76] t=0.79, se=7.19 p=0.43, df=2361.00	8.28[1.02,15.54]* t=2.24, se=3.70 p=0.03, df=2360.00	4.97[−2.73,12.66] t=1.27, se=3.92 p=0.21, df=2361.00		5.66[−8.43,19.76] t=0.79, se=7.19 p=0.43, df=2361.00	4.39[−3.18,11.97] t=1.14, se=3.86 p=0.26, df=2360.00
MWPre_Post		0.06[0.04,0.07]*** t=6.03, se=0.01 p=0.00, df=2392.00		0.06[0.04,0.08]*** t=6.03, se=0.01 p=0.00, df=2360.00		0.08[0.06,0.10]*** t=8.20, se=0.01 p=0.00, df=2392.00		0.10[0.07,0.12]*** t=8.68, se=0.01 p=0.00, df=2360.00
SD (Intercept ID)	2.92 t=, se= p=, df=	2.97 t=, se= p=, df=	0.00 t=, se= p=, df=	2.88 t=, se= p=, df=	3.36 t=, se= p=, df=	3.15 t=, se= p=, df=	0.00 t=, se= p=, df=	3.18 t=, se= p=, df=
SD (Observations)	11.05 t=, se= p=, df=	11.08 t=, se= p=, df=	21.91 t=, se= p=, df=	10.97 t=, se= p=, df=	11.57 t=, se= p=, df=	11.51 t=, se= p=, df=	21.91 t=, se= p=, df=	11.43 t=, se= p=, df=
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.033	0.015	0.222	0.047	0.021	0.027	0.222	0.051
R2 Cond.	0.096	0.081		0.109	0.097	0.094		0.119
AIC	18 412.7	18 491.7	21 499.9	18 385.9	18 655.9	18 676.9	21 499.9	18 590.9
BIC	18 609.3	18 514.8	21 696.5	18 588.2	18 852.4	18 700.0	21 696.5	18 793.3
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.68	10.76	21.76	10.60	11.12	11.16	21.76	11.01

Table 1.39: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	18460.88	18657.39	-9196.44	18392.88			
C2Path	35.00	18426.33	18628.61	-9178.17	18356.33	36.55	1	0.0000

Table 1.40: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	18707.69	18904.19	-9319.85	18639.69			
C2Path	35.00	18634.64	18836.93	-9282.32	18564.64	75.05	1	0.0000

Table 1.41: Model H3a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	1.43[−0.30,3.16] t=1.63, se=0.88 p=0.10, df=2377.00	1.08[0.58,1.59]*** t=4.19, se=0.26 p=0.00, df=2392.00	11.55[8.16,14.94]*** t=6.68, se=1.73 p=0.00, df=2377.00	0.82[−0.91,2.55] t=0.93, se=0.88 p=0.35, df=2376.00	2.02[0.21,3.83]* t=2.19, se=0.92 p=0.03, df=2377.00	0.85[0.32,1.37]** t=3.13, se=0.27 p=0.00, df=2392.00	11.55[8.16,14.94]*** t=6.68, se=1.73 p=0.00, df=2377.00	1.02[−0.78,2.82] t=1.11, se=0.92 p=0.27, df=2376.00
V_PresentationDefensive	−1.41[−4.04,1.22] t=−1.05, se=1.34 p=0.29, df=2377.00		−22.82[−27.99,−17.66]*** t=−8.66, se=2.63 p=0.00, df=2377.00	−0.20[−2.85,2.46] t=−0.14, se=1.35 p=0.89, df=2376.00	−1.63[−4.38,1.13] t=−1.16, se=1.40 p=0.25, df=2377.00		−22.82[−27.99,−17.66]*** t=−8.66, se=2.63 p=0.00, df=2377.00	0.36[−2.39,3.12] t=0.26, se=1.41 p=0.80, df=2376.00
V_ProductMorMorallyQuestionable	2.13[−0.39,4.65]+ t=1.66, se=1.28 p=0.10, df=2377.00		5.12[0.17,10.06]* t=2.03, se=2.52 p=0.04, df=2377.00	1.84[−0.67,4.34] t=1.44, se=1.28 p=0.15, df=2376.00	0.40[−2.23,3.04] t=0.30, se=1.34 p=0.76, df=2377.00		5.12[0.17,10.06]* t=2.03, se=2.52 p=0.04, df=2377.00	−0.07[−2.67,2.53] t=−0.06, se=1.33 p=0.96, df=2376.00
V_RacenamefBlack	0.46[−2.10,3.01] t=0.35, se=1.30 p=0.72, df=2377.00		−3.21[−8.26,1.84] t=−1.25, se=2.57 p=0.21, df=2377.00	0.62[−1.92,3.16] t=0.48, se=1.30 p=0.63, df=2376.00	0.50[−2.17,3.17] t=0.37, se=1.36 p=0.72, df=2377.00		−3.21[−8.26,1.84] t=−1.25, se=2.57 p=0.21, df=2377.00	0.77[−1.87,3.41] t=0.57, se=1.35 p=0.57, df=2376.00
V_RacenamefChinese	0.96[−1.66,3.59] t=0.72, se=1.34 p=0.47, df=2377.00		−1.23[−6.39,3.92] t=−0.47, se=2.63 p=0.64, df=2377.00	1.03[−1.58,3.64] t=0.78, se=1.33 p=0.44, df=2376.00	0.66[−2.09,3.41] t=0.47, se=1.40 p=0.64, df=2377.00		−1.23[−6.39,3.92] t=−0.47, se=2.63 p=0.64, df=2377.00	0.78[−1.93,3.49] t=0.56, se=1.38 p=0.57, df=2376.00
V_RacenamefIndian	2.14[−0.30,4.58]+ t=1.72, se=1.25 p=0.09, df=2377.00		0.88[−3.94,5.69] t=0.36, se=2.46 p=0.72, df=2377.00	2.09[−0.34,4.52]+ t=1.69, se=1.24 p=0.09, df=2376.00	0.27[−2.29,2.82] t=0.20, se=1.30 p=0.84, df=2377.00		0.88[−3.94,5.69] t=0.36, se=2.46 p=0.72, df=2377.00	0.20[−2.32,2.72] t=0.15, se=1.29 p=0.88, df=2376.00
V_PresentationDefensiveV_ProductMorMorallyQuestionable	0.51[−3.18,4.19] t=0.27, se=1.88 p=0.79, df=2377.00		6.88[−0.36,14.12]+ t=1.86, se=3.69 p=0.06, df=2377.00	0.16[−3.50,3.83] t=0.09, se=1.87 p=0.93, df=2376.00	1.90[−1.95,5.76] t=0.97, se=1.97 p=0.33, df=2377.00		6.88[−0.36,14.12]+ t=1.86, se=3.69 p=0.06, df=2377.00	1.33[−2.47,5.14] t=0.69, se=1.94 p=0.49, df=2376.00
V_PresentationDefensiveV_RacenamefBlack	−1.60[−5.27,2.07] t=−0.85, se=1.87 p=0.39, df=2377.00		0.43[−6.80,7.66] t=0.12, se=3.69 p=0.91, df=2377.00	−1.62[−5.27,2.04] t=−0.87, se=1.86 p=0.39, df=2376.00	−2.61[−6.45,1.24] t=−1.33, se=1.96 p=0.18, df=2377.00		0.43[−6.80,7.66] t=0.12, se=3.69 p=0.91, df=2377.00	−2.66[−6.46,1.14] t=−1.37, se=1.94 p=0.17, df=2376.00
V_PresentationDefensiveV_RacenamefChinese	−0.75[−4.51,3.02] t=−0.39, se=1.92 p=0.70, df=2377.00		3.06[−4.27,10.40] t=0.82, se=3.74 p=0.41, df=2377.00	−0.91[−4.66,2.83] t=−0.48, se=1.91 p=0.63, df=2376.00	−0.81[−4.76,3.13] t=−0.40, se=2.01 p=0.69, df=2377.00		3.06[−4.27,10.40] t=0.82, se=3.74 p=0.41, df=2377.00	−1.12[−5.01,2.78] t=−0.56, se=1.99 p=0.57, df=2376.00
V_PresentationDefensiveV_RacenamefIndian	−3.26[−6.95,0.42]+ t=−1.74, se=1.88 p=0.08, df=2377.00		−0.94[−8.19,6.30] t=−0.26, se=3.69 p=0.80, df=2377.00	−3.21[−6.87,0.46]+ t=−1.72, se=1.87 p=0.09, df=2376.00	−0.94[−4.80,2.91] t=−0.48, se=1.97 p=0.63, df=2377.00		−0.94[−8.19,6.30] t=−0.26, se=3.69 p=0.80, df=2377.00	−0.88[−4.69,2.92] t=−0.46, se=1.94 p=0.65, df=2376.00
V_ProductMorMorallyQuestionableV_RacenamefBlack	−3.64[−7.33,0.05]+ t=−1.94, se=1.88 p=0.05, df=2377.00		−0.34[−7.56,6.88] t=−0.09, se=3.68 p=0.93, df=2377.00	−3.59[−7.26,0.07]+ t=−1.92, se=1.87 p=0.05, df=2376.00	−3.22[−7.08,0.64] t=−1.64, se=1.97 p=0.10, df=2377.00		−0.34[−7.56,6.88] t=−0.09, se=3.68 p=0.93, df=2377.00	−3.15[−6.96,0.66] t=−1.62, se=1.94 p=0.11, df=2376.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	−4.08[−7.77,−0.40]* t=−2.17, se=1.88 p=0.03, df=2377.00		−1.53[−8.78,5.71] t=−0.42, se=3.69 p=0.68, df=2377.00	−4.00[−7.67,−0.34]* t=−2.14, se=1.87 p=0.03, df=2376.00	−2.27[−6.13,1.59] t=−1.15, se=1.97 p=0.25, df=2377.00		−1.53[−8.78,5.71] t=−0.42, se=3.69 p=0.68, df=2377.00	−2.12[−5.93,1.69] t=−1.09, se=1.94 p=0.27, df=2376.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	−6.20[−9.78,−2.62]*** t=−3.40, se=1.83 p=0.00, df=2377.00		−2.54[−9.54,4.45] t=−0.71, se=3.57 p=0.48, df=2377.00	−6.06[−9.62,−2.50]*** t=−3.34, se=1.82 p=0.00, df=2376.00	−4.01[−7.76,−0.26]* t=−2.10, se=1.91 p=0.04, df=2377.00		−2.54[−9.54,4.45] t=−0.71, se=3.57 p=0.48, df=2377.00	−3.79[−7.49,−0.09]* t=−2.01, se=1.89 p=0.04, df=2376.00
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefBlack	4.32[−0.88,9.53] t=1.63, se=2.65 p=0.10, df=2377.00		0.51[−9.72,10.74] t=0.10, se=5.22 p=0.92, df=2377.00	4.28[−0.89,9.46] t=1.62, se=2.64 p=0.10, df=2376.00	4.81[−0.64,10.25]+ t=1.73, se=2.78 p=0.08, df=2377.00		0.51[−9.72,10.74] t=0.10, se=5.22 p=0.92, df=2377.00	4.76[−0.62,10.14]+ t=1.74, se=2.74 p=0.08, df=2376.00
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefChinese	2.62[−2.53,7.78] t=1.00, se=2.63 p=0.32, df=2377.00		−2.63[−12.87,7.61] t=−0.50, se=5.22 p=0.61, df=2377.00	2.76[−2.37,7.89] t=1.05, se=2.62 p=0.29, df=2376.00	2.05[−3.34,7.44] t=0.75, se=2.75 p=0.46, df=2377.00		−2.63[−12.87,7.61] t=−0.50, se=5.22 p=0.61, df=2377.00	2.28[−3.04,7.61] t=0.84, se=2.72 p=0.40, df=2376.00
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefIndian	7.34[2.15,12.53]** t=2.77, se=2.65 p=0.01, df=2377.00		0.80[−9.43,11.02] t=0.15, se=5.22 p=0.88, df=2377.00	7.29[2.12,12.45]** t=2.77, se=2.63 p=0.01, df=2376.00	2.92[−2.51,8.36] t=1.05, se=2.77 p=0.29, df=2377.00		0.80[−9.43,11.02] t=0.15, se=5.22 p=0.88, df=2377.00	2.87[−2.49,8.24] t=1.05, se=2.74 p=0.29, df=2376.00
MWPre_Post		0.06[0.04,0.07]*** t=6.03, se=0.01 p=0.00, df=2392.00		0.05[0.03,0.07]*** t=5.18, se=0.01 p=0.00, df=2376.00		0.08[0.06,0.10]*** t=8.20, se=0.01 p=0.00, df=2392.00		0.09[0.07,0.11]*** t=8.11, se=0.01 p=0.00, df=2376.00
SD (Intercept ID)	2.89 t=, se= p=, df=	2.97 t=, se= p=, df=	0.00 t=, se= p=, df=	2.86 t=, se= p=, df=	3.28 t=, se= p=, df=	3.15 t=, se= p=, df=	0.00 t=, se= p=, df=	3.08 t=, se= p=, df=
SD (Observations)	11.12 t=, se= p=, df=	11.08 t=, se= p=, df=	22.48 t=, se= p=, df=	11.07 t=, se= p=, df=	11.59 t=, se= p=, df=	11.51 t=, se= p=, df=	22.48 t=, se= p=, df=	11.48 t=, se= p=, df=
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.017	0.015	0.176	0.028	0.014	0.027	0.176	0.040
R2 Cond.	0.079	0.081		0.089	0.087	0.094		0.105
AIC	18 471.8	18 491.7	21 677.6	18 454.5	18 692.5	18 676.9	21 677.6	18 637.0
BIC	18 575.9	18 514.8	21 781.7	18 564.3	18 796.6	18 700.0	21 781.7	18 746.8
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.79	10.76	22.41	10.73	11.20	11.16	22.41	11.11

Table 1.42: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	18470.21	18574.24	-9217.10	18434.21			
C2Path	19.00	18445.27	18555.08	-9203.63	18407.27	26.94	1	0.0000

Table 1.43: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	18693.60	18797.63	-9328.80	18657.60			
C2Path	19.00	18630.39	18740.20	-9296.20	18592.39	65.21	1	0.0000

1.6 H3b

Table 1.44: Model H3b

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	−0.05[−4.39,4.28] t=−0.02, se=2.21 p=0.98, df=2356.00	1.08[0.58,1.59]*** t=4.19, se=0.26 p=0.00, df=2392.00	10.22[1.87,18.58]* t=2.40, se=4.26 p=0.02, df=2356.00	−0.69[−5.00,3.61] t=−0.32, se=2.20 p=0.75, df=2355.00	2.30[−2.25,6.86] t=0.99, se=2.32 p=0.32, df=2356.00	0.85[0.32,1.37]** t=3.13, se=0.27 p=0.00, df=2392.00	10.22[1.87,18.58]* t=2.40, se=4.26 p=0.02, df=2356.00	1.32[−3.17,5.81] t=0.58, se=2.29 p=0.56, df=2355.00
V_PresentationDefensive	−0.63[−4.35,3.08] t=−0.33, se=1.90 p=0.74, df=2356.00		−15.52[−22.68,−8.35]*** t=−4.25, se=3.65 p=0.00, df=2356.00	0.33[−3.38,4.03] t=0.17, se=1.89 p=0.86, df=2355.00	−0.01[−3.92,3.89] t=−0.01, se=1.99 p=0.99, df=2356.00		−15.52[−22.68,−8.35]*** t=−4.25, se=3.65 p=0.00, df=2356.00	1.46[−2.40,5.33] t=0.74, se=1.97 p=0.46, df=2355.00
V_Productcigarettes	3.36[−0.19,6.91]+ t=1.86, se=1.81 p=0.06, df=2356.00		−1.79[−8.63,5.06] t=−0.51, se=3.49 p=0.61, df=2356.00	3.46[−0.07,6.98]+ t=1.92, se=1.80 p=0.05, df=2355.00	0.29[−3.44,4.03] t=0.15, se=1.90 p=0.88, df=2356.00		−1.79[−8.63,5.06] t=−0.51, se=3.49 p=0.61, df=2356.00	0.44[−3.23,4.12] t=0.24, se=1.88 p=0.81, df=2355.00
V_Producthardwaresupplies	−0.39[−3.83,3.05] t=−0.22, se=1.75 p=0.83, df=2356.00		6.17[−0.46,12.80]+ t=1.82, se=3.38 p=0.07, df=2356.00	−0.79[−4.21,2.63] t=−0.45, se=1.74 p=0.65, df=2355.00	−1.35[−4.97,2.27] t=−0.73, se=1.84 p=0.46, df=2356.00		6.17[−0.46,12.80]+ t=1.82, se=3.38 p=0.07, df=2356.00	−1.95[−5.52,1.62] t=−1.07, se=1.82 p=0.28, df=2355.00
V_Producttoiletpaper	0.43[−3.17,4.03] t=0.23, se=1.84 p=0.82, df=2356.00		18.60[11.65,25.54]*** t=5.25, se=3.54 p=0.00, df=2356.00	−0.77[−4.37,2.83] t=−0.42, se=1.84 p=0.67, df=2355.00	−0.94[−4.73,2.85] t=−0.49, se=1.93 p=0.63, df=2356.00		18.60[11.65,25.54]*** t=5.25, se=3.54 p=0.00, df=2356.00	−2.76[−6.51,1.00] t=−1.44, se=1.91 p=0.15, df=2355.00
V_RacenamefBlack	−0.89[−4.43,2.65] t=−0.49, se=1.81 p=0.62, df=2356.00		−1.39[−8.21,5.42] t=−0.40, se=3.48 p=0.69, df=2356.00	−0.82[−4.33,2.70] t=−0.46, se=1.79 p=0.65, df=2355.00	−0.42[−4.14,3.30] t=−0.22, se=1.90 p=0.82, df=2356.00		−1.39[−8.21,5.42] t=−0.40, se=3.48 p=0.69, df=2356.00	−0.30[−3.96,3.37] t=−0.16, se=1.87 p=0.87, df=2355.00
V_RacenamefChinese	−0.35[−4.13,3.43] t=−0.18, se=1.93 p=0.86, df=2356.00		−1.66[−8.94,5.63] t=−0.45, se=3.72 p=0.66, df=2356.00	−0.25[−4.01,3.51] t=−0.13, se=1.91 p=0.90, df=2355.00	0.00[−3.98,3.98] t=0.00, se=2.03 p=1.00, df=2356.00		−1.66[−8.94,5.63] t=−0.45, se=3.72 p=0.66, df=2356.00	0.16[−3.76,4.07] t=0.08, se=2.00 p=0.94, df=2355.00
V_RacenamefIndian	1.54[−1.95,5.02] t=0.86, se=1.78 p=0.39, df=2356.00		1.22[−5.49,7.94] t=0.36, se=3.42 p=0.72, df=2356.00	1.46[−2.00,4.92] t=0.83, se=1.77 p=0.41, df=2355.00	−0.44[−4.10,3.23] t=−0.23, se=1.87 p=0.82, df=2356.00		1.22[−5.49,7.94] t=0.36, se=3.42 p=0.72, df=2356.00	−0.55[−4.16,3.06] t=−0.30, se=1.84 p=0.76, df=2355.00
V_Age	0.02[−0.07,0.10] t=0.44, se=0.04 p=0.66, df=2356.00		−0.06[−0.22,0.10] t=−0.71, se=0.08 p=0.48, df=2356.00	0.02[−0.06,0.11] t=0.54, se=0.04 p=0.59, df=2355.00	−0.02[−0.11,0.07] t=−0.42, se=0.05 p=0.68, df=2356.00		−0.06[−0.22,0.10] t=−0.71, se=0.08 p=0.48, df=2356.00	−0.01[−0.10,0.07] t=−0.29, se=0.04 p=0.77, df=2355.00
V_Locationinthecity	0.77[−0.35,1.89] t=1.34, se=0.57 p=0.18, df=2356.00		0.66[−1.50,2.81] t=0.60, se=1.10 p=0.55, df=2356.00	0.74[−0.38,1.85] t=1.30, se=0.57 p=0.19, df=2355.00	1.22[0.04,2.40]* t=2.03, se=0.60 p=0.04, df=2356.00		0.66[−1.50,2.81] t=0.60, se=1.10 p=0.55, df=2356.00	1.18[0.02,2.34]* t=2.00, se=0.59 p=0.05, df=2355.00
V_Locationnearby	0.03[−1.11,1.17] t=0.05, se=0.58 p=0.96, df=2356.00		−1.02[−3.21,1.17] t=−0.91, se=1.12 p=0.36, df=2356.00	0.10[−1.03,1.23] t=0.18, se=0.58 p=0.86, df=2355.00	0.31[−0.89,1.51] t=0.51, se=0.61 p=0.61, df=2356.00		−1.02[−3.21,1.17] t=−0.91, se=1.12 p=0.36, df=2356.00	0.42[−0.76,1.60] t=0.70, se=0.60 p=0.49, df=2355.00
V_StoreTypedepartmentstore	0.93[−0.20,2.05] t=1.61, se=0.57 p=0.11, df=2356.00		1.19[−0.98,3.36] t=1.07, se=1.11 p=0.28, df=2356.00	0.84[−0.28,1.96] t=1.47, se=0.57 p=0.14, df=2355.00	0.58[−0.60,1.76] t=0.96, se=0.60 p=0.34, df=2356.00		1.19[−0.98,3.36] t=1.07, se=1.11 p=0.28, df=2356.00	0.45[−0.72,1.61] t=0.75, se=0.59 p=0.45, df=2355.00
V_StoreTypesupermarket	0.90[−0.22,2.02] t=1.57, se=0.57 p=0.12, df=2356.00		0.93[−1.23,3.09] t=0.84, se=1.10 p=0.40, df=2356.00	0.84[−0.28,1.95] t=1.47, se=0.57 p=0.14, df=2355.00	1.29[0.11,2.47]* t=2.14, se=0.60 p=0.03, df=2356.00		0.93[−1.23,3.09] t=0.84, se=1.10 p=0.40, df=2356.00	1.20[0.04,2.36]* t=2.02, se=0.59 p=0.04, df=2355.00
V_PresentationDefensiveV_Productcigarettes	−0.99[−6.24,4.27] t=−0.37, se=2.68 p=0.71, df=2356.00		11.80[1.68,21.92]* t=2.29, se=5.16 p=0.02, df=2356.00	−1.69[−6.91,3.53] t=−0.64, se=2.66 p=0.52, df=2355.00	0.31[−5.21,5.83] t=0.11, se=2.82 p=0.91, df=2356.00		11.80[1.68,21.92]* t=2.29, se=5.16 p=0.02, df=2356.00	−0.77[−6.21,4.68] t=−0.28, se=2.78 p=0.78, df=2355.00
V_PresentationDefensiveV_Producthardwaresupplies	−1.45[−6.69,3.78] t=−0.54, se=2.67 p=0.59, df=2356.00		−14.26[−24.34,−4.17]** t=−2.77, se=5.14 p=0.01, df=2356.00	−0.54[−5.75,4.66] t=−0.20, se=2.65 p=0.84, df=2355.00	−3.08[−8.58,2.43] t=−1.10, se=2.81 p=0.27, df=2356.00		−14.26[−24.34,−4.17]** t=−2.77, se=5.14 p=0.01, df=2356.00	−1.71[−7.15,3.72] t=−0.62, se=2.77 p=0.54, df=2355.00
V_PresentationDefensiveV_Producttoiletpaper	0.66[−4.49,5.81] t=0.25, se=2.63 p=0.80, df=2356.00		−12.70[−22.62,−2.77]* t=−2.51, se=5.06 p=0.01, df=2356.00	1.49[−3.63,6.61] t=0.57, se=2.61 p=0.57, df=2355.00	0.41[−5.01,5.82] t=0.15, se=2.76 p=0.88, df=2356.00		−12.70[−22.62,−2.77]* t=−2.51, se=5.06 p=0.01, df=2356.00	1.64[−3.70,6.98] t=0.60, se=2.72 p=0.55, df=2355.00
V_PresentationDefensiveV_RacenamefBlack	1.07[−4.10,6.24] t=0.41, se=2.64 p=0.68, df=2356.00		−1.50[−11.46,8.45] t=−0.30, se=5.08 p=0.77, df=2356.00	1.17[−3.96,6.30] t=0.45, se=2.62 p=0.65, df=2355.00	−2.63[−8.06,2.80] t=−0.95, se=2.77 p=0.34, df=2356.00		−1.50[−11.46,8.45] t=−0.30, se=5.08 p=0.77, df=2356.00	−2.53[−7.88,2.83] t=−0.93, se=2.73 p=0.35, df=2355.00
V_PresentationDefensiveV_RacenamefChinese	−0.46[−5.71,4.80] t=−0.17, se=2.68 p=0.87, df=2356.00		−0.66[−10.78,9.46] t=−0.13, se=5.16 p=0.90, df=2356.00	−0.42[−5.64,4.80] t=−0.16, se=2.66 p=0.87, df=2355.00	−2.36[−7.89,3.16] t=−0.84, se=2.82 p=0.40, df=2356.00		−0.66[−10.78,9.46] t=−0.13, se=5.16 p=0.90, df=2356.00	−2.35[−7.79,3.10] t=−0.85, se=2.77 p=0.40, df=2355.00
V_PresentationDefensiveV_RacenamefIndian	−2.36[−7.61,2.88] t=−0.88, se=2.67 p=0.38, df=2356.00		−3.97[−14.07,6.13] t=−0.77, se=5.15 p=0.44, df=2356.00	−2.09[−7.30,3.12] t=−0.79, se=2.66 p=0.43, df=2355.00	−2.34[−7.85,3.17] t=−0.83, se=2.81 p=0.41, df=2356.00		−3.97[−14.07,6.13] t=−0.77, se=5.15 p=0.44, df=2356.00	−1.95[−7.38,3.48] t=−0.70, se=2.77 p=0.48, df=2355.00
V_ProductcigarettesV_RacenamefBlack	−3.07[−8.18,2.05] t=−1.18, se=2.61 p=0.24, df=2356.00		−3.40[−13.21,6.41] t=−0.68, se=5.00 p=0.50, df=2356.00	−2.81[−7.89,2.26] t=−1.09, se=2.59 p=0.28, df=2355.00	−2.34[−7.72,3.04] t=−0.85, se=2.74 p=0.39, df=2356.00		−3.40[−13.21,6.41] t=−0.68, se=5.00 p=0.50, df=2356.00	−1.98[−7.28,3.32] t=−0.73, se=2.70 p=0.46, df=2355.00
V_ProducthardwaresuppliesV_RacenamefBlack	3.10[−2.06,8.27] t=1.18, se=2.63 p=0.24, df=2356.00		−3.16[−13.06,6.74] t=−0.63, se=5.05 p=0.53, df=2356.00	3.32[−1.81,8.44] t=1.27, se=2.62 p=0.20, df=2355.00	1.96[−3.47,7.40] t=0.71, se=2.77 p=0.48, df=2356.00		−3.16[−13.06,6.74] t=−0.63, se=5.05 p=0.53, df=2356.00	2.25[−3.10,7.60] t=0.83, se=2.73 p=0.41, df=2355.00
V_ProducttoiletpaperV_RacenamefBlack	−1.46[−6.62,3.71] t=−0.55, se=2.64 p=0.58, df=2356.00		−1.02[−10.93,8.90] t=−0.20, se=5.05 p=0.84, df=2356.00	−1.36[−6.49,3.77] t=−0.52, se=2.62 p=0.60, df=2355.00	−2.18[−7.61,3.26] t=−0.79, se=2.77 p=0.43, df=2356.00		−1.02[−10.93,8.90] t=−0.20, se=5.05 p=0.84, df=2356.00	−2.04[−7.40,3.31] t=−0.75, se=2.73 p=0.45, df=2355.00
V_ProductcigarettesV_RacenamefChinese	−1.25[−6.47,3.97] t=−0.47, se=2.66 p=0.64, df=2356.00		1.07[−8.99,11.13] t=0.21, se=5.13 p=0.83, df=2356.00	−1.32[−6.50,3.86] t=−0.50, se=2.64 p=0.62, df=2355.00	0.24[−5.25,5.73] t=0.09, se=2.80 p=0.93, df=2356.00		1.07[−8.99,11.13] t=0.21, se=5.13 p=0.83, df=2356.00	0.12[−5.29,5.53] t=0.04, se=2.76 p=0.97, df=2355.00
V_ProducthardwaresuppliesV_RacenamefChinese	2.62[−2.61,7.84] t=0.98, se=2.67 p=0.33, df=2356.00		0.57[−9.51,10.64] t=0.11, se=5.14 p=0.91, df=2356.00	2.60[−2.59,7.79] t=0.98, se=2.65 p=0.33, df=2355.00	1.51[−3.98,7.01] t=0.54, se=2.80 p=0.59, df=2356.00		0.57[−9.51,10.64] t=0.11, se=5.14 p=0.91, df=2356.00	1.49[−3.92,6.91] t=0.54, se=2.76 p=0.59, df=2355.00
V_ProducttoiletpaperV_RacenamefChinese	−4.44[−9.72,0.85] t=−1.64, se=2.70 p=0.10, df=2356.00		−3.35[−13.54,6.83] t=−0.65, se=5.20 p=0.52, df=2356.00	−4.21[−9.46,1.04] t=−1.57, se=2.68 p=0.12, df=2355.00	−3.68[−9.24,1.88] t=−1.30, se=2.83 p=0.19, df=2356.00		−3.35[−13.54,6.83] t=−0.65, se=5.20 p=0.52, df=2356.00	−3.30[−8.78,2.17] t=−1.18, se=2.79 p=0.24, df=2355.00
V_ProductcigarettesV_RacenamefIndian	−3.49[−8.55,1.58] t=−1.35, se=2.58 p=0.18, df=2356.00		−2.12[−11.84,7.59] t=−0.43, se=4.95 p=0.67, df=2356.00	−3.37[−8.40,1.66] t=−1.31, se=2.56 p=0.19, df=2355.00	−2.93[−8.26,2.40] t=−1.08, se=2.72 p=0.28, df=2356.00		−2.12[−11.84,7.59] t=−0.43, se=4.95 p=0.67, df=2356.00	−2.77[−8.02,2.48] t=−1.04, se=2.68 p=0.30, df=2355.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.30[−3.60,6.21] t=0.52, se=2.50 p=0.60, df=2356.00		−0.56[−9.97,8.84] t=−0.12, se=4.80 p=0.91, df=2356.00	1.34[−3.53,6.21] t=0.54, se=2.48 p=0.59, df=2355.00	1.45[−3.70,6.61] t=0.55, se=2.63 p=0.58, df=2356.00		−0.56[−9.97,8.84] t=−0.12, se=4.80 p=0.91, df=2356.00	1.52[−3.56,6.60] t=0.59, se=2.59 p=0.56, df=2355.00
V_ProducttoiletpaperV_RacenamefIndian	−7.24[−12.29,−2.19]** t=−2.81, se=2.58 p=0.00, df=2356.00		−4.57[−14.26,5.11] t=−0.93, se=4.94 p=0.35, df=2356.00	−6.93[−11.94,−1.92]** t=−2.71, se=2.56 p=0.01, df=2355.00	−3.47[−8.78,1.84] t=−1.28, se=2.71 p=0.20, df=2356.00		−4.57[−14.26,5.11] t=−0.93, se=4.94 p=0.35, df=2356.00	−3.00[−8.23,2.24] t=−1.12, se=2.67 p=0.26, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	2.37[−4.96,9.70] t=0.63, se=3.74 p=0.53, df=2356.00		4.94[−9.19,19.08] t=0.69, se=7.21 p=0.49, df=2356.00	2.01[−5.27,9.29] t=0.54, se=3.71 p=0.59, df=2355.00	4.08[−3.62,11.79] t=1.04, se=3.93 p=0.30, df=2356.00		4.94[−9.19,19.08] t=0.69, se=7.21 p=0.49, df=2356.00	3.58[−4.01,11.17] t=0.92, se=3.87 p=0.36, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−5.48[−12.83,1.88] t=−1.46, se=3.75 p=0.14, df=2356.00		3.45[−10.70,17.61] t=0.48, se=7.22 p=0.63, df=2356.00	−5.70[−13.00,1.60] t=−1.53, se=3.72 p=0.13, df=2355.00	0.00[−7.74,7.73] t=0.00, se=3.94 p=1.00, df=2356.00		3.45[−10.70,17.61] t=0.48, se=7.22 p=0.63, df=2356.00	−0.29[−7.90,7.33] t=−0.07, se=3.88 p=0.94, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	0.68[−6.63,7.99] t=0.18, se=3.73 p=0.86, df=2356.00		−0.66[−14.75,13.42] t=−0.09, se=7.18 p=0.93, df=2356.00	0.74[−6.52,7.99] t=0.20, se=3.70 p=0.84, df=2355.00	5.31[−2.38,12.99] t=1.35, se=3.92 p=0.18, df=2356.00		−0.66[−14.75,13.42] t=−0.09, se=7.18 p=0.93, df=2356.00	5.43[−2.14,13.00] t=1.41, se=3.86 p=0.16, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	1.18[−6.11,8.46] t=0.32, se=3.71 p=0.75, df=2356.00		−2.30[−16.46,11.87] t=−0.32, se=7.22 p=0.75, df=2356.00	1.32[−5.91,8.55] t=0.36, se=3.69 p=0.72, df=2355.00	2.45[−5.19,10.10] t=0.63, se=3.90 p=0.53, df=2356.00		−2.30[−16.46,11.87] t=−0.32, se=7.22 p=0.75, df=2356.00	2.71[−4.83,10.25] t=0.71, se=3.84 p=0.48, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−0.66[−8.05,6.72] t=−0.18, se=3.77 p=0.86, df=2356.00		7.37[−6.98,21.73] t=1.01, se=7.32 p=0.31, df=2356.00	−1.12[−8.46,6.21] t=−0.30, se=3.74 p=0.76, df=2355.00	2.66[−5.09,10.41] t=0.67, se=3.95 p=0.50, df=2356.00		7.37[−6.98,21.73] t=1.01, se=7.32 p=0.31, df=2356.00	1.98[−5.66,9.62] t=0.51, se=3.90 p=0.61, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	3.76[−3.49,11.01] t=1.02, se=3.70 p=0.31, df=2356.00		4.34[−9.77,18.45] t=0.60, se=7.20 p=0.55, df=2356.00	3.47[−3.73,10.67] t=0.95, se=3.67 p=0.34, df=2355.00	5.17[−2.44,12.77] t=1.33, se=3.88 p=0.18, df=2356.00		4.34[−9.77,18.45] t=0.60, se=7.20 p=0.55, df=2356.00	4.74[−2.77,12.24] t=1.24, se=3.83 p=0.22, df=2355.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	3.63[−3.77,11.02] t=0.96, se=3.77 p=0.34, df=2356.00		2.33[−11.95,16.61] t=0.32, se=7.28 p=0.75, df=2356.00	3.46[−3.88,10.80] t=0.92, se=3.74 p=0.36, df=2355.00	3.32[−4.45,11.09] t=0.84, se=3.96 p=0.40, df=2356.00		2.33[−11.95,16.61] t=0.32, se=7.28 p=0.75, df=2356.00	3.09[−4.56,10.75] t=0.79, se=3.91 p=0.43, df=2355.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−1.76[−9.11,5.59] t=−0.47, se=3.75 p=0.64, df=2356.00		5.94[−8.21,20.09] t=0.82, se=7.22 p=0.41, df=2356.00	−2.17[−9.47,5.13] t=−0.58, se=3.72 p=0.56, df=2355.00	2.69[−5.03,10.42] t=0.68, se=3.94 p=0.49, df=2356.00		5.94[−8.21,20.09] t=0.82, se=7.22 p=0.41, df=2356.00	2.06[−5.56,9.67] t=0.53, se=3.88 p=0.60, df=2355.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	8.57[1.26,15.89]* t=2.30, se=3.73 p=0.02, df=2356.00		5.75[−8.36,19.86] t=0.80, se=7.19 p=0.42, df=2356.00	8.18[0.91,15.45]* t=2.21, se=3.71 p=0.03, df=2355.00	4.97[−2.72,12.66] t=1.27, se=3.92 p=0.20, df=2356.00		5.75[−8.36,19.86] t=0.80, se=7.19 p=0.42, df=2356.00	4.40[−3.18,11.98] t=1.14, se=3.87 p=0.26, df=2355.00
MWPre_Post		0.06[0.04,0.07]*** t=6.03, se=0.01 p=0.00, df=2392.00		0.06[0.04,0.08]*** t=5.96, se=0.01 p=0.00, df=2355.00		0.08[0.06,0.10]*** t=8.20, se=0.01 p=0.00, df=2392.00		0.10[0.07,0.12]*** t=8.62, se=0.01 p=0.00, df=2355.00
SD (Intercept ID)	2.88 t=, se= p=, df=	2.97 t=, se= p=, df=	0.00 t=, se= p=, df=	2.85 t=, se= p=, df=	3.31 t=, se= p=, df=	3.15 t=, se= p=, df=	0.00 t=, se= p=, df=	3.13 t=, se= p=, df=
SD (Observations)	11.06 t=, se= p=, df=	11.08 t=, se= p=, df=	21.91 t=, se= p=, df=	10.98 t=, se= p=, df=	11.57 t=, se= p=, df=	11.51 t=, se= p=, df=	21.91 t=, se= p=, df=	11.43 t=, se= p=, df=
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.035	0.015	0.222	0.049	0.025	0.027	0.222	0.054
R2 Cond.	0.097	0.081		0.109	0.098	0.094		0.120
AIC	18 419.1	18 491.7	21 501.3	18 393.0	18 658.5	18 676.9	21 501.3	18 594.6
BIC	18 644.5	18 514.8	21 726.8	18 624.3	18 883.9	18 700.0	21 726.8	18 825.8
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.68	10.76	21.74	10.60	11.12	11.16	21.74	11.00

Table 1.45: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	18464.84	18690.24	-9193.42	18386.84			
C2Path	40.00	18431.02	18662.20	-9175.51	18351.02	35.82	1	0.0000

Table 1.46: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	18708.48	18933.88	-9315.24	18630.48			
C2Path	40.00	18636.34	18867.51	-9278.17	18556.34	74.15	1	0.0000

Chapter 2

With Race 2*White

2.1 H1a

Table 2.1: Model H1a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	26.22[20.08,32.36]*** 8.38 [3.13] 0.00 [2341.00]	28.64[27.04,30.24]*** 35.10 [0.82] 0.00 [2392.00]	16.28[6.18,26.39]** 3.16 [5.15] 0.00 [2341.00]	23.23[17.31,29.15]*** 7.69 [3.02] 0.00 [2340.00]	27.24[21.04,33.44]*** 8.61 [3.16] 0.00 [2341.00]	28.02[26.37,29.67]*** 33.29 [0.84] 0.00 [2392.00]	16.28[6.18,26.39]** 3.16 [5.15] 0.00 [2341.00]	23.98[18.04,29.91]*** 7.92 [3.03] 0.00 [2340.00]
RaceContRespNonAmWhite	−1.99[−8.58,4.59] −0.59 [3.36] 0.55 [2341.00]		−0.80[−10.94,9.35] −0.15 [5.17] 0.88 [2341.00]	−1.75[−8.03,4.53] −0.55 [3.20] 0.58 [2340.00]	3.45[−3.26,10.15] 1.01 [3.42] 0.31 [2341.00]		−0.80[−10.94,9.35] −0.15 [5.17] 0.88 [2341.00]	3.70[−2.64,10.04] 1.14 [3.23] 0.25 [2340.00]
RaceContRespWhiteAmerican	−4.94[−11.15,1.26] −1.56 [3.16] 0.12 [2341.00]		−9.01[−18.59,0.57]+ −1.84 [4.89] 0.07 [2341.00]	−3.31[−9.24,2.61] −1.10 [3.02] 0.27 [2340.00]	−2.53[−8.85,3.79] −0.79 [3.22] 0.43 [2341.00]		−9.01[−18.59,0.57]+ −1.84 [4.89] 0.07 [2341.00]	−0.78[−6.76,5.20] −0.26 [3.05] 0.80 [2340.00]
V_Productcigarettes	9.81[4.54,15.09]*** 3.65 [2.69] 0.00 [2341.00]		21.62[12.35,30.89]*** 4.57 [4.73] 0.00 [2341.00]	6.28[1.12,11.43]* 2.39 [2.63] 0.02 [2340.00]	8.60[3.32,13.88]** 3.19 [2.69] 0.00 [2341.00]		21.62[12.35,30.89]*** 4.57 [4.73] 0.00 [2341.00]	4.77[−0.36,9.89]+ 1.82 [2.61] 0.07 [2340.00]
V_Producthardwaresupplies	−0.29[−5.65,5.08] −0.10 [2.73] 0.92 [2341.00]		3.67[−5.76,13.10] 0.76 [4.81] 0.45 [2341.00]	−0.77[−5.99,4.44] −0.29 [2.66] 0.77 [2340.00]	0.02[−5.34,5.39] 0.01 [2.74] 0.99 [2341.00]		3.67[−5.76,13.10] 0.76 [4.81] 0.45 [2341.00]	−0.50[−5.68,4.69] −0.19 [2.64] 0.85 [2340.00]
V_Producttoiletpaper	2.51[−2.73,7.75] 0.94 [2.67] 0.35 [2341.00]		19.62[10.43,28.82]*** 4.18 [4.69] 0.00 [2341.00]	−0.72[−5.83,4.39] −0.28 [2.61] 0.78 [2340.00]	4.03[−1.21,9.28] 1.51 [2.67] 0.13 [2341.00]		19.62[10.43,28.82]*** 4.18 [4.69] 0.00 [2341.00]	0.53[−4.56,5.61] 0.20 [2.59] 0.84 [2340.00]
V_RacenamefBlack	−1.62[−6.87,3.62] −0.61 [2.67] 0.54 [2341.00]		−2.31[−11.53,6.91] −0.49 [4.70] 0.62 [2341.00]	−1.06[−6.15,4.04] −0.41 [2.60] 0.68 [2340.00]	−0.91[−6.15,4.34] −0.34 [2.67] 0.73 [2341.00]		−2.31[−11.53,6.91] −0.49 [4.70] 0.62 [2341.00]	−0.29[−5.36,4.77] −0.11 [2.58] 0.91 [2340.00]
V_RacenamefChinese	−2.01[−7.20,3.17] −0.76 [2.64] 0.45 [2341.00]		−5.27[−14.36,3.83] −1.14 [4.64] 0.26 [2341.00]	−0.95[−5.99,4.09] −0.37 [2.57] 0.71 [2340.00]	−0.01[−5.20,5.18] 0.00 [2.65] 1.00 [2341.00]		−5.27[−14.36,3.83] −1.14 [4.64] 0.26 [2341.00]	1.14[−3.87,6.15] 0.45 [2.56] 0.66 [2340.00]
V_RacenamefIndian	0.01[−5.48,5.50] 0.00 [2.80] 1.00 [2341.00]		−4.30[−13.95,5.35] −0.87 [4.92] 0.38 [2341.00]	0.78[−4.56,6.12] 0.29 [2.72] 0.77 [2340.00]	−0.07[−5.56,5.42] −0.03 [2.80] 0.98 [2341.00]		−4.30[−13.95,5.35] −0.87 [4.92] 0.38 [2341.00]	0.75[−4.55,6.06] 0.28 [2.71] 0.78 [2340.00]
V_Age	0.15[0.05,0.25]** 3.04 [0.05] 0.00 [2341.00]		0.08[−0.09,0.25] 0.95 [0.09] 0.34 [2341.00]	0.14[0.04,0.23]** 2.86 [0.05] 0.00 [2340.00]	0.11[0.01,0.20]* 2.22 [0.05] 0.03 [2341.00]		0.08[−0.09,0.25] 0.95 [0.09] 0.34 [2341.00]	0.10[0.00,0.19]* 2.01 [0.05] 0.04 [2340.00]
V_Locationinthecity	0.24[−1.04,1.52] 0.36 [0.65] 0.72 [2341.00]		−0.05[−2.31,2.21] −0.04 [1.15] 0.97 [2341.00]	0.33[−0.92,1.57] 0.52 [0.63] 0.61 [2340.00]	−0.03[−1.31,1.25] −0.04 [0.65] 0.97 [2341.00]		−0.05[−2.31,2.21] −0.04 [1.15] 0.97 [2341.00]	0.08[−1.16,1.32] 0.13 [0.63] 0.90 [2340.00]
V_Locationnearby	−0.38[−1.68,0.91] −0.58 [0.66] 0.56 [2341.00]		−1.11[−3.40,1.18] −0.95 [1.17] 0.34 [2341.00]	−0.14[−1.41,1.12] −0.22 [0.64] 0.82 [2340.00]	−0.66[−1.96,0.64] −0.99 [0.66] 0.32 [2341.00]		−1.11[−3.40,1.18] −0.95 [1.17] 0.34 [2341.00]	−0.38[−1.64,0.87] −0.60 [0.64] 0.55 [2340.00]
V_StoreTypedepartmentstore	1.09[−0.19,2.37]+ 1.67 [0.65] 0.10 [2341.00]		1.70[−0.56,3.96] 1.47 [1.15] 0.14 [2341.00]	0.81[−0.44,2.05] 1.27 [0.64] 0.20 [2340.00]	−0.03[−1.31,1.25] −0.04 [0.65] 0.96 [2341.00]		1.70[−0.56,3.96] 1.47 [1.15] 0.14 [2341.00]	−0.34[−1.57,0.90] −0.53 [0.63] 0.59 [2340.00]
V_StoreTypesupermarket	1.29[0.01,2.58]* 1.98 [0.65] 0.05 [2341.00]		1.39[−0.87,3.65] 1.20 [1.15] 0.23 [2341.00]	1.09[−0.16,2.34]+ 1.71 [0.64] 0.09 [2340.00]	0.89[−0.40,2.17] 1.35 [0.65] 0.18 [2341.00]		1.39[−0.87,3.65] 1.20 [1.15] 0.23 [2341.00]	0.67[−0.58,1.91] 1.05 [0.63] 0.29 [2340.00]
RaceContRespNonAmWhiteV_Productcigarettes	0.23[−7.41,7.87] 0.06 [3.90] 0.95 [2341.00]		−1.81[−15.23,11.62] −0.26 [6.85] 0.79 [2341.00]	0.53[−6.90,7.96] 0.14 [3.79] 0.89 [2340.00]	−6.32[−13.96,1.33] −1.62 [3.90] 0.11 [2341.00]		−1.81[−15.23,11.62] −0.26 [6.85] 0.79 [2341.00]	−5.97[−13.36,1.41] −1.59 [3.77] 0.11 [2340.00]
RaceContRespWhiteAmericanV_Productcigarettes	3.19[−4.00,10.38] 0.87 [3.67] 0.38 [2341.00]		3.40[−9.23,16.03] 0.53 [6.44] 0.60 [2341.00]	2.61[−4.38,9.59] 0.73 [3.56] 0.46 [2340.00]	2.49[−4.70,9.68] 0.68 [3.67] 0.50 [2341.00]		3.40[−9.23,16.03] 0.53 [6.44] 0.60 [2341.00]	1.87[−5.08,8.81] 0.53 [3.54] 0.60 [2340.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	2.33[−5.26,9.92] 0.60 [3.87] 0.55 [2341.00]		6.77[−6.57,20.11] 1.00 [6.80] 0.32 [2341.00]	0.94[−6.44,8.32] 0.25 [3.76] 0.80 [2340.00]	−0.01[−7.61,7.58] 0.00 [3.87] 1.00 [2341.00]		6.77[−6.57,20.11] 1.00 [6.80] 0.32 [2341.00]	−1.51[−8.85,5.83] −0.40 [3.74] 0.69 [2340.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	1.20[−5.98,8.38] 0.33 [3.66] 0.74 [2341.00]		−1.32[−13.94,11.30] −0.21 [6.44] 0.84 [2341.00]	1.18[−5.80,8.16] 0.33 [3.56] 0.74 [2340.00]	0.07[−7.11,7.25] 0.02 [3.66] 0.98 [2341.00]		−1.32[−13.94,11.30] −0.21 [6.44] 0.84 [2341.00]	0.05[−6.88,6.99] 0.02 [3.54] 0.99 [2340.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	2.20[−5.37,9.78] 0.57 [3.86] 0.57 [2341.00]		1.81[−11.50,15.13] 0.27 [6.79] 0.79 [2341.00]	1.75[−5.62,9.11] 0.47 [3.76] 0.64 [2340.00]	−2.68[−10.26,4.90] −0.69 [3.87] 0.49 [2341.00]		1.81[−11.50,15.13] 0.27 [6.79] 0.79 [2341.00]	−3.17[−10.50,4.16] −0.85 [3.74] 0.40 [2340.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	0.89[−6.16,7.95] 0.25 [3.60] 0.80 [2341.00]		0.60[−11.79,13.00] 0.10 [6.32] 0.92 [2341.00]	0.68[−6.17,7.54] 0.20 [3.50] 0.84 [2340.00]	−2.98[−10.04,4.08] −0.83 [3.60] 0.41 [2341.00]		0.60[−11.79,13.00] 0.10 [6.32] 0.92 [2341.00]	−3.17[−9.99,3.65] −0.91 [3.48] 0.36 [2340.00]
RaceContRespNonAmWhiteV_RacenamefBlack	4.43[−3.09,11.96] 1.15 [3.84] 0.25 [2341.00]		2.21[−11.02,15.44] 0.33 [6.74] 0.74 [2341.00]	3.93[−3.38,11.24] 1.05 [3.73] 0.29 [2340.00]	2.19[−5.34,9.72] 0.57 [3.84] 0.57 [2341.00]		2.21[−11.02,15.44] 0.33 [6.74] 0.74 [2341.00]	1.67[−5.60,8.94] 0.45 [3.71] 0.65 [2340.00]
RaceContRespWhiteAmericanV_RacenamefBlack	3.11[−3.98,10.19] 0.86 [3.61] 0.39 [2341.00]		1.54[−10.92,14.00] 0.24 [6.35] 0.81 [2341.00]	2.65[−4.24,9.54] 0.75 [3.51] 0.45 [2340.00]	−0.98[−8.07,6.11] −0.27 [3.62] 0.79 [2341.00]		1.54[−10.92,14.00] 0.24 [6.35] 0.81 [2341.00]	−1.46[−8.31,5.39] −0.42 [3.49] 0.68 [2340.00]
RaceContRespNonAmWhiteV_RacenamefChinese	2.92[−4.88,10.72] 0.73 [3.98] 0.46 [2341.00]		5.92[−7.78,19.61] 0.85 [6.98] 0.40 [2341.00]	1.72[−5.86,9.30] 0.44 [3.87] 0.66 [2340.00]	−0.39[−8.19,7.41] −0.10 [3.98] 0.92 [2341.00]		5.92[−7.78,19.61] 0.85 [6.98] 0.40 [2341.00]	−1.70[−9.24,5.84] −0.44 [3.84] 0.66 [2340.00]
RaceContRespWhiteAmericanV_RacenamefChinese	5.05[−1.97,12.08] 1.41 [3.58] 0.16 [2341.00]		7.39[−4.95,19.73] 1.17 [6.29] 0.24 [2341.00]	3.66[−3.17,10.50] 1.05 [3.48] 0.29 [2340.00]	0.49[−6.54,7.52] 0.14 [3.59] 0.89 [2341.00]		7.39[−4.95,19.73] 1.17 [6.29] 0.24 [2341.00]	−1.01[−7.80,5.79] −0.29 [3.46] 0.77 [2340.00]
RaceContRespNonAmWhiteV_RacenamefIndian	2.27[−5.32,9.87] 0.59 [3.87] 0.56 [2341.00]		6.90[−6.45,20.25] 1.01 [6.81] 0.31 [2341.00]	1.03[−6.35,8.42] 0.27 [3.76] 0.78 [2340.00]	−1.91[−9.50,5.69] −0.49 [3.87] 0.62 [2341.00]		6.90[−6.45,20.25] 1.01 [6.81] 0.31 [2341.00]	−3.23[−10.57,4.11] −0.86 [3.74] 0.39 [2340.00]
RaceContRespWhiteAmericanV_RacenamefIndian	1.16[−6.17,8.50] 0.31 [3.74] 0.76 [2341.00]		8.14[−4.76,21.04] 1.24 [6.58] 0.22 [2341.00]	−0.21[−7.34,6.92] −0.06 [3.64] 0.95 [2340.00]	−1.82[−9.16,5.52] −0.49 [3.74] 0.63 [2341.00]		8.14[−4.76,21.04] 1.24 [6.58] 0.22 [2341.00]	−3.28[−10.37,3.81] −0.91 [3.62] 0.36 [2340.00]
V_ProductcigarettesV_RacenamefBlack	0.74[−6.77,8.25] 0.19 [3.83] 0.85 [2341.00]		−3.30[−16.45,9.85] −0.49 [6.71] 0.62 [2341.00]	1.17[−6.13,8.47] 0.31 [3.72] 0.75 [2340.00]	−1.12[−8.64,6.39] −0.29 [3.83] 0.77 [2341.00]		−3.30[−16.45,9.85] −0.49 [6.71] 0.62 [2341.00]	−0.67[−7.93,6.59] −0.18 [3.70] 0.86 [2340.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.44[−7.44,8.32] 0.11 [4.02] 0.91 [2341.00]		−2.95[−16.69,10.78] −0.42 [7.00] 0.67 [2341.00]	0.70[−6.95,8.35] 0.18 [3.90] 0.86 [2340.00]	1.33[−6.56,9.21] 0.33 [4.02] 0.74 [2341.00]		−2.95[−16.69,10.78] −0.42 [7.00] 0.67 [2341.00]	1.62[−6.00,9.23] 0.42 [3.88] 0.68 [2340.00]
V_ProducttoiletpaperV_RacenamefBlack	3.75[−3.89,11.38] 0.96 [3.89] 0.34 [2341.00]		−5.13[−18.49,8.23] −0.75 [6.81] 0.45 [2341.00]	4.30[−3.12,11.72] 1.14 [3.78] 0.26 [2340.00]	0.79[−6.85,8.43] 0.20 [3.90] 0.84 [2341.00]		−5.13[−18.49,8.23] −0.75 [6.81] 0.45 [2341.00]	1.39[−5.99,8.78] 0.37 [3.76] 0.71 [2340.00]
V_ProductcigarettesV_RacenamefChinese	3.62[−4.20,11.43] 0.91 [3.99] 0.36 [2341.00]		−4.07[−17.70,9.55] −0.59 [6.95] 0.56 [2341.00]	3.94[−3.65,11.53] 1.02 [3.87] 0.31 [2340.00]	1.20[−6.63,9.02] 0.30 [3.99] 0.76 [2341.00]		−4.07[−17.70,9.55] −0.59 [6.95] 0.56 [2341.00]	1.54[−6.01,9.09] 0.40 [3.85] 0.69 [2340.00]
V_ProducthardwaresuppliesV_RacenamefChinese	2.46[−5.15,10.08] 0.63 [3.88] 0.53 [2341.00]		5.10[−8.21,18.41] 0.75 [6.79] 0.45 [2341.00]	1.49[−5.91,8.89] 0.40 [3.77] 0.69 [2340.00]	2.11[−5.51,9.73] 0.54 [3.89] 0.59 [2341.00]		5.10[−8.21,18.41] 0.75 [6.79] 0.45 [2341.00]	1.03[−6.33,8.40] 0.28 [3.75] 0.78 [2340.00]
V_ProducttoiletpaperV_RacenamefChinese	−2.25[−9.88,5.38] −0.58 [3.89] 0.56 [2341.00]		−0.38[−13.67,12.90] −0.06 [6.78] 0.95 [2341.00]	−2.38[−9.79,5.03] −0.63 [3.78] 0.53 [2340.00]	−3.53[−11.17,4.10] −0.91 [3.89] 0.36 [2341.00]		−0.38[−13.67,12.90] −0.06 [6.78] 0.95 [2341.00]	−3.66[−11.03,3.71] −0.97 [3.76] 0.33 [2340.00]
V_ProductcigarettesV_RacenamefIndian	−1.83[−9.64,5.98] −0.46 [3.98] 0.65 [2341.00]		4.91[−8.72,18.54] 0.71 [6.95] 0.48 [2341.00]	−2.74[−10.32,4.85] −0.71 [3.87] 0.48 [2340.00]	−2.76[−10.58,5.05] −0.69 [3.99] 0.49 [2341.00]		4.91[−8.72,18.54] 0.71 [6.95] 0.48 [2341.00]	−3.74[−11.29,3.81] −0.97 [3.85] 0.33 [2340.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.54[−5.16,10.25] 0.65 [3.93] 0.52 [2341.00]		2.32[−11.19,15.83] 0.34 [6.89] 0.74 [2341.00]	2.00[−5.48,9.49] 0.52 [3.82] 0.60 [2340.00]	1.99[−5.72,9.70] 0.51 [3.93] 0.61 [2341.00]		2.32[−11.19,15.83] 0.34 [6.89] 0.74 [2341.00]	1.39[−6.06,8.84] 0.37 [3.80] 0.71 [2340.00]
V_ProducttoiletpaperV_RacenamefIndian	−1.49[−9.33,6.35] −0.37 [4.00] 0.71 [2341.00]		0.85[−12.82,14.53] 0.12 [6.97] 0.90 [2341.00]	−1.56[−9.17,6.05] −0.40 [3.88] 0.69 [2340.00]	−2.55[−10.39,5.30] −0.64 [4.00] 0.52 [2341.00]		0.85[−12.82,14.53] 0.12 [6.97] 0.90 [2341.00]	−2.59[−10.16,4.99] −0.67 [3.86] 0.50 [2340.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−8.49[−19.56,2.57] −1.51 [5.64] 0.13 [2341.00]		5.20[−14.14,24.54] 0.53 [9.86] 0.60 [2341.00]	−9.57[−20.32,1.18]+ −1.75 [5.48] 0.08 [2340.00]	−0.49[−11.56,10.58] −0.09 [5.65] 0.93 [2341.00]		5.20[−14.14,24.54] 0.53 [9.86] 0.60 [2341.00]	−1.70[−12.39,9.00] −0.31 [5.45] 0.76 [2340.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	−8.04[−18.38,2.29] −1.53 [5.27] 0.13 [2341.00]		−6.29[−24.37,11.79] −0.68 [9.22] 0.50 [2341.00]	−6.88[−16.93,3.16] −1.34 [5.12] 0.18 [2340.00]	−4.54[−14.88,5.80] −0.86 [5.27] 0.39 [2341.00]		−6.29[−24.37,11.79] −0.68 [9.22] 0.50 [2341.00]	−3.29[−13.28,6.70] −0.65 [5.09] 0.52 [2340.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−1.73[−12.90,9.43] −0.30 [5.69] 0.76 [2341.00]		0.99[−18.48,20.47] 0.10 [9.93] 0.92 [2341.00]	−1.57[−12.42,9.27] −0.28 [5.53] 0.78 [2340.00]	−2.11[−13.28,9.07] −0.37 [5.70] 0.71 [2341.00]		0.99[−18.48,20.47] 0.10 [9.93] 0.92 [2341.00]	−1.98[−12.78,8.81] −0.36 [5.50] 0.72 [2340.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−1.49[−12.06,9.07] −0.28 [5.39] 0.78 [2341.00]		4.38[−14.06,22.82] 0.47 [9.40] 0.64 [2341.00]	−1.90[−12.17,8.36] −0.36 [5.23] 0.72 [2340.00]	−0.71[−11.29,9.86] −0.13 [5.39] 0.89 [2341.00]		4.38[−14.06,22.82] 0.47 [9.40] 0.64 [2341.00]	−1.18[−11.40,9.03] −0.23 [5.21] 0.82 [2340.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	−9.42[−20.58,1.73]+ −1.66 [5.69] 0.10 [2341.00]		6.63[−12.88,26.15] 0.67 [9.95] 0.51 [2341.00]	−10.23[−21.07,0.61]+ −1.85 [5.53] 0.06 [2340.00]	−4.38[−15.54,6.78] −0.77 [5.69] 0.44 [2341.00]		6.63[−12.88,26.15] 0.67 [9.95] 0.51 [2341.00]	−5.26[−16.04,5.52] −0.96 [5.50] 0.34 [2340.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	−6.33[−16.67,4.01] −1.20 [5.27] 0.23 [2341.00]		1.89[−16.20,19.97] 0.20 [9.22] 0.84 [2341.00]	−6.29[−16.34,3.76] −1.23 [5.12] 0.22 [2340.00]	0.22[−10.13,10.58] 0.04 [5.28] 0.97 [2341.00]		1.89[−16.20,19.97] 0.20 [9.22] 0.84 [2341.00]	0.25[−9.75,10.25] 0.05 [5.10] 0.96 [2340.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	−9.65[−20.95,1.64]+ −1.68 [5.76] 0.09 [2341.00]		−1.89[−21.62,17.84] −0.19 [10.06] 0.85 [2341.00]	−9.13[−20.10,1.85] −1.63 [5.60] 0.10 [2340.00]	−0.56[−11.86,10.75] −0.10 [5.77] 0.92 [2341.00]		−1.89[−21.62,17.84] −0.19 [10.06] 0.85 [2341.00]	0.01[−10.91,10.92] 0.00 [5.57] 1.00 [2340.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	−12.62[−23.10,−2.13]* −2.36 [5.35] 0.02 [2341.00]		−9.42[−27.72,8.88] −1.01 [9.33] 0.31 [2341.00]	−10.89[−21.08,−0.70]* −2.09 [5.20] 0.04 [2340.00]	−8.05[−18.55,2.45] −1.50 [5.35] 0.13 [2341.00]		−9.42[−27.72,8.88] −1.01 [9.33] 0.31 [2341.00]	−6.20[−16.34,3.94] −1.20 [5.17] 0.23 [2340.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−2.83[−14.09,8.43] −0.49 [5.74] 0.62 [2341.00]		−5.03[−24.71,14.66] −0.50 [10.04] 0.62 [2341.00]	−1.68[−12.62,9.25] −0.30 [5.58] 0.76 [2340.00]	−3.05[−14.32,8.21] −0.53 [5.74] 0.60 [2341.00]		−5.03[−24.71,14.66] −0.50 [10.04] 0.62 [2341.00]	−1.82[−12.70,9.06] −0.33 [5.55] 0.74 [2340.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−4.02[−14.46,6.41] −0.76 [5.32] 0.45 [2341.00]		−3.18[−21.41,15.05] −0.34 [9.30] 0.73 [2341.00]	−3.10[−13.24,7.03] −0.60 [5.17] 0.55 [2340.00]	−4.22[−14.66,6.22] −0.79 [5.32] 0.43 [2341.00]		−3.18[−21.41,15.05] −0.34 [9.30] 0.73 [2341.00]	−3.19[−13.27,6.90] −0.62 [5.14] 0.54 [2340.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	0.17[−11.11,11.46] 0.03 [5.75] 0.98 [2341.00]		−1.18[−20.85,18.48] −0.12 [10.03] 0.91 [2341.00]	0.67[−10.29,11.63] 0.12 [5.59] 0.90 [2340.00]	3.64[−7.66,14.93] 0.63 [5.76] 0.53 [2341.00]		−1.18[−20.85,18.48] −0.12 [10.03] 0.91 [2341.00]	4.21[−6.69,15.12] 0.76 [5.56] 0.45 [2340.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	−2.53[−12.90,7.84] −0.48 [5.29] 0.63 [2341.00]		−9.24[−27.32,8.85] −1.00 [9.22] 0.32 [2341.00]	−0.88[−10.96,9.19] −0.17 [5.14] 0.86 [2340.00]	2.02[−8.36,12.39] 0.38 [5.29] 0.70 [2341.00]		−9.24[−27.32,8.85] −1.00 [9.22] 0.32 [2341.00]	3.75[−6.27,13.77] 0.73 [5.11] 0.46 [2340.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−3.82[−15.08,7.43] −0.67 [5.74] 0.51 [2341.00]		−10.91[−30.55,8.73] −1.09 [10.01] 0.28 [2341.00]	−1.93[−12.87,9.00] −0.35 [5.58] 0.73 [2340.00]	4.86[−6.40,16.12] 0.85 [5.74] 0.40 [2341.00]		−10.91[−30.55,8.73] −1.09 [10.01] 0.28 [2341.00]	6.86[−4.02,17.74] 1.24 [5.55] 0.22 [2340.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	−6.25[−16.88,4.38] −1.15 [5.42] 0.25 [2341.00]		−19.59[−38.15,−1.03]* −2.07 [9.47] 0.04 [2341.00]	−3.12[−13.46,7.21] −0.59 [5.27] 0.55 [2340.00]	−3.36[−14.00,7.27] −0.62 [5.42] 0.54 [2341.00]		−19.59[−38.15,−1.03]* −2.07 [9.47] 0.04 [2341.00]	0.01[−10.27,10.29] 0.00 [5.24] 1.00 [2340.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−4.15[−15.23,6.93] −0.73 [5.65] 0.46 [2341.00]		0.08[−19.31,19.47] 0.01 [9.89] 0.99 [2341.00]	−3.90[−14.66,6.86] −0.71 [5.49] 0.48 [2340.00]	−2.38[−13.46,8.71] −0.42 [5.65] 0.67 [2341.00]		0.08[−19.31,19.47] 0.01 [9.89] 0.99 [2341.00]	−2.08[−12.79,8.62] −0.38 [5.46] 0.70 [2340.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−1.53[−11.91,8.85] −0.29 [5.29] 0.77 [2341.00]		0.46[−17.73,18.64] 0.05 [9.27] 0.96 [2341.00]	−1.39[−11.48,8.69] −0.27 [5.14] 0.79 [2340.00]	−0.65[−11.03,9.74] −0.12 [5.30] 0.90 [2341.00]		0.46[−17.73,18.64] 0.05 [9.27] 0.96 [2341.00]	−0.52[−10.55,9.51] −0.10 [5.12] 0.92 [2340.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	−2.74[−13.88,8.39] −0.48 [5.68] 0.63 [2341.00]		−2.06[−21.50,17.38] −0.21 [9.91] 0.84 [2341.00]	−2.44[−13.26,8.38] −0.44 [5.52] 0.66 [2340.00]	4.54[−6.61,15.69] 0.80 [5.69] 0.42 [2341.00]		−2.06[−21.50,17.38] −0.21 [9.91] 0.84 [2341.00]	4.82[−5.95,15.59] 0.88 [5.49] 0.38 [2340.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	−0.33[−10.90,10.25] −0.06 [5.39] 0.95 [2341.00]		−10.96[−29.43,7.50] −1.16 [9.42] 0.24 [2341.00]	1.49[−8.78,11.77] 0.29 [5.24] 0.78 [2340.00]	3.99[−6.59,14.57] 0.74 [5.40] 0.46 [2341.00]		−10.96[−29.43,7.50] −1.16 [9.42] 0.24 [2341.00]	5.89[−4.33,16.11] 1.13 [5.21] 0.26 [2340.00]
MorallyWrong		0.19[0.17,0.21]*** 16.90 [0.01] 0.00 [2392.00]		0.17[0.15,0.19]*** 14.09 [0.01] 0.00 [2340.00]		0.19[0.17,0.21]*** 17.40 [0.01] 0.00 [2392.00]		0.18[0.16,0.21]*** 15.30 [0.01] 0.00 [2340.00]
SD (Intercept ID)	19.36	17.68	19.81	17.81	20.32	18.47	19.81	18.53
SD (Observations)	11.29	11.27	20.34	10.99	11.28	11.04	20.34	10.91
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.030	0.068	0.104	0.082	0.025	0.067	0.104	0.081
R2 Cond.	0.754	0.731	0.540	0.747	0.770	0.754	0.540	0.763
AIC	19 845.4	19 847.8	22 024.2	19 666.2	19 895.7	19 817.7	22 024.2	19 684.4
BIC	20 163.4	19 870.9	22 342.2	19 989.9	20 213.7	19 840.8	22 342.2	20 008.2
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	9.77	9.91	17.99	9.52	9.75	9.69	17.99	9.44

p.value, [df.error]
t, [std.error]
Estimate [95%ConfInterval]

Table 2.2: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	19995.20	20313.19	-9942.60	19885.20			
C2Path	56.00	19805.67	20129.43	-9846.83	19693.67	191.54	1	0.0000

Table 2.3: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	20045.80	20363.79	-9967.90	19935.80			
C2Path	56.00	19823.51	20147.28	-9855.76	19711.51	224.29	1	0.0000

Table 2.4: Model H1a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	26.19[20.09,32.28]***	28.64[27.04,30.24]***	15.93[5.91,25.95]**	23.30[17.42,29.17]***	27.18[21.07,33.29]***	28.02[26.37,29.67]***	16.97[7.03,26.90]***	23.85[18.00,29.70]***
	8.43 [3.11]	35.10 [0.82]	3.12 [5.11]	7.78 [3.00]	8.72 [3.12]	33.29 [0.84]	3.35 [5.07]	8.00 [2.98]
	0.00 [2343.00]	0.00 [2392.00]	0.00 [2343.00]	0.00 [2342.00]	0.00 [2345.00]	0.00 [2392.00]	0.00 [2345.00]	0.00 [2344.00]
RaceContRespNonAmWhite	−1.96[−8.54,4.62]		−0.79[−10.93,9.34]	−1.70[−7.98,4.57]	3.37[−3.33,10.07]		−0.67[−10.80,9.46]	3.61[−2.73,9.95]
	−0.58 [3.36]		−0.15 [5.17]	−0.53 [3.20]	0.99 [3.42]		−0.13 [5.17]	1.12 [3.23]
	0.56 [2343.00]		0.88 [2343.00]	0.59 [2342.00]	0.32 [2345.00]		0.90 [2345.00]	0.26 [2344.00]
RaceContRespWhiteAmerican	−4.97[−11.17,1.24]		−9.08[−18.65,0.50]+	−3.32[−9.24,2.61]	−2.60[−8.92,3.71]		−9.15[−18.73,0.42]+	−0.81[−6.79,5.17]
	−1.57 [3.16]		−1.86 [4.88]	−1.10 [3.02]	−0.81 [3.22]		−1.87 [4.88]	−0.27 [3.05]
	0.12 [2343.00]		0.06 [2343.00]	0.27 [2342.00]	0.42 [2345.00]		0.06 [2345.00]	0.79 [2344.00]
V_Productcigarettes	9.80[4.52,15.08]***		21.58[12.32,30.85]***	6.28[1.12,11.43]*	8.70[3.42,13.98]**		21.60[12.34,30.86]***	4.88[−0.24,10.01]+
	3.64 [2.69]		4.57 [4.73]	2.39 [2.63]	3.23 [2.69]		4.57 [4.72]	1.87 [2.61]
	0.00 [2343.00]		0.00 [2343.00]	0.02 [2342.00]	0.00 [2345.00]		0.00 [2345.00]	0.06 [2344.00]
V_Producthardwaresupplies	−0.32[−5.68,5.04]		3.58[−5.85,13.01]	−0.79[−6.00,4.42]	0.03[−5.33,5.40]		3.62[−5.81,13.05]	−0.46[−5.65,4.72]
	−0.12 [2.73]		0.74 [4.81]	−0.30 [2.66]	0.01 [2.73]		0.75 [4.81]	−0.18 [2.64]
	0.91 [2343.00]		0.46 [2343.00]	0.77 [2342.00]	0.99 [2345.00]		0.45 [2345.00]	0.86 [2344.00]
V_Producttoiletpaper	2.59[−2.64,7.82]		19.72[10.53,28.91]***	−0.64[−5.75,4.46]	4.18[−1.06,9.41]		19.69[10.50,28.88]***	0.67[−4.41,5.75]
	0.97 [2.67]		4.21 [4.69]	−0.25 [2.60]	1.56 [2.67]		4.20 [4.69]	0.26 [2.59]
	0.33 [2343.00]		0.00 [2343.00]	0.80 [2342.00]	0.12 [2345.00]		0.00 [2345.00]	0.80 [2344.00]
V_RacenamefBlack	−1.54[−6.78,3.70]		−2.18[−11.39,7.03]	−0.99[−6.08,4.10]	−0.77[−6.01,4.47]		−2.07[−11.28,7.14]	−0.19[−5.25,4.88]
	−0.58 [2.67]		−0.46 [4.70]	−0.38 [2.60]	−0.29 [2.67]		−0.44 [4.70]	−0.07 [2.58]
	0.56 [2343.00]		0.64 [2343.00]	0.70 [2342.00]	0.77 [2345.00]		0.66 [2345.00]	0.94 [2344.00]
V_RacenamefChinese	−1.98[−7.17,3.20]		−5.24[−14.33,3.86]	−0.92[−5.96,4.12]	0.03[−5.16,5.21]		−5.25[−14.34,3.84]	1.19[−3.82,6.20]
	−0.75 [2.64]		−1.13 [4.64]	−0.36 [2.57]	0.01 [2.64]		−1.13 [4.64]	0.47 [2.56]
	0.45 [2343.00]		0.26 [2343.00]	0.72 [2342.00]	0.99 [2345.00]		0.26 [2345.00]	0.64 [2344.00]
V_RacenamefIndian	0.05[−5.43,5.53]		−4.33[−13.97,5.31]	0.85[−4.48,6.17]	−0.02[−5.50,5.47]		−4.34[−13.98,5.30]	0.84[−4.46,6.14]
	0.02 [2.79]		−0.88 [4.92]	0.31 [2.72]	−0.01 [2.80]		−0.88 [4.91]	0.31 [2.70]
	0.98 [2343.00]		0.38 [2343.00]	0.76 [2342.00]	1.00 [2345.00]		0.38 [2345.00]	0.75 [2344.00]
V_Age	0.15[0.05,0.24]**		0.08[−0.09,0.25]	0.14[0.04,0.23]**	0.11[0.01,0.21]*		0.08[−0.09,0.25]	0.10[0.00,0.19]*
	3.03 [0.05]		0.93 [0.09]	2.85 [0.05]	2.25 [0.05]		0.93 [0.09]	2.05 [0.05]
	0.00 [2343.00]		0.35 [2343.00]	0.00 [2342.00]	0.02 [2345.00]		0.35 [2345.00]	0.04 [2344.00]
V_StoreTypedepartmentstore	1.08[−0.20,2.36]+		1.68[−0.58,3.94]	0.80[−0.44,2.05]				
	1.66 [0.65]		1.46 [1.15]	1.27 [0.63]				
	0.10 [2343.00]		0.14 [2343.00]	0.21 [2342.00]				
V_StoreTypesupermarket	1.28[0.00,2.56]+		1.38[−0.88,3.64]	1.08[−0.17,2.32]+				
	1.96 [0.65]		1.19 [1.15]	1.69 [0.64]				
	0.05 [2343.00]		0.23 [2343.00]	0.09 [2342.00]				
RaceContRespNonAmWhiteV_Productcigarettes	0.29[−7.35,7.92]		−1.66[−15.08,11.76]	0.54[−6.88,7.97]	−6.29[−13.93,1.35]		−1.67[−15.09,11.76]	−6.00[−13.38,1.39]
	0.07 [3.89]		−0.24 [6.84]	0.14 [3.78]	−1.61 [3.90]		−0.24 [6.84]	−1.59 [3.76]
	0.94 [2343.00]		0.81 [2343.00]	0.89 [2342.00]	0.11 [2345.00]		0.81 [2345.00]	0.11 [2344.00]
RaceContRespWhiteAmericanV_Productcigarettes	3.32[−3.86,10.50]		3.65[−8.98,16.27]	2.68[−4.30,9.66]	2.73[−4.45,9.92]		3.73[−8.89,16.35]	2.04[−4.90,8.98]
	0.91 [3.66]		0.57 [6.44]	0.75 [3.56]	0.75 [3.66]		0.58 [6.44]	0.58 [3.54]
	0.37 [2343.00]		0.57 [2343.00]	0.45 [2342.00]	0.46 [2345.00]		0.56 [2345.00]	0.56 [2344.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	2.36[−5.23,9.94]		6.86[−6.48,20.19]	0.95[−6.42,8.32]	0.11[−7.48,7.70]		6.61[−6.72,19.95]	−1.37[−8.70,5.96]
	0.61 [3.87]		1.01 [6.80]	0.25 [3.76]	0.03 [3.87]		0.97 [6.80]	−0.37 [3.74]
	0.54 [2343.00]		0.31 [2343.00]	0.80 [2342.00]	0.98 [2345.00]		0.33 [2345.00]	0.71 [2344.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	1.19[−5.99,8.36]		−1.32[−13.94,11.30]	1.17[−5.81,8.14]	0.13[−7.05,7.31]		−1.23[−13.85,11.39]	0.08[−6.85,7.02]
	0.33 [3.66]		−0.21 [6.44]	0.33 [3.56]	0.04 [3.66]		−0.19 [6.44]	0.02 [3.54]
	0.75 [2343.00]		0.84 [2343.00]	0.74 [2342.00]	0.97 [2345.00]		0.85 [2345.00]	0.98 [2344.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	2.12[−5.45,9.68]		1.82[−11.47,15.11]	1.64[−5.71,8.99]	−2.73[−10.30,4.84]		1.70[−11.59,14.99]	−3.23[−10.55,4.08]
	0.55 [3.86]		0.27 [6.78]	0.44 [3.75]	−0.71 [3.86]		0.25 [6.78]	−0.87 [3.73]
	0.58 [2343.00]		0.79 [2343.00]	0.66 [2342.00]	0.48 [2345.00]		0.80 [2345.00]	0.39 [2344.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	0.91[−6.13,7.95]		0.78[−11.59,13.16]	0.64[−6.20,7.48]	−2.84[−9.89,4.20]		0.88[−11.49,13.26]	−3.12[−9.92,3.69]
	0.25 [3.59]		0.12 [6.31]	0.18 [3.49]	−0.79 [3.59]		0.14 [6.31]	−0.90 [3.47]
	0.80 [2343.00]		0.90 [2343.00]	0.85 [2342.00]	0.43 [2345.00]		0.89 [2345.00]	0.37 [2344.00]
RaceContRespNonAmWhiteV_RacenamefBlack	4.41[−3.11,11.93]		2.22[−11.00,15.44]	3.89[−3.41,11.20]	2.20[−5.32,9.73]		2.09[−11.13,15.31]	1.68[−5.59,8.95]
	1.15 [3.83]		0.33 [6.74]	1.04 [3.73]	0.57 [3.84]		0.31 [6.74]	0.45 [3.71]
	0.25 [2343.00]		0.74 [2343.00]	0.30 [2342.00]	0.57 [2345.00]		0.76 [2345.00]	0.65 [2344.00]
RaceContRespWhiteAmericanV_RacenamefBlack	3.13[−3.95,10.21]		1.64[−10.81,14.10]	2.64[−4.25,9.52]	−0.98[−8.07,6.10]		1.56[−10.89,14.02]	−1.49[−8.33,5.36]
	0.87 [3.61]		0.26 [6.35]	0.75 [3.51]	−0.27 [3.61]		0.25 [6.35]	−0.43 [3.49]
	0.39 [2343.00]		0.80 [2343.00]	0.45 [2342.00]	0.79 [2345.00]		0.81 [2345.00]	0.67 [2344.00]
RaceContRespNonAmWhiteV_RacenamefChinese	2.82[−4.97,10.61]		5.84[−7.84,19.52]	1.61[−5.96,9.18]	−0.34[−8.14,7.45]		5.76[−7.92,19.44]	−1.65[−9.18,5.88]
	0.71 [3.97]		0.84 [6.98]	0.42 [3.86]	−0.09 [3.97]		0.83 [6.98]	−0.43 [3.84]
	0.48 [2343.00]		0.40 [2343.00]	0.68 [2342.00]	0.93 [2345.00]		0.41 [2345.00]	0.67 [2344.00]
RaceContRespWhiteAmericanV_RacenamefChinese	5.16[−1.86,12.18]		7.65[−4.67,19.98]	3.71[−3.11,10.53]	0.69[−6.34,7.71]		7.81[−4.52,20.13]	−0.91[−7.70,5.87]
	1.44 [3.58]		1.22 [6.28]	1.07 [3.48]	0.19 [3.58]		1.24 [6.28]	−0.26 [3.46]
	0.15 [2343.00]		0.22 [2343.00]	0.29 [2342.00]	0.85 [2345.00]		0.21 [2345.00]	0.79 [2344.00]
RaceContRespNonAmWhiteV_RacenamefIndian	2.17[−5.41,9.75]		6.87[−6.46,20.20]	0.91[−6.46,8.28]	−1.85[−9.44,5.73]		6.72[−6.60,20.05]	−3.18[−10.51,4.15]
	0.56 [3.87]		1.01 [6.80]	0.24 [3.76]	−0.48 [3.87]		0.99 [6.80]	−0.85 [3.74]
	0.57 [2343.00]		0.31 [2343.00]	0.81 [2342.00]	0.63 [2345.00]		0.32 [2345.00]	0.40 [2344.00]
RaceContRespWhiteAmericanV_RacenamefIndian	1.14[−6.18,8.46]		8.29[−4.58,21.16]	−0.30[−7.41,6.82]	−1.69[−9.01,5.63]		8.38[−4.49,21.25]	−3.24[−10.31,3.84]
	0.31 [3.73]		1.26 [6.56]	−0.08 [3.63]	−0.45 [3.73]		1.28 [6.56]	−0.90 [3.61]
	0.76 [2343.00]		0.21 [2343.00]	0.93 [2342.00]	0.65 [2345.00]		0.20 [2345.00]	0.37 [2344.00]
V_ProductcigarettesV_RacenamefBlack	0.72[−6.79,8.23]		−3.31[−16.45,9.84]	1.13[−6.16,8.43]	−1.31[−8.82,6.20]		−3.48[−16.62,9.65]	−0.84[−8.10,6.41]
	0.19 [3.83]		−0.49 [6.70]	0.30 [3.72]	−0.34 [3.83]		−0.52 [6.70]	−0.23 [3.70]
	0.85 [2343.00]		0.62 [2343.00]	0.76 [2342.00]	0.73 [2345.00]		0.60 [2345.00]	0.82 [2344.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.46[−7.41,8.33]		−2.83[−16.56,10.89]	0.69[−6.96,8.33]	1.17[−6.70,9.05]		−3.26[−16.97,10.45]	1.49[−6.11,9.09]
	0.12 [4.01]		−0.41 [7.00]	0.18 [3.90]	0.29 [4.01]		−0.47 [6.99]	0.38 [3.88]
	0.91 [2343.00]		0.69 [2343.00]	0.86 [2342.00]	0.77 [2345.00]		0.64 [2345.00]	0.70 [2344.00]
V_ProducttoiletpaperV_RacenamefBlack	3.61[−4.01,11.24]		−5.31[−18.66,8.04]	4.19[−3.22,11.60]	0.65[−6.99,8.29]		−5.32[−18.67,8.02]	1.28[−6.10,8.65]
	0.93 [3.89]		−0.78 [6.81]	1.11 [3.78]	0.17 [3.89]		−0.78 [6.81]	0.34 [3.76]
	0.35 [2343.00]		0.44 [2343.00]	0.27 [2342.00]	0.87 [2345.00]		0.43 [2345.00]	0.73 [2344.00]
V_ProductcigarettesV_RacenamefChinese	3.69[−4.12,11.50]		−3.96[−17.58,9.66]	3.99[−3.60,11.57]	1.07[−6.74,8.88]		−3.88[−17.50,9.73]	1.36[−6.18,8.91]
	0.93 [3.98]		−0.57 [6.95]	1.03 [3.87]	0.27 [3.98]		−0.56 [6.94]	0.35 [3.85]
	0.35 [2343.00]		0.57 [2343.00]	0.30 [2342.00]	0.79 [2345.00]		0.58 [2345.00]	0.72 [2344.00]
V_ProducthardwaresuppliesV_RacenamefChinese	2.50[−5.11,10.11]		5.22[−8.09,18.52]	1.49[−5.90,8.89]	2.25[−5.37,9.87]		5.35[−7.95,18.66]	1.10[−6.26,8.46]
	0.64 [3.88]		0.77 [6.78]	0.40 [3.77]	0.58 [3.89]		0.79 [6.78]	0.29 [3.75]
	0.52 [2343.00]		0.44 [2343.00]	0.69 [2342.00]	0.56 [2345.00]		0.43 [2345.00]	0.77 [2344.00]
V_ProducttoiletpaperV_RacenamefChinese	−2.36[−9.98,5.26]		−0.50[−13.77,12.78]	−2.49[−9.89,4.91]	−3.62[−11.25,4.00]		−0.42[−13.69,12.85]	−3.76[−11.13,3.60]
	−0.61 [3.88]		−0.07 [6.77]	−0.66 [3.77]	−0.93 [3.89]		−0.06 [6.77]	−1.00 [3.75]
	0.54 [2343.00]		0.94 [2343.00]	0.51 [2342.00]	0.35 [2345.00]		0.95 [2345.00]	0.32 [2344.00]
V_ProductcigarettesV_RacenamefIndian	−1.88[−9.68,5.92]		4.92[−8.70,18.54]	−2.81[−10.39,4.77]	−2.81[−10.62,5.00]		4.94[−8.68,18.57]	−3.82[−11.36,3.72]
	−0.47 [3.98]		0.71 [6.95]	−0.73 [3.86]	−0.71 [3.98]		0.71 [6.95]	−0.99 [3.85]
	0.64 [2343.00]		0.48 [2343.00]	0.47 [2342.00]	0.48 [2345.00]		0.48 [2345.00]	0.32 [2344.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.56[−5.13,10.25]		2.51[−10.99,16.00]	1.97[−5.51,9.44]	2.06[−5.64,9.75]		2.46[−11.03,15.95]	1.40[−6.04,8.83]
	0.65 [3.92]		0.36 [6.88]	0.52 [3.81]	0.52 [3.93]		0.36 [6.88]	0.37 [3.79]
	0.51 [2343.00]		0.72 [2343.00]	0.61 [2342.00]	0.60 [2345.00]		0.72 [2345.00]	0.71 [2344.00]
V_ProducttoiletpaperV_RacenamefIndian	−1.59[−9.41,6.24]		0.82[−12.84,14.48]	−1.67[−9.27,5.93]	−2.76[−10.59,5.07]		0.90[−12.75,14.55]	−2.84[−10.40,4.72]
	−0.40 [3.99]		0.12 [6.96]	−0.43 [3.88]	−0.69 [3.99]		0.13 [6.96]	−0.74 [3.85]
	0.69 [2343.00]		0.91 [2343.00]	0.67 [2342.00]	0.49 [2345.00]		0.90 [2345.00]	0.46 [2344.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−8.59[−19.64,2.47]		4.96[−14.37,24.29]	−9.59[−20.33,1.15]+	−0.38[−11.44,10.68]		5.04[−14.29,24.36]	−1.51[−12.19,9.17]
	−1.52 [5.64]		0.50 [9.86]	−1.75 [5.48]	−0.07 [5.64]		0.51 [9.85]	−0.28 [5.45]
	0.13 [2343.00]		0.62 [2343.00]	0.08 [2342.00]	0.95 [2345.00]		0.61 [2345.00]	0.78 [2344.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	−8.20[−18.52,2.12]		−6.62[−24.69,11.44]	−6.97[−17.00,3.06]	−4.68[−15.01,5.65]		−6.35[−24.42,11.71]	−3.40[−13.38,6.57]
	−1.56 [5.26]		−0.72 [9.21]	−1.36 [5.12]	−0.89 [5.27]		−0.69 [9.21]	−0.67 [5.09]
	0.12 [2343.00]		0.47 [2343.00]	0.17 [2342.00]	0.37 [2345.00]		0.49 [2345.00]	0.50 [2344.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−1.86[−13.01,9.30]		0.67[−18.79,20.12]	−1.63[−12.46,9.21]	−2.11[−13.27,9.04]		1.39[−18.05,20.83]	−2.03[−12.80,8.74]
	−0.33 [5.69]		0.07 [9.92]	−0.29 [5.52]	−0.37 [5.69]		0.14 [9.91]	−0.37 [5.49]
	0.74 [2343.00]		0.95 [2343.00]	0.77 [2342.00]	0.71 [2345.00]		0.89 [2345.00]	0.71 [2344.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−1.50[−12.06,9.06]		4.31[−14.12,22.75]	−1.88[−12.14,8.38]	−0.57[−11.14,10.00]		4.47[−13.97,22.90]	−1.04[−11.25,9.17]
	−0.28 [5.39]		0.46 [9.40]	−0.36 [5.23]	−0.11 [5.39]		0.48 [9.40]	−0.20 [5.21]
	0.78 [2343.00]		0.65 [2343.00]	0.72 [2342.00]	0.92 [2345.00]		0.63 [2345.00]	0.84 [2344.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	−9.33[−20.48,1.81]		6.65[−12.85,26.15]	−10.13[−20.96,0.70]+	−4.12[−15.27,7.03]		6.70[−12.79,26.20]	−4.98[−15.75,5.79]
	−1.64 [5.68]		0.67 [9.94]	−1.83 [5.52]	−0.72 [5.69]		0.67 [9.94]	−0.91 [5.49]
	0.10 [2343.00]		0.50 [2343.00]	0.07 [2342.00]	0.47 [2345.00]		0.50 [2345.00]	0.36 [2344.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	−6.37[−16.70,3.96]		1.64[−16.42,19.70]	−6.25[−16.29,3.78]	−0.06[−10.40,10.27]		1.55[−16.51,19.61]	0.06[−9.93,10.04]
	−1.21 [5.27]		0.18 [9.21]	−1.22 [5.12]	−0.01 [5.27]		0.17 [9.21]	0.01 [5.09]
	0.23 [2343.00]		0.86 [2343.00]	0.22 [2342.00]	0.99 [2345.00]		0.87 [2345.00]	0.99 [2344.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	−9.72[−21.01,1.57]+		−2.07[−21.80,17.65]	−9.14[−20.11,1.82]	−0.57[−11.87,10.72]		−2.21[−21.93,17.52]	0.08[−10.83,11.00]
	−1.69 [5.76]		−0.21 [10.06]	−1.64 [5.59]	−0.10 [5.76]		−0.22 [10.06]	0.02 [5.56]
	0.09 [2343.00]		0.84 [2343.00]	0.10 [2342.00]	0.92 [2345.00]		0.83 [2345.00]	0.99 [2344.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	−12.91[−23.37,−2.44]*		−9.96[−28.23,8.31]	−11.08[−21.25,−0.91]*	−8.47[−18.94,2.00]		−10.49[−28.75,7.77]	−6.41[−16.52,3.71]
	−2.42 [5.34]		−1.07 [9.32]	−2.14 [5.19]	−1.59 [5.34]		−1.13 [9.31]	−1.24 [5.16]
	0.02 [2343.00]		0.28 [2343.00]	0.03 [2342.00]	0.11 [2345.00]		0.26 [2345.00]	0.21 [2344.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−2.80[−14.05,8.45]		−5.00[−24.68,14.68]	−1.65[−12.58,9.28]	−3.36[−14.61,7.90]		−5.17[−24.84,14.51]	−2.09[−12.97,8.78]
	−0.49 [5.74]		−0.50 [10.04]	−0.30 [5.57]	−0.58 [5.74]		−0.52 [10.03]	−0.38 [5.54]
	0.63 [2343.00]		0.62 [2343.00]	0.77 [2342.00]	0.56 [2345.00]		0.61 [2345.00]	0.71 [2344.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−4.09[−14.52,6.34]		−3.37[−21.59,14.86]	−3.12[−13.25,7.01]	−4.43[−14.87,6.00]		−3.72[−21.94,14.50]	−3.28[−13.35,6.80]
	−0.77 [5.32]		−0.36 [9.29]	−0.60 [5.17]	−0.83 [5.32]		−0.40 [9.29]	−0.64 [5.14]
	0.44 [2343.00]		0.72 [2343.00]	0.55 [2342.00]	0.40 [2345.00]		0.69 [2345.00]	0.52 [2344.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	0.36[−10.90,11.62]		−1.07[−20.71,18.56]	0.88[−10.06,11.81]	3.71[−7.57,14.98]		−1.11[−20.75,18.53]	4.31[−6.58,15.20]
	0.06 [5.74]		−0.11 [10.01]	0.16 [5.58]	0.64 [5.75]		−0.11 [10.01]	0.78 [5.55]
	0.95 [2343.00]		0.91 [2343.00]	0.88 [2342.00]	0.52 [2345.00]		0.91 [2345.00]	0.44 [2344.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	−2.61[−12.96,7.73]		−9.60[−27.65,8.45]	−0.87[−10.92,9.19]	1.74[−8.61,12.10]		−9.73[−27.78,8.33]	3.62[−6.38,13.62]
	−0.50 [5.28]		−1.04 [9.21]	−0.17 [5.13]	0.33 [5.28]		−1.06 [9.21]	0.71 [5.10]
	0.62 [2343.00]		0.30 [2343.00]	0.87 [2342.00]	0.74 [2345.00]		0.29 [2345.00]	0.48 [2344.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−3.69[−14.93,7.55]		−10.78[−30.40,8.85]	−1.80[−12.72,9.12]	4.94[−6.31,16.20]		−10.68[−30.31,8.94]	6.94[−3.93,17.81]
	−0.64 [5.73]		−1.08 [10.01]	−0.32 [5.57]	0.86 [5.74]		−1.07 [10.01]	1.25 [5.54]
	0.52 [2343.00]		0.28 [2343.00]	0.75 [2342.00]	0.39 [2345.00]		0.29 [2345.00]	0.21 [2344.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	−6.25[−16.86,4.36]		−19.80[−38.34,−1.27]*	−3.04[−13.36,7.27]	−3.73[−14.35,6.88]		−19.88[−38.41,−1.35]*	−0.26[−10.52,10.00]
	−1.16 [5.41]		−2.10 [9.45]	−0.58 [5.26]	−0.69 [5.41]		−2.10 [9.45]	−0.05 [5.23]
	0.25 [2343.00]		0.04 [2343.00]	0.56 [2342.00]	0.49 [2345.00]		0.04 [2345.00]	0.96 [2344.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−4.17[−15.23,6.90]		−0.12[−19.49,19.26]	−3.86[−14.61,6.89]	−2.52[−13.60,8.55]		0.17[−19.21,19.54]	−2.21[−12.91,8.49]
	−0.74 [5.64]		−0.01 [9.88]	−0.70 [5.48]	−0.45 [5.65]		0.02 [9.88]	−0.41 [5.45]
	0.46 [2343.00]		0.99 [2343.00]	0.48 [2342.00]	0.66 [2345.00]		0.99 [2345.00]	0.69 [2344.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−1.49[−11.86,8.87]		0.35[−17.82,18.51]	−1.31[−11.38,8.76]	−0.91[−11.28,9.47]		0.20[−17.96,18.36]	−0.70[−10.72,9.32]
	−0.28 [5.29]		0.04 [9.26]	−0.26 [5.14]	−0.17 [5.29]		0.02 [9.26]	−0.14 [5.11]
	0.78 [2343.00]		0.97 [2343.00]	0.80 [2342.00]	0.86 [2345.00]		0.98 [2345.00]	0.89 [2344.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	−2.51[−13.62,8.60]		−1.92[−21.32,17.48]	−2.19[−12.99,8.60]	4.75[−6.37,15.87]		−2.03[−21.43,17.37]	5.07[−5.66,15.81]
	−0.44 [5.67]		−0.19 [9.89]	−0.40 [5.50]	0.84 [5.67]		−0.21 [9.89]	0.93 [5.48]
	0.66 [2343.00]		0.85 [2343.00]	0.69 [2342.00]	0.40 [2345.00]		0.84 [2345.00]	0.35 [2344.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	−0.31[−10.85,10.23]		−11.23[−29.65,7.18]	1.61[−8.64,11.85]	3.92[−6.63,14.47]		−11.37[−29.78,7.05]	5.96[−4.23,16.16]
	−0.06 [5.38]		−1.20 [9.39]	0.31 [5.22]	0.73 [5.38]		−1.21 [9.39]	1.15 [5.20]
	0.95 [2343.00]		0.23 [2343.00]	0.76 [2342.00]	0.47 [2345.00]		0.23 [2345.00]	0.25 [2344.00]
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.19]***		0.19[0.17,0.21]***		0.18[0.16,0.21]***
		16.90 [0.01]		14.11 [0.01]		17.40 [0.01]		15.33 [0.01]
		0.00 [2392.00]		0.00 [2342.00]		0.00 [2392.00]		0.00 [2344.00]
SD (Intercept ID)	19.36	17.68	19.80	17.81	20.32	18.47	19.80	18.52
SD (Observations)	11.28	11.27	20.34	10.98	11.28	11.04	20.34	10.91
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.030	0.068	0.104	0.082	0.024	0.067	0.103	0.081
R2 Cond.	0.754	0.731	0.540	0.747	0.770	0.754	0.539	0.763
AIC	19 844.0	19 847.8	22 025.4	19 664.3	19 894.9	19 817.7	22 027.7	19 682.7
BIC	20 150.4	19 870.9	22 331.8	19 976.5	20 189.8	19 840.8	22 322.6	19 983.3
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	9.77	9.91	18.00	9.52	9.76	9.69	18.01	9.45

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.5: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	53.00	19992.13	20298.55	-9943.06	19886.13			
C2Path	54.00	19802.26	20114.46	-9847.13	19694.26	191.87	1	0.0000

Table 2.6: Model H1a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	25.95[20.36,31.55]*** 9.10 [2.85] 0.00 [2365.00]	28.64[27.04,30.24]*** 35.10 [0.82] 0.00 [2392.00]	17.87[8.92,26.82]*** 3.92 [4.56] 0.00 [2365.00]	22.71[17.32,28.10]*** 8.27 [2.75] 0.00 [2364.00]	27.37[21.75,32.99]*** 9.56 [2.86] 0.00 [2365.00]	28.02[26.37,29.67]*** 33.29 [0.84] 0.00 [2392.00]	17.87[8.92,26.82]*** 3.92 [4.56] 0.00 [2365.00]	23.90[18.53,29.27]*** 8.73 [2.74] 0.00 [2364.00]
RaceContRespNonAmWhite	−0.88[−6.24,4.48] −0.32 [2.73] 0.75 [2365.00]		2.66[−4.86,10.19] 0.69 [3.84] 0.49 [2365.00]	−1.36[−6.42,3.70] −0.53 [2.58] 0.60 [2364.00]	3.42[−2.07,8.90] 1.22 [2.80] 0.22 [2365.00]		2.66[−4.86,10.19] 0.69 [3.84] 0.49 [2365.00]	2.90[−2.23,8.04] 1.11 [2.62] 0.27 [2364.00]
RaceContRespWhiteAmerican	−4.35[−9.40,0.69]+ −1.69 [2.57] 0.09 [2365.00]		−9.75[−16.85,−2.65]** −2.69 [3.62] 0.01 [2365.00]	−2.70[−7.47,2.07] −1.11 [2.43] 0.27 [2364.00]	−2.52[−7.67,2.64] −0.96 [2.63] 0.34 [2365.00]		−9.75[−16.85,−2.65]** −2.69 [3.62] 0.01 [2365.00]	−0.76[−5.60,4.07] −0.31 [2.47] 0.76 [2364.00]
V_ProductMorMorallyQuestionable	6.16[2.40,9.92]** 3.21 [1.92] 0.00 [2365.00]		18.67[12.17,25.18]*** 5.63 [3.32] 0.00 [2365.00]	3.00[−0.68,6.68] 1.60 [1.88] 0.11 [2364.00]	6.20[2.48,9.92]** 3.27 [1.90] 0.00 [2365.00]		18.67[12.17,25.18]*** 5.63 [3.32] 0.00 [2365.00]	2.82[−0.80,6.45] 1.53 [1.85] 0.13 [2364.00]
V_RacenamefBlack	−1.48[−5.07,2.10] −0.81 [1.83] 0.42 [2365.00]		−3.96[−10.23,2.32] −1.24 [3.20] 0.22 [2365.00]	−0.74[−4.23,2.75] −0.42 [1.78] 0.68 [2364.00]	−0.35[−3.90,3.19] −0.20 [1.81] 0.85 [2365.00]		−3.96[−10.23,2.32] −1.24 [3.20] 0.22 [2365.00]	0.45[−2.99,3.88] 0.25 [1.75] 0.80 [2364.00]
V_RacenamefChinese	−0.81[−4.41,2.78] −0.44 [1.83] 0.66 [2365.00]		−3.02[−9.28,3.24] −0.95 [3.19] 0.34 [2365.00]	−0.19[−3.68,3.31] −0.10 [1.78] 0.92 [2364.00]	1.00[−2.56,4.55] 0.55 [1.81] 0.58 [2365.00]		−3.02[−9.28,3.24] −0.95 [3.19] 0.34 [2365.00]	1.66[−1.79,5.10] 0.94 [1.76] 0.35 [2364.00]
V_RacenamefIndian	1.30[−2.44,5.05] 0.68 [1.91] 0.50 [2365.00]		−2.84[−9.34,3.66] −0.86 [3.32] 0.39 [2365.00]	1.75[−1.89,5.39] 0.94 [1.86] 0.35 [2364.00]	0.95[−2.75,4.66] 0.50 [1.89] 0.61 [2365.00]		−2.84[−9.34,3.66] −0.86 [3.32] 0.39 [2365.00]	1.42[−2.17,5.00] 0.77 [1.83] 0.44 [2364.00]
V_Age	0.15[0.05,0.25]** 2.98 [0.05] 0.00 [2365.00]		0.09[−0.08,0.26] 1.06 [0.09] 0.29 [2365.00]	0.13[0.04,0.23]** 2.77 [0.05] 0.01 [2364.00]	0.10[0.01,0.20]* 2.10 [0.05] 0.04 [2365.00]		0.09[−0.08,0.26] 1.06 [0.09] 0.29 [2365.00]	0.09[−0.01,0.18]+ 1.85 [0.05] 0.06 [2364.00]
V_Locationinthecity	0.50[−0.80,1.80] 0.76 [0.66] 0.45 [2365.00]		−0.13[−2.38,2.13] −0.11 [1.15] 0.91 [2365.00]	0.61[−0.65,1.87] 0.94 [0.64] 0.34 [2364.00]	0.19[−1.09,1.48] 0.30 [0.65] 0.77 [2365.00]		−0.13[−2.38,2.13] −0.11 [1.15] 0.91 [2365.00]	0.32[−0.93,1.56] 0.50 [0.63] 0.62 [2364.00]
V_Locationnearby	−0.17[−1.49,1.14] −0.26 [0.67] 0.80 [2365.00]		−1.00[−3.28,1.29] −0.85 [1.17] 0.39 [2365.00]	0.05[−1.23,1.33] 0.07 [0.65] 0.94 [2364.00]	−0.50[−1.81,0.80] −0.76 [0.66] 0.45 [2365.00]		−1.00[−3.28,1.29] −0.85 [1.17] 0.39 [2365.00]	−0.25[−1.51,1.01] −0.39 [0.64] 0.70 [2364.00]
V_StoreTypedepartmentstore	1.12[−0.17,2.42]+ 1.70 [0.66] 0.09 [2365.00]		1.31[−0.94,3.57] 1.14 [1.15] 0.25 [2365.00]	0.91[−0.35,2.17] 1.42 [0.64] 0.16 [2364.00]	−0.04[−1.32,1.25] −0.05 [0.65] 0.96 [2365.00]		1.31[−0.94,3.57] 1.14 [1.15] 0.25 [2365.00]	−0.27[−1.51,0.98] −0.42 [0.63] 0.67 [2364.00]
V_StoreTypesupermarket	1.39[0.09,2.68]* 2.09 [0.66] 0.04 [2365.00]		1.48[−0.78,3.73] 1.28 [1.15] 0.20 [2365.00]	1.17[−0.10,2.43]+ 1.81 [0.64] 0.07 [2364.00]	0.91[−0.37,2.20] 1.39 [0.66] 0.16 [2365.00]		1.48[−0.78,3.73] 1.28 [1.15] 0.20 [2365.00]	0.68[−0.57,1.92] 1.07 [0.63] 0.29 [2364.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionable	0.18[−5.27,5.64] 0.07 [2.78] 0.95 [2365.00]		−3.37[−12.82,6.07] −0.70 [4.82] 0.48 [2365.00]	0.82[−4.48,6.12] 0.30 [2.70] 0.76 [2364.00]	−4.42[−9.82,0.98] −1.61 [2.75] 0.11 [2365.00]		−3.37[−12.82,6.07] −0.70 [4.82] 0.48 [2365.00]	−3.73[−8.95,1.48] −1.40 [2.66] 0.16 [2364.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionable	1.21[−3.89,6.32] 0.47 [2.60] 0.64 [2365.00]		2.62[−6.22,11.46] 0.58 [4.51] 0.56 [2365.00]	0.82[−4.14,5.79] 0.33 [2.53] 0.74 [2364.00]	−0.54[−5.59,4.52] −0.21 [2.58] 0.84 [2365.00]		2.62[−6.22,11.46] 0.58 [4.51] 0.56 [2365.00]	−0.93[−5.81,3.96] −0.37 [2.49] 0.71 [2364.00]
RaceContRespNonAmWhiteV_RacenamefBlack	3.63[−1.47,8.73] 1.40 [2.60] 0.16 [2365.00]		3.05[−5.87,11.97] 0.67 [4.55] 0.50 [2365.00]	3.14[−1.82,8.10] 1.24 [2.53] 0.21 [2364.00]	1.21[−3.84,6.25] 0.47 [2.57] 0.64 [2365.00]		3.05[−5.87,11.97] 0.67 [4.55] 0.50 [2365.00]	0.68[−4.20,5.56] 0.27 [2.49] 0.79 [2364.00]
RaceContRespWhiteAmericanV_RacenamefBlack	2.45[−2.41,7.32] 0.99 [2.48] 0.32 [2365.00]		3.89[−4.61,12.40] 0.90 [4.34] 0.37 [2365.00]	1.74[−2.99,6.47] 0.72 [2.41] 0.47 [2364.00]	−1.22[−6.03,3.59] −0.50 [2.45] 0.62 [2365.00]		3.89[−4.61,12.40] 0.90 [4.34] 0.37 [2365.00]	−1.98[−6.63,2.68] −0.83 [2.37] 0.40 [2364.00]
RaceContRespNonAmWhiteV_RacenamefChinese	1.67[−3.67,7.02] 0.61 [2.72] 0.54 [2365.00]		4.02[−5.28,13.32] 0.85 [4.74] 0.40 [2365.00]	0.95[−4.24,6.15] 0.36 [2.65] 0.72 [2364.00]	−1.92[−7.20,3.36] −0.71 [2.69] 0.48 [2365.00]		4.02[−5.28,13.32] 0.85 [4.74] 0.40 [2365.00]	−2.70[−7.81,2.41] −1.04 [2.61] 0.30 [2364.00]
RaceContRespWhiteAmericanV_RacenamefChinese	3.01[−1.89,7.90] 1.20 [2.50] 0.23 [2365.00]		5.90[−2.63,14.44] 1.36 [4.35] 0.18 [2365.00]	2.05[−2.71,6.81] 0.84 [2.43] 0.40 [2364.00]	−1.55[−6.40,3.29] −0.63 [2.47] 0.53 [2365.00]		5.90[−2.63,14.44] 1.36 [4.35] 0.18 [2365.00]	−2.55[−7.23,2.14] −1.07 [2.39] 0.29 [2364.00]
RaceContRespNonAmWhiteV_RacenamefIndian	0.20[−5.08,5.47] 0.07 [2.69] 0.94 [2365.00]		5.51[−3.67,14.69] 1.18 [4.68] 0.24 [2365.00]	−0.66[−5.79,4.47] −0.25 [2.62] 0.80 [2364.00]	−3.11[−8.33,2.11] −1.17 [2.66] 0.24 [2365.00]		5.51[−3.67,14.69] 1.18 [4.68] 0.24 [2365.00]	−4.00[−9.04,1.05] −1.55 [2.57] 0.12 [2364.00]
RaceContRespWhiteAmericanV_RacenamefIndian	0.51[−4.47,5.49] 0.20 [2.54] 0.84 [2365.00]		8.37[−0.29,17.04]+ 1.90 [4.42] 0.06 [2365.00]	−0.81[−5.66,4.03] −0.33 [2.47] 0.74 [2364.00]	−2.05[−6.98,2.88] −0.81 [2.51] 0.42 [2365.00]		8.37[−0.29,17.04]+ 1.90 [4.42] 0.06 [2365.00]	−3.44[−8.21,1.33] −1.42 [2.43] 0.16 [2364.00]
V_ProductMorMorallyQuestionableV_RacenamefBlack	2.43[−2.91,7.77] 0.89 [2.72] 0.37 [2365.00]		−2.25[−11.50,7.00] −0.48 [4.72] 0.63 [2365.00]	2.71[−2.48,7.90] 1.02 [2.65] 0.31 [2364.00]	−0.51[−5.80,4.77] −0.19 [2.69] 0.85 [2365.00]		−2.25[−11.50,7.00] −0.48 [4.72] 0.63 [2365.00]	−0.23[−5.33,4.88] −0.09 [2.60] 0.93 [2364.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese	−1.00[−6.59,4.60] −0.35 [2.85] 0.73 [2365.00]		−4.34[−13.94,5.26] −0.89 [4.90] 0.38 [2365.00]	−0.47[−5.90,4.97] −0.17 [2.77] 0.87 [2364.00]	−2.52[−8.06,3.02] −0.89 [2.83] 0.37 [2365.00]		−4.34[−13.94,5.26] −0.89 [4.90] 0.38 [2365.00]	−1.93[−7.29,3.42] −0.71 [2.73] 0.48 [2364.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian	−2.73[−8.40,2.94] −0.94 [2.89] 0.34 [2365.00]		1.43[−8.27,11.13] 0.29 [4.95] 0.77 [2365.00]	−2.90[−8.40,2.60] −1.03 [2.81] 0.30 [2364.00]	−3.53[−9.15,2.08] −1.23 [2.86] 0.22 [2365.00]		1.43[−8.27,11.13] 0.29 [4.95] 0.77 [2365.00]	−3.68[−9.10,1.74] −1.33 [2.76] 0.18 [2364.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack	−8.34[−16.21,−0.48]* −2.08 [4.01] 0.04 [2365.00]		4.62[−8.98,18.22] 0.67 [6.93] 0.51 [2365.00]	−9.24[−16.88,−1.60]* −2.37 [3.90] 0.02 [2364.00]	−1.58[−9.36,6.20] −0.40 [3.97] 0.69 [2365.00]		4.62[−8.98,18.22] 0.67 [6.93] 0.51 [2365.00]	−2.53[−10.05,4.99] −0.66 [3.84] 0.51 [2364.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefBlack	−6.57[−13.94,0.79]+ −1.75 [3.75] 0.08 [2365.00]		−4.62[−17.34,8.11] −0.71 [6.49] 0.48 [2365.00]	−5.70[−12.86,1.45] −1.56 [3.65] 0.12 [2364.00]	−1.83[−9.12,5.46] −0.49 [3.72] 0.62 [2365.00]		−4.62[−17.34,8.11] −0.71 [6.49] 0.48 [2365.00]	−0.90[−7.94,6.14] −0.25 [3.59] 0.80 [2364.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese	−2.97[−11.09,5.14] −0.72 [4.14] 0.47 [2365.00]		0.11[−13.84,14.05] 0.02 [7.11] 0.99 [2365.00]	−2.92[−10.80,4.96] −0.73 [4.02] 0.47 [2364.00]	3.47[−4.56,11.50] 0.85 [4.10] 0.40 [2365.00]		0.11[−13.84,14.05] 0.02 [7.11] 0.99 [2365.00]	3.55[−4.21,11.31] 0.90 [3.96] 0.37 [2364.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefChinese	−4.36[−11.90,3.17] −1.14 [3.84] 0.26 [2365.00]		−7.73[−20.69,5.24] −1.17 [6.61] 0.24 [2365.00]	−3.13[−10.45,4.19] −0.84 [3.73] 0.40 [2364.00]	0.00[−7.46,7.46] 0.00 [3.80] 1.00 [2365.00]		−7.73[−20.69,5.24] −1.17 [6.61] 0.24 [2365.00]	1.26[−5.95,8.47] 0.34 [3.68] 0.73 [2364.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian	−1.54[−9.68,6.60] −0.37 [4.15] 0.71 [2365.00]		−4.83[−18.80,9.14] −0.68 [7.13] 0.50 [2365.00]	−0.88[−8.79,7.02] −0.22 [4.03] 0.83 [2364.00]	5.75[−2.31,13.81] 1.40 [4.11] 0.16 [2365.00]		−4.83[−18.80,9.14] −0.68 [7.13] 0.50 [2365.00]	6.39[−1.40,14.18] 1.61 [3.97] 0.11 [2364.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefIndian	−2.55[−10.20,5.10] −0.65 [3.90] 0.51 [2365.00]		−15.39[−28.51,−2.26]* −2.30 [6.69] 0.02 [2365.00]	−0.13[−7.56,7.31] −0.03 [3.79] 0.97 [2364.00]	0.70[−6.88,8.28] 0.18 [3.86] 0.86 [2365.00]		−15.39[−28.51,−2.26]* −2.30 [6.69] 0.02 [2365.00]	3.25[−4.08,10.58] 0.87 [3.74] 0.38 [2364.00]
MorallyWrong		0.19[0.17,0.21]*** 16.90 [0.01] 0.00 [2392.00]		0.17[0.15,0.20]*** 14.17 [0.01] 0.00 [2364.00]		0.19[0.17,0.21]*** 17.40 [0.01] 0.00 [2392.00]		0.18[0.16,0.21]*** 15.27 [0.01] 0.00 [2364.00]
SD (Intercept ID)	19.33	17.68	19.77	17.77	20.32	18.47	19.77	18.53
SD (Observations)	11.52	11.27	20.46	11.21	11.38	11.04	20.46	11.02
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.020	0.068	0.096	0.072	0.019	0.067	0.096	0.075
R2 Cond.	0.743	0.731	0.532	0.736	0.766	0.754	0.532	0.758
AIC	19 984.1	19 847.8	22 137.0	19 802.7	19 994.9	19 817.7	22 137.0	19 784.3
BIC	20 163.3	19 870.9	22 316.2	19 987.7	20 174.1	19 840.8	22 316.2	19 969.3
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	10.04	9.91	18.21	9.79	9.90	9.69	18.21	9.60

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.7: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	51.00	20041.69	20336.55	-9969.85	19939.69			
C2Path	52.00	19818.79	20119.43	-9857.40	19714.79	224.90	1	0.0000

Table 2.8: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	31.00	20055.67	20234.89	-9996.83	19993.67			
C2Path	32.00	19835.83	20020.84	-9885.91	19771.83	221.84	1	0.0000

2.2 H2a

Table 2.9: Model H2a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.92[−2.37,4.21] 0.55 [1.68] 0.58 [4737.00]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	−6.44[−11.29,−1.59]** −2.60 [2.47] 0.01 [4737.00]	0.78[−2.52,4.07] 0.46 [1.68] 0.64 [4736.00]	3.00[−0.43,6.43]+ 1.71 [1.75] 0.09 [4737.00]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	−6.44[−11.29,−1.59]** −2.60 [2.47] 0.01 [4737.00]	2.91[−0.53,6.34]+ 1.66 [1.75] 0.10 [4736.00]
RaceContRespNonAmWhite	0.32[−2.95,3.60] 0.19 [1.67] 0.85 [4737.00]		−1.20[−5.94,3.54] −0.50 [2.42] 0.62 [4737.00]	0.29[−2.98,3.57] 0.18 [1.67] 0.86 [4736.00]	2.10[−1.35,5.55] 1.19 [1.76] 0.23 [4737.00]		−1.20[−5.94,3.54] −0.50 [2.42] 0.62 [4737.00]	2.08[−1.37,5.53] 1.18 [1.76] 0.24 [4736.00]
RaceContRespWhiteAmerican	−2.32[−5.42,0.77] −1.47 [1.58] 0.14 [4737.00]		−0.07[−4.55,4.40] −0.03 [2.28] 0.97 [4737.00]	−2.33[−5.42,0.77] −1.47 [1.58] 0.14 [4736.00]	0.55[−2.71,3.81] 0.33 [1.66] 0.74 [4737.00]		−0.07[−4.55,4.40] −0.03 [2.28] 0.97 [4737.00]	0.55[−2.71,3.81] 0.33 [1.66] 0.74 [4736.00]
V_Productcigarettes	−0.01[−3.05,3.03] 0.00 [1.55] 1.00 [4737.00]		0.60[−3.93,5.13] 0.26 [2.31] 0.80 [4737.00]	0.00[−3.04,3.04] 0.00 [1.55] 1.00 [4736.00]	0.85[−2.29,4.00] 0.53 [1.60] 0.60 [4737.00]		0.60[−3.93,5.13] 0.26 [2.31] 0.80 [4737.00]	0.86[−2.29,4.00] 0.54 [1.60] 0.59 [4736.00]
V_Producthardwaresupplies	−0.90[−4.00,2.19] −0.57 [1.58] 0.57 [4737.00]		0.56[−4.05,5.18] 0.24 [2.35] 0.81 [4737.00]	−0.87[−3.97,2.22] −0.55 [1.58] 0.58 [4736.00]	1.86[−1.34,5.06] 1.14 [1.63] 0.25 [4737.00]		0.56[−4.05,5.18] 0.24 [2.35] 0.81 [4737.00]	1.89[−1.31,5.08] 1.16 [1.63] 0.25 [4736.00]
V_Producttoiletpaper	0.52[−2.50,3.54] 0.34 [1.54] 0.73 [4737.00]		1.18[−3.32,5.67] 0.51 [2.29] 0.61 [4737.00]	0.54[−2.48,3.55] 0.35 [1.54] 0.73 [4736.00]	1.74[−1.38,4.86] 1.09 [1.59] 0.27 [4737.00]		1.18[−3.32,5.67] 0.51 [2.29] 0.61 [4737.00]	1.75[−1.37,4.87] 1.10 [1.59] 0.27 [4736.00]
V_RacenamefBlack	−1.47[−4.50,1.55] −0.95 [1.54] 0.34 [4737.00]		−1.63[−6.14,2.88] −0.71 [2.30] 0.48 [4737.00]	−1.50[−4.53,1.52] −0.97 [1.54] 0.33 [4736.00]	0.86[−2.27,3.99] 0.54 [1.60] 0.59 [4737.00]		−1.63[−6.14,2.88] −0.71 [2.30] 0.48 [4737.00]	0.84[−2.28,3.97] 0.53 [1.60] 0.60 [4736.00]
V_RacenamefChinese	−1.91[−4.89,1.08] −1.25 [1.52] 0.21 [4737.00]		−1.29[−5.73,3.15] −0.57 [2.27] 0.57 [4737.00]	−1.94[−4.92,1.05] −1.27 [1.52] 0.20 [4736.00]	−0.24[−3.33,2.85] −0.15 [1.57] 0.88 [4737.00]		−1.29[−5.73,3.15] −0.57 [2.27] 0.57 [4737.00]	−0.26[−3.35,2.83] −0.16 [1.57] 0.87 [4736.00]
V_RacenamefIndian	−0.67[−3.84,2.49] −0.42 [1.62] 0.68 [4737.00]		−2.68[−7.40,2.04] −1.11 [2.41] 0.27 [4737.00]	−0.74[−3.90,2.43] −0.46 [1.62] 0.65 [4736.00]	−0.95[−4.23,2.32] −0.57 [1.67] 0.57 [4737.00]		−2.68[−7.40,2.04] −1.11 [2.41] 0.27 [4737.00]	−0.99[−4.27,2.28] −0.59 [1.67] 0.55 [4736.00]
V_Age	0.06[0.01,0.12]* 2.15 [0.03] 0.03 [4737.00]		0.08[−0.01,0.16]+ 1.78 [0.04] 0.07 [4737.00]	0.06[0.01,0.12]* 2.21 [0.03] 0.03 [4736.00]	0.02[−0.04,0.07] 0.53 [0.03] 0.60 [4737.00]		0.08[−0.01,0.16]+ 1.78 [0.04] 0.07 [4737.00]	0.02[−0.04,0.07] 0.57 [0.03] 0.57 [4736.00]
V_Locationinthecity	−0.07[−0.81,0.68] −0.17 [0.38] 0.86 [4737.00]		−0.18[−1.29,0.93] −0.32 [0.56] 0.75 [4737.00]	−0.07[−0.81,0.67] −0.18 [0.38] 0.85 [4736.00]	−0.13[−0.90,0.63] −0.34 [0.39] 0.74 [4737.00]		−0.18[−1.29,0.93] −0.32 [0.56] 0.75 [4737.00]	−0.13[−0.90,0.63] −0.34 [0.39] 0.73 [4736.00]
V_Locationnearby	0.09[−0.67,0.84] 0.22 [0.38] 0.82 [4737.00]		0.77[−0.35,1.89] 1.34 [0.57] 0.18 [4737.00]	0.10[−0.65,0.86] 0.27 [0.38] 0.79 [4736.00]	−0.10[−0.88,0.67] −0.26 [0.40] 0.79 [4737.00]		0.77[−0.35,1.89] 1.34 [0.57] 0.18 [4737.00]	−0.09[−0.87,0.68] −0.23 [0.40] 0.82 [4736.00]
V_StoreTypedepartmentstore	0.07[−0.67,0.81] 0.19 [0.38] 0.85 [4737.00]		0.77[−0.33,1.88] 1.37 [0.57] 0.17 [4737.00]	0.09[−0.66,0.83] 0.23 [0.38] 0.82 [4736.00]	−0.56[−1.33,0.20] −1.44 [0.39] 0.15 [4737.00]		0.77[−0.33,1.88] 1.37 [0.57] 0.17 [4737.00]	−0.55[−1.32,0.21] −1.42 [0.39] 0.16 [4736.00]
V_StoreTypesupermarket	0.10[−0.64,0.85] 0.27 [0.38] 0.79 [4737.00]		0.73[−0.38,1.84] 1.30 [0.57] 0.19 [4737.00]	0.12[−0.62,0.86] 0.32 [0.38] 0.75 [4736.00]	−0.21[−0.97,0.56] −0.53 [0.39] 0.60 [4737.00]		0.73[−0.38,1.84] 1.30 [0.57] 0.19 [4737.00]	−0.20[−0.96,0.57] −0.50 [0.39] 0.62 [4736.00]
RaceContRespNonAmWhiteV_Productcigarettes	1.04[−3.37,5.45] 0.46 [2.25] 0.64 [4737.00]		0.28[−6.29,6.84] 0.08 [3.35] 0.93 [4737.00]	1.05[−3.35,5.46] 0.47 [2.25] 0.64 [4736.00]	−3.20[−7.75,1.36] −1.38 [2.32] 0.17 [4737.00]		0.28[−6.29,6.84] 0.08 [3.35] 0.93 [4737.00]	−3.19[−7.74,1.37] −1.37 [2.32] 0.17 [4736.00]
RaceContRespWhiteAmericanV_Productcigarettes	3.17[−0.97,7.32] 1.50 [2.11] 0.13 [4737.00]		−2.25[−8.43,3.92] −0.72 [3.15] 0.47 [4737.00]	3.12[−1.02,7.27] 1.48 [2.11] 0.14 [4736.00]	0.73[−3.56,5.01] 0.33 [2.19] 0.74 [4737.00]		−2.25[−8.43,3.92] −0.72 [3.15] 0.47 [4737.00]	0.70[−3.59,4.98] 0.32 [2.19] 0.75 [4736.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	−0.52[−4.90,3.86] −0.23 [2.23] 0.82 [4737.00]		1.17[−5.36,7.70] 0.35 [3.33] 0.73 [4737.00]	−0.51[−4.89,3.86] −0.23 [2.23] 0.82 [4736.00]	−4.77[−9.30,−0.24]* −2.07 [2.31] 0.04 [4737.00]		1.17[−5.36,7.70] 0.35 [3.33] 0.73 [4737.00]	−4.77[−9.29,−0.24]* −2.06 [2.31] 0.04 [4736.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	2.14[−2.01,6.28] 1.01 [2.11] 0.31 [4737.00]		1.52[−4.65,7.70] 0.48 [3.15] 0.63 [4737.00]	2.16[−1.98,6.30] 1.02 [2.11] 0.31 [4736.00]	−2.21[−6.49,2.08] −1.01 [2.18] 0.31 [4737.00]		1.52[−4.65,7.70] 0.48 [3.15] 0.63 [4737.00]	−2.19[−6.47,2.09] −1.00 [2.18] 0.32 [4736.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	−3.92[−8.29,0.44]+ −1.76 [2.23] 0.08 [4737.00]		0.85[−5.65,7.36] 0.26 [3.32] 0.80 [4737.00]	−3.89[−8.26,0.48]+ −1.75 [2.23] 0.08 [4736.00]	−5.57[−10.09,−1.06]* −2.42 [2.30] 0.02 [4737.00]		0.85[−5.65,7.36] 0.26 [3.32] 0.80 [4737.00]	−5.55[−10.07,−1.03]* −2.41 [2.30] 0.02 [4736.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	1.03[−3.04,5.09] 0.49 [2.07] 0.62 [4737.00]		−3.73[−9.79,2.33] −1.21 [3.09] 0.23 [4737.00]	0.96[−3.11,5.03] 0.46 [2.07] 0.64 [4736.00]	−3.34[−7.54,0.87] −1.55 [2.14] 0.12 [4737.00]		−3.73[−9.79,2.33] −1.21 [3.09] 0.23 [4737.00]	−3.38[−7.58,0.83] −1.57 [2.14] 0.12 [4736.00]
RaceContRespNonAmWhiteV_RacenamefBlack	3.16[−1.18,7.50] 1.43 [2.21] 0.15 [4737.00]		4.28[−2.19,10.75] 1.30 [3.30] 0.19 [4737.00]	3.26[−1.08,7.60] 1.47 [2.21] 0.14 [4736.00]	−2.59[−7.08,1.89] −1.13 [2.29] 0.26 [4737.00]		4.28[−2.19,10.75] 1.30 [3.30] 0.19 [4737.00]	−2.53[−7.01,1.96] −1.10 [2.29] 0.27 [4736.00]
RaceContRespWhiteAmericanV_RacenamefBlack	2.90[−1.19,6.99] 1.39 [2.09] 0.16 [4737.00]		2.25[−3.85,8.35] 0.72 [3.11] 0.47 [4737.00]	2.95[−1.14,7.04] 1.41 [2.09] 0.16 [4736.00]	−2.12[−6.35,2.11] −0.98 [2.16] 0.33 [4737.00]		2.25[−3.85,8.35] 0.72 [3.11] 0.47 [4737.00]	−2.09[−6.32,2.14] −0.97 [2.16] 0.33 [4736.00]
RaceContRespNonAmWhiteV_RacenamefChinese	1.30[−3.20,5.79] 0.57 [2.29] 0.57 [4737.00]		2.95[−3.74,9.64] 0.86 [3.41] 0.39 [4737.00]	1.36[−3.13,5.85] 0.59 [2.29] 0.55 [4736.00]	−1.88[−6.53,2.77] −0.79 [2.37] 0.43 [4737.00]		2.95[−3.74,9.64] 0.86 [3.41] 0.39 [4737.00]	−1.84[−6.48,2.81] −0.78 [2.37] 0.44 [4736.00]
RaceContRespWhiteAmericanV_RacenamefChinese	2.56[−1.49,6.61] 1.24 [2.07] 0.21 [4737.00]		2.28[−3.75,8.31] 0.74 [3.08] 0.46 [4737.00]	2.61[−1.44,6.66] 1.26 [2.06] 0.21 [4736.00]	−1.02[−5.21,3.16] −0.48 [2.14] 0.63 [4737.00]		2.28[−3.75,8.31] 0.74 [3.08] 0.46 [4737.00]	−0.99[−5.18,3.19] −0.46 [2.14] 0.64 [4736.00]
RaceContRespNonAmWhiteV_RacenamefIndian	−0.82[−5.20,3.56] −0.37 [2.23] 0.71 [4737.00]		2.61[−3.92,9.14] 0.78 [3.33] 0.43 [4737.00]	−0.76[−5.14,3.61] −0.34 [2.23] 0.73 [4736.00]	−3.03[−7.55,1.50] −1.31 [2.31] 0.19 [4737.00]		2.61[−3.92,9.14] 0.78 [3.33] 0.43 [4737.00]	−2.99[−7.52,1.54] −1.29 [2.31] 0.20 [4736.00]
RaceContRespWhiteAmericanV_RacenamefIndian	1.61[−2.63,5.84] 0.74 [2.16] 0.46 [4737.00]		2.79[−3.52,9.10] 0.87 [3.22] 0.39 [4737.00]	1.68[−2.55,5.91] 0.78 [2.16] 0.44 [4736.00]	−1.34[−5.72,3.04] −0.60 [2.23] 0.55 [4737.00]		2.79[−3.52,9.10] 0.87 [3.22] 0.39 [4737.00]	−1.29[−5.67,3.08] −0.58 [2.23] 0.56 [4736.00]
V_ProductcigarettesV_RacenamefBlack	2.66[−1.65,6.96] 1.21 [2.20] 0.23 [4737.00]		−3.06[−9.44,3.32] −0.94 [3.25] 0.35 [4737.00]	2.59[−1.72,6.89] 1.18 [2.20] 0.24 [4736.00]	−1.43[−5.89,3.03] −0.63 [2.28] 0.53 [4737.00]		−3.06[−9.44,3.32] −0.94 [3.25] 0.35 [4737.00]	−1.47[−5.94,2.99] −0.65 [2.28] 0.52 [4736.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.96[−3.53,5.46] 0.42 [2.29] 0.67 [4737.00]		1.96[−4.66,8.59] 0.58 [3.38] 0.56 [4737.00]	0.98[−3.51,5.47] 0.43 [2.29] 0.67 [4736.00]	−1.75[−6.41,2.91] −0.74 [2.38] 0.46 [4737.00]		1.96[−4.66,8.59] 0.58 [3.38] 0.56 [4737.00]	−1.75[−6.41,2.92] −0.73 [2.38] 0.46 [4736.00]
V_ProducttoiletpaperV_RacenamefBlack	0.28[−4.09,4.66] 0.13 [2.23] 0.90 [4737.00]		−0.52[−7.00,5.95] −0.16 [3.30] 0.87 [4737.00]	0.27[−4.10,4.65] 0.12 [2.23] 0.90 [4736.00]	−1.31[−5.84,3.22] −0.57 [2.31] 0.57 [4737.00]		−0.52[−7.00,5.95] −0.16 [3.30] 0.87 [4737.00]	−1.32[−5.85,3.21] −0.57 [2.31] 0.57 [4736.00]
V_ProductcigarettesV_RacenamefChinese	−1.36[−5.82,3.10] −0.60 [2.27] 0.55 [4737.00]		−3.07[−9.64,3.51] −0.91 [3.35] 0.36 [4737.00]	−1.44[−5.90,3.02] −0.63 [2.27] 0.53 [4736.00]	−1.48[−6.11,3.14] −0.63 [2.36] 0.53 [4737.00]		−3.07[−9.64,3.51] −0.91 [3.35] 0.36 [4737.00]	−1.53[−6.15,3.10] −0.65 [2.36] 0.52 [4736.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.06[−3.30,5.42] 0.48 [2.22] 0.63 [4737.00]		1.28[−5.16,7.73] 0.39 [3.29] 0.70 [4737.00]	1.07[−3.29,5.43] 0.48 [2.22] 0.63 [4736.00]	−1.42[−5.94,3.09] −0.62 [2.30] 0.54 [4737.00]		1.28[−5.16,7.73] 0.39 [3.29] 0.70 [4737.00]	−1.42[−5.93,3.10] −0.61 [2.30] 0.54 [4736.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.72[−6.06,2.63] −0.77 [2.22] 0.44 [4737.00]		−1.65[−8.06,4.76] −0.50 [3.27] 0.61 [4737.00]	−1.73[−6.07,2.62] −0.78 [2.22] 0.44 [4736.00]	−4.52[−9.03,−0.01]* −1.97 [2.30] 0.05 [4737.00]		−1.65[−8.06,4.76] −0.50 [3.27] 0.61 [4737.00]	−4.53[−9.04,−0.02]* −1.97 [2.30] 0.05 [4736.00]
V_ProductcigarettesV_RacenamefIndian	0.11[−4.35,4.58] 0.05 [2.28] 0.96 [4737.00]		3.12[−3.47,9.71] 0.93 [3.36] 0.35 [4737.00]	0.19[−4.27,4.66] 0.09 [2.28] 0.93 [4736.00]	0.23[−4.40,4.85] 0.10 [2.36] 0.92 [4737.00]		3.12[−3.47,9.71] 0.93 [3.36] 0.35 [4737.00]	0.28[−4.34,4.91] 0.12 [2.36] 0.90 [4736.00]
V_ProducthardwaresuppliesV_RacenamefIndian	1.67[−2.76,6.10] 0.74 [2.26] 0.46 [4737.00]		2.84[−3.74,9.41] 0.85 [3.35] 0.40 [4737.00]	1.70[−2.72,6.13] 0.75 [2.26] 0.45 [4736.00]	−1.04[−5.62,3.55] −0.44 [2.34] 0.66 [4737.00]		2.84[−3.74,9.41] 0.85 [3.35] 0.40 [4737.00]	−1.02[−5.60,3.57] −0.44 [2.34] 0.66 [4736.00]
V_ProducttoiletpaperV_RacenamefIndian	−2.22[−6.70,2.26] −0.97 [2.28] 0.33 [4737.00]		1.05[−5.55,7.66] 0.31 [3.37] 0.75 [4737.00]	−2.17[−6.65,2.30] −0.95 [2.28] 0.34 [4736.00]	−0.25[−4.89,4.39] −0.10 [2.37] 0.92 [4737.00]		1.05[−5.55,7.66] 0.31 [3.37] 0.75 [4737.00]	−0.22[−4.86,4.42] −0.09 [2.37] 0.93 [4736.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−6.23[−12.57,0.10]+ −1.93 [3.23] 0.05 [4737.00]		−0.38[−9.75,8.99] −0.08 [4.78] 0.94 [4737.00]	−6.26[−12.59,0.08]+ −1.94 [3.23] 0.05 [4736.00]	3.35[−3.22,9.91] 1.00 [3.35] 0.32 [4737.00]		−0.38[−9.75,8.99] −0.08 [4.78] 0.94 [4737.00]	3.33[−3.23,9.89] 0.99 [3.35] 0.32 [4736.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	−6.90[−12.82,−0.98]* −2.28 [3.02] 0.02 [4737.00]		1.47[−7.30,10.24] 0.33 [4.47] 0.74 [4737.00]	−6.86[−12.79,−0.94]* −2.27 [3.02] 0.02 [4736.00]	0.95[−5.18,7.09] 0.30 [3.13] 0.76 [4737.00]		1.47[−7.30,10.24] 0.33 [4.47] 0.74 [4737.00]	0.98[−5.15,7.12] 0.31 [3.13] 0.75 [4736.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.84[−9.21,3.53] −0.87 [3.25] 0.38 [4737.00]		−2.79[−12.19,6.60] −0.58 [4.79] 0.56 [4737.00]	−2.90[−9.27,3.48] −0.89 [3.25] 0.37 [4736.00]	4.12[−2.49,10.72] 1.22 [3.37] 0.22 [4737.00]		−2.79[−12.19,6.60] −0.58 [4.79] 0.56 [4737.00]	4.08[−2.53,10.68] 1.21 [3.37] 0.23 [4736.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−2.08[−8.11,3.96] −0.67 [3.08] 0.50 [4737.00]		−3.86[−12.76,5.05] −0.85 [4.54] 0.40 [4737.00]	−2.15[−8.18,3.89] −0.70 [3.08] 0.49 [4736.00]	1.87[−4.39,8.13] 0.58 [3.19] 0.56 [4737.00]		−3.86[−12.76,5.05] −0.85 [4.54] 0.40 [4737.00]	1.83[−4.43,8.08] 0.57 [3.19] 0.57 [4736.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	1.51[−4.88,7.90] 0.46 [3.26] 0.64 [4737.00]		−2.16[−11.62,7.30] −0.45 [4.82] 0.65 [4737.00]	1.45[−4.94,7.84] 0.44 [3.26] 0.66 [4736.00]	5.45[−1.17,12.07] 1.61 [3.38] 0.11 [4737.00]		−2.16[−11.62,7.30] −0.45 [4.82] 0.65 [4737.00]	5.41[−1.21,12.03] 1.60 [3.38] 0.11 [4736.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	−2.07[−7.99,3.85] −0.69 [3.02] 0.49 [4737.00]		2.24[−6.52,10.99] 0.50 [4.47] 0.62 [4737.00]	−2.03[−7.95,3.89] −0.67 [3.02] 0.50 [4736.00]	2.63[−3.51,8.76] 0.84 [3.13] 0.40 [4737.00]		2.24[−6.52,10.99] 0.50 [4.47] 0.62 [4737.00]	2.66[−3.48,8.79] 0.85 [3.13] 0.40 [4736.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	−0.29[−6.75,6.18] −0.09 [3.30] 0.93 [4737.00]		1.92[−7.63,11.47] 0.39 [4.87] 0.69 [4737.00]	−0.24[−6.69,6.22] −0.07 [3.29] 0.94 [4736.00]	3.73[−2.96,10.43] 1.09 [3.42] 0.27 [4737.00]		1.92[−7.63,11.47] 0.39 [4.87] 0.69 [4737.00]	3.76[−2.93,10.46] 1.10 [3.42] 0.27 [4736.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	−0.44[−6.43,5.55] −0.14 [3.06] 0.89 [4737.00]		3.43[−5.41,12.27] 0.76 [4.51] 0.45 [4737.00]	−0.35[−6.34,5.64] −0.11 [3.05] 0.91 [4736.00]	0.15[−6.06,6.36] 0.05 [3.17] 0.96 [4737.00]		3.43[−5.41,12.27] 0.76 [4.51] 0.45 [4737.00]	0.21[−6.00,6.42] 0.07 [3.17] 0.95 [4736.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−1.82[−8.27,4.63] −0.55 [3.29] 0.58 [4737.00]		−3.22[−12.76,6.32] −0.66 [4.87] 0.51 [4737.00]	−1.87[−8.31,4.58] −0.57 [3.29] 0.57 [4736.00]	3.30[−3.38,9.98] 0.97 [3.41] 0.33 [4737.00]		−3.22[−12.76,6.32] −0.66 [4.87] 0.51 [4737.00]	3.27[−3.41,9.95] 0.96 [3.41] 0.34 [4736.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−1.02[−6.99,4.96] −0.33 [3.05] 0.74 [4737.00]		−0.88[−9.71,7.95] −0.20 [4.50] 0.85 [4737.00]	−1.02[−6.99,4.95] −0.33 [3.04] 0.74 [4736.00]	0.37[−5.81,6.56] 0.12 [3.16] 0.91 [4737.00]		−0.88[−9.71,7.95] −0.20 [4.50] 0.85 [4737.00]	0.37[−5.81,6.56] 0.12 [3.16] 0.91 [4736.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	4.94[−1.50,11.37] 1.50 [3.28] 0.13 [4737.00]		−1.85[−11.33,7.64] −0.38 [4.84] 0.70 [4737.00]	4.87[−1.56,11.31] 1.48 [3.28] 0.14 [4736.00]	8.26[1.59,14.94]* 2.43 [3.40] 0.02 [4737.00]		−1.85[−11.33,7.64] −0.38 [4.84] 0.70 [4737.00]	8.22[1.54,14.89]* 2.41 [3.40] 0.02 [4736.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	0.94[−4.98,6.87] 0.31 [3.02] 0.75 [4737.00]		1.34[−7.40,10.08] 0.30 [4.46] 0.76 [4737.00]	0.94[−4.97,6.86] 0.31 [3.02] 0.75 [4736.00]	8.62[2.48,14.76]** 2.75 [3.13] 0.01 [4737.00]		1.34[−7.40,10.08] 0.30 [4.46] 0.76 [4737.00]	8.62[2.48,14.76]** 2.75 [3.13] 0.01 [4736.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−2.75[−9.18,3.68] −0.84 [3.28] 0.40 [4737.00]		−1.73[−11.22,7.75] −0.36 [4.84] 0.72 [4737.00]	−2.81[−9.24,3.62] −0.86 [3.28] 0.39 [4736.00]	2.29[−4.38,8.95] 0.67 [3.40] 0.50 [4737.00]		−1.73[−11.22,7.75] −0.36 [4.84] 0.72 [4737.00]	2.25[−4.42,8.91] 0.66 [3.40] 0.51 [4736.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	−2.34[−8.42,3.74] −0.76 [3.10] 0.45 [4737.00]		1.00[−7.98,9.98] 0.22 [4.58] 0.83 [4737.00]	−2.34[−8.42,3.74] −0.75 [3.10] 0.45 [4736.00]	−0.17[−6.47,6.13] −0.05 [3.21] 0.96 [4737.00]		1.00[−7.98,9.98] 0.22 [4.58] 0.83 [4737.00]	−0.18[−6.47,6.12] −0.05 [3.21] 0.96 [4736.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	1.42[−4.94,7.77] 0.44 [3.24] 0.66 [4737.00]		0.20[−9.21,9.61] 0.04 [4.80] 0.97 [4737.00]	1.46[−4.89,7.81] 0.45 [3.24] 0.65 [4736.00]	4.72[−1.86,11.30] 1.41 [3.36] 0.16 [4737.00]		0.20[−9.21,9.61] 0.04 [4.80] 0.97 [4737.00]	4.76[−1.82,11.34] 1.42 [3.36] 0.16 [4736.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−2.14[−8.10,3.82] −0.70 [3.04] 0.48 [4737.00]		−3.96[−12.79,4.87] −0.88 [4.50] 0.38 [4737.00]	−2.22[−8.17,3.74] −0.73 [3.04] 0.47 [4736.00]	3.81[−2.36,9.98] 1.21 [3.15] 0.23 [4737.00]		−3.96[−12.79,4.87] −0.88 [4.50] 0.38 [4737.00]	3.76[−2.41,9.93] 1.19 [3.15] 0.23 [4736.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	4.60[−1.77,10.96] 1.42 [3.25] 0.16 [4737.00]		−1.45[−10.85,7.94] −0.30 [4.79] 0.76 [4737.00]	4.54[−1.82,10.91] 1.40 [3.25] 0.16 [4736.00]	6.54[−0.06,13.14]+ 1.94 [3.37] 0.05 [4737.00]		−1.45[−10.85,7.94] −0.30 [4.79] 0.76 [4737.00]	6.51[−0.09,13.11]+ 1.93 [3.37] 0.05 [4736.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	1.20[−4.84,7.25] 0.39 [3.08] 0.70 [4737.00]		1.90[−7.03,10.83] 0.42 [4.55] 0.68 [4737.00]	1.21[−4.83,7.26] 0.39 [3.08] 0.69 [4736.00]	3.61[−2.65,9.88] 1.13 [3.20] 0.26 [4737.00]		1.90[−7.03,10.83] 0.42 [4.55] 0.68 [4737.00]	3.62[−2.65,9.88] 1.13 [3.20] 0.26 [4736.00]
MWOther_Self		−0.02[−0.04,0.00]* −2.06 [0.01] 0.04 [4788.00]		−0.02[−0.04,0.00]* −2.26 [0.01] 0.02 [4736.00]		−0.01[−0.03,0.01] −1.44 [0.01] 0.15 [4788.00]		−0.01[−0.03,0.01] −1.40 [0.01] 0.16 [4736.00]
SD (Intercept ID)	5.76	5.75	5.75	5.78	6.86	6.83	5.75	6.85
SD (Observations)	9.52	9.53	14.67	9.52	9.75	9.75	14.67	9.75
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.011	0.001	0.012	0.012	0.009	0.000	0.012	0.009
R2 Cond.	0.276	0.267	0.144	0.278	0.337	0.329	0.144	0.337
AIC	35 986.4	36 039.5	39 748.0	35 990.7	36 346.4	36 396.0	39 748.0	36 353.8
BIC	36 342.5	36 065.4	40 104.1	36 353.3	36 702.5	36 421.9	40 104.1	36 716.4
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.02	9.08	14.08	9.01	9.20	9.25	14.08	9.20

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.10: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	36069.28	36425.37	-17979.64	35959.28			
C2Path	56.00	36066.14	36428.71	-17977.07	35954.14	5.14	1	0.0234

Table 2.11: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	36433.14	36789.24	-18161.57	36323.14			
C2Path	56.00	36433.15	36795.73	-18160.58	36321.15	1.99	1	0.1586

Table 2.12: Model H2a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.98[−2.26,4.22] 0.59 [1.65] 0.55 [4741.00]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	−5.77[−10.54,−1.00]* −2.37 [2.43] 0.02 [4741.00]	0.85[−2.39,4.09] 0.52 [1.65] 0.61 [4740.00]	2.63[−0.75,6.00] 1.53 [1.72] 0.13 [4741.00]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	−5.77[−10.54,−1.00]* −2.37 [2.43] 0.02 [4741.00]	2.54[−0.84,5.92] 1.48 [1.72] 0.14 [4740.00]
RaceContRespNonAmWhite	0.31[−2.96,3.58] 0.19 [1.67] 0.85 [4741.00]		−1.17[−5.90,3.56] −0.49 [2.41] 0.63 [4741.00]	0.28[−2.99,3.56] 0.17 [1.67] 0.86 [4740.00]	2.02[−1.43,5.46] 1.15 [1.76] 0.25 [4741.00]		−1.17[−5.90,3.56] −0.49 [2.41] 0.63 [4741.00]	2.00[−1.45,5.44] 1.14 [1.76] 0.26 [4740.00]
RaceContRespWhiteAmerican	−2.32[−5.42,0.77] −1.47 [1.58] 0.14 [4741.00]		−0.09[−4.56,4.39] −0.04 [2.28] 0.97 [4741.00]	−2.33[−5.42,0.77] −1.48 [1.58] 0.14 [4740.00]	0.56[−2.70,3.82] 0.34 [1.66] 0.74 [4741.00]		−0.09[−4.56,4.39] −0.04 [2.28] 0.97 [4741.00]	0.56[−2.70,3.82] 0.34 [1.66] 0.74 [4740.00]
V_Productcigarettes	0.00[−3.04,3.04] 0.00 [1.55] 1.00 [4741.00]		0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4741.00]	0.01[−3.02,3.05] 0.01 [1.55] 0.99 [4740.00]	0.88[−2.27,4.02] 0.55 [1.60] 0.58 [4741.00]		0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4741.00]	0.88[−2.26,4.03] 0.55 [1.60] 0.58 [4740.00]
V_Producthardwaresupplies	−0.89[−3.98,2.20] −0.57 [1.58] 0.57 [4741.00]		0.66[−3.96,5.27] 0.28 [2.35] 0.78 [4741.00]	−0.86[−3.95,2.23] −0.54 [1.58] 0.59 [4740.00]	1.86[−1.33,5.06] 1.14 [1.63] 0.25 [4741.00]		0.66[−3.96,5.27] 0.28 [2.35] 0.78 [4741.00]	1.89[−1.31,5.09] 1.16 [1.63] 0.25 [4740.00]
V_Producttoiletpaper	0.50[−2.51,3.52] 0.33 [1.54] 0.74 [4741.00]		1.08[−3.41,5.57] 0.47 [2.29] 0.64 [4741.00]	0.52[−2.50,3.53] 0.34 [1.54] 0.74 [4740.00]	1.76[−1.35,4.88] 1.11 [1.59] 0.27 [4741.00]		1.08[−3.41,5.57] 0.47 [2.29] 0.64 [4741.00]	1.77[−1.35,4.89] 1.11 [1.59] 0.27 [4740.00]
V_RacenamefBlack	−1.49[−4.51,1.54] −0.96 [1.54] 0.34 [4741.00]		−1.70[−6.20,2.81] −0.74 [2.30] 0.46 [4741.00]	−1.52[−4.54,1.50] −0.98 [1.54] 0.33 [4740.00]	0.83[−2.29,3.96] 0.52 [1.59] 0.60 [4741.00]		−1.70[−6.20,2.81] −0.74 [2.30] 0.46 [4741.00]	0.81[−2.31,3.94] 0.51 [1.59] 0.61 [4740.00]
V_RacenamefChinese	−1.91[−4.90,1.07] −1.26 [1.52] 0.21 [4741.00]		−1.33[−5.77,3.10] −0.59 [2.26] 0.56 [4741.00]	−1.94[−4.92,1.04] −1.28 [1.52] 0.20 [4740.00]	−0.24[−3.32,2.85] −0.15 [1.57] 0.88 [4741.00]		−1.33[−5.77,3.10] −0.59 [2.26] 0.56 [4741.00]	−0.26[−3.34,2.83] −0.16 [1.57] 0.87 [4740.00]
V_RacenamefIndian	−0.68[−3.85,2.48] −0.42 [1.61] 0.67 [4741.00]		−2.70[−7.42,2.02] −1.12 [2.41] 0.26 [4741.00]	−0.74[−3.90,2.42] −0.46 [1.61] 0.64 [4740.00]	−0.96[−4.22,2.31] −0.57 [1.67] 0.57 [4741.00]		−2.70[−7.42,2.02] −1.12 [2.41] 0.26 [4741.00]	−1.00[−4.27,2.27] −0.60 [1.67] 0.55 [4740.00]
V_Age	0.06[0.01,0.12]* 2.17 [0.03] 0.03 [4741.00]		0.08[−0.01,0.16]+ 1.82 [0.04] 0.07 [4741.00]	0.06[0.01,0.12]* 2.23 [0.03] 0.03 [4740.00]	0.02[−0.04,0.07] 0.56 [0.03] 0.58 [4741.00]		0.08[−0.01,0.16]+ 1.82 [0.04] 0.07 [4741.00]	0.02[−0.04,0.08] 0.59 [0.03] 0.55 [4740.00]
RaceContRespNonAmWhiteV_Productcigarettes	1.03[−3.38,5.43] 0.46 [2.25] 0.65 [4741.00]		0.18[−6.39,6.74] 0.05 [3.35] 0.96 [4741.00]	1.04[−3.36,5.44] 0.46 [2.24] 0.64 [4740.00]	−3.20[−7.75,1.35] −1.38 [2.32] 0.17 [4741.00]		0.18[−6.39,6.74] 0.05 [3.35] 0.96 [4741.00]	−3.19[−7.74,1.36] −1.37 [2.32] 0.17 [4740.00]
RaceContRespWhiteAmericanV_Productcigarettes	3.16[−0.98,7.30] 1.49 [2.11] 0.13 [4741.00]		−2.35[−8.53,3.82] −0.75 [3.15] 0.45 [4741.00]	3.11[−1.03,7.24] 1.47 [2.11] 0.14 [4740.00]	0.73[−3.55,5.01] 0.33 [2.18] 0.74 [4741.00]		−2.35[−8.53,3.82] −0.75 [3.15] 0.45 [4741.00]	0.70[−3.59,4.98] 0.32 [2.18] 0.75 [4740.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	−0.54[−4.91,3.84] −0.24 [2.23] 0.81 [4741.00]		1.00[−5.53,7.52] 0.30 [3.33] 0.76 [4741.00]	−0.53[−4.90,3.84] −0.24 [2.23] 0.81 [4740.00]	−4.66[−9.19,−0.14]* −2.02 [2.31] 0.04 [4741.00]		1.00[−5.53,7.52] 0.30 [3.33] 0.76 [4741.00]	−4.66[−9.18,−0.14]* −2.02 [2.31] 0.04 [4740.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	2.15[−1.99,6.29] 1.02 [2.11] 0.31 [4741.00]		1.59[−4.59,7.77] 0.50 [3.15] 0.61 [4741.00]	2.17[−1.97,6.31] 1.03 [2.11] 0.30 [4740.00]	−2.22[−6.50,2.06] −1.02 [2.18] 0.31 [4741.00]		1.59[−4.59,7.77] 0.50 [3.15] 0.61 [4741.00]	−2.20[−6.48,2.08] −1.01 [2.18] 0.31 [4740.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	−3.91[−8.27,0.45]+ −1.76 [2.22] 0.08 [4741.00]		0.81[−5.69,7.31] 0.24 [3.31] 0.81 [4741.00]	−3.88[−8.24,0.48]+ −1.74 [2.22] 0.08 [4740.00]	−5.51[−10.01,−1.00]* −2.39 [2.30] 0.02 [4741.00]		0.81[−5.69,7.31] 0.24 [3.31] 0.81 [4741.00]	−5.48[−9.99,−0.97]* −2.38 [2.30] 0.02 [4740.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	1.03[−3.02,5.09] 0.50 [2.07] 0.62 [4741.00]		−3.75[−9.80,2.30] −1.21 [3.09] 0.22 [4741.00]	0.97[−3.09,5.02] 0.47 [2.07] 0.64 [4740.00]	−3.32[−7.51,0.88] −1.55 [2.14] 0.12 [4741.00]		−3.75[−9.80,2.30] −1.21 [3.09] 0.22 [4741.00]	−3.36[−7.56,0.83] −1.57 [2.14] 0.12 [4740.00]
RaceContRespNonAmWhiteV_RacenamefBlack	3.16[−1.17,7.50] 1.43 [2.21] 0.15 [4741.00]		4.25[−2.22,10.72] 1.29 [3.30] 0.20 [4741.00]	3.26[−1.07,7.60] 1.47 [2.21] 0.14 [4740.00]	−2.54[−7.02,1.95] −1.11 [2.29] 0.27 [4741.00]		4.25[−2.22,10.72] 1.29 [3.30] 0.20 [4741.00]	−2.47[−6.95,2.02] −1.08 [2.29] 0.28 [4740.00]
RaceContRespWhiteAmericanV_RacenamefBlack	2.89[−1.19,6.98] 1.39 [2.08] 0.17 [4741.00]		2.19[−3.90,8.29] 0.71 [3.11] 0.48 [4741.00]	2.94[−1.15,7.02] 1.41 [2.08] 0.16 [4740.00]	−2.09[−6.32,2.13] −0.97 [2.15] 0.33 [4741.00]		2.19[−3.90,8.29] 0.71 [3.11] 0.48 [4741.00]	−2.07[−6.29,2.16] −0.96 [2.15] 0.34 [4740.00]
RaceContRespNonAmWhiteV_RacenamefChinese	1.32[−3.16,5.81] 0.58 [2.29] 0.56 [4741.00]		3.02[−3.67,9.70] 0.88 [3.41] 0.38 [4741.00]	1.39[−3.10,5.87] 0.61 [2.29] 0.54 [4740.00]	−1.80[−6.44,2.84] −0.76 [2.37] 0.45 [4741.00]		3.02[−3.67,9.70] 0.88 [3.41] 0.38 [4741.00]	−1.76[−6.40,2.88] −0.74 [2.37] 0.46 [4740.00]
RaceContRespWhiteAmericanV_RacenamefChinese	2.55[−1.49,6.59] 1.24 [2.06] 0.22 [4741.00]		2.19[−3.83,8.21] 0.71 [3.07] 0.48 [4741.00]	2.60[−1.44,6.64] 1.26 [2.06] 0.21 [4740.00]	−1.04[−5.22,3.14] −0.49 [2.13] 0.63 [4741.00]		2.19[−3.83,8.21] 0.71 [3.07] 0.48 [4741.00]	−1.01[−5.19,3.17] −0.47 [2.13] 0.64 [4740.00]
RaceContRespNonAmWhiteV_RacenamefIndian	−0.80[−5.17,3.57] −0.36 [2.23] 0.72 [4741.00]		2.60[−3.92,9.12] 0.78 [3.33] 0.43 [4741.00]	−0.74[−5.11,3.63] −0.33 [2.23] 0.74 [4740.00]	−2.91[−7.43,1.60] −1.26 [2.31] 0.21 [4741.00]		2.60[−3.92,9.12] 0.78 [3.33] 0.43 [4741.00]	−2.88[−7.40,1.64] −1.25 [2.31] 0.21 [4740.00]
RaceContRespWhiteAmericanV_RacenamefIndian	1.62[−2.60,5.84] 0.75 [2.15] 0.45 [4741.00]		2.80[−3.50,9.10] 0.87 [3.21] 0.38 [4741.00]	1.69[−2.53,5.91] 0.79 [2.15] 0.43 [4740.00]	−1.31[−5.67,3.06] −0.59 [2.23] 0.56 [4741.00]		2.80[−3.50,9.10] 0.87 [3.21] 0.38 [4741.00]	−1.26[−5.62,3.11] −0.57 [2.23] 0.57 [4740.00]
V_ProductcigarettesV_RacenamefBlack	2.65[−1.65,6.95] 1.21 [2.20] 0.23 [4741.00]		−3.09[−9.46,3.29] −0.95 [3.25] 0.34 [4741.00]	2.58[−1.72,6.88] 1.18 [2.19] 0.24 [4740.00]	−1.41[−5.87,3.05] −0.62 [2.27] 0.54 [4741.00]		−3.09[−9.46,3.29] −0.95 [3.25] 0.34 [4741.00]	−1.46[−5.91,3.00] −0.64 [2.27] 0.52 [4740.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.93[−3.55,5.42] 0.41 [2.29] 0.68 [4741.00]		1.67[−4.94,8.29] 0.50 [3.37] 0.62 [4741.00]	0.94[−3.54,5.42] 0.41 [2.29] 0.68 [4740.00]	−1.66[−6.31,3.00] −0.70 [2.37] 0.49 [4741.00]		1.67[−4.94,8.29] 0.50 [3.37] 0.62 [4741.00]	−1.65[−6.31,3.00] −0.70 [2.37] 0.49 [4740.00]
V_ProducttoiletpaperV_RacenamefBlack	0.31[−4.06,4.68] 0.14 [2.23] 0.89 [4741.00]		−0.38[−6.85,6.09] −0.11 [3.30] 0.91 [4741.00]	0.31[−4.06,4.67] 0.14 [2.23] 0.89 [4740.00]	−1.30[−5.83,3.23] −0.56 [2.31] 0.57 [4741.00]		−0.38[−6.85,6.09] −0.11 [3.30] 0.91 [4741.00]	−1.31[−5.83,3.22] −0.57 [2.31] 0.57 [4740.00]
V_ProductcigarettesV_RacenamefChinese	−1.38[−5.84,3.07] −0.61 [2.27] 0.54 [4741.00]		−3.12[−9.69,3.45] −0.93 [3.35] 0.35 [4741.00]	−1.46[−5.91,2.99] −0.64 [2.27] 0.52 [4740.00]	−1.56[−6.18,3.06] −0.66 [2.36] 0.51 [4741.00]		−3.12[−9.69,3.45] −0.93 [3.35] 0.35 [4741.00]	−1.61[−6.23,3.01] −0.68 [2.36] 0.49 [4740.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.06[−3.30,5.42] 0.48 [2.22] 0.63 [4741.00]		1.27[−5.17,7.71] 0.39 [3.29] 0.70 [4741.00]	1.07[−3.28,5.43] 0.48 [2.22] 0.63 [4740.00]	−1.44[−5.95,3.08] −0.62 [2.30] 0.53 [4741.00]		1.27[−5.17,7.71] 0.39 [3.29] 0.70 [4741.00]	−1.43[−5.94,3.08] −0.62 [2.30] 0.53 [4740.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.68[−6.03,2.66] −0.76 [2.21] 0.45 [4741.00]		−1.50[−7.90,4.91] −0.46 [3.27] 0.65 [4741.00]	−1.69[−6.03,2.65] −0.76 [2.21] 0.44 [4740.00]	−4.53[−9.04,−0.03]* −1.97 [2.30] 0.05 [4741.00]		−1.50[−7.90,4.91] −0.46 [3.27] 0.65 [4741.00]	−4.53[−9.04,−0.03]* −1.97 [2.30] 0.05 [4740.00]
V_ProductcigarettesV_RacenamefIndian	0.12[−4.33,4.58] 0.05 [2.27] 0.96 [4741.00]		3.18[−3.40,9.77] 0.95 [3.36] 0.34 [4741.00]	0.21[−4.25,4.66] 0.09 [2.27] 0.93 [4740.00]	0.23[−4.39,4.85] 0.10 [2.36] 0.92 [4741.00]		3.18[−3.40,9.77] 0.95 [3.36] 0.34 [4741.00]	0.29[−4.33,4.91] 0.12 [2.36] 0.90 [4740.00]
V_ProducthardwaresuppliesV_RacenamefIndian	1.66[−2.76,6.09] 0.74 [2.26] 0.46 [4741.00]		2.72[−3.85,9.29] 0.81 [3.35] 0.42 [4741.00]	1.69[−2.73,6.11] 0.75 [2.25] 0.45 [4740.00]	−1.00[−5.57,3.58] −0.43 [2.33] 0.67 [4741.00]		2.72[−3.85,9.29] 0.81 [3.35] 0.42 [4741.00]	−0.98[−5.56,3.60] −0.42 [2.33] 0.67 [4740.00]
V_ProducttoiletpaperV_RacenamefIndian	−2.20[−6.67,2.27] −0.97 [2.28] 0.33 [4741.00]		1.13[−5.46,7.73] 0.34 [3.36] 0.74 [4741.00]	−2.15[−6.62,2.31] −0.95 [2.28] 0.34 [4740.00]	−0.29[−4.92,4.34] −0.12 [2.36] 0.90 [4741.00]		1.13[−5.46,7.73] 0.34 [3.36] 0.74 [4741.00]	−0.26[−4.89,4.37] −0.11 [2.36] 0.91 [4740.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−6.21[−12.53,0.12]+ −1.92 [3.23] 0.05 [4741.00]		−0.22[−9.58,9.14] −0.05 [4.78] 0.96 [4741.00]	−6.22[−12.55,0.10]+ −1.93 [3.23] 0.05 [4740.00]	3.37[−3.19,9.92] 1.01 [3.34] 0.31 [4741.00]		−0.22[−9.58,9.14] −0.05 [4.78] 0.96 [4741.00]	3.36[−3.20,9.91] 1.00 [3.34] 0.32 [4740.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	−6.86[−12.77,−0.94]* −2.27 [3.02] 0.02 [4741.00]		1.76[−7.00,10.52] 0.39 [4.47] 0.69 [4741.00]	−6.81[−12.73,−0.90]* −2.26 [3.02] 0.02 [4740.00]	0.86[−5.27,6.99] 0.28 [3.13] 0.78 [4741.00]		1.76[−7.00,10.52] 0.39 [4.47] 0.69 [4741.00]	0.90[−5.23,7.03] 0.29 [3.13] 0.77 [4740.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.77[−9.13,3.59] −0.85 [3.24] 0.39 [4741.00]		−2.20[−11.58,7.17] −0.46 [4.78] 0.64 [4741.00]	−2.81[−9.17,3.54] −0.87 [3.24] 0.39 [4740.00]	3.91[−2.69,10.51] 1.16 [3.36] 0.25 [4741.00]		−2.20[−11.58,7.17] −0.46 [4.78] 0.64 [4741.00]	3.88[−2.71,10.47] 1.15 [3.36] 0.25 [4740.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−2.06[−8.09,3.97] −0.67 [3.08] 0.50 [4741.00]		−3.76[−12.66,5.15] −0.83 [4.54] 0.41 [4741.00]	−2.13[−8.16,3.90] −0.69 [3.08] 0.49 [4740.00]	1.85[−4.40,8.11] 0.58 [3.19] 0.56 [4741.00]		−3.76[−12.66,5.15] −0.83 [4.54] 0.41 [4741.00]	1.81[−4.44,8.07] 0.57 [3.19] 0.57 [4740.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	1.50[−4.88,7.88] 0.46 [3.26] 0.64 [4741.00]		−2.16[−11.61,7.29] −0.45 [4.82] 0.65 [4741.00]	1.44[−4.94,7.82] 0.44 [3.25] 0.66 [4740.00]	5.47[−1.15,12.08] 1.62 [3.37] 0.11 [4741.00]		−2.16[−11.61,7.29] −0.45 [4.82] 0.65 [4741.00]	5.42[−1.19,12.03] 1.61 [3.37] 0.11 [4740.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	−2.08[−7.99,3.83] −0.69 [3.02] 0.49 [4741.00]		2.27[−6.48,11.01] 0.51 [4.46] 0.61 [4741.00]	−2.04[−7.95,3.88] −0.67 [3.02] 0.50 [4740.00]	2.57[−3.56,8.70] 0.82 [3.13] 0.41 [4741.00]		2.27[−6.48,11.01] 0.51 [4.46] 0.61 [4741.00]	2.61[−3.52,8.73] 0.83 [3.13] 0.40 [4740.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	−0.27[−6.73,6.18] −0.08 [3.29] 0.93 [4741.00]		1.98[−7.56,11.52] 0.41 [4.87] 0.68 [4741.00]	−0.22[−6.68,6.23] −0.07 [3.29] 0.95 [4740.00]	3.79[−2.90,10.48] 1.11 [3.41] 0.27 [4741.00]		1.98[−7.56,11.52] 0.41 [4.87] 0.68 [4741.00]	3.82[−2.87,10.51] 1.12 [3.41] 0.26 [4740.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	−0.41[−6.38,5.57] −0.13 [3.05] 0.89 [4741.00]		3.58[−5.25,12.41] 0.80 [4.50] 0.43 [4741.00]	−0.31[−6.28,5.66] −0.10 [3.05] 0.92 [4740.00]	0.29[−5.90,6.49] 0.09 [3.16] 0.93 [4741.00]		3.58[−5.25,12.41] 0.80 [4.50] 0.43 [4741.00]	0.36[−5.84,6.55] 0.11 [3.16] 0.91 [4740.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−1.85[−8.29,4.60] −0.56 [3.29] 0.57 [4741.00]		−3.34[−12.88,6.20] −0.69 [4.86] 0.49 [4741.00]	−1.90[−8.34,4.54] −0.58 [3.28] 0.56 [4740.00]	3.26[−3.42,9.93] 0.96 [3.40] 0.34 [4741.00]		−3.34[−12.88,6.20] −0.69 [4.86] 0.49 [4741.00]	3.22[−3.45,9.90] 0.95 [3.40] 0.34 [4740.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−1.03[−6.99,4.94] −0.34 [3.04] 0.74 [4741.00]		−0.95[−9.77,7.87] −0.21 [4.50] 0.83 [4741.00]	−1.03[−7.00,4.93] −0.34 [3.04] 0.73 [4740.00]	0.44[−5.75,6.62] 0.14 [3.15] 0.89 [4741.00]		−0.95[−9.77,7.87] −0.21 [4.50] 0.83 [4741.00]	0.44[−5.74,6.62] 0.14 [3.15] 0.89 [4740.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	4.89[−1.53,11.32] 1.49 [3.28] 0.14 [4741.00]		−2.00[−11.48,7.47] −0.41 [4.83] 0.68 [4741.00]	4.82[−1.60,11.24] 1.47 [3.28] 0.14 [4740.00]	8.22[1.55,14.88]* 2.42 [3.40] 0.02 [4741.00]		−2.00[−11.48,7.47] −0.41 [4.83] 0.68 [4741.00]	8.17[1.50,14.83]* 2.40 [3.40] 0.02 [4740.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	0.95[−4.96,6.85] 0.31 [3.01] 0.75 [4741.00]		1.47[−7.26,10.19] 0.33 [4.45] 0.74 [4741.00]	0.95[−4.96,6.86] 0.32 [3.01] 0.75 [4740.00]	8.59[2.46,14.71]** 2.75 [3.12] 0.01 [4741.00]		1.47[−7.26,10.19] 0.33 [4.45] 0.74 [4741.00]	8.59[2.46,14.71]** 2.75 [3.12] 0.01 [4740.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−2.78[−9.20,3.65] −0.85 [3.28] 0.40 [4741.00]		−1.82[−11.30,7.67] −0.38 [4.84] 0.71 [4741.00]	−2.84[−9.26,3.58] −0.87 [3.28] 0.39 [4740.00]	2.23[−4.43,8.89] 0.66 [3.40] 0.51 [4741.00]		−1.82[−11.30,7.67] −0.38 [4.84] 0.71 [4741.00]	2.19[−4.47,8.85] 0.64 [3.40] 0.52 [4740.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	−2.36[−8.43,3.70] −0.76 [3.09] 0.45 [4741.00]		0.97[−8.00,9.93] 0.21 [4.57] 0.83 [4741.00]	−2.36[−8.42,3.70] −0.76 [3.09] 0.45 [4740.00]	−0.26[−6.55,6.02] −0.08 [3.21] 0.93 [4741.00]		0.97[−8.00,9.93] 0.21 [4.57] 0.83 [4741.00]	−0.27[−6.55,6.02] −0.08 [3.21] 0.93 [4740.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	1.43[−4.92,7.78] 0.44 [3.24] 0.66 [4741.00]		0.43[−8.97,9.84] 0.09 [4.80] 0.93 [4741.00]	1.48[−4.86,7.82] 0.46 [3.24] 0.65 [4740.00]	4.58[−2.00,11.15] 1.37 [3.35] 0.17 [4741.00]		0.43[−8.97,9.84] 0.09 [4.80] 0.93 [4741.00]	4.62[−1.96,11.19] 1.38 [3.35] 0.17 [4740.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−2.17[−8.12,3.78] −0.71 [3.04] 0.48 [4741.00]		−4.02[−12.84,4.80] −0.89 [4.50] 0.37 [4741.00]	−2.24[−8.19,3.70] −0.74 [3.03] 0.46 [4740.00]	3.76[−2.41,9.92] 1.19 [3.14] 0.23 [4741.00]		−4.02[−12.84,4.80] −0.89 [4.50] 0.37 [4741.00]	3.70[−2.46,9.87] 1.18 [3.14] 0.24 [4740.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	4.54[−1.81,10.89] 1.40 [3.24] 0.16 [4741.00]		−1.63[−11.00,7.75] −0.34 [4.78] 0.73 [4741.00]	4.49[−1.86,10.83] 1.39 [3.24] 0.17 [4740.00]	6.53[−0.05,13.12]+ 1.95 [3.36] 0.05 [4741.00]		−1.63[−11.00,7.75] −0.34 [4.78] 0.73 [4741.00]	6.50[−0.09,13.08]+ 1.93 [3.36] 0.05 [4740.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	1.19[−4.84,7.22] 0.39 [3.07] 0.70 [4741.00]		1.95[−6.96,10.86] 0.43 [4.54] 0.67 [4741.00]	1.20[−4.82,7.23] 0.39 [3.07] 0.70 [4740.00]	3.60[−2.65,9.85] 1.13 [3.19] 0.26 [4741.00]		1.95[−6.96,10.86] 0.43 [4.54] 0.67 [4741.00]	3.61[−2.64,9.85] 1.13 [3.19] 0.26 [4740.00]
MWOther_Self		−0.02[−0.04,0.00]* −2.06 [0.01] 0.04 [4788.00]		−0.02[−0.04,0.00]* −2.24 [0.01] 0.03 [4740.00]		−0.01[−0.03,0.01] −1.44 [0.01] 0.15 [4788.00]		−0.01[−0.03,0.01] −1.43 [0.01] 0.15 [4740.00]
SD (Intercept ID)	5.76	5.75	5.75	5.78	6.86	6.83	5.75	6.85
SD (Observations)	9.52	9.53	14.68	9.51	9.75	9.75	14.68	9.75
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.011	0.001	0.011	0.012	0.009	0.000	0.011	0.009
R2 Cond.	0.276	0.267	0.143	0.278	0.337	0.329	0.143	0.336
AIC	35 977.7	36 039.5	39 747.9	35 982.1	36 339.9	36 396.0	39 747.9	36 347.3
BIC	36 307.9	36 065.4	40 078.1	36 318.8	36 670.1	36 421.9	40 078.1	36 683.9
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.02	9.08	14.09	9.01	9.20	9.25	14.09	9.20

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.13: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	51.00	36061.51	36391.71	-17979.76	35959.51			
C2Path	52.00	36058.46	36395.13	-17977.23	35954.46	5.05	1	0.0246

Table 2.14: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	51.00	36427.43	36757.63	-18162.72	36325.43			
C2Path	52.00	36427.38	36764.06	-18161.69	36323.38	2.05	1	0.1523

Table 2.15: Model H2a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.46[−2.37,3.28] 0.32 [1.44] 0.75 [4765.00]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	−5.55[−9.69,−1.41]** −2.63 [2.11] 0.01 [4765.00]	0.35[−2.48,3.18] 0.24 [1.44] 0.81 [4764.00]	3.69[0.73,6.64]* 2.45 [1.51] 0.01 [4765.00]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	−5.55[−9.69,−1.41]** −2.63 [2.11] 0.01 [4765.00]	3.61[0.66,6.57]* 2.40 [1.51] 0.02 [4764.00]
RaceContRespNonAmWhite	0.05[−2.34,2.43] 0.04 [1.22] 0.97 [4765.00]		−0.68[−4.04,2.67] −0.40 [1.71] 0.69 [4765.00]	0.02[−2.36,2.41] 0.02 [1.22] 0.98 [4764.00]	−0.36[−2.92,2.20] −0.28 [1.30] 0.78 [4765.00]		−0.68[−4.04,2.67] −0.40 [1.71] 0.69 [4765.00]	−0.38[−2.93,2.18] −0.29 [1.30] 0.77 [4764.00]
RaceContRespWhiteAmerican	−1.23[−3.48,1.03] −1.07 [1.15] 0.29 [4765.00]		0.71[−2.46,3.88] 0.44 [1.62] 0.66 [4765.00]	−1.22[−3.48,1.04] −1.06 [1.15] 0.29 [4764.00]	−0.60[−3.01,1.82] −0.48 [1.23] 0.63 [4765.00]		0.71[−2.46,3.88] 0.44 [1.62] 0.66 [4765.00]	−0.59[−3.00,1.82] −0.48 [1.23] 0.63 [4764.00]
V_ProductMorMorallyQuestionable	0.72[−1.40,2.84] 0.67 [1.08] 0.51 [4765.00]		0.53[−2.63,3.69] 0.33 [1.61] 0.74 [4765.00]	0.72[−1.40,2.84] 0.66 [1.08] 0.51 [4764.00]	0.35[−1.85,2.54] 0.31 [1.12] 0.76 [4765.00]		0.53[−2.63,3.69] 0.33 [1.61] 0.74 [4765.00]	0.34[−1.85,2.53] 0.30 [1.12] 0.76 [4764.00]
V_RacenamefBlack	−1.02[−3.07,1.03] −0.97 [1.05] 0.33 [4765.00]		−0.95[−4.06,2.15] −0.60 [1.58] 0.55 [4765.00]	−1.05[−3.10,1.00] −1.00 [1.05] 0.32 [4764.00]	−0.03[−2.14,2.08] −0.03 [1.08] 0.98 [4765.00]		−0.95[−4.06,2.15] −0.60 [1.58] 0.55 [4765.00]	−0.05[−2.16,2.06] −0.04 [1.08] 0.96 [4764.00]
V_RacenamefChinese	−1.37[−3.41,0.68] −1.31 [1.04] 0.19 [4765.00]		−0.75[−3.82,2.32] −0.48 [1.57] 0.63 [4765.00]	−1.39[−3.44,0.65] −1.33 [1.04] 0.18 [4764.00]	−1.02[−3.13,1.09] −0.95 [1.08] 0.34 [4765.00]		−0.75[−3.82,2.32] −0.48 [1.57] 0.63 [4765.00]	−1.04[−3.15,1.07] −0.96 [1.08] 0.34 [4764.00]
V_RacenamefIndian	0.21[−1.91,2.33] 0.20 [1.08] 0.85 [4765.00]		−1.17[−4.35,2.01] −0.72 [1.62] 0.47 [4765.00]	0.17[−1.95,2.29] 0.16 [1.08] 0.88 [4764.00]	−1.47[−3.66,0.72] −1.31 [1.12] 0.19 [4765.00]		−1.17[−4.35,2.01] −0.72 [1.62] 0.47 [4765.00]	−1.50[−3.69,0.69] −1.34 [1.12] 0.18 [4764.00]
V_Age	0.06[0.01,0.12]* 2.23 [0.03] 0.03 [4765.00]		0.08[0.00,0.16]+ 1.90 [0.04] 0.06 [4765.00]	0.06[0.01,0.12]* 2.29 [0.03] 0.02 [4764.00]	0.01[−0.04,0.07] 0.48 [0.03] 0.63 [4765.00]		0.08[0.00,0.16]+ 1.90 [0.04] 0.06 [4765.00]	0.02[−0.04,0.07] 0.52 [0.03] 0.60 [4764.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionable	−1.23[−4.31,1.85] −0.78 [1.57] 0.43 [4765.00]		0.02[−4.57,4.61] 0.01 [2.34] 0.99 [4765.00]	−1.21[−4.29,1.87] −0.77 [1.57] 0.44 [4764.00]	−2.01[−5.19,1.17] −1.24 [1.62] 0.22 [4765.00]		0.02[−4.57,4.61] 0.01 [2.34] 0.99 [4765.00]	−1.99[−5.17,1.19] −1.23 [1.62] 0.22 [4764.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionable	0.93[−1.95,3.82] 0.64 [1.47] 0.52 [4765.00]		−3.89[−8.18,0.41]+ −1.77 [2.19] 0.08 [4765.00]	0.87[−2.01,3.74] 0.59 [1.47] 0.56 [4764.00]	−0.24[−3.22,2.74] −0.16 [1.52] 0.87 [4765.00]		−3.89[−8.18,0.41]+ −1.77 [2.19] 0.08 [4765.00]	−0.29[−3.27,2.69] −0.19 [1.52] 0.85 [4764.00]
RaceContRespNonAmWhiteV_RacenamefBlack	1.66[−1.25,4.58] 1.12 [1.49] 0.26 [4765.00]		3.30[−1.11,7.70] 1.47 [2.25] 0.14 [4765.00]	1.74[−1.17,4.66] 1.17 [1.49] 0.24 [4764.00]	−0.59[−3.59,2.42] −0.38 [1.53] 0.70 [4765.00]		3.30[−1.11,7.70] 1.47 [2.25] 0.14 [4765.00]	−0.53[−3.54,2.47] −0.35 [1.53] 0.73 [4764.00]
RaceContRespWhiteAmericanV_RacenamefBlack	1.85[−0.93,4.64] 1.31 [1.42] 0.19 [4765.00]		0.40[−3.79,4.60] 0.19 [2.14] 0.85 [4765.00]	1.87[−0.92,4.65] 1.32 [1.42] 0.19 [4764.00]	−1.11[−3.98,1.75] −0.76 [1.46] 0.45 [4765.00]		0.40[−3.79,4.60] 0.19 [2.14] 0.85 [4765.00]	−1.11[−3.97,1.76] −0.76 [1.46] 0.45 [4764.00]
RaceContRespNonAmWhiteV_RacenamefChinese	0.27[−2.77,3.30] 0.17 [1.55] 0.86 [4765.00]		1.39[−3.17,5.95] 0.60 [2.33] 0.55 [4765.00]	0.31[−2.73,3.34] 0.20 [1.55] 0.84 [4764.00]	−0.18[−3.31,2.95] −0.11 [1.60] 0.91 [4765.00]		1.39[−3.17,5.95] 0.60 [2.33] 0.55 [4765.00]	−0.15[−3.28,2.98] −0.09 [1.60] 0.92 [4764.00]
RaceContRespWhiteAmericanV_RacenamefChinese	1.94[−0.85,4.72] 1.36 [1.42] 0.17 [4765.00]		1.62[−2.57,5.82] 0.76 [2.14] 0.45 [4765.00]	1.98[−0.81,4.76] 1.39 [1.42] 0.16 [4764.00]	−0.71[−3.58,2.17] −0.48 [1.47] 0.63 [4765.00]		1.62[−2.57,5.82] 0.76 [2.14] 0.45 [4765.00]	−0.68[−3.56,2.20] −0.46 [1.47] 0.64 [4764.00]
RaceContRespNonAmWhiteV_RacenamefIndian	−0.17[−3.17,2.83] −0.11 [1.53] 0.91 [4765.00]		2.31[−2.19,6.81] 1.01 [2.30] 0.31 [4765.00]	−0.10[−3.10,2.90] −0.07 [1.53] 0.95 [4764.00]	−0.62[−3.71,2.47] −0.39 [1.58] 0.69 [4765.00]		2.31[−2.19,6.81] 1.01 [2.30] 0.31 [4765.00]	−0.57[−3.67,2.52] −0.36 [1.58] 0.72 [4764.00]
RaceContRespWhiteAmericanV_RacenamefIndian	0.52[−2.31,3.35] 0.36 [1.44] 0.72 [4765.00]		0.67[−3.57,4.92] 0.31 [2.16] 0.76 [4765.00]	0.55[−2.28,3.38] 0.38 [1.44] 0.70 [4764.00]	0.71[−2.21,3.63] 0.48 [1.49] 0.63 [4765.00]		0.67[−3.57,4.92] 0.31 [2.16] 0.76 [4765.00]	0.73[−2.19,3.65] 0.49 [1.49] 0.62 [4764.00]
V_ProductMorMorallyQuestionableV_RacenamefBlack	1.09[−1.93,4.11] 0.71 [1.54] 0.48 [4765.00]		−2.58[−7.07,1.91] −1.12 [2.29] 0.26 [4765.00]	1.05[−1.97,4.06] 0.68 [1.54] 0.50 [4764.00]	−0.55[−3.66,2.57] −0.34 [1.59] 0.73 [4765.00]		−2.58[−7.07,1.91] −1.12 [2.29] 0.26 [4765.00]	−0.57[−3.69,2.55] −0.36 [1.59] 0.72 [4764.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese	−2.08[−5.21,1.04] −1.31 [1.59] 0.19 [4765.00]		−2.83[−7.42,1.77] −1.20 [2.35] 0.23 [4765.00]	−2.13[−5.25,0.99] −1.34 [1.59] 0.18 [4764.00]	−2.33[−5.57,0.91] −1.41 [1.65] 0.16 [4765.00]		−2.83[−7.42,1.77] −1.20 [2.35] 0.23 [4765.00]	−2.36[−5.60,0.88] −1.43 [1.65] 0.15 [4764.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian	−1.93[−5.08,1.22] −1.20 [1.61] 0.23 [4765.00]		0.62[−4.00,5.25] 0.26 [2.36] 0.79 [4765.00]	−1.88[−5.04,1.27] −1.17 [1.61] 0.24 [4764.00]	0.50[−2.78,3.77] 0.30 [1.67] 0.77 [4765.00]		0.62[−4.00,5.25] 0.26 [2.36] 0.79 [4765.00]	0.53[−2.74,3.80] 0.32 [1.67] 0.75 [4764.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack	−0.86[−5.28,3.57] −0.38 [2.26] 0.70 [4765.00]		−0.24[−6.81,6.34] −0.07 [3.35] 0.94 [4765.00]	−0.88[−5.30,3.55] −0.39 [2.26] 0.70 [4764.00]	2.56[−2.02,7.14] 1.10 [2.34] 0.27 [4765.00]		−0.24[−6.81,6.34] −0.07 [3.35] 0.94 [4765.00]	2.54[−2.04,7.13] 1.09 [2.34] 0.28 [4764.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefBlack	−3.43[−7.58,0.71] −1.62 [2.11] 0.10 [4765.00]		3.96[−2.19,10.11] 1.26 [3.14] 0.21 [4765.00]	−3.36[−7.50,0.79] −1.59 [2.11] 0.11 [4764.00]	0.86[−3.42,5.15] 0.39 [2.19] 0.69 [4765.00]		3.96[−2.19,10.11] 1.26 [3.14] 0.21 [4765.00]	0.92[−3.37,5.21] 0.42 [2.19] 0.67 [4764.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese	3.44[−1.10,7.97] 1.49 [2.31] 0.14 [4765.00]		1.54[−5.14,8.23] 0.45 [3.41] 0.65 [4765.00]	3.45[−1.08,7.98] 1.49 [2.31] 0.14 [4764.00]	4.50[−0.20,9.20]+ 1.88 [2.40] 0.06 [4765.00]		1.54[−5.14,8.23] 0.45 [3.41] 0.65 [4765.00]	4.51[−0.19,9.21]+ 1.88 [2.40] 0.06 [4764.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefChinese	0.99[−3.22,5.21] 0.46 [2.15] 0.64 [4765.00]		3.14[−3.08,9.36] 0.99 [3.17] 0.32 [4765.00]	1.05[−3.17,5.26] 0.49 [2.15] 0.63 [4764.00]	4.20[−0.17,8.56]+ 1.88 [2.23] 0.06 [4765.00]		3.14[−3.08,9.36] 0.99 [3.17] 0.32 [4765.00]	4.23[−0.14,8.60]+ 1.90 [2.23] 0.06 [4764.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian	0.23[−4.31,4.77] 0.10 [2.32] 0.92 [4765.00]		−1.45[−8.14,5.23] −0.43 [3.41] 0.67 [4765.00]	0.16[−4.38,4.70] 0.07 [2.32] 0.94 [4764.00]	2.14[−2.57,6.85] 0.89 [2.40] 0.37 [4765.00]		−1.45[−8.14,5.23] −0.43 [3.41] 0.67 [4765.00]	2.08[−2.63,6.79] 0.87 [2.40] 0.39 [4764.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionableV_RacenamefIndian	0.55[−3.71,4.82] 0.25 [2.17] 0.80 [4765.00]		3.60[−2.67,9.87] 1.13 [3.20] 0.26 [4765.00]	0.60[−3.66,4.86] 0.28 [2.17] 0.78 [4764.00]	−0.26[−4.69,4.16] −0.12 [2.26] 0.91 [4765.00]		3.60[−2.67,9.87] 1.13 [3.20] 0.26 [4765.00]	−0.23[−4.66,4.19] −0.10 [2.26] 0.92 [4764.00]
MWOther_Self		−0.02[−0.04,0.00]* −2.06 [0.01] 0.04 [4788.00]		−0.02[−0.04,0.00]* −2.18 [0.01] 0.03 [4764.00]		−0.01[−0.03,0.01] −1.44 [0.01] 0.15 [4788.00]		−0.01[−0.03,0.01] −1.46 [0.01] 0.14 [4764.00]
SD (Intercept ID)	5.76	5.75	5.72	5.77	6.86	6.83	5.72	6.86
SD (Observations)	9.52	9.53	14.67	9.51	9.74	9.75	14.67	9.74
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.007	0.001	0.007	0.007	0.005	0.000	0.007	0.005
R2 Cond.	0.273	0.267	0.138	0.275	0.335	0.329	0.138	0.335
AIC	36017.2	36039.5	39802.8	36021.9	36379.3	36396.0	39802.8	36386.5
BIC	36192.0	36065.4	39977.6	36203.2	36554.1	36421.9	39977.6	36567.8
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.04	9.08	14.13	9.03	9.22	9.25	14.13	9.22

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.16: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	27.00	36037.33	36212.14	-17991.66	35983.33			
C2Path	28.00	36034.58	36215.86	-17989.29	35978.58	4.75	1	0.0293

Table 2.17: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	27.00	36401.46	36576.27	-18173.73	36347.46			
C2Path	28.00	36401.33	36582.61	-18172.66	36345.33	2.13	1	0.1442

2.3 H2b

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 2.18: Model H2b

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−6.44[−11.29,−1.59]** −2.60 [2.47] 0.01 [4737.00]	−2.66[−3.29,−2.04]*** −8.31 [0.32] 0.00 [4788.00]	−2.64[−3.27,−2.01]*** −8.22 [0.32] 0.00 [4788.00]	−2.60[−3.23,−1.96]*** −8.02 [0.32] 0.00 [4787.00]	−2.60[−3.23,−1.97]*** −8.04 [0.32] 0.00 [4786.00]	0.92[−2.37,4.21] 0.55 [1.68] 0.58 [4737.00]	3.00[−0.43,6.43]+ 1.71 [1.75] 0.09 [4737.00]	−6.41[−11.26,−1.56]** −2.59 [2.47] 0.01 [4736.00]	−6.33[−11.18,−1.48]* −2.56 [2.47] 0.01 [4736.00]	−6.33[−11.18,−1.49]* −2.56 [2.47] 0.01 [4735.00]	−6.31[−11.16,−1.46]* −2.55 [2.47] 0.01 [4734.00]
RaceContRespNonAmWhite	−1.20[−5.94,3.54] −0.50 [2.42] 0.62 [4737.00]					0.32[−2.95,3.60] 0.19 [1.67] 0.85 [4737.00]	2.10[−1.35,5.55] 1.19 [1.76] 0.23 [4737.00]	−1.19[−5.92,3.55] −0.49 [2.42] 0.62 [4736.00]	−1.13[−5.87,3.60] −0.47 [2.41] 0.64 [4736.00]	−1.14[−5.88,3.60] −0.47 [2.42] 0.64 [4735.00]	−1.15[−5.89,3.58] −0.48 [2.41] 0.63 [4734.00]
RaceContRespWhiteAmerican	−0.07[−4.55,4.40] −0.03 [2.28] 0.97 [4737.00]					−2.32[−5.42,0.77] −1.47 [1.58] 0.14 [4737.00]	0.55[−2.71,3.81] 0.33 [1.66] 0.74 [4737.00]	−0.16[−4.64,4.32] −0.07 [2.28] 0.94 [4736.00]	−0.06[−4.53,4.42] −0.03 [2.28] 0.98 [4736.00]	−0.13[−4.61,4.35] −0.06 [2.28] 0.95 [4735.00]	−0.12[−4.59,4.36] −0.05 [2.28] 0.96 [4734.00]
V_Productcigarettes	0.60[−3.93,5.13] 0.26 [2.31] 0.80 [4737.00]					−0.01[−3.05,3.03] 0.00 [1.55] 1.00 [4737.00]	0.85[−2.29,4.00] 0.53 [1.60] 0.60 [4737.00]	0.59[−3.94,5.12] 0.26 [2.31] 0.80 [4736.00]	0.61[−3.92,5.14] 0.27 [2.31] 0.79 [4736.00]	0.61[−3.92,5.14] 0.26 [2.31] 0.79 [4735.00]	0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4734.00]
V_Producthardwaresupplies	0.56[−4.05,5.18] 0.24 [2.35] 0.81 [4737.00]					−0.90[−4.00,2.19] −0.57 [1.58] 0.57 [4737.00]	1.86[−1.34,5.06] 1.14 [1.63] 0.25 [4737.00]	0.53[−4.09,5.14] 0.22 [2.35] 0.82 [4736.00]	0.62[−3.99,5.24] 0.26 [2.35] 0.79 [4736.00]	0.58[−4.04,5.19] 0.25 [2.35] 0.81 [4735.00]	0.53[−4.08,5.15] 0.23 [2.35] 0.82 [4734.00]
V_Producttoiletpaper	1.18[−3.32,5.67] 0.51 [2.29] 0.61 [4737.00]					0.52[−2.50,3.54] 0.34 [1.54] 0.73 [4737.00]	1.74[−1.38,4.86] 1.09 [1.59] 0.27 [4737.00]	1.21[−3.29,5.70] 0.53 [2.29] 0.60 [4736.00]	1.24[−3.26,5.73] 0.54 [2.29] 0.59 [4736.00]	1.24[−3.25,5.74] 0.54 [2.29] 0.59 [4735.00]	1.18[−3.31,5.67] 0.51 [2.29] 0.61 [4734.00]
V_RacenamefBlack	−1.63[−6.14,2.88] −0.71 [2.30] 0.48 [4737.00]					−1.47[−4.50,1.55] −0.95 [1.54] 0.34 [4737.00]	0.86[−2.27,3.99] 0.54 [1.60] 0.59 [4737.00]	−1.68[−6.19,2.83] −0.73 [2.30] 0.46 [4736.00]	−1.61[−6.12,2.90] −0.70 [2.30] 0.48 [4736.00]	−1.65[−6.16,2.86] −0.72 [2.30] 0.47 [4735.00]	−1.66[−6.17,2.85] −0.72 [2.30] 0.47 [4734.00]
V_RacenamefChinese	−1.29[−5.73,3.15] −0.57 [2.27] 0.57 [4737.00]					−1.91[−4.89,1.08] −1.25 [1.52] 0.21 [4737.00]	−0.24[−3.33,2.85] −0.15 [1.57] 0.88 [4737.00]	−1.37[−5.81,3.07] −0.60 [2.26] 0.55 [4736.00]	−1.31[−5.75,3.13] −0.58 [2.26] 0.56 [4736.00]	−1.37[−5.81,3.07] −0.60 [2.26] 0.55 [4735.00]	−1.35[−5.79,3.09] −0.60 [2.26] 0.55 [4734.00]
V_RacenamefIndian	−2.68[−7.40,2.04] −1.11 [2.41] 0.27 [4737.00]					−0.67[−3.84,2.49] −0.42 [1.62] 0.68 [4737.00]	−0.95[−4.23,2.32] −0.57 [1.67] 0.57 [4737.00]	−2.71[−7.43,2.01] −1.12 [2.41] 0.26 [4736.00]	−2.72[−7.44,2.00] −1.13 [2.41] 0.26 [4736.00]	−2.73[−7.45,1.99] −1.13 [2.41] 0.26 [4735.00]	−2.79[−7.51,1.93] −1.16 [2.41] 0.25 [4734.00]
V_Age	0.08[−0.01,0.16]+ 1.78 [0.04] 0.07 [4737.00]					0.06[0.01,0.12]* 2.15 [0.03] 0.03 [4737.00]	0.02[−0.04,0.07] 0.53 [0.03] 0.60 [4737.00]	0.08[−0.01,0.16]+ 1.84 [0.04] 0.07 [4736.00]	0.08[−0.01,0.16]+ 1.80 [0.04] 0.07 [4736.00]	0.08[−0.01,0.16]+ 1.84 [0.04] 0.07 [4735.00]	0.08[−0.01,0.16]+ 1.82 [0.04] 0.07 [4734.00]
V_Locationinthecity	−0.18[−1.29,0.93] −0.32 [0.56] 0.75 [4737.00]					−0.07[−0.81,0.68] −0.17 [0.38] 0.86 [4737.00]	−0.13[−0.90,0.63] −0.34 [0.39] 0.74 [4737.00]	−0.19[−1.30,0.92] −0.33 [0.56] 0.74 [4736.00]	−0.19[−1.30,0.92] −0.34 [0.56] 0.74 [4736.00]	−0.19[−1.30,0.91] −0.34 [0.56] 0.73 [4735.00]	−0.16[−1.27,0.94] −0.29 [0.57] 0.77 [4734.00]
V_Locationnearby	0.77[−0.35,1.89] 1.34 [0.57] 0.18 [4737.00]					0.09[−0.67,0.84] 0.22 [0.38] 0.82 [4737.00]	−0.10[−0.88,0.67] −0.26 [0.40] 0.79 [4737.00]	0.78[−0.35,1.90] 1.36 [0.57] 0.17 [4736.00]	0.77[−0.36,1.89] 1.34 [0.57] 0.18 [4736.00]	0.78[−0.35,1.90] 1.35 [0.57] 0.18 [4735.00]	0.80[−0.32,1.92] 1.40 [0.57] 0.16 [4734.00]
V_StoreTypedepartmentstore	0.77[−0.33,1.88] 1.37 [0.57] 0.17 [4737.00]					0.07[−0.67,0.81] 0.19 [0.38] 0.85 [4737.00]	−0.56[−1.33,0.20] −1.44 [0.39] 0.15 [4737.00]	0.78[−0.33,1.88] 1.37 [0.57] 0.17 [4736.00]	0.75[−0.36,1.86] 1.33 [0.57] 0.18 [4736.00]	0.76[−0.35,1.87] 1.34 [0.57] 0.18 [4735.00]	0.77[−0.34,1.88] 1.36 [0.57] 0.17 [4734.00]
V_StoreTypesupermarket	0.73[−0.38,1.84] 1.30 [0.57] 0.19 [4737.00]					0.10[−0.64,0.85] 0.27 [0.38] 0.79 [4737.00]	−0.21[−0.97,0.56] −0.53 [0.39] 0.60 [4737.00]	0.74[−0.37,1.85] 1.30 [0.57] 0.19 [4736.00]	0.72[−0.39,1.83] 1.27 [0.57] 0.20 [4736.00]	0.73[−0.38,1.84] 1.28 [0.57] 0.20 [4735.00]	0.73[−0.38,1.84] 1.29 [0.57] 0.20 [4734.00]
RaceContRespNonAmWhiteV_Productcigarettes	0.28[−6.29,6.84] 0.08 [3.35] 0.93 [4737.00]					1.04[−3.37,5.45] 0.46 [2.25] 0.64 [4737.00]	−3.20[−7.75,1.36] −1.38 [2.32] 0.17 [4737.00]	0.32[−6.25,6.88] 0.09 [3.35] 0.92 [4736.00]	0.18[−6.39,6.74] 0.05 [3.35] 0.96 [4736.00]	0.24[−6.33,6.80] 0.07 [3.35] 0.94 [4735.00]	0.23[−6.34,6.79] 0.07 [3.35] 0.95 [4734.00]
RaceContRespWhiteAmericanV_Productcigarettes	−2.25[−8.43,3.92] −0.72 [3.15] 0.47 [4737.00]					3.17[−0.97,7.32] 1.50 [2.11] 0.13 [4737.00]	0.73[−3.56,5.01] 0.33 [2.19] 0.74 [4737.00]	−2.14[−8.31,4.04] −0.68 [3.15] 0.50 [4736.00]	−2.21[−8.39,3.96] −0.70 [3.15] 0.48 [4736.00]	−2.13[−8.31,4.04] −0.68 [3.15] 0.50 [4735.00]	−2.19[−8.37,3.98] −0.70 [3.15] 0.49 [4734.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	1.17[−5.36,7.70] 0.35 [3.33] 0.73 [4737.00]					−0.52[−4.90,3.86] −0.23 [2.23] 0.82 [4737.00]	−4.77[−9.30,−0.24]* −2.07 [2.31] 0.04 [4737.00]	1.15[−5.37,7.68] 0.35 [3.33] 0.73 [4736.00]	1.01[−5.52,7.54] 0.30 [3.33] 0.76 [4736.00]	1.04[−5.49,7.57] 0.31 [3.33] 0.76 [4735.00]	1.01[−5.52,7.54] 0.30 [3.33] 0.76 [4734.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	1.52[−4.65,7.70] 0.48 [3.15] 0.63 [4737.00]					2.14[−2.01,6.28] 1.01 [2.11] 0.31 [4737.00]	−2.21[−6.49,2.08] −1.01 [2.18] 0.31 [4737.00]	1.61[−4.57,7.78] 0.51 [3.15] 0.61 [4736.00]	1.45[−4.73,7.62] 0.46 [3.15] 0.65 [4736.00]	1.53[−4.64,7.71] 0.49 [3.15] 0.63 [4735.00]	1.52[−4.66,7.69] 0.48 [3.15] 0.63 [4734.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	0.85[−5.65,7.36] 0.26 [3.32] 0.80 [4737.00]					−3.92[−8.29,0.44]+ −1.76 [2.23] 0.08 [4737.00]	−5.57[−10.09,−1.06]* −2.42 [2.30] 0.02 [4737.00]	0.69[−5.82,7.20] 0.21 [3.32] 0.84 [4736.00]	0.66[−5.85,7.17] 0.20 [3.32] 0.84 [4736.00]	0.59[−5.92,7.09] 0.18 [3.32] 0.86 [4735.00]	0.63[−5.88,7.14] 0.19 [3.32] 0.85 [4734.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	−3.73[−9.79,2.33] −1.21 [3.09] 0.23 [4737.00]					1.03[−3.04,5.09] 0.49 [2.07] 0.62 [4737.00]	−3.34[−7.54,0.87] −1.55 [2.14] 0.12 [4737.00]	−3.71[−9.77,2.35] −1.20 [3.09] 0.23 [4736.00]	−3.85[−9.91,2.21] −1.25 [3.09] 0.21 [4736.00]	−3.80[−9.86,2.26] −1.23 [3.09] 0.22 [4735.00]	−3.72[−9.78,2.34] −1.20 [3.09] 0.23 [4734.00]
RaceContRespNonAmWhiteV_RacenamefBlack	4.28[−2.19,10.75] 1.30 [3.30] 0.19 [4737.00]					3.16[−1.18,7.50] 1.43 [2.21] 0.15 [4737.00]	−2.59[−7.08,1.89] −1.13 [2.29] 0.26 [4737.00]	4.42[−2.05,10.89] 1.34 [3.30] 0.18 [4736.00]	4.20[−2.27,10.66] 1.27 [3.30] 0.20 [4736.00]	4.33[−2.15,10.80] 1.31 [3.30] 0.19 [4735.00]	4.35[−2.12,10.82] 1.32 [3.30] 0.19 [4734.00]
RaceContRespWhiteAmericanV_RacenamefBlack	2.25[−3.85,8.35] 0.72 [3.11] 0.47 [4737.00]					2.90[−1.19,6.99] 1.39 [2.09] 0.16 [4737.00]	−2.12[−6.35,2.11] −0.98 [2.16] 0.33 [4737.00]	2.34[−3.75,8.44] 0.75 [3.11] 0.45 [4736.00]	2.17[−3.93,8.26] 0.70 [3.11] 0.49 [4736.00]	2.26[−3.83,8.36] 0.73 [3.11] 0.47 [4735.00]	2.27[−3.83,8.36] 0.73 [3.11] 0.47 [4734.00]
RaceContRespNonAmWhiteV_RacenamefChinese	2.95[−3.74,9.64] 0.86 [3.41] 0.39 [4737.00]					1.30[−3.20,5.79] 0.57 [2.29] 0.57 [4737.00]	−1.88[−6.53,2.77] −0.79 [2.37] 0.43 [4737.00]	3.00[−3.69,9.69] 0.88 [3.41] 0.38 [4736.00]	2.90[−3.79,9.59] 0.85 [3.41] 0.40 [4736.00]	2.95[−3.74,9.65] 0.87 [3.41] 0.39 [4735.00]	2.93[−3.76,9.62] 0.86 [3.41] 0.39 [4734.00]
RaceContRespWhiteAmericanV_RacenamefChinese	2.28[−3.75,8.31] 0.74 [3.08] 0.46 [4737.00]					2.56[−1.49,6.61] 1.24 [2.07] 0.21 [4737.00]	−1.02[−5.21,3.16] −0.48 [2.14] 0.63 [4737.00]	2.38[−3.65,8.40] 0.77 [3.08] 0.44 [4736.00]	2.26[−3.77,8.28] 0.73 [3.07] 0.46 [4736.00]	2.34[−3.69,8.37] 0.76 [3.07] 0.45 [4735.00]	2.27[−3.76,8.30] 0.74 [3.08] 0.46 [4734.00]
RaceContRespNonAmWhiteV_RacenamefIndian	2.61[−3.92,9.14] 0.78 [3.33] 0.43 [4737.00]					−0.82[−5.20,3.56] −0.37 [2.23] 0.71 [4737.00]	−3.03[−7.55,1.50] −1.31 [2.31] 0.19 [4737.00]	2.57[−3.96,9.09] 0.77 [3.33] 0.44 [4736.00]	2.50[−4.03,9.03] 0.75 [3.33] 0.45 [4736.00]	2.50[−4.03,9.02] 0.75 [3.33] 0.45 [4735.00]	2.55[−3.98,9.08] 0.77 [3.33] 0.44 [4734.00]
RaceContRespWhiteAmericanV_RacenamefIndian	2.79[−3.52,9.10] 0.87 [3.22] 0.39 [4737.00]					1.61[−2.63,5.84] 0.74 [2.16] 0.46 [4737.00]	−1.34[−5.72,3.04] −0.60 [2.23] 0.55 [4737.00]	2.85[−3.46,9.16] 0.89 [3.22] 0.38 [4736.00]	2.75[−3.56,9.06] 0.86 [3.22] 0.39 [4736.00]	2.81[−3.50,9.12] 0.87 [3.22] 0.38 [4735.00]	2.86[−3.45,9.17] 0.89 [3.22] 0.37 [4734.00]
V_ProductcigarettesV_RacenamefBlack	−3.06[−9.44,3.32] −0.94 [3.25] 0.35 [4737.00]					2.66[−1.65,6.96] 1.21 [2.20] 0.23 [4737.00]	−1.43[−5.89,3.03] −0.63 [2.28] 0.53 [4737.00]	−2.95[−9.33,3.43] −0.91 [3.25] 0.36 [4736.00]	−3.10[−9.48,3.28] −0.95 [3.25] 0.34 [4736.00]	−3.01[−9.39,3.37] −0.92 [3.25] 0.36 [4735.00]	−3.05[−9.43,3.33] −0.94 [3.25] 0.35 [4734.00]
V_ProducthardwaresuppliesV_RacenamefBlack	1.96[−4.66,8.59] 0.58 [3.38] 0.56 [4737.00]					0.96[−3.53,5.46] 0.42 [2.29] 0.67 [4737.00]	−1.75[−6.41,2.91] −0.74 [2.38] 0.46 [4737.00]	1.99[−4.63,8.62] 0.59 [3.38] 0.56 [4736.00]	1.92[−4.70,8.54] 0.57 [3.38] 0.57 [4736.00]	1.96[−4.67,8.58] 0.58 [3.38] 0.56 [4735.00]	2.01[−4.62,8.63] 0.59 [3.38] 0.55 [4734.00]
V_ProducttoiletpaperV_RacenamefBlack	−0.52[−7.00,5.95] −0.16 [3.30] 0.87 [4737.00]					0.28[−4.09,4.66] 0.13 [2.23] 0.90 [4737.00]	−1.31[−5.84,3.22] −0.57 [2.31] 0.57 [4737.00]	−0.53[−7.01,5.94] −0.16 [3.30] 0.87 [4736.00]	−0.57[−7.04,5.90] −0.17 [3.30] 0.86 [4736.00]	−0.56[−7.04,5.91] −0.17 [3.30] 0.86 [4735.00]	−0.52[−6.99,5.96] −0.16 [3.30] 0.88 [4734.00]
V_ProductcigarettesV_RacenamefChinese	−3.07[−9.64,3.51] −0.91 [3.35] 0.36 [4737.00]					−1.36[−5.82,3.10] −0.60 [2.27] 0.55 [4737.00]	−1.48[−6.11,3.14] −0.63 [2.36] 0.53 [4737.00]	−3.11[−9.68,3.47] −0.93 [3.35] 0.35 [4736.00]	−3.07[−9.64,3.50] −0.92 [3.35] 0.36 [4736.00]	−3.10[−9.68,3.47] −0.93 [3.35] 0.35 [4735.00]	−3.16[−9.73,3.41] −0.94 [3.35] 0.35 [4734.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.28[−5.16,7.73] 0.39 [3.29] 0.70 [4737.00]					1.06[−3.30,5.42] 0.48 [2.22] 0.63 [4737.00]	−1.42[−5.94,3.09] −0.62 [2.30] 0.54 [4737.00]	1.33[−5.12,7.77] 0.40 [3.29] 0.69 [4736.00]	1.23[−5.21,7.67] 0.37 [3.29] 0.71 [4736.00]	1.28[−5.17,7.72] 0.39 [3.29] 0.70 [4735.00]	1.30[−5.14,7.74] 0.40 [3.29] 0.69 [4734.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.65[−8.06,4.76] −0.50 [3.27] 0.61 [4737.00]					−1.72[−6.06,2.63] −0.77 [2.22] 0.44 [4737.00]	−4.52[−9.03,−0.01]* −1.97 [2.30] 0.05 [4737.00]	−1.72[−8.13,4.69] −0.53 [3.27] 0.60 [4736.00]	−1.80[−8.20,4.61] −0.55 [3.27] 0.58 [4736.00]	−1.81[−8.22,4.60] −0.55 [3.27] 0.58 [4735.00]	−1.84[−8.24,4.57] −0.56 [3.27] 0.57 [4734.00]
V_ProductcigarettesV_RacenamefIndian	3.12[−3.47,9.71] 0.93 [3.36] 0.35 [4737.00]					0.11[−4.35,4.58] 0.05 [2.28] 0.96 [4737.00]	0.23[−4.40,4.85] 0.10 [2.36] 0.92 [4737.00]	3.13[−3.46,9.72] 0.93 [3.36] 0.35 [4736.00]	3.14[−3.45,9.72] 0.93 [3.36] 0.35 [4736.00]	3.14[−3.45,9.73] 0.93 [3.36] 0.35 [4735.00]	3.14[−3.45,9.72] 0.93 [3.36] 0.35 [4734.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.84[−3.74,9.41] 0.85 [3.35] 0.40 [4737.00]					1.67[−2.76,6.10] 0.74 [2.26] 0.46 [4737.00]	−1.04[−5.62,3.55] −0.44 [2.34] 0.66 [4737.00]	2.91[−3.67,9.48] 0.87 [3.35] 0.39 [4736.00]	2.81[−3.76,9.38] 0.84 [3.35] 0.40 [4736.00]	2.87[−3.70,9.44] 0.86 [3.35] 0.39 [4735.00]	3.00[−3.57,9.58] 0.90 [3.35] 0.37 [4734.00]
V_ProducttoiletpaperV_RacenamefIndian	1.05[−5.55,7.66] 0.31 [3.37] 0.75 [4737.00]					−2.22[−6.70,2.26] −0.97 [2.28] 0.33 [4737.00]	−0.25[−4.89,4.39] −0.10 [2.37] 0.92 [4737.00]	0.95[−5.66,7.55] 0.28 [3.37] 0.78 [4736.00]	1.04[−5.56,7.65] 0.31 [3.37] 0.76 [4736.00]	0.97[−5.64,7.57] 0.29 [3.37] 0.77 [4735.00]	1.11[−5.49,7.72] 0.33 [3.37] 0.74 [4734.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−0.38[−9.75,8.99] −0.08 [4.78] 0.94 [4737.00]					−6.23[−12.57,0.10]+ −1.93 [3.23] 0.05 [4737.00]	3.35[−3.22,9.91] 1.00 [3.35] 0.32 [4737.00]	−0.62[−9.99,8.75] −0.13 [4.78] 0.90 [4736.00]	−0.26[−9.63,9.11] −0.05 [4.78] 0.96 [4736.00]	−0.48[−9.86,8.89] −0.10 [4.78] 0.92 [4735.00]	−0.47[−9.84,8.90] −0.10 [4.78] 0.92 [4734.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	1.47[−7.30,10.24] 0.33 [4.47] 0.74 [4737.00]					−6.90[−12.82,−0.98]* −2.28 [3.02] 0.02 [4737.00]	0.95[−5.18,7.09] 0.30 [3.13] 0.76 [4737.00]	1.23[−7.54,10.00] 0.27 [4.47] 0.78 [4736.00]	1.53[−7.24,10.29] 0.34 [4.47] 0.73 [4736.00]	1.32[−7.45,10.09] 0.30 [4.47] 0.77 [4735.00]	1.36[−7.41,10.13] 0.30 [4.47] 0.76 [4734.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.79[−12.19,6.60] −0.58 [4.79] 0.56 [4737.00]					−2.84[−9.21,3.53] −0.87 [3.25] 0.38 [4737.00]	4.12[−2.49,10.72] 1.22 [3.37] 0.22 [4737.00]	−2.93[−12.32,6.46] −0.61 [4.79] 0.54 [4736.00]	−2.67[−12.06,6.73] −0.56 [4.79] 0.58 [4736.00]	−2.81[−12.20,6.59] −0.59 [4.79] 0.56 [4735.00]	−2.79[−12.18,6.60] −0.58 [4.79] 0.56 [4734.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−3.86[−12.76,5.05] −0.85 [4.54] 0.40 [4737.00]					−2.08[−8.11,3.96] −0.67 [3.08] 0.50 [4737.00]	1.87[−4.39,8.13] 0.58 [3.19] 0.56 [4737.00]	−3.92[−12.83,4.98] −0.86 [4.54] 0.39 [4736.00]	−3.79[−12.70,5.11] −0.84 [4.54] 0.40 [4736.00]	−3.86[−12.77,5.04] −0.85 [4.54] 0.40 [4735.00]	−3.86[−12.76,5.04] −0.85 [4.54] 0.40 [4734.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	−2.16[−11.62,7.30] −0.45 [4.82] 0.65 [4737.00]					1.51[−4.88,7.90] 0.46 [3.26] 0.64 [4737.00]	5.45[−1.17,12.07] 1.61 [3.38] 0.11 [4737.00]	−2.11[−11.57,7.34] −0.44 [4.82] 0.66 [4736.00]	−1.97[−11.43,7.49] −0.41 [4.82] 0.68 [4736.00]	−1.99[−11.45,7.47] −0.41 [4.82] 0.68 [4735.00]	−2.06[−11.52,7.40] −0.43 [4.82] 0.67 [4734.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	2.24[−6.52,10.99] 0.50 [4.47] 0.62 [4737.00]					−2.07[−7.99,3.85] −0.69 [3.02] 0.49 [4737.00]	2.63[−3.51,8.76] 0.84 [3.13] 0.40 [4737.00]	2.19[−6.56,10.95] 0.49 [4.47] 0.62 [4736.00]	2.34[−6.41,11.10] 0.53 [4.47] 0.60 [4736.00]	2.28[−6.47,11.04] 0.51 [4.47] 0.61 [4735.00]	2.18[−6.58,10.93] 0.49 [4.47] 0.63 [4734.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	1.92[−7.63,11.47] 0.39 [4.87] 0.69 [4737.00]					−0.29[−6.75,6.18] −0.09 [3.30] 0.93 [4737.00]	3.73[−2.96,10.43] 1.09 [3.42] 0.27 [4737.00]	1.90[−7.64,11.45] 0.39 [4.87] 0.70 [4736.00]	1.99[−7.56,11.53] 0.41 [4.87] 0.68 [4736.00]	1.96[−7.59,11.50] 0.40 [4.87] 0.69 [4735.00]	2.00[−7.55,11.54] 0.41 [4.87] 0.68 [4734.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	3.43[−5.41,12.27] 0.76 [4.51] 0.45 [4737.00]					−0.44[−6.43,5.55] −0.14 [3.06] 0.89 [4737.00]	0.15[−6.06,6.36] 0.05 [3.17] 0.96 [4737.00]	3.42[−5.42,12.26] 0.76 [4.51] 0.45 [4736.00]	3.38[−5.45,12.22] 0.75 [4.51] 0.45 [4736.00]	3.39[−5.45,12.23] 0.75 [4.51] 0.45 [4735.00]	3.53[−5.31,12.37] 0.78 [4.51] 0.43 [4734.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−3.22[−12.76,6.32] −0.66 [4.87] 0.51 [4737.00]					−1.82[−8.27,4.63] −0.55 [3.29] 0.58 [4737.00]	3.30[−3.38,9.98] 0.97 [3.41] 0.33 [4737.00]	−3.30[−12.84,6.24] −0.68 [4.87] 0.50 [4736.00]	−3.10[−12.64,6.44] −0.64 [4.87] 0.52 [4736.00]	−3.20[−12.74,6.34] −0.66 [4.87] 0.51 [4735.00]	−3.09[−12.63,6.45] −0.63 [4.87] 0.53 [4734.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−0.88[−9.71,7.95] −0.20 [4.50] 0.85 [4737.00]					−1.02[−6.99,4.96] −0.33 [3.05] 0.74 [4737.00]	0.37[−5.81,6.56] 0.12 [3.16] 0.91 [4737.00]	−0.91[−9.74,7.91] −0.20 [4.50] 0.84 [4736.00]	−0.86[−9.68,7.96] −0.19 [4.50] 0.85 [4736.00]	−0.89[−9.71,7.93] −0.20 [4.50] 0.84 [4735.00]	−0.81[−9.63,8.01] −0.18 [4.50] 0.86 [4734.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	−1.85[−11.33,7.64] −0.38 [4.84] 0.70 [4737.00]					4.94[−1.50,11.37] 1.50 [3.28] 0.13 [4737.00]	8.26[1.59,14.94]* 2.43 [3.40] 0.02 [4737.00]	−1.64[−11.13,7.85] −0.34 [4.84] 0.73 [4736.00]	−1.56[−11.05,7.92] −0.32 [4.84] 0.75 [4736.00]	−1.48[−10.97,8.01] −0.31 [4.84] 0.76 [4735.00]	−1.52[−11.01,7.97] −0.31 [4.84] 0.75 [4734.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	1.34[−7.40,10.08] 0.30 [4.46] 0.76 [4737.00]					0.94[−4.98,6.87] 0.31 [3.02] 0.75 [4737.00]	8.62[2.48,14.76]** 2.75 [3.13] 0.01 [4737.00]	1.40[−7.34,10.14] 0.31 [4.46] 0.75 [4736.00]	1.64[−7.10,10.39] 0.37 [4.46] 0.71 [4736.00]	1.60[−7.14,10.35] 0.36 [4.46] 0.72 [4735.00]	1.62[−7.12,10.37] 0.36 [4.46] 0.72 [4734.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−1.73[−11.22,7.75] −0.36 [4.84] 0.72 [4737.00]					−2.75[−9.18,3.68] −0.84 [3.28] 0.40 [4737.00]	2.29[−4.38,8.95] 0.67 [3.40] 0.50 [4737.00]	−1.84[−11.33,7.64] −0.38 [4.84] 0.70 [4736.00]	−1.64[−11.13,7.84] −0.34 [4.84] 0.73 [4736.00]	−1.75[−11.24,7.73] −0.36 [4.84] 0.72 [4735.00]	−1.74[−11.23,7.74] −0.36 [4.84] 0.72 [4734.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	1.00[−7.98,9.98] 0.22 [4.58] 0.83 [4737.00]					−2.34[−8.42,3.74] −0.76 [3.10] 0.45 [4737.00]	−0.17[−6.47,6.13] −0.05 [3.21] 0.96 [4737.00]	0.90[−8.08,9.87] 0.20 [4.58] 0.84 [4736.00]	0.96[−8.02,9.93] 0.21 [4.58] 0.83 [4736.00]	0.89[−8.09,9.86] 0.19 [4.58] 0.85 [4735.00]	0.86[−8.11,9.84] 0.19 [4.58] 0.85 [4734.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	0.20[−9.21,9.61] 0.04 [4.80] 0.97 [4737.00]					1.42[−4.94,7.77] 0.44 [3.24] 0.66 [4737.00]	4.72[−1.86,11.30] 1.41 [3.36] 0.16 [4737.00]	0.27[−9.14,9.68] 0.06 [4.80] 0.96 [4736.00]	0.37[−9.04,9.78] 0.08 [4.80] 0.94 [4736.00]	0.38[−9.03,9.79] 0.08 [4.80] 0.94 [4735.00]	0.41[−8.99,9.82] 0.09 [4.80] 0.93 [4734.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−3.96[−12.79,4.87] −0.88 [4.50] 0.38 [4737.00]					−2.14[−8.10,3.82] −0.70 [3.04] 0.48 [4737.00]	3.81[−2.36,9.98] 1.21 [3.15] 0.23 [4737.00]	−4.05[−12.88,4.78] −0.90 [4.50] 0.37 [4736.00]	−3.84[−12.66,4.99] −0.85 [4.50] 0.39 [4736.00]	−3.94[−12.77,4.89] −0.87 [4.50] 0.38 [4735.00]	−4.06[−12.89,4.78] −0.90 [4.50] 0.37 [4734.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	−1.45[−10.85,7.94] −0.30 [4.79] 0.76 [4737.00]					4.60[−1.77,10.96] 1.42 [3.25] 0.16 [4737.00]	6.54[−0.06,13.14]+ 1.94 [3.37] 0.05 [4737.00]	−1.24[−10.64,8.15] −0.26 [4.79] 0.80 [4736.00]	−1.22[−10.61,8.18] −0.25 [4.79] 0.80 [4736.00]	−1.12[−10.52,8.28] −0.23 [4.79] 0.82 [4735.00]	−1.23[−10.63,8.16] −0.26 [4.79] 0.80 [4734.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	1.90[−7.03,10.83] 0.42 [4.55] 0.68 [4737.00]					1.20[−4.84,7.25] 0.39 [3.08] 0.70 [4737.00]	3.61[−2.65,9.88] 1.13 [3.20] 0.26 [4737.00]	1.97[−6.96,10.90] 0.43 [4.55] 0.67 [4736.00]	2.03[−6.90,10.95] 0.44 [4.55] 0.66 [4736.00]	2.05[−6.88,10.97] 0.45 [4.55] 0.65 [4735.00]	1.87[−7.06,10.80] 0.41 [4.55] 0.68 [4734.00]
CCOther_Self		−0.04[−0.08,0.01]+ −1.72 [0.02] 0.09 [4788.00]		−0.03[−0.07,0.02] −1.20 [0.02] 0.23 [4787.00]	−0.04[−0.08,0.01] −1.53 [0.02] 0.13 [4786.00]			−0.04[−0.08,0.00]+ −1.90 [0.02] 0.06 [4736.00]		−0.03[−0.08,0.01] −1.42 [0.02] 0.16 [4735.00]	−0.04[−0.09,0.00]+ −1.78 [0.02] 0.07 [4734.00]
TCOther_Self			−0.04[−0.08,0.00]+ −1.81 [0.02] 0.07 [4788.00]	−0.03[−0.07,0.01] −1.32 [0.02] 0.19 [4787.00]	−0.04[−0.08,0.01]+ −1.65 [0.02] 0.10 [4786.00]				−0.04[−0.08,0.00]+ −1.73 [0.02] 0.08 [4736.00]	−0.03[−0.07,0.02] −1.18 [0.02] 0.24 [4735.00]	−0.04[−0.08,0.01] −1.57 [0.02] 0.12 [4734.00]
CCOther_SelfTCOther_Self					0.00[0.00,0.00] 1.16 [0.00] 0.25 [4786.00]						0.00[0.00,0.00] 1.28 [0.00] 0.20 [4734.00]
SD (Intercept ID)	5.75	5.72	5.68	5.70	5.69	5.76	6.86	5.78	5.74	5.76	5.75
SD (Observations)	14.67	14.69	14.70	14.69	14.70	9.52	9.75	14.66	14.67	14.67	14.67
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.012	0.001	0.001	0.001	0.001	0.011	0.009	0.013	0.013	0.013	0.014
R2 Cond.	0.144	0.132	0.131	0.132	0.131	0.276	0.337	0.146	0.144	0.145	0.145
AIC	39748.0	39841.7	39841.5	39847.8	39860.7	35986.4	36346.4	39752.3	39753.0	39758.7	39771.3
BIC	40104.1	39867.6	39867.4	39880.2	39899.5	36342.5	36702.5	40114.8	40115.5	40127.8	40146.8
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.08	14.18	14.19	14.18	14.18	9.02	9.20	14.07	14.08	14.07	14.07

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.19: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	39871.48	40227.58	-19880.74	39761.48			
C2Path	56.00	39869.85	40232.42	-19878.92	39757.85	3.63	1	0.0568

Table 2.20: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	39871.48	40227.58	-19880.74	39761.48			
C2Path	56.00	39870.44	40233.02	-19879.22	39758.44	3.03	1	0.0815

Table 2.21: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	39871.48	40227.58	-19880.74	39761.48			
C2Path	57.00	39870.43	40239.48	-19878.22	39756.43	5.05	2	0.0802

Table 2.22: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	55.00	39871.48	40227.58	-19880.74	39761.48			
C2Path	57.00	39870.43	40239.48	-19878.22	39756.43	5.05	2	0.0802

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 2.23: Model H2b-2

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−2.63[−5.99,0.73] −1.54 [1.71] 0.12 [4742.00]	−2.66[−3.29,−2.04]*** −8.31 [0.32] 0.00 [4788.00]	−2.64[−3.27,−2.01]*** −8.22 [0.32] 0.00 [4788.00]	−2.60[−3.23,−1.96]*** −8.02 [0.32] 0.00 [4787.00]	−3.28[−4.39,−2.17]*** −5.78 [0.57] 0.00 [4778.00]	3.47[1.15,5.80]** 2.93 [1.18] 0.00 [4742.00]	3.29[0.84,5.73]** 2.64 [1.25] 0.01 [4742.00]	−2.50[−5.86,0.87] −1.46 [1.72] 0.15 [4741.00]	−2.51[−5.87,0.86] −1.46 [1.72] 0.14 [4741.00]	−2.44[−5.80,0.93] −1.42 [1.72] 0.16 [4740.00]	−2.42[−5.79,0.94] −1.41 [1.72] 0.16 [4739.00]
RaceContRespNonAmWhite	−1.18[−5.91,3.55] −0.49 [2.41] 0.63 [4742.00]				1.24[−0.37,2.86] 1.51 [0.82] 0.13 [4778.00]	0.31[−2.97,3.58] 0.18 [1.67] 0.85 [4742.00]	2.01[−1.43,5.46] 1.15 [1.76] 0.25 [4742.00]	−1.17[−5.90,3.57] −0.48 [2.41] 0.63 [4741.00]	−1.11[−5.84,3.62] −0.46 [2.41] 0.64 [4741.00]	−1.12[−5.85,3.61] −0.46 [2.41] 0.64 [4740.00]	−1.13[−5.86,3.60] −0.47 [2.41] 0.64 [4739.00]
RaceContRespWhiteAmerican	0.00[−4.48,4.47] 0.00 [2.28] 1.00 [4742.00]				0.82[−0.69,2.33] 1.06 [0.77] 0.29 [4778.00]	−2.26[−5.36,0.83] −1.43 [1.58] 0.15 [4742.00]	0.58[−2.68,3.83] 0.35 [1.66] 0.73 [4742.00]	−0.08[−4.56,4.39] −0.04 [2.28] 0.97 [4741.00]	0.01[−4.46,4.49] 0.01 [2.28] 1.00 [4741.00]	−0.05[−4.53,4.42] −0.02 [2.28] 0.98 [4740.00]	−0.04[−4.52,4.44] −0.02 [2.28] 0.99 [4739.00]
V_Productcigarettes	0.59[−3.94,5.12] 0.26 [2.31] 0.80 [4742.00]					−0.02[−3.06,3.02] −0.02 [1.55] 0.99 [4742.00]	0.87[−2.27,4.01] 0.54 [1.60] 0.59 [4742.00]	0.59[−3.94,5.12] 0.25 [2.31] 0.80 [4741.00]	0.61[−3.92,5.14] 0.26 [2.31] 0.79 [4741.00]	0.60[−3.93,5.13] 0.26 [2.31] 0.80 [4740.00]	0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4739.00]
V_Producthardwaresupplies	0.72[−3.89,5.34] 0.31 [2.35] 0.76 [4742.00]					−0.83[−3.92,2.26] −0.53 [1.58] 0.60 [4742.00]	1.88[−1.32,5.08] 1.15 [1.63] 0.25 [4742.00]	0.69[−3.92,5.31] 0.29 [2.35] 0.77 [4741.00]	0.78[−3.83,5.40] 0.33 [2.35] 0.74 [4741.00]	0.74[−3.87,5.36] 0.32 [2.35] 0.75 [4740.00]	0.70[−3.91,5.32] 0.30 [2.35] 0.77 [4739.00]
V_Producttoiletpaper	1.05[−3.44,5.54] 0.46 [2.29] 0.65 [4742.00]					0.47[−2.54,3.49] 0.31 [1.54] 0.76 [4742.00]	1.75[−1.36,4.87] 1.10 [1.59] 0.27 [4742.00]	1.07[−3.42,5.57] 0.47 [2.29] 0.64 [4741.00]	1.11[−3.39,5.60] 0.48 [2.29] 0.63 [4741.00]	1.11[−3.38,5.60] 0.48 [2.29] 0.63 [4740.00]	1.05[−3.44,5.54] 0.46 [2.29] 0.65 [4739.00]
V_RacenamefBlack	−1.76[−6.27,2.75] −0.77 [2.30] 0.44 [4742.00]					−1.54[−4.56,1.49] −1.00 [1.54] 0.32 [4742.00]	0.82[−2.30,3.94] 0.51 [1.59] 0.61 [4742.00]	−1.81[−6.32,2.69] −0.79 [2.30] 0.43 [4741.00]	−1.74[−6.25,2.77] −0.76 [2.30] 0.45 [4741.00]	−1.79[−6.29,2.72] −0.78 [2.30] 0.44 [4740.00]	−1.79[−6.29,2.72] −0.78 [2.30] 0.44 [4739.00]
V_RacenamefChinese	−1.27[−5.71,3.17] −0.56 [2.26] 0.58 [4742.00]					−1.86[−4.84,1.12] −1.22 [1.52] 0.22 [4742.00]	−0.22[−3.30,2.86] −0.14 [1.57] 0.89 [4742.00]	−1.34[−5.78,3.10] −0.59 [2.26] 0.55 [4741.00]	−1.29[−5.73,3.15] −0.57 [2.26] 0.57 [4741.00]	−1.34[−5.78,3.10] −0.59 [2.26] 0.55 [4740.00]	−1.33[−5.77,3.11] −0.59 [2.26] 0.56 [4739.00]
V_RacenamefIndian	−2.79[−7.51,1.93] −1.16 [2.41] 0.25 [4742.00]					−0.76[−3.92,2.40] −0.47 [1.61] 0.64 [4742.00]	−0.98[−4.24,2.29] −0.59 [1.67] 0.56 [4742.00]	−2.82[−7.54,1.90] −1.17 [2.41] 0.24 [4741.00]	−2.83[−7.55,1.88] −1.18 [2.41] 0.24 [4741.00]	−2.84[−7.56,1.87] −1.18 [2.41] 0.24 [4740.00]	−2.90[−7.61,1.82] −1.20 [2.41] 0.23 [4739.00]
RaceContRespNonAmWhiteV_Productcigarettes	0.25[−6.31,6.82] 0.07 [3.35] 0.94 [4742.00]					1.09[−3.32,5.49] 0.48 [2.25] 0.63 [4742.00]	−3.18[−7.73,1.37] −1.37 [2.32] 0.17 [4742.00]	0.29[−6.27,6.85] 0.09 [3.35] 0.93 [4741.00]	0.15[−6.41,6.72] 0.05 [3.35] 0.96 [4741.00]	0.21[−6.36,6.77] 0.06 [3.35] 0.95 [4740.00]	0.19[−6.37,6.76] 0.06 [3.35] 0.95 [4739.00]
RaceContRespWhiteAmericanV_Productcigarettes	−2.46[−8.63,3.72] −0.78 [3.15] 0.44 [4742.00]					3.08[−1.06,7.22] 1.46 [2.11] 0.15 [4742.00]	0.71[−3.57,4.99] 0.33 [2.18] 0.75 [4742.00]	−2.35[−8.53,3.83] −0.75 [3.15] 0.46 [4741.00]	−2.42[−8.59,3.76] −0.77 [3.15] 0.44 [4741.00]	−2.35[−8.52,3.83] −0.74 [3.15] 0.46 [4740.00]	−2.41[−8.58,3.77] −0.76 [3.15] 0.44 [4739.00]
RaceContRespNonAmWhiteV_Producthardwaresupplies	1.01[−5.51,7.54] 0.30 [3.33] 0.76 [4742.00]					−0.53[−4.90,3.85] −0.24 [2.23] 0.81 [4742.00]	−4.66[−9.18,−0.14]* −2.02 [2.31] 0.04 [4742.00]	1.00[−5.53,7.52] 0.30 [3.33] 0.76 [4741.00]	0.85[−5.67,7.38] 0.26 [3.33] 0.80 [4741.00]	0.88[−5.64,7.41] 0.27 [3.33] 0.79 [4740.00]	0.85[−5.68,7.37] 0.25 [3.33] 0.80 [4739.00]
RaceContRespWhiteAmericanV_Producthardwaresupplies	1.43[−4.74,7.61] 0.46 [3.15] 0.65 [4742.00]					2.02[−2.12,6.16] 0.96 [2.11] 0.34 [4742.00]	−2.25[−6.53,2.03] −1.03 [2.18] 0.30 [4742.00]	1.51[−4.67,7.68] 0.48 [3.15] 0.63 [4741.00]	1.36[−4.82,7.53] 0.43 [3.15] 0.67 [4741.00]	1.43[−4.74,7.61] 0.45 [3.15] 0.65 [4740.00]	1.42[−4.76,7.59] 0.45 [3.15] 0.65 [4739.00]
RaceContRespNonAmWhiteV_Producttoiletpaper	0.69[−5.81,7.19] 0.21 [3.31] 0.83 [4742.00]					−4.00[−8.36,0.36]+ −1.80 [2.22] 0.07 [4742.00]	−5.53[−10.04,−1.02]* −2.40 [2.30] 0.02 [4742.00]	0.53[−5.97,7.03] 0.16 [3.32] 0.87 [4741.00]	0.50[−6.00,7.00] 0.15 [3.32] 0.88 [4741.00]	0.43[−6.07,6.93] 0.13 [3.32] 0.90 [4740.00]	0.46[−6.04,6.96] 0.14 [3.32] 0.89 [4739.00]
RaceContRespWhiteAmericanV_Producttoiletpaper	−3.74[−9.79,2.32] −1.21 [3.09] 0.23 [4742.00]					1.05[−3.01,5.11] 0.51 [2.07] 0.61 [4742.00]	−3.31[−7.51,0.88] −1.55 [2.14] 0.12 [4742.00]	−3.71[−9.76,2.33] −1.20 [3.09] 0.23 [4741.00]	−3.85[−9.91,2.20] −1.25 [3.09] 0.21 [4741.00]	−3.81[−9.86,2.24] −1.23 [3.09] 0.22 [4740.00]	−3.74[−9.79,2.31] −1.21 [3.09] 0.23 [4739.00]
RaceContRespNonAmWhiteV_RacenamefBlack	4.27[−2.20,10.74] 1.29 [3.30] 0.20 [4742.00]					3.19[−1.15,7.52] 1.44 [2.21] 0.15 [4742.00]	−2.53[−7.01,1.95] −1.11 [2.29] 0.27 [4742.00]	4.40[−2.07,10.87] 1.33 [3.30] 0.18 [4741.00]	4.19[−2.28,10.65] 1.27 [3.30] 0.20 [4741.00]	4.31[−2.16,10.78] 1.31 [3.30] 0.19 [4740.00]	4.32[−2.15,10.80] 1.31 [3.30] 0.19 [4739.00]
RaceContRespWhiteAmericanV_RacenamefBlack	2.10[−4.00,8.19] 0.67 [3.11] 0.50 [4742.00]					2.81[−1.27,6.90] 1.35 [2.08] 0.18 [4742.00]	−2.11[−6.34,2.11] −0.98 [2.15] 0.33 [4742.00]	2.18[−3.91,8.28] 0.70 [3.11] 0.48 [4741.00]	2.01[−4.08,8.11] 0.65 [3.11] 0.52 [4741.00]	2.10[−4.00,8.19] 0.67 [3.11] 0.50 [4740.00]	2.10[−4.00,8.19] 0.67 [3.11] 0.50 [4739.00]
RaceContRespNonAmWhiteV_RacenamefChinese	2.92[−3.76,9.61] 0.86 [3.41] 0.39 [4742.00]					1.24[−3.25,5.73] 0.54 [2.29] 0.59 [4742.00]	−1.82[−6.46,2.82] −0.77 [2.37] 0.44 [4742.00]	2.97[−3.71,9.66] 0.87 [3.41] 0.38 [4741.00]	2.88[−3.81,9.56] 0.84 [3.41] 0.40 [4741.00]	2.93[−3.76,9.61] 0.86 [3.41] 0.39 [4740.00]	2.90[−3.79,9.58] 0.85 [3.41] 0.40 [4739.00]
RaceContRespWhiteAmericanV_RacenamefChinese	2.09[−3.94,8.11] 0.68 [3.07] 0.50 [4742.00]					2.47[−1.58,6.51] 1.20 [2.06] 0.23 [4742.00]	−1.06[−5.24,3.12] −0.50 [2.13] 0.62 [4742.00]	2.17[−3.85,8.19] 0.71 [3.07] 0.48 [4741.00]	2.06[−3.96,8.08] 0.67 [3.07] 0.50 [4741.00]	2.13[−3.89,8.15] 0.69 [3.07] 0.49 [4740.00]	2.06[−3.96,8.08] 0.67 [3.07] 0.50 [4739.00]
RaceContRespNonAmWhiteV_RacenamefIndian	2.63[−3.89,9.15] 0.79 [3.33] 0.43 [4742.00]					−0.77[−5.15,3.60] −0.35 [2.23] 0.73 [4742.00]	−2.91[−7.43,1.61] −1.26 [2.31] 0.21 [4742.00]	2.59[−3.93,9.11] 0.78 [3.33] 0.44 [4741.00]	2.53[−3.99,9.05] 0.76 [3.33] 0.45 [4741.00]	2.52[−4.00,9.05] 0.76 [3.33] 0.45 [4740.00]	2.57[−3.95,9.09] 0.77 [3.33] 0.44 [4739.00]
RaceContRespWhiteAmericanV_RacenamefIndian	2.78[−3.52,9.08] 0.87 [3.21] 0.39 [4742.00]					1.63[−2.59,5.85] 0.76 [2.15] 0.45 [4742.00]	−1.30[−5.67,3.06] −0.59 [2.23] 0.56 [4742.00]	2.84[−3.46,9.14] 0.88 [3.21] 0.38 [4741.00]	2.75[−3.55,9.05] 0.86 [3.21] 0.39 [4741.00]	2.80[−3.50,9.10] 0.87 [3.21] 0.38 [4740.00]	2.84[−3.46,9.14] 0.89 [3.21] 0.38 [4739.00]
V_ProductcigarettesV_RacenamefBlack	−3.02[−9.40,3.36] −0.93 [3.25] 0.35 [4742.00]					2.70[−1.60,7.01] 1.23 [2.20] 0.22 [4742.00]	−1.39[−5.85,3.06] −0.61 [2.27] 0.54 [4742.00]	−2.92[−9.30,3.46] −0.90 [3.25] 0.37 [4741.00]	−3.06[−9.43,3.32] −0.94 [3.25] 0.35 [4741.00]	−2.97[−9.35,3.41] −0.91 [3.25] 0.36 [4740.00]	−3.02[−9.40,3.36] −0.93 [3.25] 0.35 [4739.00]
V_ProducthardwaresuppliesV_RacenamefBlack	1.62[−4.99,8.23] 0.48 [3.37] 0.63 [4742.00]					0.88[−3.61,5.36] 0.38 [2.29] 0.70 [4742.00]	−1.67[−6.32,2.98] −0.70 [2.37] 0.48 [4742.00]	1.65[−4.97,8.26] 0.49 [3.37] 0.63 [4741.00]	1.59[−5.03,8.20] 0.47 [3.37] 0.64 [4741.00]	1.61[−5.00,8.23] 0.48 [3.37] 0.63 [4740.00]	1.66[−4.95,8.27] 0.49 [3.37] 0.62 [4739.00]
V_ProducttoiletpaperV_RacenamefBlack	−0.25[−6.72,6.22] −0.08 [3.30] 0.94 [4742.00]					0.42[−3.95,4.80] 0.19 [2.23] 0.85 [4742.00]	−1.27[−5.80,3.26] −0.55 [2.31] 0.58 [4742.00]	−0.25[−6.72,6.22] −0.08 [3.30] 0.94 [4741.00]	−0.29[−6.76,6.18] −0.09 [3.30] 0.93 [4741.00]	−0.28[−6.75,6.19] −0.09 [3.30] 0.93 [4740.00]	−0.24[−6.71,6.23] −0.07 [3.30] 0.94 [4739.00]
V_ProductcigarettesV_RacenamefChinese	−3.20[−9.77,3.37] −0.95 [3.35] 0.34 [4742.00]					−1.46[−5.91,3.00] −0.64 [2.27] 0.52 [4742.00]	−1.58[−6.20,3.04] −0.67 [2.36] 0.50 [4742.00]	−3.25[−9.82,3.33] −0.97 [3.35] 0.33 [4741.00]	−3.21[−9.78,3.36] −0.96 [3.35] 0.34 [4741.00]	−3.24[−9.81,3.33] −0.97 [3.35] 0.33 [4740.00]	−3.30[−9.87,3.27] −0.98 [3.35] 0.33 [4739.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.06[−5.37,7.50] 0.32 [3.28] 0.75 [4742.00]					0.88[−3.47,5.24] 0.40 [2.22] 0.69 [4742.00]	−1.48[−5.99,3.03] −0.64 [2.30] 0.52 [4742.00]	1.10[−5.34,7.54] 0.33 [3.28] 0.74 [4741.00]	1.01[−5.43,7.45] 0.31 [3.28] 0.76 [4741.00]	1.05[−5.39,7.49] 0.32 [3.28] 0.75 [4740.00]	1.07[−5.37,7.50] 0.32 [3.28] 0.75 [4739.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.56[−7.96,4.84] −0.48 [3.27] 0.63 [4742.00]					−1.74[−6.08,2.60] −0.79 [2.22] 0.43 [4742.00]	−4.55[−9.05,−0.04]* −1.98 [2.30] 0.05 [4742.00]	−1.63[−8.03,4.77] −0.50 [3.27] 0.62 [4741.00]	−1.71[−8.11,4.69] −0.52 [3.27] 0.60 [4741.00]	−1.72[−8.12,4.68] −0.53 [3.27] 0.60 [4740.00]	−1.75[−8.15,4.65] −0.54 [3.27] 0.59 [4739.00]
V_ProductcigarettesV_RacenamefIndian	3.34[−3.24,9.93] 1.00 [3.36] 0.32 [4742.00]					0.26[−4.20,4.72] 0.12 [2.27] 0.91 [4742.00]	0.27[−4.35,4.89] 0.11 [2.36] 0.91 [4742.00]	3.36[−3.22,9.94] 1.00 [3.36] 0.32 [4741.00]	3.36[−3.22,9.94] 1.00 [3.36] 0.32 [4741.00]	3.37[−3.21,9.95] 1.00 [3.36] 0.32 [4740.00]	3.36[−3.22,9.94] 1.00 [3.36] 0.32 [4739.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.83[−3.74,9.39] 0.84 [3.35] 0.40 [4742.00]					1.74[−2.69,6.16] 0.77 [2.26] 0.44 [4742.00]	−0.98[−5.55,3.60] −0.42 [2.33] 0.68 [4742.00]	2.89[−3.67,9.46] 0.86 [3.35] 0.39 [4741.00]	2.81[−3.76,9.37] 0.84 [3.35] 0.40 [4741.00]	2.86[−3.70,9.43] 0.85 [3.35] 0.39 [4740.00]	2.98[−3.58,9.55] 0.89 [3.35] 0.37 [4739.00]
V_ProducttoiletpaperV_RacenamefIndian	1.24[−5.35,7.84] 0.37 [3.36] 0.71 [4742.00]					−2.11[−6.57,2.36] −0.92 [2.28] 0.36 [4742.00]	−0.27[−4.90,4.37] −0.11 [2.36] 0.91 [4742.00]	1.15[−5.45,7.75] 0.34 [3.36] 0.73 [4741.00]	1.24[−5.36,7.83] 0.37 [3.36] 0.71 [4741.00]	1.17[−5.43,7.76] 0.35 [3.36] 0.73 [4740.00]	1.31[−5.29,7.91] 0.39 [3.37] 0.70 [4739.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefBlack	−0.42[−9.78,8.94] −0.09 [4.78] 0.93 [4742.00]					−6.37[−12.70,−0.05]* −1.97 [3.23] 0.05 [4742.00]	3.32[−3.23,9.88] 0.99 [3.34] 0.32 [4742.00]	−0.65[−10.02,8.71] −0.14 [4.78] 0.89 [4741.00]	−0.30[−9.66,9.06] −0.06 [4.77] 0.95 [4741.00]	−0.52[−9.88,8.85] −0.11 [4.78] 0.91 [4740.00]	−0.49[−9.86,8.87] −0.10 [4.78] 0.92 [4739.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefBlack	1.85[−6.92,10.61] 0.41 [4.47] 0.68 [4742.00]					−6.78[−12.70,−0.86]* −2.25 [3.02] 0.02 [4742.00]	0.88[−5.25,7.01] 0.28 [3.13] 0.78 [4742.00]	1.62[−7.15,10.39] 0.36 [4.47] 0.72 [4741.00]	1.90[−6.86,10.66] 0.43 [4.47] 0.67 [4741.00]	1.71[−7.05,10.48] 0.38 [4.47] 0.70 [4740.00]	1.76[−7.01,10.52] 0.39 [4.47] 0.69 [4739.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.23[−11.61,7.15] −0.47 [4.78] 0.64 [4742.00]					−2.79[−9.15,3.58] −0.86 [3.24] 0.39 [4742.00]	3.91[−2.69,10.50] 1.16 [3.36] 0.25 [4742.00]	−2.36[−11.74,7.02] −0.49 [4.78] 0.62 [4741.00]	−2.11[−11.49,7.27] −0.44 [4.78] 0.66 [4741.00]	−2.24[−11.62,7.14] −0.47 [4.78] 0.64 [4740.00]	−2.21[−11.59,7.17] −0.46 [4.78] 0.64 [4739.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefBlack	−3.55[−12.45,5.36] −0.78 [4.54] 0.43 [4742.00]					−1.88[−7.91,4.15] −0.61 [3.08] 0.54 [4742.00]	1.90[−4.35,8.16] 0.60 [3.19] 0.55 [4742.00]	−3.60[−12.51,5.30] −0.79 [4.54] 0.43 [4741.00]	−3.48[−12.38,5.42] −0.77 [4.54] 0.44 [4741.00]	−3.54[−12.44,5.36] −0.78 [4.54] 0.44 [4740.00]	−3.54[−12.44,5.36] −0.78 [4.54] 0.44 [4739.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	−2.09[−11.54,7.36] −0.43 [4.82] 0.66 [4742.00]					1.54[−4.84,7.93] 0.47 [3.26] 0.64 [4742.00]	5.48[−1.14,12.09] 1.62 [3.37] 0.10 [4742.00]	−2.04[−11.50,7.41] −0.42 [4.82] 0.67 [4741.00]	−1.90[−11.35,7.55] −0.39 [4.82] 0.69 [4741.00]	−1.92[−11.37,7.54] −0.40 [4.82] 0.69 [4740.00]	−1.98[−11.43,7.47] −0.41 [4.82] 0.68 [4739.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefBlack	2.22[−6.53,10.96] 0.50 [4.46] 0.62 [4742.00]					−2.13[−8.05,3.78] −0.71 [3.02] 0.48 [4742.00]	2.56[−3.57,8.68] 0.82 [3.13] 0.41 [4742.00]	2.17[−6.57,10.92] 0.49 [4.46] 0.63 [4741.00]	2.32[−6.42,11.07] 0.52 [4.46] 0.60 [4741.00]	2.26[−6.48,11.01] 0.51 [4.46] 0.61 [4740.00]	2.17[−6.58,10.92] 0.49 [4.46] 0.63 [4739.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefChinese	1.93[−7.62,11.47] 0.40 [4.87] 0.69 [4742.00]					−0.31[−6.76,6.15] −0.09 [3.29] 0.93 [4742.00]	3.78[−2.91,10.47] 1.11 [3.41] 0.27 [4742.00]	1.91[−7.63,11.46] 0.39 [4.87] 0.69 [4741.00]	2.00[−7.55,11.54] 0.41 [4.87] 0.68 [4741.00]	1.97[−7.58,11.51] 0.40 [4.87] 0.69 [4740.00]	2.01[−7.53,11.56] 0.41 [4.87] 0.68 [4739.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefChinese	3.73[−5.09,12.56] 0.83 [4.50] 0.41 [4742.00]					−0.27[−6.25,5.71] −0.09 [3.05] 0.93 [4742.00]	0.33[−5.86,6.52] 0.10 [3.16] 0.92 [4742.00]	3.74[−5.09,12.56] 0.83 [4.50] 0.41 [4741.00]	3.70[−5.13,12.52] 0.82 [4.50] 0.41 [4741.00]	3.71[−5.11,12.53] 0.82 [4.50] 0.41 [4740.00]	3.85[−4.97,12.68] 0.86 [4.50] 0.39 [4739.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−3.16[−12.70,6.38] −0.65 [4.86] 0.52 [4742.00]					−1.70[−8.14,4.75] −0.52 [3.29] 0.61 [4742.00]	3.30[−3.38,9.97] 0.97 [3.40] 0.33 [4742.00]	−3.23[−12.77,6.31] −0.66 [4.86] 0.51 [4741.00]	−3.03[−12.57,6.50] −0.62 [4.86] 0.53 [4741.00]	−3.12[−12.66,6.42] −0.64 [4.86] 0.52 [4740.00]	−3.01[−12.55,6.53] −0.62 [4.86] 0.54 [4739.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese	−0.74[−9.56,8.08] −0.16 [4.50] 0.87 [4742.00]					−0.86[−6.82,5.11] −0.28 [3.04] 0.78 [4742.00]	0.48[−5.70,6.66] 0.15 [3.15] 0.88 [4742.00]	−0.76[−9.58,8.05] −0.17 [4.50] 0.87 [4741.00]	−0.72[−9.54,8.10] −0.16 [4.50] 0.87 [4741.00]	−0.74[−9.56,8.08] −0.16 [4.50] 0.87 [4740.00]	−0.66[−9.48,8.16] −0.15 [4.50] 0.88 [4739.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	−1.76[−11.23,7.71] −0.36 [4.83] 0.72 [4742.00]					5.09[−1.33,11.52] 1.55 [3.28] 0.12 [4742.00]	8.27[1.61,14.93]* 2.43 [3.40] 0.01 [4742.00]	−1.56[−11.03,7.92] −0.32 [4.83] 0.75 [4741.00]	−1.48[−10.95,8.00] −0.31 [4.83] 0.76 [4741.00]	−1.40[−10.87,8.08] −0.29 [4.83] 0.77 [4740.00]	−1.42[−10.90,8.05] −0.29 [4.83] 0.77 [4739.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefChinese	1.38[−7.34,10.11] 0.31 [4.45] 0.76 [4742.00]					0.87[−5.04,6.78] 0.29 [3.01] 0.77 [4742.00]	8.57[2.44,14.69]** 2.74 [3.12] 0.01 [4742.00]	1.44[−7.29,10.16] 0.32 [4.45] 0.75 [4741.00]	1.68[−7.04,10.41] 0.38 [4.45] 0.71 [4741.00]	1.65[−7.08,10.37] 0.37 [4.45] 0.71 [4740.00]	1.68[−7.04,10.41] 0.38 [4.45] 0.71 [4739.00]
RaceContRespNonAmWhiteV_ProductcigarettesV_RacenamefIndian	−1.90[−11.39,7.58] −0.39 [4.84] 0.69 [4742.00]					−2.86[−9.28,3.57] −0.87 [3.28] 0.38 [4742.00]	2.21[−4.45,8.87] 0.65 [3.40] 0.52 [4742.00]	−2.01[−11.50,7.47] −0.42 [4.84] 0.68 [4741.00]	−1.82[−11.30,7.67] −0.38 [4.84] 0.71 [4741.00]	−1.92[−11.41,7.56] −0.40 [4.84] 0.69 [4740.00]	−1.91[−11.39,7.57] −0.39 [4.84] 0.69 [4739.00]
RaceContRespWhiteAmericanV_ProductcigarettesV_RacenamefIndian	0.88[−8.08,9.85] 0.19 [4.57] 0.85 [4742.00]					−2.46[−8.53,3.61] −0.79 [3.10] 0.43 [4742.00]	−0.29[−6.58,6.00] −0.09 [3.21] 0.93 [4742.00]	0.78[−8.18,9.75] 0.17 [4.57] 0.86 [4741.00]	0.84[−8.12,9.80] 0.18 [4.57] 0.85 [4741.00]	0.77[−8.19,9.74] 0.17 [4.57] 0.87 [4740.00]	0.76[−8.20,9.72] 0.17 [4.57] 0.87 [4739.00]
RaceContRespNonAmWhiteV_ProducthardwaresuppliesV_RacenamefIndian	0.33[−9.08,9.73] 0.07 [4.80] 0.95 [4742.00]					1.36[−4.99,7.71] 0.42 [3.24] 0.67 [4742.00]	4.56[−2.01,11.13] 1.36 [3.35] 0.17 [4742.00]	0.39[−9.02,9.79] 0.08 [4.80] 0.94 [4741.00]	0.48[−8.92,9.89] 0.10 [4.80] 0.92 [4741.00]	0.49[−8.91,9.90] 0.10 [4.80] 0.92 [4740.00]	0.54[−8.86,9.94] 0.11 [4.80] 0.91 [4739.00]
RaceContRespWhiteAmericanV_ProducthardwaresuppliesV_RacenamefIndian	−3.99[−12.82,4.83] −0.89 [4.50] 0.37 [4742.00]					−2.16[−8.12,3.79] −0.71 [3.04] 0.48 [4742.00]	3.76[−2.41,9.92] 1.19 [3.14] 0.23 [4742.00]	−4.08[−12.91,4.74] −0.91 [4.50] 0.36 [4741.00]	−3.87[−12.70,4.95] −0.86 [4.50] 0.39 [4741.00]	−3.97[−12.80,4.85] −0.88 [4.50] 0.38 [4740.00]	−4.08[−12.90,4.75] −0.91 [4.50] 0.37 [4739.00]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefIndian	−1.55[−10.93,7.83] −0.32 [4.78] 0.75 [4742.00]					4.60[−1.75,10.95] 1.42 [3.24] 0.16 [4742.00]	6.55[−0.03,13.13]+ 1.95 [3.36] 0.05 [4742.00]	−1.35[−10.73,8.03] −0.28 [4.78] 0.78 [4741.00]	−1.32[−10.70,8.06] −0.28 [4.78] 0.78 [4741.00]	−1.22[−10.61,8.16] −0.26 [4.78] 0.80 [4740.00]	−1.32[−10.70,8.06] −0.28 [4.78] 0.78 [4739.00]
RaceContRespWhiteAmericanV_ProducttoiletpaperV_RacenamefIndian	1.90[−7.01,10.81] 0.42 [4.54] 0.68 [4742.00]					1.13[−4.90,7.16] 0.37 [3.08] 0.71 [4742.00]	3.58[−2.66,9.83] 1.12 [3.19] 0.26 [4742.00]	1.97[−6.94,10.87] 0.43 [4.54] 0.67 [4741.00]	2.02[−6.88,10.93] 0.45 [4.54] 0.66 [4741.00]	2.04[−6.87,10.95] 0.45 [4.54] 0.65 [4740.00]	1.89[−7.02,10.80] 0.42 [4.54] 0.68 [4739.00]
CCOther_Self		−0.04[−0.08,0.01]+ −1.72 [0.02] 0.09 [4788.00]		−0.03[−0.07,0.02] −1.20 [0.02] 0.23 [4787.00]	0.00[−0.09,0.08] −0.05 [0.04] 0.96 [4778.00]			−0.04[−0.08,0.00]+ −1.82 [0.02] 0.07 [4741.00]		−0.03[−0.07,0.01] −1.33 [0.02] 0.18 [4740.00]	−0.04[−0.09,0.01]+ −1.69 [0.02] 0.09 [4739.00]
TCOther_Self			−0.04[−0.08,0.00]+ −1.81 [0.02] 0.07 [4788.00]	−0.03[−0.07,0.01] −1.32 [0.02] 0.19 [4787.00]	0.02[−0.06,0.10] 0.48 [0.04] 0.63 [4778.00]				−0.04[−0.08,0.00]+ −1.74 [0.02] 0.08 [4741.00]	−0.03[−0.07,0.02] −1.22 [0.02] 0.22 [4740.00]	−0.04[−0.08,0.01] −1.60 [0.02] 0.11 [4739.00]
RaceContRespNonAmWhiteCCOther_Self					−0.18[−0.30,−0.06]** −2.98 [0.06] 0.00 [4778.00]						
RaceContRespWhiteAmericanCCOther_Self					0.07[−0.05,0.18] 1.17 [0.06] 0.24 [4778.00]						
RaceContRespNonAmWhiteTCOther_Self					−0.02[−0.13,0.09] −0.34 [0.06] 0.73 [4778.00]						
RaceContRespWhiteAmericanTCOther_Self					−0.15[−0.26,−0.04]** −2.68 [0.06] 0.01 [4778.00]						
CCOther_SelfTCOther_Self					0.00[−0.01,0.00] −1.13 [0.00] 0.26 [4778.00]						0.00[0.00,0.00] 1.27 [0.00] 0.20 [4739.00]
RaceContRespNonAmWhiteCCOther_SelfTCOther_Self					0.01[0.00,0.01]* 2.42 [0.00] 0.02 [4778.00]						
RaceContRespWhiteAmericanCCOther_SelfTCOther_Self					0.00[0.00,0.01] 1.53 [0.00] 0.13 [4778.00]						
SD (Intercept ID)	5.75	5.72	5.68	5.70	5.69	5.77	6.86	5.77	5.73	5.75	5.74
SD (Observations)	14.68	14.69	14.70	14.69	14.66	9.52	9.75	14.67	14.68	14.67	14.68
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.010	0.001	0.001	0.001	0.008	0.010	0.008	0.011	0.011	0.012	0.012
R2 Cond.	0.142	0.132	0.131	0.132	0.138	0.276	0.337	0.144	0.142	0.143	0.143
AIC	39 744.7	39 841.7	39 841.5	39 847.8	39 883.0	35 975.1	36 333.0	39 749.3	39 749.6	39 755.6	39 768.2
BIC	40 068.4	39 867.6	39 867.4	39 880.2	39 973.7	36 298.8	36 656.7	40 079.5	40 079.8	40 092.3	40 111.4
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.10	14.18	14.19	14.18	14.13	9.02	9.20	14.09	14.10	14.09	14.09

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 2.24: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	39870.51	40194.23	-19885.25	39770.51			
C2Path	51.00	39869.19	40199.39	-19883.59	39767.19	3.32	1	0.0686

Table 2.25: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	39870.51	40194.23	-19885.25	39770.51			
C2Path	51.00	39869.44	40199.64	-19883.72	39767.44	3.06	1	0.0802

Table 2.26: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	39870.51	40194.23	-19885.25	39770.51			
C2Path	52.00	39869.68	40206.36	-19882.84	39765.68	4.82	2	0.0898

Table 2.27: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	39870.51	40194.23	-19885.25	39770.51			
C2Path	52.00	39869.68	40206.36	-19882.84	39765.68	4.82	2	0.0898

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 2.28: Model H2b-3

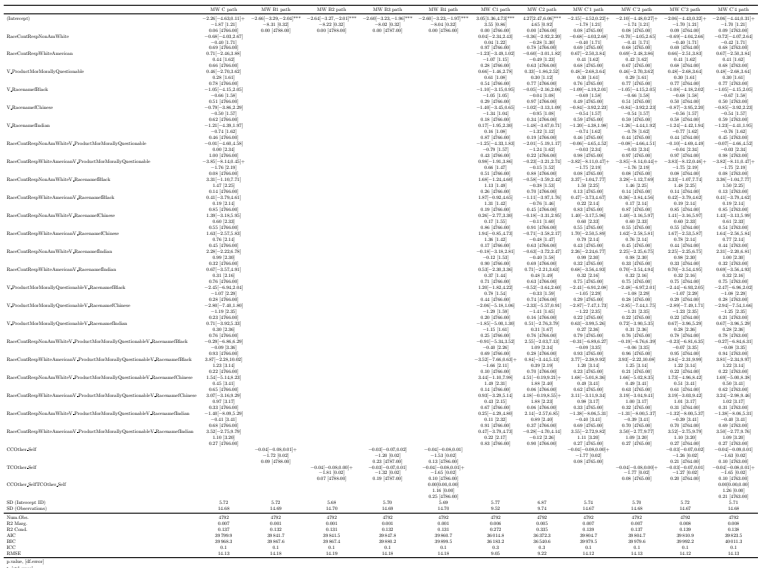

Table 2.29: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	26.00	39842.65	40010.99	-19895.33	39790.65			
C2Path	27.00	39841.54	40016.35	-19893.77	39787.54	3.11	1	0.0776

Table 2.30: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	26.00	39842.65	40010.99	-19895.33	39790.65			
C2Path	27.00	39841.50	40016.31	-19893.75	39787.50	3.16	1	0.0757

Table 2.31: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	26.00	39842.65	40010.99	-19895.33	39790.65			
C2Path	28.00	39841.91	40023.20	-19892.96	39785.91	4.74	2	0.0936

Table 2.32: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	26.00	39842.65	40010.99	-19895.33	39790.65			
C2Path	28.00	39841.91	40023.20	-19892.96	39785.91	4.74	2	0.0936

2.4 H2c

Table 2.33: Model H2c

2.5 H3a

Table 2.34: Model H3a

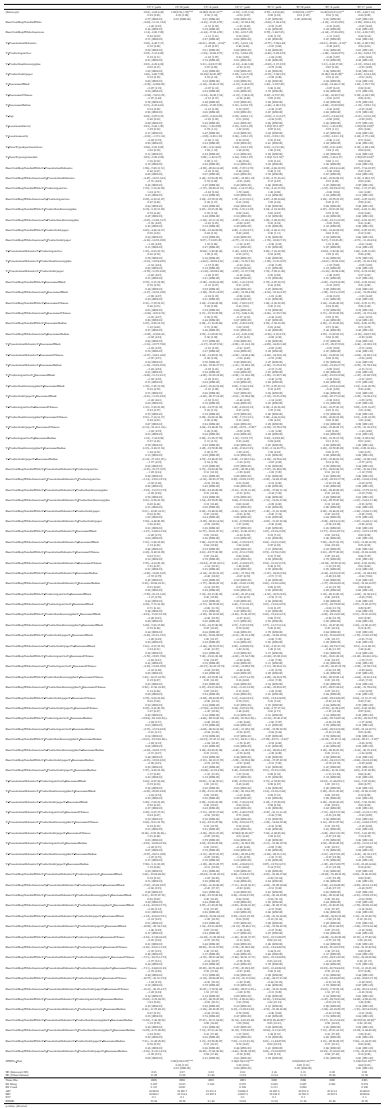

Table 2.35: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	103.00	18534.97	19130.26	-9164.49	18328.97			
C2Path	104.00	18501.94	19103.00	-9146.97	18293.94	35.04	1	0.0000

Table 2.36: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	103.00	18782.40	19377.69	-9288.20	18576.40			
C2Path	104.00	18708.12	19309.18	-9250.06	18500.12	76.29	1	0.0000

Table 2.37: Model H3a-2

Table 2.38: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	98.00	18531.41	19097.80	-9167.71	18335.41			
C2Path	99.00	18497.46	19069.62	-9149.73	18299.46	35.96	1	0.0000

Table 2.39: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	98.00	18782.27	19348.66	-9293.14	18586.27			
C2Path	99.00	18706.80	19278.96	-9254.40	18508.80	77.48	1	0.0000

Table 2.40: Model H3a-3

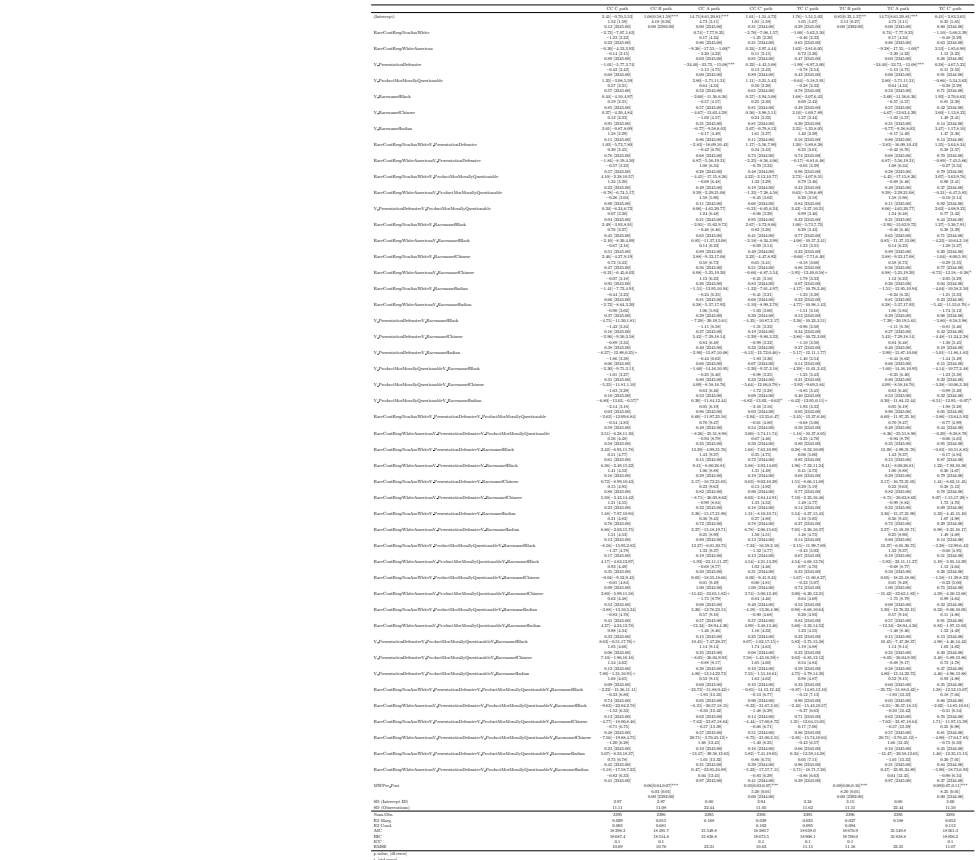

Table 2.41: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	18504.48	18793.46	-9202.24	18404.48			
C2Path	51.00	18478.97	18773.72	-9188.49	18376.97	27.51	1	0.0000

Table 2.42: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	50.00	18730.55	19019.53	-9315.28	18630.55			
C2Path	51.00	18664.33	18959.09	-9281.17	18562.33	68.22	1	0.0000

2.6 H3b

Table 2.43: Model H3b

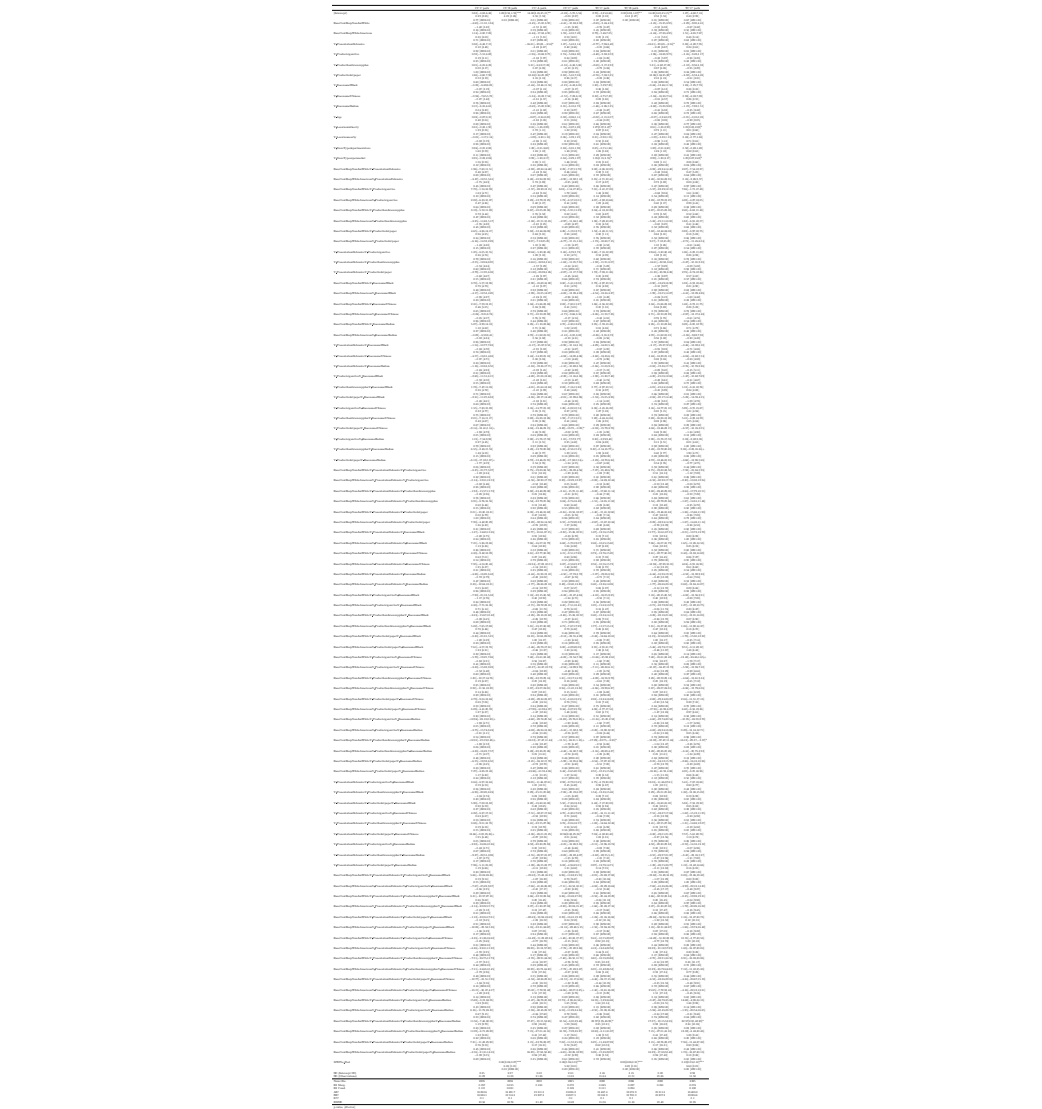

Table 2.44: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	103.00	18534.97	19130.26	-9164.49	18328.97			
C2Path	104.00	18501.94	19103.00	-9146.97	18293.94	35.04	1	0.0000

Table 2.45: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	103.00	18782.40	19377.69	-9288.20	18576.40			
C2Path	104.00	18708.12	19309.18	-9250.06	18500.12	76.29	1	0.0000

Chapter 3

With Race 1*White

3.1 H1a

Table 3.1: Model H1a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	26.16[20.04,32.27]***	28.64[27.04,30.24]***	16.17[6.05,26.29]**	23.18[17.28,29.07]***	27.31[21.11,33.51]***	28.02[26.37,29.67]***	16.17[6.05,26.29]**	24.03[18.10,29.95]***
	8.38 [3.12]	35.10 [0.82]	3.13 [5.16]	7.71 [3.01]	8.64 [3.16]	33.29 [0.84]	3.13 [5.16]	7.95 [3.02]
	0.00 [2357.00]	0.00 [2392.00]	0.00 [2357.00]	0.00 [2356.00]	0.00 [2357.00]	0.00 [2392.00]	0.00 [2357.00]	0.00 [2356.00]
EXPGRP_TEXTWhite	−3.69[−9.25,1.88]		−5.46[−14.11,3.19]	−2.66[−7.97,2.65]	0.06[−5.62,5.75]		−5.46[−14.11,3.19]	1.18[−4.19,6.55]
	−1.30 [2.84]		−1.24 [4.41]	−0.98 [2.71]	0.02 [2.90]		−1.24 [4.41]	0.43 [2.74]
	0.19 [2357.00]		0.22 [2357.00]	0.33 [2356.00]	0.98 [2357.00]		0.22 [2357.00]	0.67 [2356.00]
V_Productcigarettes	9.81[4.54,15.07]***		21.55[12.27,30.84]***	6.28[1.14,11.41]*	8.58[3.30,13.86]**		21.55[12.27,30.84]***	4.72[−0.40,9.84]+
	3.65 [2.68]		4.55 [4.73]	2.40 [2.62]	3.19 [2.69]		4.55 [4.73]	1.81 [2.61]
	0.00 [2357.00]		0.00 [2357.00]	0.02 [2356.00]	0.00 [2357.00]		0.00 [2357.00]	0.07 [2356.00]
V_Producthardwaresupplies	−0.29[−5.64,5.05]		3.63[−5.82,13.07]	−0.78[−5.98,4.42]	0.01[−5.36,5.37]		3.63[−5.82,13.07]	−0.51[−5.69,4.67]
	−0.11 [2.73]		0.75 [4.82]	−0.29 [2.65]	0.00 [2.74]		0.75 [4.82]	−0.19 [2.64]
	0.91 [2357.00]		0.45 [2357.00]	0.77 [2356.00]	1.00 [2357.00]		0.45 [2357.00]	0.85 [2356.00]
V_Producttoiletpaper	2.50[−2.73,7.72]		19.54[10.32,28.75]***	−0.72[−5.82,4.38]	4.01[−1.23,9.26]		19.54[10.32,28.75]***	0.48[−4.60,5.56]
	0.94 [2.66]		4.16 [4.70]	−0.28 [2.60]	1.50 [2.67]		4.16 [4.70]	0.19 [2.59]
	0.35 [2357.00]		0.00 [2357.00]	0.78 [2356.00]	0.13 [2357.00]		0.00 [2357.00]	0.85 [2356.00]
V_RacenamefBlack	−1.63[−6.86,3.59]		−2.38[−11.61,6.85]	−1.06[−6.14,4.02]	−0.93[−6.17,4.32]		−2.38[−11.61,6.85]	−0.30[−5.37,4.77]
	−0.61 [2.67]		−0.51 [4.71]	−0.41 [2.59]	−0.35 [2.68]		−0.51 [4.71]	−0.12 [2.58]
	0.54 [2357.00]		0.61 [2357.00]	0.68 [2356.00]	0.73 [2357.00]		0.61 [2357.00]	0.91 [2356.00]
V_RacenamefChinese	−2.03[−7.20,3.15]		−5.34[−14.45,3.77]	−0.96[−5.98,4.07]	−0.03[−5.21,5.16]		−5.34[−14.45,3.77]	1.15[−3.87,6.16]
	−0.77 [2.64]		−1.15 [4.65]	−0.37 [2.56]	−0.01 [2.65]		−1.15 [4.65]	0.45 [2.56]
	0.44 [2357.00]		0.25 [2357.00]	0.71 [2356.00]	0.99 [2357.00]		0.25 [2357.00]	0.65 [2356.00]
V_RacenamefIndian	0.00[−5.47,5.48]		−4.37[−14.04,5.29]	0.78[−4.54,6.10]	−0.10[−5.59,5.39]		−4.37[−14.04,5.29]	0.74[−4.56,6.05]
	0.00 [2.79]		−0.89 [4.93]	0.29 [2.71]	−0.04 [2.80]		−0.89 [4.93]	0.27 [2.71]
	1.00 [2357.00]		0.38 [2357.00]	0.77 [2356.00]	0.97 [2357.00]		0.38 [2357.00]	0.78 [2356.00]
V_Age	0.15[0.06,0.25]**		0.09[−0.08,0.26]	0.14[0.04,0.23]**	0.11[0.01,0.20]*		0.09[−0.08,0.26]	0.09[0.00,0.18]+
	3.09 [0.05]		1.00 [0.09]	2.90 [0.05]	2.17 [0.05]		1.00 [0.09]	1.95 [0.05]
	0.00 [2357.00]		0.32 [2357.00]	0.00 [2356.00]	0.03 [2357.00]		0.32 [2357.00]	0.05 [2356.00]
V_Locationinthecity	0.29[−0.99,1.56]		0.14[−2.11,2.39]	0.35[−0.89,1.59]	0.06[−1.22,1.34]		0.14[−2.11,2.39]	0.14[−1.09,1.37]
	0.44 [0.65]		0.12 [1.15]	0.56 [0.63]	0.09 [0.65]		0.12 [1.15]	0.22 [0.63]
	0.66 [2357.00]		0.90 [2357.00]	0.58 [2356.00]	0.93 [2357.00]		0.90 [2357.00]	0.82 [2356.00]
V_Locationnearby	−0.36[−1.65,0.93]		−1.12[−3.40,1.16]	−0.12[−1.37,1.14]	−0.60[−1.89,0.69]		−1.12[−3.40,1.16]	−0.32[−1.57,0.93]
	−0.55 [0.66]		−0.96 [1.16]	−0.18 [0.64]	−0.91 [0.66]		−0.96 [1.16]	−0.50 [0.64]
	0.58 [2357.00]		0.33 [2357.00]	0.86 [2356.00]	0.36 [2357.00]		0.33 [2357.00]	0.62 [2356.00]
V_StoreTypedepartmentstore	1.08[−0.19,2.35]+		1.50[−0.75,3.75]	0.84[−0.39,2.08]	−0.08[−1.35,1.20]		1.50[−0.75,3.75]	−0.33[−1.56,0.90]
	1.66 [0.65]		1.30 [1.15]	1.34 [0.63]	−0.12 [0.65]		1.30 [1.15]	−0.53 [0.63]
	0.10 [2357.00]		0.19 [2357.00]	0.18 [2356.00]	0.91 [2357.00]		0.19 [2357.00]	0.60 [2356.00]
V_StoreTypesupermarket	1.29[0.02,2.57]*		1.43[−0.83,3.68]	1.09[−0.15,2.32]+	0.92[−0.36,2.20]		1.43[−0.83,3.68]	0.69[−0.54,1.93]
	1.99 [0.65]		1.24 [1.15]	1.72 [0.63]	1.41 [0.65]		1.24 [1.15]	1.10 [0.63]
	0.05 [2357.00]		0.21 [2357.00]	0.09 [2356.00]	0.16 [2357.00]		0.21 [2357.00]	0.27 [2356.00]
EXPGRP_TEXTWhiteV_Productcigarettes	1.91[−4.49,8.31]		1.10[−10.20,12.40]	1.72[−4.51,7.94]	−1.38[−7.81,5.04]		1.10[−10.20,12.40]	−1.58[−7.78,4.63]
	0.58 [3.27]		0.19 [5.76]	0.54 [3.17]	−0.42 [3.28]		0.19 [5.76]	−0.50 [3.16]
	0.56 [2357.00]		0.85 [2357.00]	0.59 [2356.00]	0.67 [2357.00]		0.85 [2357.00]	0.62 [2356.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	1.72[−4.70,8.14]		2.27[−9.06,13.61]	1.10[−5.14,7.34]	0.02[−6.42,6.46]		2.27[−9.06,13.61]	−0.66[−6.88,5.56]
	0.52 [3.27]		0.39 [5.78]	0.34 [3.18]	0.01 [3.28]		0.39 [5.78]	−0.21 [3.17]
	0.60 [2357.00]		0.69 [2357.00]	0.73 [2356.00]	1.00 [2357.00]		0.69 [2357.00]	0.84 [2356.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	1.49[−4.84,7.81]		1.15[−10.01,12.32]	1.17[−4.98,7.32]	−2.81[−9.16,3.54]		1.15[−10.01,12.32]	−3.14[−9.27,2.99]
	0.46 [3.23]		0.20 [5.69]	0.37 [3.14]	−0.87 [3.24]		0.20 [5.69]	−1.01 [3.13]
	0.65 [2357.00]		0.84 [2357.00]	0.71 [2356.00]	0.38 [2357.00]		0.84 [2357.00]	0.31 [2356.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	3.72[−2.60,10.05]		1.82[−9.35,12.99]	3.25[−2.89,9.40]	0.45[−5.90,6.80]		1.82[−9.35,12.99]	−0.05[−6.18,6.08]
	1.15 [3.23]		0.32 [5.70]	1.04 [3.13]	0.14 [3.24]		0.32 [5.70]	−0.02 [3.13]
	0.25 [2357.00]		0.75 [2357.00]	0.30 [2356.00]	0.89 [2357.00]		0.75 [2357.00]	0.99 [2356.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	4.28[−2.05,10.61]		6.98[−4.19,18.14]	2.92[−3.24,9.07]	0.04[−6.31,6.39]		6.98[−4.19,18.14]	−1.45[−7.59,4.68]
	1.33 [3.23]		1.23 [5.69]	0.93 [3.14]	0.01 [3.24]		1.23 [5.69]	−0.46 [3.13]
	0.18 [2357.00]		0.22 [2357.00]	0.35 [2356.00]	0.99 [2357.00]		0.22 [2357.00]	0.64 [2356.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	1.75[−4.78,8.29]		7.53[−4.00,19.06]	0.47[−5.88,6.82]	−1.77[−8.32,4.79]		7.53[−4.00,19.06]	−3.15[−9.48,3.18]
	0.53 [3.33]		1.28 [5.88]	0.15 [3.24]	−0.53 [3.34]		1.28 [5.88]	−0.97 [3.23]
	0.60 [2357.00]		0.20 [2357.00]	0.88 [2356.00]	0.60 [2357.00]		0.20 [2357.00]	0.33 [2356.00]
V_ProductcigarettesV_RacenamefBlack	0.75[−6.74,8.24]		−3.22[−16.39,9.95]	1.17[−6.11,8.45]	−1.09[−8.61,6.42]		−3.22[−16.39,9.95]	−0.64[−7.90,6.61]
	0.20 [3.82]		−0.48 [6.72]	0.32 [3.71]	−0.29 [3.83]		−0.48 [6.72]	−0.17 [3.70]
	0.84 [2357.00]		0.63 [2357.00]	0.75 [2356.00]	0.78 [2357.00]		0.63 [2357.00]	0.86 [2356.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.46[−7.39,8.32]		−2.88[−16.64,10.88]	0.72[−6.91,8.35]	1.36[−6.53,9.25]		−2.88[−16.64,10.88]	1.65[−5.97,9.26]
	0.12 [4.01]		−0.41 [7.02]	0.18 [3.89]	0.34 [4.02]		−0.41 [7.02]	0.42 [3.88]
	0.91 [2357.00]		0.68 [2357.00]	0.85 [2356.00]	0.74 [2357.00]		0.68 [2357.00]	0.67 [2356.00]
V_ProducttoiletpaperV_RacenamefBlack	3.76[−3.85,11.38]		−4.99[−18.38,8.39]	4.31[−3.09,11.71]	0.82[−6.83,8.46]		−4.99[−18.38,8.39]	1.41[−5.97,8.79]
	0.97 [3.88]		−0.73 [6.82]	1.14 [3.77]	0.21 [3.90]		−0.73 [6.82]	0.38 [3.76]
	0.33 [2357.00]		0.46 [2357.00]	0.25 [2356.00]	0.83 [2357.00]		0.46 [2357.00]	0.71 [2356.00]
V_ProductcigarettesV_RacenamefChinese	3.63[−4.16,11.42]		−3.92[−17.57,9.73]	3.94[−3.63,11.51]	1.22[−6.60,9.04]		−3.92[−17.57,9.73]	1.55[−6.00,9.11]
	0.91 [3.97]		−0.56 [6.96]	1.02 [3.86]	0.31 [3.99]		−0.56 [6.96]	0.40 [3.85]
	0.36 [2357.00]		0.57 [2357.00]	0.31 [2356.00]	0.76 [2357.00]		0.57 [2357.00]	0.69 [2356.00]
V_ProducthardwaresuppliesV_RacenamefChinese	2.48[−5.12,10.08]		5.14[−8.19,18.48]	1.50[−5.88,8.88]	2.13[−5.50,9.75]		5.14[−8.19,18.48]	1.03[−6.33,8.39]
	0.64 [3.87]		0.76 [6.80]	0.40 [3.76]	0.55 [3.89]		0.76 [6.80]	0.27 [3.75]
	0.52 [2357.00]		0.45 [2357.00]	0.69 [2356.00]	0.58 [2357.00]		0.45 [2357.00]	0.78 [2356.00]
V_ProducttoiletpaperV_RacenamefChinese	−2.23[−9.83,5.38]		−0.27[−13.58,13.05]	−2.37[−9.76,5.01]	−3.51[−11.14,4.13]		−0.27[−13.58,13.05]	−3.65[−11.02,3.72]
	−0.57 [3.88]		−0.04 [6.79]	−0.63 [3.77]	−0.90 [3.89]		−0.04 [6.79]	−0.97 [3.76]
	0.57 [2357.00]		0.97 [2357.00]	0.53 [2356.00]	0.37 [2357.00]		0.97 [2357.00]	0.33 [2356.00]
V_ProductcigarettesV_RacenamefIndian	−1.82[−9.61,5.97]		4.99[−8.67,18.65]	−2.73[−10.30,4.83]	−2.73[−10.55,5.09]		4.99[−8.67,18.65]	−3.73[−11.27,3.82]
	−0.46 [3.97]		0.72 [6.97]	−0.71 [3.86]	−0.69 [3.99]		0.72 [6.97]	−0.97 [3.85]
	0.65 [2357.00]		0.47 [2357.00]	0.48 [2356.00]	0.49 [2357.00]		0.47 [2357.00]	0.33 [2356.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.56[−5.13,10.24]		2.40[−11.13,15.93]	2.01[−5.45,9.48]	2.03[−5.68,9.74]		2.40[−11.13,15.93]	1.41[−6.03,8.86]
	0.65 [3.92]		0.35 [6.90]	0.53 [3.81]	0.52 [3.93]		0.35 [6.90]	0.37 [3.80]
	0.51 [2357.00]		0.73 [2357.00]	0.60 [2356.00]	0.61 [2357.00]		0.73 [2357.00]	0.71 [2356.00]
V_ProducttoiletpaperV_RacenamefIndian	−1.48[−9.29,6.34]		0.95[−12.75,14.65]	−1.57[−9.16,6.02]	−2.51[−10.35,5.33]		0.95[−12.75,14.65]	−2.57[−10.14,5.01]
	−0.37 [3.99]		0.14 [6.99]	−0.40 [3.87]	−0.63 [4.00]		0.14 [6.99]	−0.66 [3.86]
	0.71 [2357.00]		0.89 [2357.00]	0.69 [2356.00]	0.53 [2357.00]		0.89 [2357.00]	0.51 [2356.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	−8.23[−17.43,0.96]+		−1.22[−17.37,14.94]	−8.06[−16.99,0.87]+	−2.78[−12.00,6.45]		−1.22[−17.37,14.94]	−2.61[−11.52,6.30]
	−1.76 [4.69]		−0.15 [8.24]	−1.77 [4.55]	−0.59 [4.70]		−0.15 [8.24]	−0.57 [4.54]
	0.08 [2357.00]		0.88 [2357.00]	0.08 [2356.00]	0.55 [2357.00]		0.88 [2357.00]	0.57 [2356.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−1.55[−11.00,7.89]		3.13[−13.42,19.68]	−1.75[−10.92,7.42]	−1.24[−10.72,8.24]		3.13[−13.42,19.68]	−1.49[−10.64,7.66]
	−0.32 [4.82]		0.37 [8.44]	−0.37 [4.68]	−0.26 [4.83]		0.37 [8.44]	−0.32 [4.67]
	0.75 [2357.00]		0.71 [2357.00]	0.71 [2356.00]	0.80 [2357.00]		0.71 [2357.00]	0.75 [2356.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	−7.74[−17.01,1.52]		3.55[−12.72,19.82]	−8.03[−17.02,0.97]+	−1.93[−11.23,7.36]		3.55[−12.72,19.82]	−2.26[−11.23,6.72]
	−1.64 [4.72]		0.43 [8.30]	−1.75 [4.59]	−0.41 [4.74]		0.43 [8.30]	−0.49 [4.58]
	0.10 [2357.00]		0.67 [2357.00]	0.08 [2356.00]	0.68 [2357.00]		0.67 [2357.00]	0.62 [2356.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	−11.48[−20.90,−2.07]*		−6.41[−22.91,10.09]	−10.21[−19.35,−1.06]*	−4.68[−14.13,4.77]		−6.41[−22.91,10.09]	−3.30[−12.42,5.83]
	−2.39 [4.80]		−0.76 [8.42]	−2.19 [4.66]	−0.97 [4.82]		−0.76 [8.42]	−0.71 [4.65]
	0.02 [2357.00]		0.45 [2357.00]	0.03 [2356.00]	0.33 [2357.00]		0.45 [2357.00]	0.48 [2356.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−3.64[−12.95,5.66]		−4.28[−20.62,12.06]	−2.56[−11.60,6.48]	−3.59[−12.93,5.75]		−4.28[−20.62,12.06]	−2.38[−11.39,6.64]
	−0.77 [4.75]		−0.51 [8.33]	−0.55 [4.61]	−0.75 [4.76]		−0.51 [8.33]	−0.52 [4.60]
	0.44 [2357.00]		0.61 [2357.00]	0.58 [2356.00]	0.45 [2357.00]		0.61 [2357.00]	0.61 [2356.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	−1.45[−10.73,7.84]		−5.65[−21.92,10.62]	−0.27[−9.29,8.75]	2.84[−6.48,12.17]		−5.65[−21.92,10.62]	4.12[−4.88,13.12]
	−0.31 [4.74]		−0.68 [8.30]	−0.06 [4.60]	0.60 [4.75]		−0.68 [8.30]	0.90 [4.59]
	0.76 [2357.00]		0.50 [2357.00]	0.95 [2356.00]	0.55 [2357.00]		0.50 [2357.00]	0.37 [2356.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−5.31[−14.77,4.14]		−15.69[−32.28,0.89]+	−2.77[−11.96,6.42]	0.15[−9.34,9.64]		−15.69[−32.28,0.89]+	2.90[−6.27,12.07]
	−1.10 [4.82]		−1.86 [8.46]	−0.59 [4.69]	0.03 [4.84]		−1.86 [8.46]	0.62 [4.68]
	0.27 [2357.00]		0.06 [2357.00]	0.55 [2356.00]	0.98 [2357.00]		0.06 [2357.00]	0.54 [2356.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−2.80[−12.08,6.48]		−0.14[−16.48,16.19]	−2.58[−11.60,6.44]	−1.46[−10.77,7.86]		−0.14[−16.48,16.19]	−1.22[−10.22,7.77]
	−0.59 [4.73]		−0.02 [8.33]	−0.56 [4.60]	−0.31 [4.75]		−0.02 [8.33]	−0.27 [4.59]
	0.55 [2357.00]		0.99 [2357.00]	0.57 [2356.00]	0.76 [2357.00]		0.99 [2357.00]	0.79 [2356.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	−1.46[−10.89,7.96]		−6.84[−23.37,9.70]	−0.36[−9.52,8.80]	4.15[−5.31,13.61]		−6.84[−23.37,9.70]	5.30[−3.84,14.43]
	−0.30 [4.81]		−0.81 [8.43]	−0.08 [4.67]	0.86 [4.83]		−0.81 [8.43]	1.14 [4.66]
	0.76 [2357.00]		0.42 [2357.00]	0.94 [2356.00]	0.39 [2357.00]		0.42 [2357.00]	0.26 [2356.00]
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.19]***		0.19[0.17,0.21]***		0.19[0.16,0.21]***
		16.90 [0.01]		14.22 [0.01]		17.40 [0.01]		15.54 [0.01]
		0.00 [2392.00]		0.00 [2356.00]		0.00 [2392.00]		0.00 [2356.00]
SD (Intercept ID)	19.40	17.68	20.31	17.82	20.44	18.47	20.31	18.57
SD (Observations)	11.25	11.27	20.34	10.96	11.28	11.04	20.34	10.91
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.027	0.068	0.077	0.079	0.014	0.067	0.077	0.073
R2 Cond.	0.755	0.731	0.538	0.748	0.770	0.754	0.538	0.762
AIC	19 883.3	19 847.8	22 110.9	19 700.8	19 948.1	19 817.7	22 110.9	19 730.2
BIC	20 108.7	19 870.9	22 336.4	19 932.0	20 173.6	19 840.8	22 336.4	19 961.5
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	9.78	9.91	18.04	9.53	9.79	9.69	18.04	9.48

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.2: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	19971.61	20197.09	-9946.80	19893.61			
C2Path	40.00	19779.80	20011.06	-9849.90	19699.80	193.81	1	0.0000

Table 3.3: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	20036.86	20262.34	-9979.43	19958.86			
C2Path	40.00	19809.17	20040.43	-9864.59	19729.17	229.68	1	0.0000

Table 3.4: Model H1a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	26.14[20.07,32.22]***	28.64[27.94,30.24]***	15.87[5.84,25.90]**	23.26[17.41,29.11]***	27.27[21.16,33.38]***	28.02[26.37,29.67]***	16.83[6.88,26.77]***	24.87[19.75,29.99]***
	6.44 [3.10]	35.10 [0.92]	3.10 [5.12]	7.80 [2.98]	8.75 [3.12]	33.29 [0.84]	3.32 [5.07]	9.52 [2.61]
	0.00 [2259.00]	0.00 [2592.00]	0.00 [2259.00]	0.00 [2258.00]	0.00 [2361.00]	0.00 [2592.00]	0.00 [2361.00]	0.00 [2274.00]
EXPGRP_TEXTWhite	−3.68[−8.24,1.89]		−5.48[−14.13,3.17]	−2.62[−7.94,2.67]	−0.01[−5.69,5.67]		−5.48[−14.13,3.16]	−0.12[−3.66,3.42]
	−1.30 [2.84]		−1.24 [4.41]	−0.97 [2.71]	0.00 [2.90]		−1.24 [4.41]	−0.07 [1.84]
	0.19 [2259.00]		0.21 [2259.00]	0.33 [2258.00]	1.00 [2361.00]		0.21 [2361.00]	0.95 [2274.00]
V_Productcigarettes	9.86[4.53,15.06]***		21.52[12.24,30.80]***	6.28[1.14,11.41]*	8.69[3.42,13.97]**		21.56[12.28,30.84]***	3.66[0.72,6.60]*
	3.65 [2.68]		4.55 [4.73]	2.40 [2.62]	3.23 [2.69]		4.56 [4.73]	2.44 [1.50]
	0.00 [2259.00]		0.00 [2259.00]	0.02 [2258.00]	0.00 [2361.00]		0.00 [2361.00]	0.01 [2274.00]
V_Producthardwaresupplies	−0.32[−5.67,5.02]		3.52[−5.91,12.97]	−0.79[−5.99,4.40]	0.03[−5.34,5.39]		3.56[−5.86,13.02]	−0.89[−3.75,1.98]
	−0.12 [2.75]		0.73 [4.82]	−0.30 [2.65]	0.01 [2.74]		0.74 [4.83]	−0.61 [1.46]
	0.90 [2259.00]		0.46 [2259.00]	0.77 [2258.00]	0.99 [2361.00]		0.46 [2361.00]	0.54 [2274.00]
V_Producttoiletpaper	2.59[−2.63,7.80]		19.67[10.46,28.87]***	−0.64[−5.73,4.45]	4.17[−1.06,9.41]		19.66[10.45,28.86]***	−1.59[−4.47,1.30]
	0.97 [2.66]		4.19 [4.69]	−0.25 [2.60]	1.56 [2.67]		4.19 [4.69]	−1.08 [1.47]
	0.33 [2259.00]		0.00 [2259.00]	0.80 [2258.00]	0.12 [2361.00]		0.00 [2361.00]	0.28 [2274.00]
V_RacenameBlack	−1.55[−6.77,3.68]		−2.22[−11.45,7.00]	−0.99[−6.07,4.09]	−0.78[−6.02,4.46]		−2.11[−11.33,7.12]	−0.34[−3.18,2.51]
	−0.58 [2.66]		−0.67 [4.70]	−0.38 [2.59]	−0.29 [2.67]		−0.65 [4.70]	−0.23 [1.45]
	0.56 [2259.00]		0.64 [2259.00]	0.70 [2258.00]	0.77 [2361.00]		0.65 [2361.00]	0.82 [2274.00]
V_RacenameChinese	−1.96[−7.16,3.18]		−5.29[−14.39,3.82]	−0.92[−5.95,4.10]	0.02[−5.16,5.21]		−5.29[−14.40,3.81]	0.16[−2.71,3.03]
	−0.76 [2.64]		−1.14 [4.64]	−0.36 [2.56]	0.01 [2.65]		−1.14 [4.64]	0.11 [1.47]
	0.45 [2259.00]		0.26 [2259.00]	0.72 [2258.00]	0.99 [2361.00]		0.25 [2361.00]	0.91 [2274.00]
V_RacenameIndian	0.06[−5.41,5.52]		−4.36[−14.02,5.29]	0.85[−4.46,6.16]	−0.02[−5.59,5.47]		−4.36[−14.01,5.30]	−1.35[−4.23,1.53]
	0.02 [2.79]		−0.89 [4.92]	0.31 [2.71]	−0.01 [2.86]		−0.88 [4.92]	−0.92 [1.47]
	0.98 [2259.00]		0.38 [2259.00]	0.75 [2258.00]	1.00 [2361.00]		0.38 [2361.00]	0.36 [2274.00]
V_Age	0.15[0.01,0.25]**		0.08[−0.08,0.25]	0.14[0.04,0.25]**	0.11[0.01,0.20]*		0.08[−0.08,0.25]	0.09[0.00,0.19]*
	3.08 [0.05]		0.98 [0.09]	2.89 [0.05]	2.21 [0.05]		0.98 [0.09]	1.99 [0.05]
	0.00 [2259.00]		0.33 [2259.00]	0.00 [2258.00]	0.03 [2361.00]		0.33 [2361.00]	0.05 [2274.00]
V_StoreTypedepartmentstore	1.07[−0.20,2.34]+		1.47[−0.78,3.72]	0.84[−0.40,2.07]				
	1.65 [0.65]		1.28 [1.15]	1.33 [0.63]				
	0.10 [2259.00]		0.20 [2259.00]	0.18 [2258.00]				
V_StoreTypesupermarket	1.26[0.00,2.53]*		1.41[−0.84,3.66]	1.07[−0.17,2.31]+				
	1.97 [0.65]		1.23 [1.15]	1.70 [0.63]				
	0.05 [2259.00]		0.22 [2259.00]	0.09 [2258.00]				
EXPGRP_TEXTWhiteV_Productcigarettes	2.00[−4.40,8.40]		1.32[−9.97,12.61]	1.76[−4.46,7.97]	−1.24[−7.66,5.18]		1.36[−9.93,12.65]	
	0.63 [3.26]		0.23 [5.76]	0.56 [3.17]	−0.38 [3.27]		0.24 [5.76]	
	0.54 [2259.00]		0.82 [2259.00]	0.58 [2258.00]	0.71 [2361.00]		0.81 [2361.00]	
EXPGRP_TEXTWhiteV_Producthardwaresupplies	1.72[−4.69,8.14]		3.26[−9.03,13.64]	1.09[−5.15,7.33]	0.11[−6.33,6.55]		2.27[−9.07,13.60]	
	0.53 [3.27]		0.40 [5.78]	0.34 [3.18]	0.03 [3.28]		0.39 [5.78]	
	0.60 [2259.00]		0.69 [2259.00]	0.73 [2258.00]	0.97 [2361.00]		0.69 [2361.00]	
EXPGRP_TEXTWhiteV_Producttoiletpaper	1.44[−4.87,7.76]		1.22[−9.92,12.36]	1.09[−5.05,7.22]	−2.78[−9.12,3.56]		1.22[−9.92,12.36]	
	0.45 [3.22]		0.21 [5.68]	0.35 [3.13]	−0.86 [3.23]		0.22 [5.68]	
	0.65 [2259.00]		0.83 [2259.00]	0.73 [2258.00]	0.39 [2361.00]		0.83 [2361.00]	
EXPGRP_TEXTWhiteV_RacenameBlack	3.72[−2.60,10.04]		1.86[−9.30,13.03]	3.22[−2.92,9.37]	0.44[−5.90,6.78]		1.76[−9.40,12.93]	
	1.15 [3.22]		0.33 [5.69]	1.03 [3.13]	0.14 [3.24]		0.31 [5.69]	
	0.25 [2259.00]		0.74 [2259.00]	0.30 [2258.00]	0.89 [2361.00]		0.76 [2361.00]	
EXPGRP_TEXTWhiteV_RacenameChinese	4.36[−2.02,10.63]		7.10[−4.06,18.25]	2.90[−3.25,9.05]	0.18[−6.17,6.53]		7.14[−3.99,18.31]	
	1.33 [3.22]		1.25 [5.69]	0.92 [3.13]	0.06 [3.24]		1.26 [5.69]	
	0.18 [2259.00]		0.21 [2259.00]	0.36 [2258.00]	0.96 [2361.00]		0.21 [2361.00]	
EXPGRP_TEXTWhiteV_RacenameIndian	1.68[−4.83,8.19]		7.54[−3.96,19.04]	0.36[−5.97,6.69]	−1.70[−8.24,4.83]		7.53[−3.97,19.03]	
	0.51 [3.32]		1.29 [5.87]	0.11 [3.23]	−0.51 [3.33]		1.28 [5.86]	
	0.61 [2259.00]		0.20 [2259.00]	0.91 [2258.00]	0.61 [2361.00]		0.20 [2361.00]	
V_ProductcigarettesV_RacenameBlack	0.72[−6.77,8.21]		−3.26[−16.43,9.91]	1.13[−6.14,8.41]	−1.30[−8.81,6.21]		−3.45[−16.61,9.71]	−2.24[−6.53,1.85]
	0.19 [3.82]		−0.49 [6.71]	0.31 [3.71]	−0.34 [3.83]		−0.51 [6.71]	−1.10 [2.14]
	0.85 [2259.00]		0.63 [2259.00]	0.76 [2258.00]	0.73 [2361.00]		0.61 [2361.00]	0.27 [2274.00]
V_ProducthardwaresuppliesV_RacenameBlack	0.47[−7.38,8.32]		−2.78[−16.54,10.97]	0.70[−6.93,8.32]	1.18[−6.69,9.06]		−3.21[−16.95,10.53]	0.66[−5.55,4.87]
	0.12 [4.04]		−0.40 [7.01]	0.18 [3.89]	0.30 [4.02]		−0.46 [7.01]	0.31 [2.15]
	0.91 [2259.00]		0.69 [2259.00]	0.86 [2258.00]	0.77 [2361.00]		0.65 [2361.00]	0.76 [2274.00]
V_ProducttoiletpaperV_RacenameBlack	3.62[−3.99,11.23]		−5.22[−18.59,8.15]	4.19[−3.20,11.58]	0.66[−6.98,8.30]		−5.24[−18.61,8.13]	−0.09[−4.28,4.10]
	0.93 [3.88]		−0.77 [6.82]	1.11 [3.77]	0.17 [3.90]		−0.77 [6.82]	−0.04 [2.14]
	0.35 [2259.00]		0.44 [2259.00]	0.27 [2258.00]	0.87 [2361.00]		0.44 [2361.00]	0.97 [2274.00]
V_ProductcigarettesV_RacenameChinese	3.71[−4.09,11.50]		−3.80[−17.45,9.85]	3.99[−3.58,11.55]	1.08[−6.74,8.89]		−3.77[−17.41,9.87]	−0.92[−5.13,3.28]
	0.93 [3.97]		−0.55 [6.96]	1.03 [3.86]	0.27 [3.99]		−0.54 [6.95]	−0.43 [2.14]
	0.35 [2259.00]		0.59 [2259.00]	0.30 [2258.00]	0.79 [2361.00]		0.59 [2361.00]	0.67 [2274.00]
V_ProducthardwaresuppliesV_RacenameChinese	2.51[−5.08,10.10]		5.25[−8.08,18.58]	1.59[−5.88,9.07]	2.25[−5.37,9.88]		5.38[−7.95,18.71]	−0.49[−4.73,3.74]
	0.65 [3.87]		0.77 [6.85]	0.40 [3.76]	0.58 [3.89]		0.79 [6.86]	−0.23 [2.16]
	0.52 [2259.00]		0.44 [2259.00]	0.69 [2258.00]	0.56 [2361.00]		0.43 [2361.00]	0.82 [2274.00]
V_ProducttoiletpaperV_RacenameChinese	−2.35[−9.95,5.25]		−0.43[−13.73,12.87]	−2.48[−9.86,4.89]	−3.62[−11.24,4.01]		−0.37[−13.67,12.93]	−0.80[−5.00,3.40]
	−0.61 [3.97]		−0.06 [6.78]	−0.66 [3.76]	−0.93 [3.89]		−0.05 [6.78]	−0.37 [2.14]
	0.54 [2259.00]		0.95 [2259.00]	0.51 [2258.00]	0.35 [2361.00]		0.96 [2361.00]	0.71 [2274.00]
V_ProductcigarettesV_RacenameIndian	1.89[−9.66,5.90]		4.96[−8.69,18.61]	−2.81[−10.37,4.74]	2.80[−10.62,5.01]		4.97[−8.68,18.61]	−1.79[−6.05,2.47]
	−0.47 [3.97]		0.71 [6.96]	−0.73 [3.85]	−0.70 [3.98]		0.71 [6.96]	−0.82 [2.17]
	0.64 [2259.00]		0.48 [2259.00]	0.47 [2258.00]	0.48 [2361.00]		0.48 [2361.00]	0.41 [2274.00]
V_ProducthardwaresuppliesV_RacenameIndian	2.56[−5.11,10.23]		2.56[−10.96,16.07]	1.97[−5.49,9.42]	2.06[−5.64,9.75]		2.51[−11.01,16.02]	0.59[−3.57,4.75]
	0.66 [3.91]		0.37 [6.89]	0.52 [3.80]	0.53 [3.93]		0.36 [6.89]	0.28 [2.12]
	0.51 [2259.00]		0.71 [2259.00]	0.60 [2258.00]	0.60 [2361.00]		0.72 [2361.00]	0.78 [2274.00]
V_ProducttoiletpaperV_RacenameIndian	−1.59[−9.39,6.21]		0.88[−12.83,14.54]	−1.69[−9.27,5.89]	−2.76[−10.59,5.07]		0.89[−12.78,14.57]	0.95[−3.26,5.16]
	−0.40 [3.96]		0.12 [6.98]	−0.44 [3.86]	−0.69 [3.99]		0.13 [6.97]	0.44 [2.15]
	0.69 [2259.00]		0.90 [2259.00]	0.66 [2258.00]	0.49 [2361.00]		0.90 [2361.00]	0.66 [2274.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenameBlack	−8.35[−17.54,0.85]+		−1.51[−17.65,14.63]	−8.11[−17.63,0.81]+	−2.79[−12.01,6.42]		−1.31[−17.45,14.83]	
	−1.78 [4.68]		−0.18 [8.23]	−1.78 [4.55]	−0.59 [4.70]		−0.16 [8.23]	
	0.07 [2259.00]		0.85 [2259.00]	0.07 [2258.00]	0.55 [2361.00]		0.87 [2361.00]	
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenameBlack	−1.69[−11.04,7.83]		2.95[−13.59,19.49]	−1.75[−10.92,7.41]	−1.15[−10.62,8.32]		3.36[−13.16,19.89]	
	−0.33 [4.81]		0.35 [9.44]	−0.38 [4.67]	−0.24 [4.83]		0.40 [9.43]	
	0.74 [2259.00]		0.73 [2259.00]	0.71 [2258.00]	0.81 [2361.00]		0.69 [2361.00]	
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenameBlack	−7.72[−16.97,1.53]		3.46[−12.80,19.71]	−7.95[−16.94,1.05]+	−1.98[−11.27,7.31]		3.43[−12.83,19.68]	
	−1.64 [4.72]		0.42 [9.29]	−1.74 [4.58]	−0.42 [4.74]		0.41 [9.29]	
	0.10 [2259.00]		0.68 [2259.00]	0.08 [2258.00]	0.68 [2361.00]		0.68 [2361.00]	
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenameChinese	−11.69[−21.09,−2.29]*		−6.86[−23.34,9.62]	−10.32[−19.45,−1.19]*	−4.93[−14.37,4.50]		−7.27[−23.65,9.30]	
	−2.44 [4.79]		−0.82 [8.41]	−2.22 [4.66]	−1.03 [4.81]		−0.85 [8.40]	
	0.01 [2259.00]		0.41 [2259.00]	0.03 [2258.00]	0.31 [2361.00]		0.39 [2361.00]	
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenameChinese	−3.68[−12.98,5.63]		−4.36[−20.72,11.95]	−2.56[−11.59,6.48]	−3.89[−13.20,5.47]		−4.67[−21.00,11.66]	
	−0.77 [4.74]		−0.53 [8.33]	−0.55 [4.61]	−0.81 [4.76]		−0.56 [8.32]	
	0.44 [2259.00]		0.60 [2259.00]	0.58 [2258.00]	0.42 [2361.00]		0.58 [2361.00]	
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenameChinese	−1.41[−10.67,7.86]		−5.77[−22.01,10.47]	−0.17[−9.17,8.83]	2.72[−6.58,12.04]		−5.87[−22.11,10.36]	
	−0.30 [4.73]		−0.70 [8.28]	−0.04 [4.59]	0.58 [4.75]		−0.71 [8.28]	
	0.77 [2259.00]		0.49 [2259.00]	0.97 [2258.00]	0.57 [2361.00]		0.48 [2361.00]	
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenameIndian	−5.24[−14.68,4.21]		−15.69[−32.26,0.87]+	−2.65[−11.83,6.52]	0.09[−9.48,9.48]		−15.72[−32.29,0.84]+	
	−1.09 [4.82]		−1.86 [8.45]	−0.57 [4.68]	0.00 [4.83]		−1.86 [8.45]	
	0.28 [2259.00]		0.06 [2259.00]	0.57 [2258.00]	1.00 [2361.00]		0.06 [2361.00]	
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenameIndian	−2.77[−12.04,6.50]		−0.23[−16.55,16.09]	−2.56[−11.51,6.40]	−1.66[−10.96,7.65]		−0.22[−16.53,16.10]	
	−0.59 [4.73]		−0.03 [8.32]	−0.55 [4.59]	−0.35 [4.74]		−0.03 [8.32]	
	0.56 [2259.00]		0.98 [2259.00]	0.59 [2258.00]	0.73 [2361.00]		0.98 [2361.00]	
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenameIndian	−1.32[−10.72,8.07]		−6.83[−23.31,9.66]	−0.17[−9.30,8.95]	4.26[−5.17,13.74]		−6.89[−23.41,9.56]	
	−0.28 [4.79]		−0.81 [8.41]	−0.04 [4.65]	0.89 [4.81]		−0.82 [8.41]	
	0.78 [2259.00]		0.42 [2259.00]	0.97 [2258.00]	0.38 [2361.00]		0.41 [2361.00]	
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.19]***		0.19[0.17,0.21]***		0.22[0.18,0.25]***
		16.90 [0.01]		14.24 [0.01]		17.40 [0.01]		11.07 [0.02]
		0.00 [2592.00]		0.00 [2258.00]		0.00 [2592.00]		0.00 [2274.00]
EXPGRP_TEXTWhiteMorallyWrong								−0.05[−0.09,0.00]*
								−1.97 [0.02]
								0.05 [2274.00]
SD (Intercept ID)	19.40	17.68	20.31	17.83	20.44	18.47	20.31	18.56
SD (Observations)	11.25	11.27	20.34	10.95	11.28	11.04	20.34	10.89
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.027	0.068	0.077	0.079	0.014	0.067	0.077	0.072
R2 Cond.	0.755	0.731	0.538	0.748	0.770	0.754	0.538	0.762
AIC	19861.9	19847.8	22112.3	19698.9	19947.6	19817.7	22114.3	19768.7
BIC	20095.9	19870.9	22326.2	19918.6	20149.9	19840.8	22316.7	19895.9
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	9.78	9.91	18.04	9.53	9.80	9.69	18.05	9.51

p-value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.5: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	37.00	19968.62	20182.54	-9947.31	19894.62			
C2Path	38.00	19776.40	19996.10	-9850.20	19700.40	194.22	1	0.0000

Table 3.6: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
C2Path	22.00	19786.03	19913.22	-9871.02	19742.03			
CPath	35.00	20033.05	20235.40	-9981.52	19963.05	0.00	13	1.0000

Table 3.7: Model H1a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	25.88[20.30,31.47]***	28.64[27.04,30.24]***	17.82[8.84,26.80]***	22.65[17.27,28.03]***	27.22[21.60,32.84]***	28.02[26.37,29.67]***	17.82[8.84,26.80]***	23.73[18.36,29.10]***
	9.09 [2.85]	35.10 [0.82]	3.89 [4.58]	8.26 [2.74]	9.49 [2.87]	33.29 [0.84]	3.89 [4.58]	8.66 [2.74]
	0.00 [2373.00]	0.00 [2392.00]	0.00 [2373.00]	0.00 [2372.00]	0.00 [2373.00]	0.00 [2392.00]	0.00 [2373.00]	0.00 [2372.00]
EXPGRP_TEXTWhite	−2.85[−7.37,1.67]		−4.35[−10.76,2.07]	−2.12[−6.39,2.14]	0.06[−4.58,4.69]		−4.35[−10.76,2.07]	0.83[−3.50,5.16]
	−1.24 [2.31]		−1.33 [3.27]	−0.98 [2.18]	0.02 [2.36]		−1.33 [3.27]	0.38 [2.21]
	0.22 [2373.00]		0.18 [2373.00]	0.33 [2372.00]	0.98 [2373.00]		0.18 [2373.00]	0.71 [2372.00]
V_ProductMorMorallyQuestionable	6.16[2.40,9.91]**		18.63[12.11,25.14]***	3.00[−0.67,6.68]	6.20[2.48,9.92]**		18.63[12.11,25.14]***	2.80[−0.83,6.42]
	3.22 [1.91]		5.61 [3.32]	1.60 [1.87]	3.27 [1.90]		5.61 [3.32]	1.51 [1.85]
	0.00 [2373.00]		0.00 [2373.00]	0.11 [2372.00]	0.00 [2373.00]		0.00 [2373.00]	0.13 [2372.00]
V_RacenamefBlack	−1.48[−5.06,2.10]		−3.99[−10.27,2.29]	−0.74[−4.22,2.75]	−0.34[−3.89,3.20]		−3.99[−10.27,2.29]	0.46[−2.97,3.89]
	−0.81 [1.83]		−1.25 [3.20]	−0.41 [1.78]	−0.19 [1.81]		−1.25 [3.20]	0.26 [1.75]
	0.42 [2373.00]		0.21 [2373.00]	0.68 [2372.00]	0.85 [2373.00]		0.21 [2373.00]	0.79 [2372.00]
V_RacenamefChinese	−0.82[−4.41,2.78]		−3.07[−9.33,3.20]	−0.19[−3.68,3.31]	0.99[−2.57,4.55]		−3.07[−9.33,3.20]	1.66[−1.78,5.10]
	−0.45 [1.83]		−0.96 [3.20]	−0.10 [1.78]	0.55 [1.81]		−0.96 [3.20]	0.95 [1.76]
	0.66 [2373.00]		0.34 [2373.00]	0.92 [2372.00]	0.58 [2373.00]		0.34 [2373.00]	0.34 [2372.00]
V_RacenamefIndian	1.30[−2.44,5.04]		−2.85[−9.36,3.65]	1.76[−1.88,5.39]	0.95[−2.75,4.66]		−2.85[−9.36,3.65]	1.42[−2.16,5.00]
	0.68 [1.91]		−0.86 [3.32]	0.95 [1.85]	0.50 [1.89]		−0.86 [3.32]	0.78 [1.83]
	0.49 [2373.00]		0.39 [2373.00]	0.34 [2372.00]	0.61 [2373.00]		0.39 [2373.00]	0.44 [2372.00]
V_Age	0.15[0.05,0.25]**		0.09[−0.08,0.26]	0.13[0.04,0.23]**	0.11[0.01,0.20]*		0.09[−0.08,0.26]	0.09[0.00,0.18]+
	2.99 [0.05]		1.07 [0.09]	2.78 [0.05]	2.14 [0.05]		1.07 [0.09]	1.89 [0.05]
	0.00 [2373.00]		0.29 [2373.00]	0.01 [2372.00]	0.03 [2373.00]		0.29 [2373.00]	0.06 [2372.00]
V_Locationinthecity	0.54[−0.75,1.83]		−0.02[−2.27,2.23]	0.64[−0.62,1.89]	0.24[−1.05,1.52]		−0.02[−2.27,2.23]	0.35[−0.89,1.59]
	0.82 [0.66]		−0.02 [1.15]	0.99 [0.64]	0.36 [0.65]		−0.02 [1.15]	0.55 [0.63]
	0.41 [2373.00]		0.99 [2373.00]	0.32 [2372.00]	0.72 [2373.00]		0.99 [2373.00]	0.58 [2372.00]
V_Locationnearby	−0.14[−1.46,1.17]		−1.01[−3.30,1.27]	0.09[−1.19,1.36]	−0.47[−1.77,0.83]		−1.01[−3.30,1.27]	−0.20[−1.46,1.06]
	−0.22 [0.67]		−0.87 [1.17]	0.13 [0.65]	−0.70 [0.66]		−0.87 [1.17]	−0.31 [0.64]
	0.83 [2373.00]		0.38 [2373.00]	0.89 [2372.00]	0.48 [2373.00]		0.38 [2373.00]	0.75 [2372.00]
V_StoreTypedepartmentstore	1.17[−0.12,2.46]+		1.28[−0.97,3.53]	0.97[−0.29,2.23]	−0.01[−1.29,1.28]		1.28[−0.97,3.53]	−0.22[−1.46,1.02]
	1.77 [0.66]		1.11 [1.15]	1.51 [0.64]	−0.01 [0.65]		1.11 [1.15]	−0.35 [0.63]
	0.08 [2373.00]		0.27 [2373.00]	0.13 [2372.00]	0.99 [2373.00]		0.27 [2373.00]	0.73 [2372.00]
V_StoreTypesupermarket	1.41[0.12,2.70]*		1.58[−0.67,3.83]	1.17[−0.08,2.43]+	0.99[−0.30,2.27]		1.58[−0.67,3.83]	0.73[−0.51,1.97]
	2.14 [0.66]		1.38 [1.15]	1.83 [0.64]	1.51 [0.65]		1.38 [1.15]	1.16 [0.63]
	0.03 [2373.00]		0.17 [2373.00]	0.07 [2372.00]	0.13 [2373.00]		0.17 [2373.00]	0.25 [2372.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable	0.78[−3.79,5.34]		0.02[−7.91,7.94]	0.83[−3.61,5.27]	−2.18[−6.71,2.34]		0.02[−7.91,7.94]	−2.11[−6.48,2.26]
	0.33 [2.33]		0.00 [4.04]	0.37 [2.26]	−0.95 [2.31]		0.00 [4.04]	−0.95 [2.23]
	0.74 [2373.00]		1.00 [2373.00]	0.71 [2372.00]	0.34 [2373.00]		1.00 [2373.00]	0.34 [2372.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	3.01[−1.32,7.33]		3.58[−4.00,11.15]	2.39[−1.81,6.60]	−0.10[−4.38,4.18]		3.58[−4.00,11.15]	−0.76[−4.90,3.38]
	1.36 [2.20]		0.93 [3.86]	1.11 [2.15]	−0.05 [2.18]		0.93 [3.86]	−0.36 [2.11]
	0.17 [2373.00]		0.35 [2373.00]	0.26 [2372.00]	0.96 [2373.00]		0.35 [2373.00]	0.72 [2372.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	2.45[−1.94,6.85]		5.02[−2.66,12.69]	1.60[−2.68,5.87]	−1.73[−6.08,2.63]		5.02[−2.66,12.69]	−2.63[−6.85,1.58]
	1.09 [2.24]		1.28 [3.91]	0.73 [2.18]	−0.78 [2.22]		1.28 [3.91]	−1.23 [2.15]
	0.27 [2373.00]		0.20 [2373.00]	0.46 [2372.00]	0.44 [2373.00]		0.20 [2373.00]	0.22 [2372.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	0.38[−4.09,4.86]		7.09[−0.71,14.88]+	−0.74[−5.09,3.62]	−2.50[−6.94,1.93]		7.09[−0.71,14.88]+	−3.68[−7.97,0.61]+
	0.17 [2.28]		1.78 [3.98]	−0.33 [2.22]	−1.11 [2.26]		1.78 [3.98]	−1.68 [2.19]
	0.87 [2373.00]		0.07 [2373.00]	0.74 [2372.00]	0.27 [2373.00]		0.07 [2373.00]	0.09 [2372.00]
V_ProductMorMorallyQuestionableV_RacenamefBlack	2.43[−2.90,7.76]		−2.19[−11.45,7.07]	2.70[−2.48,7.88]	−0.52[−5.80,4.77]		−2.19[−11.45,7.07]	−0.23[−5.34,4.87]
	0.89 [2.72]		−0.46 [4.72]	1.02 [2.64]	−0.19 [2.69]		−0.46 [4.72]	−0.09 [2.60]
	0.37 [2373.00]		0.64 [2373.00]	0.31 [2372.00]	0.85 [2373.00]		0.64 [2373.00]	0.93 [2372.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese	−0.99[−6.58,4.59]		−4.25[−13.86,5.37]	−0.47[−5.90,4.96]	−2.51[−8.05,3.03]		−4.25[−13.86,5.37]	−1.93[−7.28,3.42]
	−0.35 [2.85]		−0.87 [4.90]	−0.17 [2.77]	−0.89 [2.83]		−0.87 [4.90]	−0.71 [2.73]
	0.73 [2373.00]		0.39 [2373.00]	0.86 [2372.00]	0.37 [2373.00]		0.39 [2373.00]	0.48 [2372.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian	−2.73[−8.39,2.93]		1.45[−8.27,11.17]	−2.91[−8.40,2.59]	−3.54[−9.15,2.08]		1.45[−8.27,11.17]	−3.69[−9.11,1.73]
	−0.95 [2.89]		0.29 [4.96]	−1.04 [2.80]	−1.24 [2.86]		0.29 [4.96]	−1.33 [2.76]
	0.34 [2373.00]		0.77 [2373.00]	0.30 [2372.00]	0.22 [2373.00]		0.77 [2373.00]	0.18 [2372.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack	−7.38[−13.92,−0.83]*		−0.84[−12.19,10.51]	−7.25[−13.61,−0.89]*	−1.83[−8.31,4.66]		−0.84[−12.19,10.51]	−1.69[−7.96,4.58]
	−2.21 [3.34]		−0.15 [5.79]	−2.24 [3.24]	−0.55 [3.31]		−0.15 [5.79]	−0.53 [3.20]
	0.03 [2373.00]		0.88 [2373.00]	0.03 [2372.00]	0.58 [2373.00]		0.88 [2373.00]	0.60 [2372.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese	−3.80[−10.56,2.97]		−4.21[−15.87,7.46]	−3.07[−9.64,3.51]	1.49[−5.22,8.20]		−4.21[−15.87,7.46]	2.25[−4.24,8.73]
	−1.10 [3.45]		−0.71 [5.95]	−0.92 [3.35]	0.44 [3.42]		−0.71 [5.95]	0.68 [3.31]
	0.27 [2373.00]		0.48 [2373.00]	0.36 [2372.00]	0.66 [2373.00]		0.48 [2373.00]	0.50 [2372.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian	−2.13[−8.98,4.71]		−10.75[−22.53,1.02]+	−0.48[−7.13,6.17]	2.85[−3.94,9.64]		−10.75[−22.53,1.02]+	4.58[−1.98,11.14]
	−0.61 [3.49]		−1.79 [6.01]	−0.14 [3.39]	0.82 [3.46]		−1.79 [6.01]	1.37 [3.35]
	0.54 [2373.00]		0.07 [2373.00]	0.89 [2372.00]	0.41 [2373.00]		0.07 [2373.00]	0.17 [2372.00]
MorallyWrong		0.19[0.17,0.21]***		0.17[0.15,0.20]***		0.19[0.17,0.21]***		0.19[0.16,0.21]***
		16.90 [0.01]		14.24 [0.01]		17.40 [0.01]		15.46 [0.01]
		0.00 [2392.00]		0.00 [2372.00]		0.00 [2392.00]		0.00 [2372.00]
SD (Intercept ID)	19.36	17.68	20.30	17.76	20.42	18.47	20.30	18.55
SD (Observations)	11.50	11.27	20.44	11.20	11.38	11.04	20.44	11.02
Num.Obs.	2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	0.017	0.068	0.071	0.071	0.010	0.067	0.071	0.068
R2 Cond.	0.743	0.731	0.532	0.736	0.765	0.754	0.532	0.757
AIC	19998.1	19847.8	22185.8	19815.1	20018.5	19817.7	22185.8	19802.9
BIC	20131.1	19870.9	22318.8	19953.9	20151.5	19840.8	22318.8	19941.6
ICC	0.7	0.7	0.5	0.7	0.8	0.7	0.5	0.7
RMSE	10.04	9.91	18.20	9.79	9.92	9.69	18.20	9.62

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.8: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	20033.05	20166.02	-9993.52	19987.05			
C2Path	24.00	19841.66	19980.42	-9896.83	19793.66	193.38	1	0.0000

Table 3.9: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	23.00	20053.26	20186.24	-10003.63	20007.26			
C2Path	24.00	19828.94	19967.70	-9890.47	19780.94	226.32	1	0.0000

3.2 H2a

Table 3.10: Model H2a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.86[−2.43,4.15] 0.51 [1.68]	2.50[1.97,3.04]*** 9.15 [6.27]	−6.33[−11.16,−1.49]* −2.56 [2.47]	0.72[−2.57,4.01] 0.43 [1.68]	3.11[−0.31,6.54]+ 1.78 [1.75]	3.16[2.55,3.76]*** 10.08 [6.31]	−6.33[−11.16,−1.49]* −2.56 [2.47]	3.02[−0.41,6.45]+ 1.73 [1.75]
EXPGRP_TEXTWhite	0.61 [4753.00] −1.15[−3.93,1.63] −0.81 [1.42]	0.40 [4788.00]	0.01 [4753.00] −0.57[−4.59,3.45] −0.28 [2.05]	0.67 [4752.00] −1.16[−3.95,1.62] −0.82 [1.42]	0.07 [4753.00] 1.24[−1.69,4.16] 0.83 [1.49]	0.00 [4788.00]	0.01 [4753.00] −0.57[−4.59,3.45] −0.28 [2.05]	0.08 [4752.00] 1.22[−1.70,4.15] 0.82 [1.49]
V_Productcigarettes	0.42 [4753.00] −0.02[−3.06,3.02] −0.01 [1.55]		0.78 [4753.00] 0.59[−3.94,5.11] 0.25 [2.31]	0.41 [4752.00] −0.01[−3.05,3.03] 0.00 [1.55]	0.41 [4753.00] 0.84[−2.30,3.99] 0.53 [1.60]		0.78 [4753.00] 0.59[−3.94,5.11] 0.25 [2.31]	0.41 [4752.00] 0.85[−2.29,3.99] 0.53 [1.60]
V_Producthardwaresupplies	0.99 [4753.00] −0.92[−4.01,2.18] −0.58 [1.58]		0.80 [4753.00] 0.54[−4.07,5.16] 0.23 [2.35]	1.00 [4752.00] −0.89[−3.98,2.21] −0.56 [1.58]	0.60 [4753.00] 1.86[−1.54,5.06] 1.14 [1.63]		0.80 [4753.00] 0.54[−4.07,5.16] 0.23 [2.35]	0.60 [4752.00] 1.89[−1.31,5.08] 1.16 [1.63]
V_Productpaper	0.56 [4753.00] 0.52[−2.50,3.54] 0.34 [1.54]		0.82 [4753.00] 1.17[−3.32,5.66] 0.51 [2.29]	0.57 [4752.00] 0.53[−2.49,3.55] 0.34 [1.54]	0.25 [4753.00] 1.74[−1.38,4.86] 1.09 [1.59]		0.82 [4753.00] 1.17[−3.32,5.66] 0.51 [2.29]	0.25 [4752.00] 1.75[−1.37,4.86] 1.10 [1.59]
V_Productpapertoilet	0.74 [4753.00] −1.48[−4.51,1.55] −0.96 [1.54]		0.61 [4753.00] −1.65[−6.15,2.86] −0.72 [2.30]	0.73 [4752.00] −1.51[−4.53,1.52] −0.98 [1.54]	0.27 [4753.00] 0.85[−2.27,3.98] 0.54 [1.59]		0.61 [4753.00] −1.65[−6.15,2.86] −0.72 [2.30]	0.27 [4752.00] 0.84[−2.29,3.96] 0.52 [1.59]
V_RacenameBlack	0.34 [4753.00] −1.91[−4.90,1.07] −1.26 [1.52]		0.47 [4753.00] −1.29[−5.73,3.14] −0.57 [2.26]	0.33 [4752.00] −1.94[−4.92,1.04] −1.27 [1.52]	0.59 [4753.00] −0.24[−3.32,2.85] −0.15 [1.57]		0.47 [4753.00] −1.29[−5.73,3.14] −0.57 [2.26]	0.60 [4752.00] −0.26[−3.34,2.83] −0.16 [1.57]
V_RacenameChinese	0.21 [4753.00] −0.69[−3.86,2.48] −0.43 [1.62]		0.57 [4753.00] −2.70[−7.42,2.02] −1.12 [2.41]	0.20 [4752.00] −0.75[−3.92,2.42] −0.46 [1.62]	0.88 [4753.00] −0.96[−4.23,2.31] −0.58 [1.67]		0.57 [4753.00] −2.70[−7.42,2.02] −1.12 [2.41]	0.87 [4752.00] −1.00[−4.28,2.27] −0.60 [1.67]
V_RacenameIndian	0.67 [4753.00] 0.06[0.01,0.12]* 2.17 [0.03]		0.26 [4753.00] 0.07[−0.01,0.15]+ 1.69 [0.04]	0.64 [4752.00] 0.06[0.01,0.12]* 2.22 [0.03]	0.56 [4753.00] 0.01[−0.05,0.07] 0.41 [0.03]		0.26 [4753.00] 0.07[−0.01,0.15]+ 1.69 [0.04]	0.55 [4752.00] 0.01[−0.04,0.07] 0.45 [0.03]
V_Age	0.03 [4753.00] −0.02[−0.76,0.72] −0.05 [0.38]		0.09 [4753.00] −0.12[−1.22,0.98] −0.21 [0.56]	0.03 [4752.00] −0.02[−0.76,0.72] −0.06 [0.38]	0.68 [4753.00] −0.12[−0.88,0.65] −0.30 [0.39]		0.09 [4753.00] −0.12[−1.22,0.98] −0.21 [0.56]	0.66 [4752.00] −0.12[−0.88,0.65] −0.30 [0.39]
V_Locationinthecity	0.96 [4753.00] 0.13[−0.61,0.88] 0.35 [0.38]		0.83 [4753.00] 0.84[−0.28,1.95] 1.47 [0.57]	0.95 [4752.00] 0.15[−0.60,0.90] 0.40 [0.38]	0.77 [4753.00] −0.08[−0.85,0.69] −0.21 [0.39]		0.83 [4753.00] 0.84[−0.28,1.95] 1.47 [0.57]	0.76 [4752.00] −0.07[−0.84,0.70] −0.17 [0.39]
V_Locationnearby	0.72 [4753.00] 0.10[−0.64,0.84] 0.26 [0.38]		0.14 [4753.00] 0.80[−0.31,1.90] 1.41 [0.56]	0.69 [4752.00] 0.11[−0.63,0.85] 0.30 [0.38]	0.84 [4753.00] −0.5[−1.30,0.22] −1.39 [0.39]		0.14 [4753.00] 0.80[−0.31,1.90] 1.41 [0.56]	0.86 [4752.00] −0.53[−1.29,0.23] −1.37 [0.39]
V_StoreTypedepartmentstore	0.80 [4753.00] 0.17[−0.57,0.91] 0.45 [0.38]		0.16 [4753.00] 0.79[−0.31,1.90] 1.41 [0.56]	0.77 [4752.00] 0.19[−0.53,0.93] 0.51 [0.38]	0.16 [4753.00] −0.16[−0.93,0.60] −0.42 [0.39]		0.16 [4753.00] 0.79[−0.31,1.90] 1.41 [0.56]	0.17 [4752.00] 0.15[−0.91,0.61] −0.39 [0.39]
V_StoreTypesupermarket	0.65 [4753.00] 2.23[−1.47,5.93] 1.18 [1.89]		0.16 [4753.00] −1.14[−6.65,4.37] −0.40 [2.84]	0.61 [4752.00] 2.21[−1.49,5.91] 1.17 [1.89]	0.67 [4753.00] −1.68[−4.82,2.83] −0.51 [1.95]		0.16 [4753.00] −1.14[−6.65,4.37] −0.40 [2.84]	0.70 [4752.00] −1.01[−4.84,2.81] −0.52 [1.95]
EXPGRP_TEXTWhiteV_Productcigarettes	0.24 [4753.00] 0.94[−2.79,4.66] 0.50 [1.90]		0.69 [4753.00] 1.26[−4.18,6.69] 0.48 [2.82]	0.24 [4752.00] 0.96[−2.76,4.67] 0.50 [1.90]	0.61 [4753.00] −3.35[−7.19,0.49]+ −1.71 [1.96]		0.69 [4753.00] 1.26[−4.18,6.69] 0.48 [2.82]	0.60 [4752.00] −3.34[−7.18,0.49]+ −1.71 [1.96]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	0.62 [4753.00] −1.08[−4.74,2.57] −0.58 [1.87]		0.63 [4753.00] −1.89[−7.24,3.65] −0.65 [2.78]	0.61 [4752.00] −1.11[−4.76,2.55] −0.59 [1.87]	0.09 [4753.00] −4.39[−8.08,−0.52]* −2.23 [1.93]		0.63 [4753.00] −1.89[−7.24,3.65] −0.65 [2.78]	0.09 [4752.00] −4.31[−8.09,−0.53]* −2.24 [1.93]
EXPGRP_TEXTWhiteV_Productpaper	0.56 [4753.00] 2.99[−0.67,6.66] 1.60 [1.87]		0.52 [4753.00] 3.17[−2.28,8.63] 1.14 [2.78]	0.55 [4752.00] 3.06[−0.60,6.72] 1.64 [1.87]	0.03 [4753.00] −2.35[−6.11,1.45] −1.21 [1.93]		0.52 [4753.00] 3.17[−2.28,8.63] 1.14 [2.78]	0.03 [4752.00] −2.26[−6.06,1.56] −1.18 [1.93]
EXPGRP_TEXTWhiteV_RacenameBlack	0.11 [4753.00] 1.89[−1.77,5.55] 1.01 [1.87]		0.25 [4753.00] 2.62[−2.83,8.06] 0.94 [2.78]	0.10 [4752.00] 1.95[−1.71,5.61] 1.04 [1.87]	0.23 [4753.00] −1.46[−5.36,2.30] −0.77 [1.93]		0.25 [4753.00] 2.62[−2.83,8.06] 0.94 [2.78]	0.24 [4752.00] −1.44[−5.22,2.34] −0.75 [1.93]
EXPGRP_TEXTWhiteV_RacenameChinese	0.31 [4753.00] 0.55[−3.23,4.33] 0.29 [1.93]		0.35 [4753.00] 2.64[−2.99,8.26] 0.92 [2.87]	0.30 [4752.00] 0.61[−3.16,4.39] 0.32 [1.93]	0.44 [4753.00] −2.06[−5.99,1.82] −1.05 [1.99]		0.35 [4753.00] 2.64[−2.99,8.26] 0.92 [2.87]	0.45 [4752.00] −2.04[−5.94,1.86] −1.02 [1.99]
EXPGRP_TEXTWhiteV_RacenameIndian	0.77 [4753.00] 2.67[−1.64,6.98] 1.22 [2.20]		0.36 [4753.00] −3.03[−9.41,3.34] −0.93 [3.25]	0.75 [4752.00] 2.61[−1.70,6.91] 1.19 [2.20]	0.30 [4753.00] −1.42[−5.88,3.04] −0.62 [2.27]		0.36 [4753.00] −3.03[−9.41,3.34] −0.93 [3.25]	0.31 [4752.00] −1.46[−5.92,3.00] −0.64 [2.27]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	0.22 [4753.00] 1.00[−3.50,5.49] 0.43 [2.29]		0.35 [4753.00] 2.01[−4.61,8.62] 0.59 [3.38]	0.24 [4752.00] 1.01[−3.48,5.51] 0.44 [2.29]	0.53 [4753.00] −1.74[−6.40,2.92] −0.73 [2.38]		0.35 [4753.00] 2.01[−4.61,8.62] 0.59 [3.38]	0.52 [4752.00] −1.73[−6.39,2.93] −0.73 [2.38]
EXPGRP_TEXTWhiteV_Productpapertoilet	0.66 [4753.00] 0.29[−4.09,4.66] 0.12 [2.23]		0.55 [4753.00] −0.51[−6.98,5.96] −0.15 [3.30]	0.66 [4752.00] 0.28[−4.10,4.65] 0.12 [2.23]	0.46 [4753.00] −1.30[−5.83,3.23] −0.56 [2.31]		0.55 [4753.00] −0.51[−6.98,5.96] −0.15 [3.30]	0.47 [4752.00] −1.31[−5.84,3.22] −0.57 [2.31]
EXPGRP_TEXTWhiteV_RacenameBlack*Chinese	0.90 [4753.00] −1.35[−5.81,3.11] −0.59 [2.28]		0.88 [4753.00] −3.05[−9.62,3.52] −0.91 [3.35]	0.90 [4752.00] −1.42[−5.88,3.04] −0.63 [2.27]	0.57 [4753.00] −1.46[−6.30,3.14] −0.63 [2.36]		0.88 [4753.00] −3.05[−9.62,3.52] −0.91 [3.35]	0.57 [4752.00] −1.52[−6.14,3.10] −0.65 [2.36]
EXPGRP_TEXTWhiteV_RacenameChinese	0.55 [4753.00] 1.06[−3.30,5.42] 0.46 [2.23]		0.36 [4753.00] 1.29[−5.14,7.73] 0.39 [3.28]	0.53 [4752.00] 1.08[−3.28,5.43] 0.48 [2.22]	0.53 [4753.00] −1.43[−5.95,3.08] −0.62 [2.39]		0.36 [4753.00] 1.29[−5.14,7.73] 0.39 [3.28]	0.52 [4752.00] −1.43[−5.94,3.09] −0.62 [2.39]
EXPGRP_TEXTWhiteV_RacenameIndian	0.63 [4753.00] −1.71[−6.06,2.64] −0.77 [2.22]		0.69 [4753.00] −1.65[−8.05,4.75] −0.51 [3.27]	0.63 [4752.00] −1.72[−6.07,2.63] −0.78 [2.22]	0.53 [4753.00] −4.52[−9.03,−0.02]* −1.97 [2.30]		0.69 [4753.00] −1.65[−8.05,4.75] −0.51 [3.27]	0.54 [4752.00] −4.53[−9.03,−0.02]* −1.97 [2.30]
V_Productpapertoilet*V_RacenameBlack	0.44 [4753.00] 0.12[−4.34,4.59] 0.05 [2.28]		0.61 [4753.00] 3.14[−3.45,9.72] 0.93 [3.36]	0.44 [4752.00] 0.21[−4.26,4.67] 0.09 [2.28]	0.05 [4753.00] 0.24[−4.38,4.87] 0.10 [2.36]		0.61 [4753.00] 3.14[−3.45,9.72] 0.93 [3.36]	0.05 [4752.00] 0.30[−4.32,4.92] 0.13 [2.36]
V_Productpapertoilet*V_RacenameChinese	0.96 [4753.00] 1.69[−2.74,6.12] 0.75 [2.26]		0.35 [4753.00] 2.88[−3.68,9.45] 0.86 [3.35]	0.93 [4752.00] 1.73[−2.70,6.16] 0.76 [2.26]	0.92 [4753.00] −1.02[−5.61,3.56] −0.44 [2.34]		0.35 [4753.00] 2.88[−3.68,9.45] 0.86 [3.35]	0.96 [4752.00] −1.00[−5.59,3.58] −0.43 [2.34]
V_Productpapertoilet*V_RacenameIndian	0.45 [4753.00] −2.20[−6.68,2.28] −0.96 [2.28]		0.39 [4753.00] 1.07[−5.53,7.67] 0.32 [3.37]	0.44 [4752.00] −2.16[−6.63,2.32] −0.94 [2.28]	0.66 [4753.00] −0.23[−4.87,4.40] −0.10 [2.37]		0.39 [4753.00] 1.07[−5.53,7.67] 0.32 [3.37]	0.67 [4752.00] −0.20[−4.84,4.44] −0.09 [2.37]
EXPGRP_TEXTWhiteV_Productcigarettes*V_RacenameBlack	0.75 [4753.00] −6.01[−11.90,−1.55]* −2.45 [2.70]		0.75 [4753.00] 0.56[−7.24,8.39] 0.14 [3.99]	0.34 [4752.00] −6.00[−11.89,−1.32]* −2.45 [2.70]	0.92 [4753.00] 2.00[−3.47,7.47] 0.72 [2.79]		0.75 [4753.00] 0.56[−7.24,8.39] 0.14 [3.99]	0.93 [4752.00] 2.01[−3.46,7.48] 0.72 [2.79]
EXPGRP_TEXTWhiteV_Producthardwaresupplies*V_RacenameBlack	0.01 [4753.00] −2.49[−7.81,2.80] −0.87 [2.76]		0.88 [4753.00] −3.39[−11.34,4.58] −0.83 [4.06]	0.01 [4752.00] −2.47[−7.87,2.94] −0.89 [2.76]	0.47 [4753.00] 2.90[−2.70,8.50] 1.01 [2.86]		0.88 [4753.00] −3.39[−11.34,4.58] −0.83 [4.06]	0.47 [4752.00] 2.86[−2.74,8.46] 1.00 [2.86]
EXPGRP_TEXTWhiteV_Productpapertoilet*V_RacenameBlack	0.38 [4753.00] −0.61[−5.94,4.71] −0.23 [2.72]		0.41 [4753.00] 0.30[−7.57,8.16] 0.07 [4.01]	0.37 [4752.00] −0.62[−5.94,4.70] −0.23 [2.71]	0.31 [4753.00] 3.73[−1.78,9.24] 1.33 [2.81]		0.41 [4753.00] 0.30[−7.57,8.16] 0.07 [4.01]	0.32 [4752.00] 3.73[−1.78,9.24] 1.33 [2.81]
EXPGRP_TEXTWhiteV_Productcigarettes*V_RacenameChinese	0.82 [4753.00] −0.26[−5.65,5.13] −0.09 [2.75]		0.94 [4753.00] 2.73[−5.22,10.68] 0.67 [4.05]	0.92 [4752.00] −0.19[−5.58,5.21] −0.07 [2.75]	0.18 [4753.00] 1.86[−3.79,7.39] 0.63 [2.85]		0.94 [4753.00] 2.73[−5.22,10.68] 0.67 [4.05]	0.18 [4752.00] 1.85[−3.74,7.44] 0.65 [2.85]
EXPGRP_TEXTWhiteV_Productcigarettes*V_RacenameIndian	0.92 [4753.00] −1.25[−6.59,4.09] −0.46 [2.73]		0.50 [4753.00] −1.95[−9.84,5.94] −0.49 [4.02]	0.95 [4752.00] −1.27[−6.62,4.07] −0.47 [2.72]	0.53 [4753.00] 1.76[−3.77,7.29] 0.62 [2.82]		0.50 [4753.00] −1.95[−9.84,5.94] −0.49 [4.02]	0.52 [4752.00] 1.75[−3.78,7.28] 0.62 [2.82]
EXPGRP_TEXTWhiteV_Productpapertoilet*V_RacenameChinese	0.65 [4753.00] 2.76[−2.56,8.07] 1.02 [2.71]		0.63 [4753.00] 0.02[−7.81,7.86] 0.01 [3.99]	0.64 [4752.00] 2.73[−2.58,8.05] 1.01 [2.71]	0.53 [4753.00] 8.47[2.96,13.97]** 3.01 [2.81]		0.63 [4753.00] 0.02[−7.81,7.86] 0.01 [3.99]	0.54 [4752.00] 8.45[2.94,13.95]** 3.01 [2.81]
EXPGRP_TEXTWhiteV_Productcigarettes*V_RacenameIndian	0.31 [4753.00] −2.50[−7.95,2.92] −0.91 [2.77]		1.00 [4753.00] −0.10[−8.09,7.90] −0.02 [4.08]	0.31 [4752.00] −2.53[−7.95,2.89] −0.91 [2.76]	0.00 [4753.00] 0.93[−4.68,6.55] 0.33 [2.86]		1.00 [4753.00] −0.10[−8.09,7.90] −0.02 [4.08]	0.00 [4752.00] 0.91[−4.70,6.53] 0.32 [2.86]
EXPGRP_TEXTWhiteV_Producthardwaresupplies*V_RacenameIndian	0.37 [4753.00] −0.62[−5.96,4.73] −0.23 [2.73]		0.98 [4753.00] −2.19[−10.10,5.73] −0.54 [4.04]	0.36 [4752.00] −0.64[−5.98,4.70] −0.23 [2.73]	0.74 [4753.00] 4.33[−1.20,9.86] 1.54 [2.82]		0.98 [4753.00] −2.19[−10.10,5.73] −0.54 [4.04]	0.75 [4752.00] 4.32[−1.21,9.85] 1.53 [2.82]
EXPGRP_TEXTWhiteV_Productpapertoilet*V_RacenameIndian	0.82 [4753.00] 2.58[−2.82,7.99] 0.94 [2.76]		0.59 [4753.00] 0.59[−7.38,8.55] 0.14 [4.00]	0.84 [4752.00] 2.57[−2.84,7.97] 0.93 [2.76]	0.12 [4753.00] 4.88[−0.72,10.47]+ 1.71 [2.86]		0.59 [4753.00] 0.59[−7.38,8.55] 0.14 [4.00]	0.13 [4752.00] 4.87[−0.73,10.46]+ 1.70 [2.85]
MWOther_Self	0.35 [4753.00]	−0.02[−0.04,0.00]* −2.06 [0.01] 0.04 [4788.00]	0.89 [4753.00]	0.35 [4752.00] −0.02[−0.04,0.00]* −2.22 [0.01] 0.03 [4752.00]	0.09 [4753.00]	−0.01[−0.03,0.01] −1.44 [0.01] 0.15 [4788.00]	0.89 [4753.00]	0.09 [4752.00] −0.01[−0.03,0.01] −1.45 [0.01] 0.15 [4752.00]
SD (Intercept ID)	5.75	5.75	5.72	5.76	6.84	6.83	5.72	6.83
SD (Observations)	9.53	9.53	14.67	9.52	9.75	9.75	14.67	9.75
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.008	0.001	0.011	0.009	0.007	0.000	0.011	0.007
R2 Cond.	0.273	0.267	0.141	0.274	0.335	0.329	0.141	0.335
AIC	36017.0	36020.5	39780.5	36021.5	36360.8	36396.0	39780.5	36377.1
BIC	36269.5	36065.4	40033.1	36 280.5	36 622.3	36 421.9	40033.1	36 636.1
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.04	9.08	14.10	9.03	9.23	9.25	14.10	9.21

p.value, [df.error]
t, [std.error]
Estimate [95Confinterval]

Table 3.11: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	36056.84	36309.35	-17989.42	35978.84			
C2Path	40.00	36053.89	36312.87	-17986.95	35973.89	4.95	1	0.0261

Table 3.12: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	36412.27	36664.77	-18167.13	36334.27			
C2Path	40.00	36412.16	36671.14	-18166.08	36332.16	2.10	1	0.1469

Table 3.13: Model H2a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.97[−2.26,4.21] 0.59 [1.65] 0.55 [4757.00]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	−5.58[−10.34,−0.83]* −2.30 [2.43] 0.02 [4757.00]	0.85[−2.38,4.08] 0.52 [1.65] 0.61 [4756.00]	2.76[−0.60,6.13] 1.61 [1.72] 0.11 [4757.00]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	−5.58[−10.34,−0.83]* −2.30 [2.43] 0.02 [4757.00]	2.68[−0.69,6.05] 1.56 [1.72] 0.12 [4756.00]
EXPGRP_TEXTWhite	−1.15[−3.93,1.63] −0.81 [1.42] 0.42 [4757.00]		−0.56[−4.58,3.46] −0.27 [2.05] 0.79 [4757.00]	−1.17[−3.94,1.61] −0.82 [1.42] 0.41 [4756.00]	1.21[−1.72,4.13] 0.81 [1.49] 0.42 [4757.00]		−0.56[−4.58,3.46] −0.27 [2.05] 0.79 [4757.00]	1.20[−1.73,4.12] 0.80 [1.49] 0.42 [4756.00]
V_Productcigarettes	0.00[−3.04,3.04] 0.00 [1.55] 1.00 [4757.00]		0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4757.00]	0.01[−3.03,3.05] 0.01 [1.55] 0.99 [4756.00]	0.87[−2.27,4.02] 0.55 [1.60] 0.59 [4757.00]		0.62[−3.91,5.15] 0.27 [2.31] 0.79 [4757.00]	0.88[−2.26,4.02] 0.55 [1.60] 0.58 [4756.00]
V_Producthardwaresupplies	−0.89[−3.99,2.20] −0.57 [1.58] 0.57 [4757.00]		0.65[−3.96,5.26] 0.28 [2.35] 0.78 [4757.00]	−0.86[−3.95,2.23] −0.55 [1.58] 0.59 [4756.00]	1.87[−1.33,5.06] 1.15 [1.63] 0.25 [4757.00]		0.65[−3.96,5.26] 0.28 [2.35] 0.78 [4757.00]	1.89[−1.30,5.09] 1.16 [1.63] 0.25 [4756.00]
V_Producttoiletpaper	0.51[−2.51,3.52] 0.33 [1.54] 0.74 [4757.00]		1.09[−3.40,5.58] 0.48 [2.29] 0.63 [4757.00]	0.52[−2.50,3.53] 0.34 [1.54] 0.74 [4756.00]	1.76[−1.36,4.88] 1.11 [1.59] 0.27 [4757.00]		1.09[−3.40,5.58] 0.48 [2.29] 0.63 [4757.00]	1.77[−1.35,4.88] 1.11 [1.59] 0.27 [4756.00]
V_RacenamefBlack	−1.48[−4.51,1.54] −0.96 [1.54] 0.34 [4757.00]		−1.71[−6.21,2.80] −0.74 [2.30] 0.46 [4757.00]	−1.51[−4.54,1.51] −0.98 [1.54] 0.33 [4756.00]	0.83[−2.29,3.95] 0.52 [1.59] 0.60 [4757.00]		−1.71[−6.21,2.80] −0.74 [2.30] 0.46 [4757.00]	0.81[−2.31,3.93] 0.51 [1.59] 0.61 [4756.00]
V_RacenamefChinese	−1.92[−4.90,1.07] −1.26 [1.52] 0.21 [4757.00]		−1.33[−5.77,3.11] −0.59 [2.26] 0.56 [4757.00]	−1.94[−4.93,1.04] −1.28 [1.52] 0.20 [4756.00]	−0.23[−3.32,2.85] −0.15 [1.57] 0.88 [4757.00]		−1.33[−5.77,3.11] −0.59 [2.26] 0.56 [4757.00]	−0.25[−3.34,2.83] −0.16 [1.57] 0.87 [4756.00]
V_RacenamefIndian	−0.68[−3.85,2.48] −0.42 [1.61] 0.67 [4757.00]		−2.70[−7.42,2.01] −1.12 [2.40] 0.26 [4757.00]	−0.74[−3.90,2.42] −0.46 [1.61] 0.65 [4756.00]	−0.96[−4.23,2.31] −0.58 [1.67] 0.56 [4757.00]		−2.70[−7.42,2.01] −1.12 [2.40] 0.26 [4757.00]	−1.00[−4.27,2.27] −0.60 [1.67] 0.55 [4756.00]
V_Age	0.06[0.01,0.12]* 2.18 [0.03] 0.03 [4757.00]		0.07[−0.01,0.16]+ 1.72 [0.04] 0.09 [4757.00]	0.06[0.01,0.12]* 2.24 [0.03] 0.03 [4756.00]	0.01[−0.04,0.07] 0.44 [0.03] 0.66 [4757.00]		0.07[−0.01,0.16]+ 1.72 [0.04] 0.09 [4757.00]	0.01[−0.04,0.07] 0.48 [0.03] 0.63 [4756.00]
EXPGRP_TEXTWhiteV_Productcigarettes	2.21[−1.49,5.91] 1.17 [1.89] 0.24 [4757.00]		−1.25[−6.76,4.26] −0.44 [2.81] 0.66 [4757.00]	2.19[−1.51,5.88] 1.16 [1.89] 0.25 [4756.00]	−1.00[−4.82,2.82] −0.51 [1.95] 0.61 [4757.00]		−1.25[−6.76,4.26] −0.44 [2.81] 0.66 [4757.00]	−1.02[−4.84,2.81] −0.52 [1.95] 0.60 [4756.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	0.94[−2.78,4.65] 0.49 [1.90] 0.62 [4757.00]		1.31[−4.22,6.85] 0.47 [2.82] 0.64 [4757.00]	0.95[−2.76,4.67] 0.50 [1.89] 0.62 [4756.00]	−3.31[−7.15,0.52]+ −1.69 [1.96] 0.09 [4757.00]		1.31[−4.22,6.85] 0.47 [2.82] 0.64 [4757.00]	−3.30[−7.14,0.53]+ −1.69 [1.96] 0.09 [4756.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	−1.09[−4.74,2.56] −0.59 [1.86] 0.56 [4757.00]		−1.85[−7.28,3.58] −0.67 [2.77] 0.50 [4757.00]	−1.11[−4.76,2.53] −0.60 [1.86] 0.55 [4756.00]	−4.26[−8.03,−0.49]* −2.22 [1.92] 0.03 [4757.00]		−1.85[−7.28,3.58] −0.67 [2.77] 0.50 [4757.00]	−4.28[−8.05,−0.51]* −2.22 [1.92] 0.03 [4756.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	2.98[−0.68,6.64] 1.60 [1.87] 0.11 [4757.00]		3.12[−2.34,8.57] 1.12 [2.78] 0.26 [4757.00]	3.05[−0.61,6.70] 1.63 [1.87] 0.10 [4756.00]	−2.29[−6.07,1.49] −1.19 [1.93] 0.23 [4757.00]		3.12[−2.34,8.57] 1.12 [2.78] 0.26 [4757.00]	−2.25[−6.03,1.53] −1.17 [1.93] 0.24 [4756.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	1.89[−1.77,5.54] 1.01 [1.86] 0.31 [4757.00]		2.56[−2.88,8.00] 0.92 [2.77] 0.36 [4757.00]	1.94[−1.71,5.59] 1.04 [1.86] 0.30 [4756.00]	−1.46[−5.23,2.32] −0.76 [1.93] 0.45 [4757.00]		2.56[−2.88,8.00] 0.92 [2.77] 0.36 [4757.00]	−1.42[−5.20,2.35] −0.74 [1.93] 0.46 [4756.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	0.55[−3.22,4.32] 0.29 [1.92] 0.77 [4757.00]		2.62[−3.00,8.23] 0.91 [2.87] 0.36 [4757.00]	0.62[−3.15,4.38] 0.32 [1.92] 0.75 [4756.00]	−2.02[−5.91,1.87] −1.02 [1.99] 0.31 [4757.00]		2.62[−3.00,8.23] 0.91 [2.87] 0.36 [4757.00]	−1.98[−5.87,1.92] −1.00 [1.99] 0.32 [4756.00]
V_ProductcigarettesV_RacenamefBlack	2.65[−1.66,6.95] 1.21 [2.20] 0.23 [4757.00]		−3.08[−9.45,3.29] −0.95 [3.25] 0.34 [4757.00]	2.58[−1.72,6.88] 1.18 [2.20] 0.24 [4756.00]	−1.41[−5.86,3.05] −0.62 [2.27] 0.54 [4757.00]		−3.08[−9.45,3.29] −0.95 [3.25] 0.34 [4757.00]	−1.45[−5.91,3.00] −0.64 [2.27] 0.52 [4756.00]
V_ProducthardwaresuppliesV_RacenamefBlack	0.93[−3.56,5.42] 0.41 [2.29] 0.68 [4757.00]		1.69[−4.92,8.29] 0.50 [3.37] 0.62 [4757.00]	0.94[−3.54,5.43] 0.41 [2.29] 0.68 [4756.00]	−1.66[−6.31,2.99] −0.70 [2.37] 0.48 [4757.00]		1.69[−4.92,8.29] 0.50 [3.37] 0.62 [4757.00]	−1.66[−6.31,2.99] −0.70 [2.37] 0.49 [4756.00]
V_ProducttoiletpaperV_RacenamefBlack	0.31[−4.06,4.68] 0.14 [2.23] 0.89 [4757.00]		−0.37[−6.84,6.10] −0.11 [3.30] 0.91 [4757.00]	0.30[−4.07,4.67] 0.14 [2.23] 0.89 [4756.00]	−1.29[−5.82,3.23] −0.56 [2.31] 0.58 [4757.00]		−0.37[−6.84,6.10] −0.11 [3.30] 0.91 [4757.00]	−1.30[−5.83,3.23] −0.56 [2.31] 0.57 [4756.00]
V_ProductcigarettesV_RacenamefChinese	−1.38[−5.83,3.08] −0.61 [2.27] 0.54 [4757.00]		−3.12[−9.68,3.45] −0.93 [3.35] 0.35 [4757.00]	−1.45[−5.91,3.00] −0.64 [2.27] 0.52 [4756.00]	−1.56[−6.18,3.05] −0.66 [2.35] 0.51 [4757.00]		−3.12[−9.68,3.45] −0.93 [3.35] 0.35 [4757.00]	−1.61[−6.23,3.00] −0.68 [2.35] 0.49 [4756.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.06[−3.30,5.42] 0.48 [2.22] 0.63 [4757.00]		1.27[−5.16,7.71] 0.39 [3.28] 0.70 [4757.00]	1.07[−3.28,5.43] 0.48 [2.22] 0.63 [4756.00]	−1.45[−5.96,3.06] −0.63 [2.30] 0.53 [4757.00]		1.27[−5.16,7.71] 0.39 [3.28] 0.70 [4757.00]	−1.44[−5.95,3.07] −0.63 [2.30] 0.53 [4756.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.69[−6.03,2.66] −0.76 [2.22] 0.45 [4757.00]		−1.51[−7.91,4.88] −0.46 [3.26] 0.64 [4757.00]	−1.70[−6.04,2.65] −0.77 [2.21] 0.44 [4756.00]	−4.53[−9.03,−0.03]* −1.97 [2.30] 0.05 [4757.00]		−1.51[−7.91,4.88] −0.46 [3.26] 0.64 [4757.00]	−4.53[−9.04,−0.03]* −1.97 [2.30] 0.05 [4756.00]
V_ProductcigarettesV_RacenamefIndian	0.12[−4.34,4.58] 0.05 [2.27] 0.96 [4757.00]		3.18[−3.40,9.76] 0.95 [3.36] 0.34 [4757.00]	0.21[−4.25,4.66] 0.09 [2.27] 0.93 [4756.00]	0.24[−4.38,4.86] 0.10 [2.36] 0.92 [4757.00]		3.18[−3.40,9.76] 0.95 [3.36] 0.34 [4757.00]	0.30[−4.32,4.92] 0.13 [2.36] 0.90 [4756.00]
V_ProducthardwaresuppliesV_RacenamefIndian	1.67[−2.76,6.09] 0.74 [2.26] 0.46 [4757.00]		2.75[−3.82,9.31] 0.82 [3.35] 0.41 [4757.00]	1.70[−2.73,6.12] 0.75 [2.26] 0.45 [4756.00]	−0.99[−5.57,3.58] −0.42 [2.33] 0.67 [4757.00]		2.75[−3.82,9.31] 0.82 [3.35] 0.41 [4757.00]	−0.97[−5.55,3.60] −0.42 [2.33] 0.68 [4756.00]
V_ProducttoiletpaperV_RacenamefIndian	−2.20[−6.67,2.26] −0.97 [2.28] 0.33 [4757.00]		1.13[−5.46,7.71] 0.33 [3.36] 0.74 [4757.00]	−2.16[−6.63,2.31] −0.95 [2.28] 0.34 [4756.00]	−0.28[−4.91,4.35] −0.12 [2.36] 0.90 [4757.00]		1.13[−5.46,7.71] 0.33 [3.36] 0.74 [4757.00]	−0.25[−4.88,4.38] −0.11 [2.36] 0.92 [4756.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	−6.55[−11.83,−1.27]* −2.43 [2.69] 0.01 [4757.00]		0.83[−6.98,8.64] 0.21 [3.98] 0.83 [4757.00]	−6.54[−11.81,−1.26]* −2.43 [2.69] 0.02 [4756.00]	1.97[−3.49,7.44] 0.71 [2.79] 0.48 [4757.00]		0.83[−6.98,8.64] 0.21 [3.98] 0.83 [4757.00]	1.99[−3.47,7.45] 0.71 [2.79] 0.48 [4756.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.34[−7.74,3.06] −0.85 [2.75] 0.40 [4757.00]		−3.03[−10.98,4.93] −0.75 [4.06] 0.46 [4757.00]	−2.39[−7.79,3.01] −0.87 [2.75] 0.39 [4756.00]	2.81[−2.78,8.41] 0.99 [2.85] 0.32 [4757.00]		−3.03[−10.98,4.93] −0.75 [4.06] 0.46 [4757.00]	2.78[−2.82,8.37] 0.97 [2.85] 0.33 [4756.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	−0.61[−5.92,4.71] −0.22 [2.71] 0.82 [4757.00]		0.33[−7.52,8.19] 0.08 [4.01] 0.93 [4757.00]	−0.61[−5.92,4.71] −0.22 [2.71] 0.82 [4756.00]	3.71[−1.79,9.21] 1.32 [2.81] 0.19 [4757.00]		0.33[−7.52,8.19] 0.08 [4.01] 0.93 [4757.00]	3.71[−1.79,9.21] 1.32 [2.81] 0.19 [4756.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	−0.23[−5.61,5.16] −0.08 [2.75] 0.93 [4757.00]		2.87[−5.07,10.81] 0.71 [4.05] 0.48 [4757.00]	−0.15[−5.53,5.23] −0.06 [2.75] 0.96 [4756.00]	1.90[−3.67,7.48] 0.67 [2.84] 0.50 [4757.00]		2.87[−5.07,10.81] 0.71 [4.05] 0.48 [4757.00]	1.96[−3.62,7.53] 0.69 [2.84] 0.49 [4756.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−1.27[−6.61,4.07] −0.47 [2.72] 0.64 [4757.00]		−2.02[−9.91,5.86] −0.50 [4.02] 0.62 [4757.00]	−1.30[−6.63,4.04] −0.48 [2.72] 0.63 [4756.00]	1.77[−3.75,7.30] 0.63 [2.82] 0.53 [4757.00]		−2.02[−9.91,5.86] −0.50 [4.02] 0.62 [4757.00]	1.76[−3.77,7.29] 0.62 [2.82] 0.53 [4756.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	2.76[−2.54,8.07] 1.02 [2.71] 0.31 [4757.00]		0.07[−7.75,7.89] 0.02 [3.99] 0.99 [4757.00]	2.74[−2.57,8.04] 1.01 [2.70] 0.31 [4756.00]	8.44[2.94,13.93]** 3.01 [2.80] 0.00 [4757.00]		0.07[−7.75,7.89] 0.02 [3.99] 0.99 [4757.00]	8.42[2.92,13.91]** 3.00 [2.80] 0.00 [4756.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−2.52[−7.93,2.90] −0.91 [2.76] 0.36 [4757.00]		−0.14[−8.12,7.85] −0.03 [4.07] 0.97 [4757.00]	−2.54[−7.95,2.87] −0.92 [2.76] 0.36 [4756.00]	0.86[−4.75,6.47] 0.30 [2.86] 0.76 [4757.00]		−0.14[−8.12,7.85] −0.03 [4.07] 0.97 [4757.00]	0.84[−4.77,6.45] 0.29 [2.86] 0.77 [4756.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−0.61[−5.95,4.72] −0.23 [2.72] 0.82 [4757.00]		−2.11[−10.02,5.80] −0.52 [4.03] 0.60 [4757.00]	−0.64[−5.97,4.70] −0.23 [2.72] 0.81 [4756.00]	4.24[−1.28,9.76] 1.50 [2.82] 0.13 [4757.00]		−2.11[−10.02,5.80] −0.52 [4.03] 0.60 [4757.00]	4.23[−1.30,9.75] 1.50 [2.82] 0.13 [4756.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	2.58[−2.81,7.97] 0.94 [2.75] 0.35 [4757.00]		0.57[−7.37,8.52] 0.14 [4.05] 0.89 [4757.00]	2.56[−2.82,7.95] 0.93 [2.75] 0.35 [4756.00]	4.88[−0.70,10.46]+ 1.71 [2.85] 0.09 [4757.00]		0.57[−7.37,8.52] 0.14 [4.05] 0.89 [4757.00]	4.87[−0.71,10.45]+ 1.71 [2.85] 0.09 [4756.00]
MWOther_Self		−0.02[−0.04,0.00]* −2.06 [0.01] 0.04 [4788.00]		−0.02[−0.04,0.00]* −2.20 [0.01] 0.03 [4756.00]		−0.01[−0.03,0.01] −1.44 [0.01] 0.15 [4788.00]		−0.01[−0.03,0.00] −1.47 [0.01] 0.14 [4756.00]
SD (Intercept ID)	5.75	5.75	5.71	5.76	6.84	6.83	5.71	6.84
SD (Observations)	9.53	9.53	14.67	9.52	9.74	9.75	14.67	9.74
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.008	0.001	0.009	0.008	0.007	0.000	0.009	0.007
R2 Cond.	0.273	0.267	0.140	0.274	0.335	0.329	0.140	0.335
AIC	36 008.4	36 039.5	39 780.9	36 013.0	36 363.2	36 396.0	39 780.9	36 370.4
BIC	36 235.0	36 065.4	40 007.5	36 246.1	36 589.8	36 421.9	40 007.5	36 603.5
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.04	9.08	14.11	9.03	9.21	9.25	14.11	9.21

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.14: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	35.00	36049.25	36275.86	-17989.62	35979.25			
C2Path	36.00	36046.41	36279.49	-17987.20	35974.41	4.84	1	0.0278

Table 3.15: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	35.00	36406.44	36633.04	-18168.22	36336.44			
C2Path	36.00	36406.27	36639.36	-18167.14	36334.27	2.16	1	0.1415

Table 3.16: Model H2a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.47[−2.35,3.30] 0.33 [1.44] 0.74 [4773.00]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	−5.47[−9.61,−1.33]** −2.59 [2.11] 0.01 [4773.00]	0.37[−2.46,3.19] 0.25 [1.44] 0.80 [4772.00]	3.66[0.71,6.61]* 2.43 [1.51] 0.02 [4773.00]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	−5.47[−9.61,−1.33]** −2.59 [2.11] 0.01 [4773.00]	3.593[63.6,54]* 2.38 [1.51] 0.02 [4772.00]
EXPGRP_TEXTWhite	−0.67[−2.69,1.35] −0.65 [1.03] 0.52 [4773.00]		0.09[−2.75,2.93] 0.06 [1.45] 0.95 [4773.00]	−0.68[−2.70,1.35] −0.66 [1.03] 0.51 [4772.00]	−0.49[−2.65,1.67] −0.44 [1.10] 0.66 [4773.00]		0.09[−2.75,2.93] 0.06 [1.45] 0.95 [4773.00]	−0.49[−2.66,1.67] −0.45 [1.10] 0.65 [4772.00]
V_ProductMorMorallyQuestionable	0.72[−1.40,2.84] 0.67 [1.08] 0.51 [4773.00]		0.53[−2.63,3.69] 0.33 [1.61] 0.74 [4773.00]	0.72[−1.40,2.84] 0.66 [1.08] 0.51 [4772.00]	0.35[−1.85,2.54] 0.31 [1.12] 0.76 [4773.00]		0.53[−2.63,3.69] 0.33 [1.61] 0.74 [4773.00]	0.34[−1.85,2.53] 0.30 [1.12] 0.76 [4772.00]
V_RacenameBlack	−1.02[−3.07,1.03] −0.97 [1.05] 0.33 [4773.00]		−0.95[−4.06,2.15] −0.60 [1.58] 0.55 [4773.00]	−1.05[−3.10,1.01] −1.00 [1.05] 0.32 [4772.00]	−0.03[−2.14,2.08] −0.03 [1.08] 0.98 [4773.00]		−0.95[−4.06,2.15] −0.60 [1.58] 0.55 [4773.00]	−0.05[−2.16,2.06] −0.04 [1.08] 0.96 [4772.00]
V_RacenameChinese	−1.37[−3.41,0.68] −1.31 [1.04] 0.19 [4773.00]		−0.75[−3.82,2.33] −0.48 [1.57] 0.63 [4773.00]	−1.39[−3.44,0.65] −1.33 [1.04] 0.18 [4772.00]	−1.02[−3.13,1.09] −0.95 [1.08] 0.34 [4773.00]		−0.75[−3.82,2.33] −0.48 [1.57] 0.63 [4773.00]	−1.04[−3.15,1.07] −0.96 [1.08] 0.34 [4772.00]
V_RacenameIndian	0.21[−1.91,2.34] 0.20 [1.08] 0.84 [4773.00]		−1.17[−4.34,2.01] −0.72 [1.62] 0.47 [4773.00]	0.17[−1.95,2.29] 0.16 [1.08] 0.87 [4772.00]	−1.47[−3.66,0.72] −1.31 [1.12] 0.19 [4773.00]		−1.17[−4.34,2.01] −0.72 [1.62] 0.47 [4773.00]	−1.50[−3.69,0.69] −1.34 [1.12] 0.18 [4772.00]
V_Age	0.06[0.01,0.12]* 2.22 [0.03] 0.03 [4773.00]		0.08[0.00,0.16]+ 1.85 [0.04] 0.06 [4773.00]	0.06[0.01,0.12]* 2.28 [0.03] 0.02 [4772.00]	0.01[−0.04,0.07] 0.51 [0.03] 0.61 [4773.00]		0.08[0.00,0.16]+ 1.85 [0.04] 0.06 [4773.00]	0.02[−0.04,0.07] 0.55 [0.03] 0.58 [4772.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable	0.06[−2.57,2.58] 0.00 [1.32] 1.00 [4773.00]		−2.19[−6.03,1.65] −1.12 [1.96] 0.26 [4773.00]	−0.03[−2.60,2.55] −0.02 [1.32] 0.98 [4772.00]	−1.09[−3.67,1.66] −0.74 [1.36] 0.46 [4773.00]		−2.19[−6.03,1.65] −1.12 [1.96] 0.26 [4773.00]	−1.02[−3.60,1.64] −0.75 [1.36] 0.45 [4772.00]
EXPGRP_TEXTWhiteV_RacenameBlack	1.79[−0.69,4.27] 1.42 [1.26] 0.16 [4773.00]		1.72[−2.03,5.46] 0.90 [1.91] 0.37 [4773.00]	1.84[−0.64,4.32] 1.45 [1.26] 0.15 [4772.00]	−0.87[−3.42,1.68] −0.67 [1.30] 0.50 [4773.00]		1.72[−2.03,5.46] 0.90 [1.91] 0.37 [4773.00]	−0.84[−3.39,1.71] −0.65 [1.30] 0.52 [4772.00]
EXPGRP_TEXTWhiteV_RacenameChinese	1.23[−1.28,3.73] 0.96 [1.28] 0.24 [4773.00]		1.59[−2.18,5.36] 0.83 [1.92] 0.41 [4773.00]	1.27[−1.24,3.77] 0.99 [1.28] 0.32 [4772.00]	−0.51[−3.09,2.07] −0.39 [1.32] 0.70 [4773.00]		1.59[−2.18,5.36] 0.83 [1.92] 0.41 [4773.00]	−0.48[−3.06,2.10] −0.36 [1.32] 0.72 [4772.00]
EXPGRP_TEXTWhiteV_RacenameIndian	0.21[−2.33,2.75] 0.16 [1.30] 0.87 [4773.00]		1.40[−2.41,5.21] 0.72 [1.94] 0.47 [4773.00]	0.20[−2.29,2.88] 0.20 [1.30] 0.84 [4772.00]	0.13[−2.50,2.75] 0.09 [1.34] 0.93 [4773.00]		1.40[−2.41,5.21] 0.72 [1.94] 0.47 [4773.00]	0.16[−2.46,2.78] 0.12 [1.34] 0.90 [4772.00]
V_ProductMorMorallyQuestionableV_RacenameBlack	1.09[−1.93,4.11] 0.71 [1.54] 0.48 [4773.00]		−2.58[−7.07,1.91] −1.13 [2.29] 0.26 [4773.00]	1.05[−1.97,4.06] 0.68 [1.54] 0.50 [4772.00]	−0.55[−3.67,2.57] −0.34 [1.59] 0.73 [4773.00]		−2.58[−7.07,1.91] −1.13 [2.29] 0.26 [4773.00]	−0.58[−3.69,2.54] −0.36 [1.59] 0.72 [4772.00]
V_ProductMorMorallyQuestionableV_RacenameChinese	−2.08[−5.21,1.04] −1.31 [1.59] 0.19 [4773.00]		−2.83[−7.43,1.77] −1.21 [2.34] 0.23 [4773.00]	−2.13[−5.25,0.99] −1.34 [1.59] 0.18 [4772.00]	−2.33[−5.57,0.91] −1.41 [1.65] 0.16 [4773.00]		−2.83[−7.43,1.77] −1.21 [2.34] 0.23 [4773.00]	−2.36[−5.60,0.88] −1.43 [1.65] 0.15 [4772.00]
V_ProductMorMorallyQuestionableV_RacenameIndian	−1.93[−5.08,1.22] −1.20 [1.61] 0.23 [4773.00]		0.62[−4.01,5.24] 0.26 [2.36] 0.79 [4773.00]	−1.89[−5.04,1.26] −1.17 [1.61] 0.24 [4772.00]	0.50[−2.78,3.77] 0.30 [1.67] 0.77 [4773.00]		0.62[−4.01,5.24] 0.26 [2.36] 0.79 [4773.00]	0.53[−2.74,3.80] 0.32 [1.67] 0.75 [4772.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenameBlack	−2.39[−6.09,1.30] −1.27 [1.89] 0.20 [4773.00]		2.07[−3.42,7.56] 0.74 [2.80] 0.46 [4773.00]	−2.36[−6.06,1.33] −1.25 [1.88] 0.21 [4772.00]	1.56[−2.27,5.38] 0.80 [1.95] 0.42 [4773.00]		2.07[−3.42,7.56] 0.74 [2.80] 0.46 [4773.00]	1.58[−2.24,5.40] 0.81 [1.95] 0.42 [4772.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenameChinese	2.02[−1.77,5.81] 1.04 [1.93] 0.30 [4773.00]		2.42[−3.17,8.00] 0.85 [2.85] 0.40 [4773.00]	2.05[−1.73,5.84] 1.06 [1.93] 0.29 [4772.00]	4.33[0.41,8.26]* 2.16 [2.00] 0.03 [4773.00]		2.42[−3.17,8.00] 0.85 [2.85] 0.40 [4773.00]	4.36[0.43,8.28]* 2.18 [2.00] 0.03 [4772.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenameIndian	0.41[−3.40,4.23] 0.21 [1.95] 0.83 [4773.00]		1.41[−4.21,7.02] 0.49 [2.86] 0.62 [4773.00]	0.41[−3.41,4.23] 0.21 [1.95] 0.83 [4772.00]	0.78[−3.18,4.74] 0.38 [2.02] 0.70 [4773.00]		1.41[−4.21,7.02] 0.49 [2.86] 0.62 [4773.00]	0.77[−3.19,4.73] 0.38 [2.02] 0.70 [4772.00]
MWOther_Self		−0.02[−0.04,0.00]*<−2.06 [0.01]> 0.04 [4788.00]		−0.02[−0.04,0.00]*<−2.16 [0.01]> 0.03 [4772.00]		−0.01[−0.03,0.01]<−1.44 [0.01]> 0.15 [4788.00]		−0.01[−0.03,0.00]<−1.48 [0.01]> 0.14 [4772.00]
SD (Intercept ID)	5.75	5.75	5.70	5.76	6.86	6.83	5.70	6.85
SD (Observations)	9.52	9.53	14.68	9.52	9.74	9.75	14.68	9.74
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.005	0.001	0.000	0.000	0.004	0.000	0.000	0.004
R2 Cond.	0.271	0.267	0.136	0.272	0.334	0.329	0.136	0.334
AIC	36 027.0	36 039.5	39 815.5	36 031.8	36 385.6	36 396.0	39 815.5	36 392.7
BIC	36 150.1	36 065.4	39 938.5	36 161.3	36 508.6	36 421.9	39 938.5	36 522.2
ICC	0.3	0.3	0.1	0.3	0.3	0.3	0.1	0.3
RMSE	9.05	9.08	14.14	9.05	9.23	9.25	14.14	9.23

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.17: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	19.00	36030.97	36153.99	-17996.49	35992.97			
C2Path	20.00	36028.30	36157.79	-17994.15	35988.30	4.67	1	0.0308

Table 3.18: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	19.00	36390.87	36513.88	-18176.43	36352.87			
C2Path	20.00	36390.66	36520.15	-18175.33	36350.66	2.20	1	0.1376

3.3 H2b

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 3.19: Model H2b

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−6.33[−11.16,−1.49]* −2.56 [2.47] 0.01 [4753.00]	−2.66[−3.29,−2.04]*** −8.31 [0.32] 0.00 [4788.00]	−2.64[−3.27,−2.01]*** −8.22 [0.32] 0.00 [4788.00]	−2.60[−3.23,−1.96]*** −8.02 [0.32] 0.00 [4787.00]	−2.60[−3.23,−1.97]*** −8.04 [0.32] 0.00 [4786.00]	0.86[−2.43,4.15] 0.51 [1.68] 0.61 [4753.00]	3.11[−0.31,6.54]+ 1.78 [1.75] 0.07 [4753.00]	−6.30[−11.13,−1.46]* −2.55 [2.47] 0.01 [4752.00]	−6.21[−11.04,−1.37]* −2.52 [2.47] 0.01 [4752.00]	−6.22[−11.05,−1.38]* −2.52 [2.47] 0.01 [4751.00]	−6.20[−11.03,−1.36]* −2.51 [2.47] 0.01 [4750.00]
EXPGRP_TEXTWhite	−0.57[−4.59,3.45] −0.28 [2.05] 0.78 [4753.00]					−1.15[−3.93,1.63] −0.81 [1.42] 0.42 [4753.00]	1.24[−1.69,4.16] 0.83 [1.49] 0.41 [4753.00]	−0.61[−4.63,3.41] −0.30 [2.05] 0.77 [4752.00]	−0.53[−4.55,3.49] −0.26 [2.05] 0.80 [4752.00]	−0.57[−4.59,3.45] −0.28 [2.05] 0.78 [4751.00]	−0.57[−4.59,3.45] −0.28 [2.05] 0.78 [4750.00]
V_Productcigarettes	0.59[−3.94,5.11] 0.25 [2.31] 0.80 [4753.00]					−0.02[−3.06,3.02] −0.01 [1.55] 0.99 [4753.00]	0.84[−2.30,3.99] 0.53 [1.60] 0.60 [4753.00]	0.58[−3.94,5.11] 0.25 [2.31] 0.80 [4752.00]	0.60[−3.93,5.13] 0.26 [2.31] 0.79 [4752.00]	0.59[−3.93,5.12] 0.26 [2.31] 0.80 [4751.00]	0.61[−3.91,5.14] 0.27 [2.31] 0.79 [4750.00]
V_Producthardwaresupplies	0.54[−4.07,5.16] 0.23 [2.35] 0.82 [4753.00]					−0.92[−4.01,2.18] −0.58 [1.58] 0.56 [4753.00]	1.86[−1.34,5.06] 1.14 [1.63] 0.25 [4753.00]	0.51[−4.10,5.12] 0.22 [2.35] 0.83 [4752.00]	0.60[−4.01,5.22] 0.26 [2.35] 0.80 [4752.00]	0.56[−4.05,5.17] 0.24 [2.35] 0.81 [4751.00]	0.52[−4.10,5.13] 0.22 [2.35] 0.83 [4750.00]
V_Producttoiletpaper	1.17[−3.32,5.66] 0.51 [2.29] 0.61 [4753.00]					0.52[−2.50,3.54] 0.34 [1.54] 0.74 [4753.00]	1.74[−1.38,4.86] 1.09 [1.59] 0.27 [4753.00]	1.20[−3.29,5.69] 0.52 [2.29] 0.60 [4752.00]	1.23[−3.26,5.72] 0.54 [2.29] 0.59 [4752.00]	1.24[−3.25,5.73] 0.54 [2.29] 0.59 [4751.00]	1.17[−3.32,5.67] 0.51 [2.29] 0.61 [4750.00]
V_RacenamefBlack	−1.65[−6.15,2.86] −0.72 [2.30] 0.47 [4753.00]					−1.48[−4.51,1.55] −0.96 [1.54] 0.34 [4753.00]	0.85[−2.27,3.98] 0.54 [1.59] 0.59 [4753.00]	−1.70[−6.20,2.81] −0.74 [2.30] 0.46 [4752.00]	−1.62[−6.13,2.88] −0.71 [2.30] 0.48 [4752.00]	−1.67[−6.18,2.84] −0.73 [2.30] 0.47 [4751.00]	−1.67[−6.18,2.83] −0.73 [2.30] 0.47 [4750.00]
V_RacenamefChinese	−1.29[−5.73,3.14] −0.57 [2.26] 0.57 [4753.00]					−1.91[−4.90,1.07] −1.26 [1.52] 0.21 [4753.00]	−0.24[−3.32,2.85] −0.15 [1.57] 0.88 [4753.00]	−1.37[−5.81,3.07] −0.61 [2.26] 0.54 [4752.00]	−1.32[−5.75,3.12] −0.58 [2.26] 0.56 [4752.00]	−1.37[−5.81,3.07] −0.61 [2.26] 0.55 [4751.00]	−1.36[−5.79,3.08] −0.60 [2.26] 0.55 [4750.00]
V_RacenamefIndian	−2.70[−7.42,2.02] −1.12 [2.41] 0.26 [4753.00]					−0.69[−3.86,2.48] −0.43 [1.62] 0.67 [4753.00]	−0.96[−4.23,2.31] −0.58 [1.67] 0.56 [4753.00]	−2.73[−7.44,1.99] −1.13 [2.41] 0.26 [4752.00]	−2.74[−7.46,1.98] −1.14 [2.41] 0.25 [4752.00]	−2.75[−7.47,1.97] −1.14 [2.41] 0.25 [4751.00]	−2.81[−7.53,1.91] −1.17 [2.41] 0.24 [4750.00]
V_Age	0.07[−0.01,0.15]+ 1.69 [0.04] 0.09 [4753.00]					0.06[0.01,0.12]* 2.17 [0.03] 0.03 [4753.00]	0.01[−0.05,0.07] 0.41 [0.03] 0.68 [4753.00]	0.07[−0.01,0.16]+ 1.75 [0.04] 0.08 [4752.00]	0.07[−0.01,0.16]+ 1.70 [0.04] 0.09 [4752.00]	0.07[−0.01,0.16]+ 1.74 [0.04] 0.08 [4751.00]	0.07[−0.01,0.16]+ 1.72 [0.04] 0.08 [4750.00]
V_Locationinthecity	−0.12[−1.22,0.98] −0.21 [0.56] 0.83 [4753.00]					−0.02[−0.76,0.72] −0.05 [0.38] 0.96 [4753.00]	−0.12[−0.88,0.65] −0.30 [0.39] 0.77 [4753.00]	−0.12[−1.23,0.98] −0.22 [0.56] 0.83 [4752.00]	−0.13[−1.23,0.97] −0.23 [0.56] 0.82 [4752.00]	−0.13[−1.23,0.97] −0.23 [0.56] 0.82 [4751.00]	−0.10[−1.20,1.00] −0.18 [0.56] 0.86 [4750.00]
V_Locationnearby	0.84[−0.28,1.95] 1.47 [0.57] 0.14 [4753.00]					0.13[−0.61,0.88] 0.35 [0.38] 0.72 [4753.00]	−0.08[−0.85,0.69] −0.21 [0.39] 0.84 [4753.00]	0.85[−0.27,1.96] 1.48 [0.57] 0.14 [4752.00]	0.83[−0.28,1.95] 1.46 [0.57] 0.14 [4752.00]	0.84[−0.28,1.96] 1.48 [0.57] 0.14 [4751.00]	0.87[−0.25,1.99] 1.52 [0.57] 0.13 [4750.00]
V_StoreTypedepartmentstore	0.80[−0.31,1.90] 1.41 [0.56] 0.16 [4753.00]					0.10[−0.64,0.84] 0.26 [0.38] 0.80 [4753.00]	−0.54[−1.30,0.22] −1.39 [0.39] 0.16 [4753.00]	0.80[−0.31,1.90] 1.42 [0.56] 0.16 [4752.00]	0.78[−0.33,1.88] 1.38 [0.56] 0.17 [4752.00]	0.78[−0.32,1.89] 1.39 [0.56] 0.16 [4751.00]	0.79[−0.31,1.89] 1.41 [0.56] 0.16 [4750.00]
V_StoreTypesupermarket	0.79[−0.31,1.90] 1.41 [0.56] 0.16 [4753.00]					0.17[−0.57,0.91] 0.45 [0.38] 0.65 [4753.00]	−0.16[−0.93,0.60] −0.42 [0.39] 0.67 [4753.00]	0.80[−0.31,1.90] 1.42 [0.56] 0.16 [4752.00]	0.78[−0.32,1.88] 1.39 [0.56] 0.17 [4752.00]	0.79[−0.32,1.89] 1.40 [0.56] 0.16 [4751.00]	0.79[−0.31,1.90] 1.41 [0.56] 0.16 [4750.00]
EXPGRP_TEXTWhiteV_Productcigarettes	−1.14[−6.65,4.37] −0.40 [2.81] 0.69 [4753.00]					2.23[−1.47,5.93] 1.18 [1.89] 0.24 [4753.00]	−1.00[−4.82,2.83] −0.51 [1.95] 0.61 [4753.00]	−1.06[−6.57,4.45] −0.38 [2.81] 0.71 [4752.00]	−1.16[−6.67,4.35] −0.41 [2.81] 0.68 [4752.00]	−1.09[−6.60,4.42] −0.39 [2.81] 0.70 [4751.00]	−1.13[−6.64,4.38] −0.40 [2.81] 0.69 [4750.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	1.36[−4.18,6.89] 0.48 [2.82] 0.63 [4753.00]					0.94[−2.78,4.66] 0.50 [1.90] 0.62 [4753.00]	−3.35[−7.19,0.49]+ −1.71 [1.96] 0.09 [4753.00]	1.39[−4.14,6.93] 0.49 [2.82] 0.62 [4752.00]	1.24[−4.30,6.78] 0.44 [2.82] 0.66 [4752.00]	1.30[−4.24,6.84] 0.46 [2.82] 0.65 [4751.00]	1.28[−4.26,6.81] 0.45 [2.82] 0.65 [4750.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	−1.80[−7.24,3.65] −0.65 [2.78] 0.52 [4753.00]					−1.08[−4.74,2.57] −0.58 [1.87] 0.56 [4753.00]	−4.30[−8.08,−0.52]* −2.23 [1.93] 0.03 [4753.00]	−1.85[−7.30,3.59] −0.67 [2.78] 0.50 [4752.00]	−1.95[−7.40,3.49] −0.70 [2.78] 0.48 [4752.00]	−1.95[−7.40,3.49] −0.70 [2.78] 0.48 [4751.00]	−1.89[−7.34,3.55] −0.68 [2.78] 0.50 [4750.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	3.17[−2.28,8.63] 1.14 [2.78] 0.25 [4753.00]					2.99[−0.67,6.66] 1.60 [1.87] 0.11 [4753.00]	−2.33[−6.11,1.45] −1.21 [1.93] 0.23 [4753.00]	3.28[−2.17,8.73] 1.18 [2.78] 0.24 [4752.00]	3.09[−2.36,8.54] 1.11 [2.78] 0.27 [4752.00]	3.19[−2.26,8.65] 1.15 [2.78] 0.25 [4751.00]	3.20[−2.25,8.66] 1.15 [2.78] 0.25 [4750.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	2.62[−2.83,8.06] 0.94 [2.78] 0.35 [4753.00]					1.89[−1.77,5.55] 1.01 [1.87] 0.31 [4753.00]	−1.48[−5.26,2.30] −0.77 [1.93] 0.44 [4753.00]	2.68[−2.76,8.13] 0.97 [2.78] 0.33 [4752.00]	2.58[−2.86,8.02] 0.93 [2.77] 0.35 [4752.00]	2.64[−2.80,8.08] 0.95 [2.78] 0.34 [4751.00]	2.59[−2.85,8.03] 0.93 [2.78] 0.35 [4750.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	2.64[−2.99,8.26] 0.92 [2.87] 0.36 [4753.00]					0.55[−3.23,4.33] 0.29 [1.93] 0.77 [4753.00]	−2.08[−5.99,1.82] −1.05 [1.99] 0.30 [4753.00]	2.65[−2.98,8.28] 0.92 [2.87] 0.36 [4752.00]	2.57[−3.06,8.19] 0.89 [2.87] 0.37 [4752.00]	2.60[−3.03,8.22] 0.90 [2.87] 0.37 [4751.00]	2.65[−2.98,8.27] 0.92 [2.87] 0.36 [4750.00]
V_ProductcigarettesV_RacenamefBlack	−3.03[−9.41,3.34] −0.93 [3.25] 0.35 [4753.00]					2.67[−1.64,6.98] 1.22 [2.20] 0.22 [4753.00]	−1.42[−5.88,3.04] −0.62 [2.27] 0.53 [4753.00]	−2.93[−9.31,3.44] −0.90 [3.25] 0.37 [4752.00]	−3.08[−9.45,3.30] −0.95 [3.25] 0.34 [4752.00]	−2.99[−9.36,3.39] −0.92 [3.25] 0.36 [4751.00]	−3.03[−9.41,3.34] −0.93 [3.25] 0.35 [4750.00]
V_ProducthardwaresuppliesV_RacenamefBlack	2.01[−4.61,8.62] 0.59 [3.38] 0.55 [4753.00]					1.00[−3.50,5.49] 0.43 [2.29] 0.66 [4753.00]	−1.74[−6.40,2.92] −0.73 [2.38] 0.46 [4753.00]	2.04[−4.58,8.66] 0.60 [3.38] 0.55 [4752.00]	1.97[−4.65,8.58] 0.58 [3.37] 0.56 [4752.00]	2.00[−4.61,8.62] 0.59 [3.37] 0.55 [4751.00]	2.05[−4.56,8.67] 0.61 [3.37] 0.54 [4750.00]
V_ProducttoiletpaperV_RacenamefBlack	−0.51[−6.98,5.96] −0.15 [3.30] 0.88 [4753.00]					0.29[−4.09,4.66] 0.13 [2.23] 0.90 [4753.00]	−1.30[−5.83,3.23] −0.56 [2.31] 0.57 [4753.00]	−0.52[−6.98,5.95] −0.16 [3.30] 0.88 [4752.00]	−0.55[−7.02,5.91] −0.17 [3.30] 0.87 [4752.00]	−0.55[−7.02,5.92] −0.17 [3.30] 0.87 [4751.00]	−0.50[−6.97,5.97] −0.15 [3.30] 0.88 [4750.00]
V_ProductcigarettesV_RacenamefChinese	−3.05[−9.62,3.52] −0.91 [3.35] 0.36 [4753.00]					−1.35[−5.81,3.11] −0.59 [2.28] 0.55 [4753.00]	−1.48[−6.10,3.14] −0.63 [2.36] 0.53 [4753.00]	−3.09[−9.66,3.47] −0.92 [3.35] 0.36 [4752.00]	−3.06[−9.62,3.51] −0.91 [3.35] 0.36 [4752.00]	−3.09[−9.65,3.48] −0.92 [3.35] 0.36 [4751.00]	−3.14[−9.71,3.42] −0.94 [3.35] 0.35 [4750.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.29[−5.14,7.73] 0.39 [3.28] 0.69 [4753.00]					1.06[−3.30,5.42] 0.48 [2.22] 0.63 [4753.00]	−1.43[−5.95,3.08] −0.62 [2.30] 0.53 [4753.00]	1.34[−5.10,7.77] 0.41 [3.28] 0.68 [4752.00]	1.24[−5.20,7.67] 0.38 [3.28] 0.71 [4752.00]	1.28[−5.15,7.72] 0.39 [3.28] 0.70 [4751.00]	1.31[−5.13,7.74] 0.40 [3.28] 0.69 [4750.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.65[−8.05,4.75] −0.51 [3.27] 0.61 [4753.00]					−1.71[−6.06,2.64] −0.77 [2.22] 0.44 [4753.00]	−4.52[−9.03,−0.02]* −1.97 [2.30] 0.05 [4753.00]	−1.72[−8.12,4.68] −0.53 [3.27] 0.60 [4752.00]	−1.80[−8.20,4.60] −0.55 [3.27] 0.58 [4752.00]	−1.82[−8.22,4.59] −0.56 [3.27] 0.58 [4751.00]	−1.84[−8.24,4.56] −0.56 [3.26] 0.57 [4750.00]
V_ProductcigarettesV_RacenamefIndian	3.14[−3.45,9.72] 0.93 [3.36] 0.35 [4753.00]					0.12[−4.34,4.59] 0.05 [2.28] 0.96 [4753.00]	0.24[−4.38,4.87] 0.10 [2.36] 0.92 [4753.00]	3.15[−3.43,9.73] 0.94 [3.36] 0.35 [4752.00]	3.15[−3.43,9.73] 0.94 [3.36] 0.35 [4752.00]	3.16[−3.42,9.74] 0.94 [3.36] 0.35 [4751.00]	3.15[−3.42,9.73] 0.94 [3.36] 0.35 [4750.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.88[−3.68,9.45] 0.86 [3.35] 0.39 [4753.00]					1.69[−2.74,6.12] 0.75 [2.26] 0.45 [4753.00]	−1.02[−5.61,3.56] −0.44 [2.34] 0.66 [4753.00]	2.95[−3.62,9.52] 0.88 [3.35] 0.38 [4752.00]	2.86[−3.71,9.42] 0.85 [3.35] 0.39 [4752.00]	2.92[−3.65,9.48] 0.87 [3.35] 0.38 [4751.00]	3.05[−3.52,9.62] 0.91 [3.35] 0.36 [4750.00]
V_ProducttoiletpaperV_RacenamefIndian	1.07[−5.53,7.67] 0.32 [3.37] 0.75 [4753.00]					−2.20[−6.68,2.28] −0.96 [2.28] 0.33 [4753.00]	−0.23[−4.87,4.40] −0.10 [2.37] 0.92 [4753.00]	0.97[−5.63,7.57] 0.29 [3.37] 0.77 [4752.00]	1.06[−5.53,7.66] 0.32 [3.36] 0.75 [4752.00]	0.99[−5.61,7.59] 0.29 [3.37] 0.77 [4751.00]	1.14[−5.47,7.74] 0.34 [3.37] 0.74 [4750.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	0.58[−7.24,8.39] 0.14 [3.99] 0.88 [4753.00]					−6.61[−11.90,−1.33]* −2.45 [2.70] 0.01 [4753.00]	2.00[−3.47,7.47] 0.72 [2.79] 0.47 [4753.00]	0.34[−7.48,8.16] 0.09 [3.99] 0.93 [4752.00]	0.66[−7.15,8.47] 0.17 [3.98] 0.87 [4752.00]	0.46[−7.36,8.27] 0.11 [3.99] 0.91 [4751.00]	0.48[−7.33,8.30] 0.12 [3.99] 0.90 [4750.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−3.38[−11.34,4.58] −0.83 [4.06] 0.41 [4753.00]					−2.40[−7.81,3.00] −0.87 [2.76] 0.38 [4753.00]	2.90[−2.70,8.50] 1.01 [2.86] 0.31 [4753.00]	−3.47[−11.44,4.49] −0.86 [4.06] 0.39 [4752.00]	−3.28[−11.24,4.68] −0.81 [4.06] 0.42 [4752.00]	−3.38[−11.34,4.58] −0.83 [4.06] 0.40 [4751.00]	−3.37[−11.33,4.59] −0.83 [4.06] 0.41 [4750.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	0.30[−7.57,8.16] 0.07 [4.01] 0.94 [4753.00]					−0.61[−5.94,4.71] −0.23 [2.72] 0.82 [4753.00]	3.73[−1.78,9.24] 1.33 [2.81] 0.18 [4753.00]	0.29[−7.57,8.15] 0.07 [4.01] 0.94 [4752.00]	0.44[−7.42,8.30] 0.11 [4.01] 0.91 [4752.00]	0.40[−7.47,8.26] 0.10 [4.01] 0.92 [4751.00]	0.31[−7.56,8.17] 0.08 [4.01] 0.94 [4750.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	2.73[−5.22,10.68] 0.67 [4.05] 0.50 [4753.00]					−0.26[−5.65,5.13] −0.09 [2.75] 0.92 [4753.00]	1.80[−3.79,7.39] 0.63 [2.85] 0.53 [4753.00]	2.72[−5.22,10.67] 0.67 [4.05] 0.50 [4752.00]	2.74[−5.21,10.68] 0.67 [4.05] 0.50 [4752.00]	2.73[−5.22,10.68] 0.67 [4.05] 0.50 [4751.00]	2.83[−5.12,10.78] 0.70 [4.05] 0.49 [4750.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−1.95[−9.84,5.94] −0.49 [4.02] 0.63 [4753.00]					−1.25[−6.59,4.09] −0.46 [2.73] 0.65 [4753.00]	1.76[−3.77,7.29] 0.62 [2.82] 0.53 [4753.00]	−2.00[−9.89,5.89] −0.50 [4.02] 0.62 [4752.00]	−1.89[−9.77,6.00] −0.47 [4.02] 0.64 [4752.00]	−1.94[−9.83,5.95] −0.48 [4.02] 0.63 [4751.00]	−1.85[−9.74,6.04] −0.46 [4.02] 0.65 [4750.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	0.02[−7.81,7.86] 0.01 [3.99] 1.00 [4753.00]					2.76[−2.56,8.07] 1.02 [2.71] 0.31 [4753.00]	8.47[2.96,13.97]** 3.01 [2.81] 0.00 [4753.00]	0.15[−7.69,7.98] 0.04 [4.00] 0.97 [4752.00]	0.32[−7.51,8.16] 0.08 [4.00] 0.94 [4752.00]	0.34[−7.50,8.17] 0.08 [4.00] 0.93 [4751.00]	0.33[−7.50,8.17] 0.08 [4.00] 0.93 [4750.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−0.10[−8.09,7.90] −0.02 [4.08] 0.98 [4753.00]					−2.50[−7.93,2.92] −0.91 [2.77] 0.37 [4753.00]	0.93[−4.68,6.55] 0.33 [2.86] 0.74 [4753.00]	−0.20[−8.19,7.80] −0.05 [4.08] 0.96 [4752.00]	−0.08[−8.07,7.91] −0.02 [4.08] 0.98 [4752.00]	−0.16[−8.15,7.83] −0.04 [4.08] 0.97 [4751.00]	−0.17[−8.16,7.82] −0.04 [4.08] 0.97 [4750.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−2.19[−10.10,5.73] −0.54 [4.04] 0.59 [4753.00]					−0.62[−5.96,4.73] −0.23 [2.73] 0.82 [4753.00]	4.33[−1.20,9.86] 1.54 [2.82] 0.12 [4753.00]	−2.21[−10.13,5.70] −0.55 [4.04] 0.58 [4752.00]	−2.04[−9.95,5.87] −0.51 [4.04] 0.61 [4752.00]	−2.10[−10.01,5.82] −0.52 [4.04] 0.60 [4751.00]	−2.15[−10.07,5.76] −0.53 [4.04] 0.59 [4750.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	0.59[−7.38,8.55] 0.14 [4.06] 0.89 [4753.00]					2.58[−2.82,7.99] 0.94 [2.76] 0.35 [4753.00]	4.88[−0.72,10.47]+ 1.71 [2.86] 0.09 [4753.00]	0.71[−7.25,8.68] 0.18 [4.06] 0.86 [4752.00]	0.76[−7.20,8.73] 0.19 [4.06] 0.85 [4752.00]	0.81[−7.15,8.78] 0.20 [4.06] 0.84 [4751.00]	0.67[−7.30,8.64] 0.16 [4.07] 0.87 [4750.00]
CCOther_Self		−0.04[−0.08,0.01]+ −1.72 [0.02] 0.09 [4788.00]		−0.03[−0.07,0.02] −1.20 [0.02] 0.23 [4787.00]	−0.04[−0.08,0.01] −1.53 [0.02] 0.13 [4786.00]			−0.04[−0.08,0.00]+ −1.87 [0.02] 0.06 [4752.00]		−0.03[−0.07,0.01] −1.37 [0.02] 0.17 [4751.00]	−0.04[−0.09,0.01]+ −1.74 [0.02] 0.08 [4750.00]
TCOther_Self			−0.04[−0.08,0.00]+ −1.81 [0.02] 0.07 [4788.00]	−0.03[−0.07,0.01] −1.32 [0.02] 0.19 [4787.00]	−0.04[−0.08,0.01]+ −1.65 [0.02] 0.10 [4786.00]				−0.04[−0.08,0.00]+ −1.77 [0.02] 0.08 [4752.00]	−0.03[−0.07,0.02] −1.24 [0.02] 0.22 [4751.00]	−0.04[−0.08,0.01] −1.62 [0.02] 0.10 [4750.00]
CCOther_SelfTCOther_Self					0.00[0.00,0.00] 1.16 [0.00] 0.25 [4786.00]						0.00[0.00,0.00] 1.29 [0.00] 0.20 [4750.00]
SD (Intercept ID)	5.72	5.72	5.68	5.70	5.69	5.75	6.84	5.74	5.70	5.73	5.71
SD (Observations)	14.67	14.69	14.70	14.69	14.70	9.53	9.75	14.66	14.67	14.66	14.66
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.011	0.001	0.001	0.001	0.001	0.008	0.007	0.011	0.011	0.012	0.012
R2 Cond.	0.141	0.132	0.131	0.132	0.131	0.273	0.335	0.143	0.141	0.143	0.142
AIC	39 780.5	39 841.7	39 841.5	39 847.8	39 860.7	36 017.0	36 369.8	39 784.9	39 785.4	39 791.2	39 803.8
BIC	40 033.1	39 867.6	39 867.4	39 880.2	39 899.5	36 269.5	36 622.3	40 043.9	40 044.4	40 056.7	40 075.7
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.10	14.18	14.19	14.18	14.18	9.04	9.21	14.09	14.10	14.09	14.09

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.20: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	39848.46	40100.97	-19885.23	39770.46			
C2Path	40.00	39846.97	40105.95	-19883.48	39766.97	3.49	1	0.0616

Table 3.21: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	39848.46	40100.97	-19885.23	39770.46			
C2Path	40.00	39847.30	40106.28	-19883.65	39767.30	3.16	1	0.0755

Table 3.22: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	39848.46	40100.97	-19885.23	39770.46			
C2Path	41.00	39847.43	40112.88	-19882.71	39765.43	5.03	2	0.0808

Table 3.23: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	39.00	39848.46	40100.97	-19885.23	39770.46			
C2Path	41.00	39847.43	40112.88	-19882.71	39765.43	5.03	2	0.0808

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 3.24: Model H2b-2

	MW C path	MW B1 path	MW B2 path	MW B3 path	MW B4 path	MW C1 path	MW C2 path	MW C'1 path	MW C'2 path	MW C'3 path	MW C'4 path
(Intercept)	−2.63[−5.99,0.73] −1.54 [1.71] 0.12 [4758.00]	−2.66[−3.29,−2.04]*** −8.31 [0.32] 0.00 [4788.00]	−2.64[−3.27,−2.01]*** −8.22 [0.32] 0.00 [4788.00]	−2.60[−3.23,−1.96]*** −8.02 [0.32] 0.00 [4787.00]	−2.60[−3.23,−1.97]*** −8.04 [0.32] 0.00 [4786.00]	3.47[1.15,5.80]** 2.93 [1.18] 0.00 [4758.00]	3.29[0.85,5.73]** 2.64 [1.24] 0.01 [4758.00]	−2.50[−5.86,0.86] −1.46 [1.71] 0.14 [4757.00]	−2.50[−5.86,0.86] −1.46 [1.71] 0.14 [4757.00]	−2.44[−5.80,0.93] −1.42 [1.71] 0.16 [4756.00]	−2.42[−5.78,0.94] −1.41 [1.71] 0.16 [4755.00]
EXPGRP_TEXTWhite	−0.52[−4.54,3.50] −0.25 [2.05] 0.80 [4758.00]					−1.12[−3.90,1.66] −0.79 [1.42] 0.43 [4758.00]	1.21[−1.71,4.14] 0.81 [1.49] 0.42 [4758.00]	−0.55[−4.57,3.46] −0.27 [2.05] 0.79 [4757.00]	−0.48[−4.50,3.54] −0.23 [2.05] 0.82 [4757.00]	−0.52[−4.54,3.50] −0.25 [2.05] 0.80 [4756.00]	−0.51[−4.53,3.51] −0.25 [2.05] 0.80 [4755.00]
V_Productcigarettes	0.59[−3.93,5.12] 0.26 [2.31] 0.80 [4758.00]					−0.02[−3.07,3.02] −0.02 [1.55] 0.99 [4758.00]	0.87[−2.27,4.01] 0.54 [1.60] 0.59 [4758.00]	0.59[−3.94,5.11] 0.26 [2.31] 0.80 [4757.00]	0.61[−3.92,5.13] 0.26 [2.31] 0.79 [4757.00]	0.60[−3.92,5.13] 0.26 [2.31] 0.79 [4756.00]	0.62[−3.90,5.15] 0.27 [2.31] 0.79 [4755.00]
V_Producthardwaresupplies	0.71[−3.90,5.32] 0.30 [2.35] 0.76 [4758.00]					−0.83[−3.93,2.26] −0.53 [1.58] 0.60 [4758.00]	1.88[−1.31,5.08] 1.15 [1.63] 0.25 [4758.00]	0.68[−3.93,5.29] 0.29 [2.35] 0.77 [4757.00]	0.77[−3.84,5.38] 0.33 [2.35] 0.74 [4757.00]	0.73[−3.88,5.35] 0.31 [2.35] 0.75 [4756.00]	0.69[−3.92,5.30] 0.29 [2.35] 0.77 [4755.00]
V_Producttoiletpaper	1.06[−3.43,5.54] 0.46 [2.29] 0.64 [4758.00]					0.48[−2.54,3.49] 0.31 [1.54] 0.76 [4758.00]	1.75[−1.36,4.87] 1.10 [1.59] 0.27 [4758.00]	1.08[−3.41,5.57] 0.47 [2.29] 0.64 [4757.00]	1.11[−3.37,5.60] 0.49 [2.29] 0.63 [4757.00]	1.12[−3.37,5.61] 0.49 [2.29] 0.63 [4756.00]	1.06[−3.43,5.55] 0.46 [2.29] 0.64 [4755.00]
V_RacenamefBlack	−1.77[−6.27,2.74] −0.77 [2.30] 0.44 [4758.00]					−1.54[−4.56,1.49] −1.00 [1.54] 0.32 [4758.00]	0.82[−2.30,3.94] 0.51 [1.59] 0.61 [4758.00]	−1.82[−6.32,2.69] −0.79 [2.30] 0.43 [4757.00]	−1.74[−6.25,2.76] −0.76 [2.30] 0.45 [4757.00]	−1.79[−6.29,2.71] −0.78 [2.30] 0.44 [4756.00]	−1.79[−6.29,2.71] −0.78 [2.30] 0.44 [4755.00]
V_RacenamefChinese	−1.27[−5.71,3.17] −0.56 [2.26] 0.57 [4758.00]					−1.86[−4.84,1.13] −1.22 [1.52] 0.22 [4758.00]	−0.22[−3.30,2.86] −0.14 [1.57] 0.89 [4758.00]	−1.34[−5.78,3.09] −0.59 [2.26] 0.55 [4757.00]	−1.29[−5.73,3.14] −0.57 [2.26] 0.57 [4757.00]	−1.34[−5.78,3.09] −0.59 [2.26] 0.55 [4756.00]	−1.33[−5.76,3.11] −0.59 [2.26] 0.56 [4755.00]
V_RacenamefIndian	−2.79[−7.50,1.92] −1.16 [2.40] 0.25 [4758.00]					−0.76[−3.92,2.41] −0.47 [1.61] 0.64 [4758.00]	−0.98[−4.24,2.29] −0.59 [1.67] 0.56 [4758.00]	−2.82[−7.53,1.90] −1.17 [2.40] 0.24 [4757.00]	−2.83[−7.54,1.88] −1.18 [2.40] 0.24 [4757.00]	−2.84[−7.56,1.87] −1.18 [2.40] 0.24 [4756.00]	−2.90[−7.61,1.82] −1.20 [2.40] 0.23 [4755.00]
EXPGRP_TEXTWhiteV_Productcigarettes	−1.27[−6.78,4.24] −0.45 [2.81] 0.65 [4758.00]					2.19[−1.51,5.89] 1.16 [1.89] 0.25 [4758.00]	−1.00[−4.82,2.82] −0.51 [1.95] 0.61 [4758.00]	−1.19[−6.70,4.32] −0.42 [2.81] 0.67 [4757.00]	−1.29[−6.80,4.22] −0.46 [2.81] 0.65 [4757.00]	−1.23[−6.74,4.28] −0.44 [2.81] 0.66 [4756.00]	−1.27[−6.78,4.24] −0.45 [2.81] 0.65 [4755.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	1.24[−4.30,6.78] 0.44 [2.82] 0.66 [4758.00]					0.87[−2.85,4.59] 0.46 [1.90] 0.65 [4758.00]	−3.33[−7.16,0.51]+ −1.70 [1.96] 0.09 [4758.00]	1.27[−4.26,6.81] 0.45 [2.82] 0.65 [4757.00]	1.12[−4.41,6.66] 0.40 [2.82] 0.69 [4757.00]	1.18[−4.36,6.71] 0.42 [2.82] 0.68 [4756.00]	1.15[−4.38,6.69] 0.41 [2.82] 0.68 [4755.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	−1.89[−7.32,3.55] −0.68 [2.77] 0.50 [4758.00]					−1.11[−4.76,2.54] −0.60 [1.86] 0.55 [4758.00]	−4.27[−8.04,−0.50]* −2.22 [1.92] 0.03 [4758.00]	−1.94[−7.37,3.49] −0.70 [2.77] 0.48 [4757.00]	−2.04[−7.47,3.40] −0.74 [2.77] 0.46 [4757.00]	−2.04[−7.48,3.39] −0.74 [2.77] 0.46 [4756.00]	−1.99[−7.43,3.45] −0.72 [2.77] 0.47 [4755.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	3.07[−2.38,8.52] 1.10 [2.78] 0.27 [4758.00]					2.94[−0.72,6.60] 1.58 [1.87] 0.11 [4758.00]	−2.30[−6.08,1.48] −1.19 [1.93] 0.23 [4758.00]	3.17[−2.28,8.62] 1.14 [2.78] 0.25 [4757.00]	2.99[−2.46,8.44] 1.07 [2.78] 0.28 [4757.00]	3.08[−2.37,8.54] 1.11 [2.78] 0.27 [4756.00]	3.09[−2.36,8.54] 1.11 [2.78] 0.27 [4755.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	2.48[−2.96,7.91] 0.89 [2.77] 0.37 [4758.00]					1.81[−1.84,5.47] 0.97 [1.86] 0.33 [4758.00]	−1.47[−5.25,2.30] −0.77 [1.93] 0.44 [4758.00]	2.54[−2.90,7.97] 0.92 [2.77] 0.36 [4757.00]	2.44[−3.00,7.87] 0.88 [2.77] 0.38 [4757.00]	2.49[−2.94,7.93] 0.90 [2.77] 0.37 [4756.00]	2.44[−3.00,7.88] 0.88 [2.77] 0.38 [4755.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	2.62[−3.00,8.24] 0.91 [2.87] 0.36 [4758.00]					0.57[−3.20,4.34] 0.30 [1.92] 0.77 [4758.00]	−2.02[−5.91,1.88] −1.02 [1.99] 0.31 [4758.00]	2.64[−2.98,8.25] 0.92 [2.87] 0.36 [4757.00]	2.55[−3.06,8.17] 0.89 [2.87] 0.37 [4757.00]	2.58[−3.03,8.20] 0.90 [2.87] 0.37 [4756.00]	2.62[−2.99,8.24] 0.92 [2.87] 0.36 [4755.00]
V_ProductcigarettesV_RacenamefBlack	−3.02[−9.39,3.35] −0.93 [3.25] 0.35 [4758.00]					2.70[−1.60,7.01] 1.23 [2.20] 0.22 [4758.00]	−1.39[−5.85,3.06] −0.61 [2.27] 0.54 [4758.00]	−2.92[−9.29,3.45] −0.90 [3.25] 0.37 [4757.00]	−3.06[−9.43,3.31] −0.94 [3.25] 0.35 [4757.00]	−2.97[−9.34,3.40] −0.91 [3.25] 0.36 [4756.00]	−3.02[−9.39,3.35] −0.93 [3.25] 0.35 [4755.00]
V_ProducthardwaresuppliesV_RacenamefBlack	1.64[−4.97,8.25] 0.49 [3.37] 0.63 [4758.00]					0.88[−3.61,5.37] 0.38 [2.29] 0.70 [4758.00]	−1.67[−6.32,2.98] −0.70 [2.37] 0.48 [4758.00]	1.67[−4.94,8.27] 0.49 [3.37] 0.62 [4757.00]	1.60[−5.00,8.21] 0.48 [3.37] 0.63 [4757.00]	1.63[−4.97,8.24] 0.48 [3.37] 0.63 [4756.00]	1.67[−4.93,8.28] 0.50 [3.37] 0.62 [4755.00]
V_ProducttoiletpaperV_RacenamefBlack	−0.25[−6.71,6.22] −0.08 [3.30] 0.94 [4758.00]					0.42[−3.95,4.79] 0.19 [2.23] 0.85 [4758.00]	−1.27[−5.79,3.26] −0.55 [2.31] 0.58 [4758.00]	−0.25[−6.72,6.22] −0.08 [3.30] 0.94 [4757.00]	−0.29[−6.76,6.17] −0.09 [3.30] 0.93 [4757.00]	−0.28[−6.75,6.18] −0.09 [3.30] 0.93 [4756.00]	−0.24[−6.71,6.22] −0.07 [3.30] 0.94 [4755.00]
V_ProductcigarettesV_RacenamefChinese	−3.20[−9.76,3.37] −0.95 [3.35] 0.34 [4758.00]					−1.45[−5.91,3.00] −0.64 [2.27] 0.52 [4758.00]	−1.58[−6.20,3.04] −0.67 [2.35] 0.50 [4758.00]	−3.24[−9.80,3.33] −0.97 [3.35] 0.33 [4757.00]	−3.20[−9.76,3.36] −0.96 [3.35] 0.34 [4757.00]	−3.23[−9.80,3.33] −0.97 [3.35] 0.33 [4756.00]	−3.29[−9.85,3.27] −0.98 [3.35] 0.33 [4755.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.08[−5.36,7.51] 0.33 [3.28] 0.74 [4758.00]					0.88[−3.47,5.24] 0.40 [2.22] 0.69 [4758.00]	−1.48[−5.99,3.02] −0.65 [2.30] 0.52 [4758.00]	1.11[−5.32,7.54] 0.34 [3.28] 0.74 [4757.00]	1.02[−5.41,7.45] 0.31 [3.28] 0.76 [4757.00]	1.06[−5.38,7.49] 0.32 [3.28] 0.75 [4756.00]	1.07[−5.36,7.50] 0.33 [3.28] 0.74 [4755.00]
V_ProducttoiletpaperV_RacenamefChinese	−1.58[−7.97,4.82] −0.48 [3.26] 0.63 [4758.00]					−1.74[−6.09,2.60] −0.79 [2.22] 0.43 [4758.00]	−4.55[−9.05,−0.04]* −1.98 [2.30] 0.05 [4758.00]	−1.64[−8.04,4.75] −0.50 [3.26] 0.61 [4757.00]	−1.73[−8.12,4.67] −0.53 [3.26] 0.60 [4757.00]	−1.74[−8.14,4.66] −0.53 [3.26] 0.59 [4756.00]	−1.77[−8.17,4.63] −0.54 [3.26] 0.59 [4755.00]
V_ProductcigarettesV_RacenamefIndian	3.33[−3.24,9.91] 0.99 [3.35] 0.32 [4758.00]					0.26[−4.20,4.72] 0.11 [2.27] 0.91 [4758.00]	0.27[−4.35,4.89] 0.11 [2.36] 0.91 [4758.00]	3.35[−3.23,9.93] 1.00 [3.35] 0.32 [4757.00]	3.35[−3.22,9.93] 1.00 [3.35] 0.32 [4757.00]	3.36[−3.22,9.94] 1.00 [3.35] 0.32 [4756.00]	3.35[−3.22,9.93] 1.00 [3.35] 0.32 [4755.00]
V_ProducthardwaresuppliesV_RacenamefIndian	2.85[−3.72,9.41] 0.85 [3.35] 0.40 [4758.00]					1.74[−2.69,6.16] 0.77 [2.26] 0.44 [4758.00]	−0.98[−5.55,3.60] −0.42 [2.33] 0.68 [4758.00]	2.91[−3.65,9.47] 0.87 [3.35] 0.38 [4757.00]	2.82[−3.73,9.38] 0.84 [3.35] 0.40 [4757.00]	2.88[−3.68,9.44] 0.86 [3.35] 0.39 [4756.00]	3.00[−3.56,9.56] 0.90 [3.35] 0.37 [4755.00]
V_ProducttoiletpaperV_RacenamefIndian	1.23[−5.36,7.82] 0.37 [3.36] 0.71 [4758.00]					−2.11[−6.58,2.36] −0.93 [2.28] 0.35 [4758.00]	−0.26[−4.89,4.36] −0.11 [2.36] 0.91 [4758.00]	1.14[−5.45,7.73] 0.34 [3.36] 0.73 [4757.00]	1.22[−5.36,7.81] 0.36 [3.36] 0.72 [4757.00]	1.16[−5.43,7.75] 0.34 [3.36] 0.73 [4756.00]	1.30[−5.30,7.89] 0.39 [3.36] 0.70 [4755.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	0.80[−7.01,8.61] 0.20 [3.98] 0.84 [4758.00]					−6.58[−11.86,−1.30]* −2.44 [2.69] 0.01 [4758.00]	1.97[−3.49,7.43] 0.71 [2.79] 0.48 [4758.00]	0.57[−7.24,8.39] 0.14 [3.98] 0.89 [4757.00]	0.88[−6.92,8.69] 0.22 [3.98] 0.82 [4757.00]	0.69[−7.12,8.51] 0.17 [3.99] 0.86 [4756.00]	0.73[−7.09,8.54] 0.18 [3.98] 0.86 [4755.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	−2.93[−10.88,5.03] −0.72 [4.06] 0.47 [4758.00]					−2.24[−7.64,3.16] −0.81 [2.76] 0.42 [4758.00]	2.83[−2.76,8.43] 0.99 [2.85] 0.32 [4758.00]	−3.01[−10.97,4.94] −0.74 [4.06] 0.46 [4757.00]	−2.84[−10.79,5.12] −0.70 [4.06] 0.48 [4757.00]	−2.92[−10.88,5.03] −0.72 [4.06] 0.47 [4756.00]	−2.91[−10.86,5.05] −0.72 [4.06] 0.47 [4755.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	0.33[−7.53,8.19] 0.08 [4.01] 0.93 [4758.00]					−0.62[−5.94,4.70] −0.23 [2.71] 0.82 [4758.00]	3.70[−1.80,9.20] 1.32 [2.81] 0.19 [4758.00]	0.33[−7.53,8.19] 0.08 [4.01] 0.93 [4757.00]	0.48[−7.38,8.33] 0.12 [4.01] 0.91 [4757.00]	0.44[−7.42,8.29] 0.11 [4.01] 0.91 [4756.00]	0.36[−7.50,8.21] 0.09 [4.01] 0.93 [4755.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	2.92[−5.02,10.86] 0.72 [4.05] 0.47 [4758.00]					−0.17[−5.56,5.21] −0.06 [2.75] 0.95 [4758.00]	1.92[−3.66,7.49] 0.67 [2.84] 0.50 [4758.00]	2.92[−5.02,10.86] 0.72 [4.05] 0.47 [4757.00]	2.93[−5.01,10.87] 0.72 [4.05] 0.47 [4757.00]	2.93[−5.01,10.87] 0.72 [4.05] 0.47 [4756.00]	3.03[−4.91,10.97] 0.75 [4.05] 0.45 [4755.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	−1.85[−9.73,6.04] −0.46 [4.02] 0.65 [4758.00]					−1.12[−6.46,4.22] −0.41 [2.72] 0.68 [4758.00]	1.81[−3.72,7.33] 0.64 [2.82] 0.52 [4758.00]	−1.89[−9.77,6.00] −0.47 [4.02] 0.64 [4757.00]	−1.78[−9.66,6.11] −0.44 [4.02] 0.66 [4757.00]	−1.82[−9.71,6.06] −0.45 [4.02] 0.65 [4756.00]	−1.73[−9.61,6.16] −0.43 [4.02] 0.67 [4755.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	0.12[−7.70,7.94] 0.03 [3.99] 0.98 [4758.00]					2.79[−2.51,8.10] 1.03 [2.71] 0.30 [4758.00]	8.44[2.95,13.94]** 3.01 [2.80] 0.00 [4758.00]	0.24[−7.58,8.05] 0.06 [3.99] 0.95 [4757.00]	0.42[−7.41,8.24] 0.10 [3.99] 0.92 [4757.00]	0.43[−7.39,8.25] 0.11 [3.99] 0.91 [4756.00]	0.44[−7.38,8.26] 0.11 [3.99] 0.91 [4755.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−0.22[−8.21,7.77] −0.05 [4.07] 0.96 [4758.00]					−2.61[−8.02,2.81] −0.94 [2.76] 0.35 [4758.00]	0.84[−4.77,6.44] 0.29 [2.86] 0.77 [4758.00]	−0.32[−8.31,7.67] −0.08 [4.08] 0.94 [4757.00]	−0.20[−8.19,7.78] −0.05 [4.07] 0.96 [4757.00]	−0.28[−8.27,7.71] −0.07 [4.07] 0.94 [4756.00]	−0.28[−8.27,7.70] −0.07 [4.07] 0.94 [4755.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−2.14[−10.05,5.77] −0.53 [4.03] 0.60 [4758.00]					−0.65[−5.99,4.69] −0.24 [2.72] 0.81 [4758.00]	4.23[−1.29,9.75] 1.50 [2.82] 0.13 [4758.00]	−2.17[−10.08,5.74] −0.54 [4.03] 0.59 [4757.00]	−2.00[−9.91,5.91] −0.50 [4.03] 0.62 [4757.00]	−2.05[−9.96,5.86] −0.51 [4.03] 0.61 [4756.00]	−2.10[−10.00,5.81] −0.52 [4.03] 0.60 [4755.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	0.57[−7.37,8.52] 0.14 [4.05] 0.89 [4758.00]					2.56[−2.83,7.95] 0.93 [2.75] 0.35 [4758.00]	4.87[−0.71,10.45]+ 1.71 [2.85] 0.09 [4758.00]	0.69[−7.25,8.64] 0.17 [4.05] 0.86 [4757.00]	0.75[−7.20,8.70] 0.18 [4.05] 0.85 [4757.00]	0.80[−7.15,8.75] 0.20 [4.05] 0.84 [4756.00]	0.67[−7.28,8.62] 0.16 [4.06] 0.87 [4755.00]
CCOther_Self		−0.04[−0.08,0.01]+ −1.72 [0.02] 0.09 [4788.00]		−0.03[−0.07,0.02] −1.20 [0.02] 0.23 [4787.00]	−0.04[−0.08,0.01] −1.53 [0.02] 0.13 [4786.00]			−0.04[−0.08,0.00]+ −1.78 [0.02] 0.07 [4757.00]		−0.03[−0.07,0.02] −1.28 [0.02] 0.20 [4756.00]	−0.04[−0.09,0.01] −1.64 [0.02] 0.10 [4755.00]
TCOther_Self			−0.04[−0.08,0.00]+ −1.81 [0.02] 0.07 [4788.00]	−0.03[−0.07,0.01] −1.32 [0.02] 0.19 [4787.00]	−0.04[−0.08,0.01]+ −1.65 [0.02] 0.10 [4786.00]				−0.04[−0.08,0.00]+ −1.78 [0.02] 0.07 [4757.00]	−0.03[−0.07,0.01] −1.28 [0.02] 0.20 [4756.00]	−0.04[−0.08,0.01]+ −1.65 [0.02] 0.10 [4755.00]
CCOther_SelfTCOther_Self					0.00[0.00,0.00] 1.16 [0.00] 0.25 [4786.00]						0.00[0.00,0.00] 1.27 [0.00] 0.20 [4755.00]
SD (Intercept ID)	5.71	5.72	5.68	5.70	5.69	5.75	6.84	5.73	5.69	5.71	5.70
SD (Observations)	14.68	14.69	14.70	14.69	14.70	9.53	9.74	14.67	14.68	14.67	14.67
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg.	0.009	0.001	0.001	0.001	0.001	0.007	0.007	0.009	0.009	0.010	0.010
R2 Cond.	0.139	0.132	0.131	0.132	0.131	0.272	0.335	0.141	0.139	0.140	0.140
AIC	39777.3	39841.7	39841.5	39847.8	39860.7	36005.9	36356.1	39782.0	39782.1	39788.2	39800.9
BIC	39997.5	39867.6	39867.4	39880.2	39899.5	36226.0	36576.3	40008.6	40008.7	40021.3	40040.4
ICC	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.1	0.1	0.1	0.1
RMSE	14.12	14.18	14.19	14.18	14.18	9.04	9.21	14.11	14.12	14.11	14.11

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.25: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	39847.61	40067.74	-19889.80	39779.61			
C2Path	35.00	39846.43	40073.03	-19888.21	39776.43	3.18	1	0.0745

Table 3.26: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	39847.61	40067.74	-19889.80	39779.61			
C2Path	35.00	39846.41	40073.02	-19888.21	39776.41	3.19	1	0.0739

Table 3.27: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	39847.61	40067.74	-19889.80	39779.61			
C2Path	36.00	39846.79	40079.87	-19887.40	39774.79	4.82	2	0.0899

Table 3.28: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	39847.61	40067.74	-19889.80	39779.61			
C2Path	36.00	39846.79	40079.87	-19887.40	39774.79	4.82	2	0.0899

refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML) refitting model(s) with ML (instead of REML)

Table 3.29: Model H2b-3

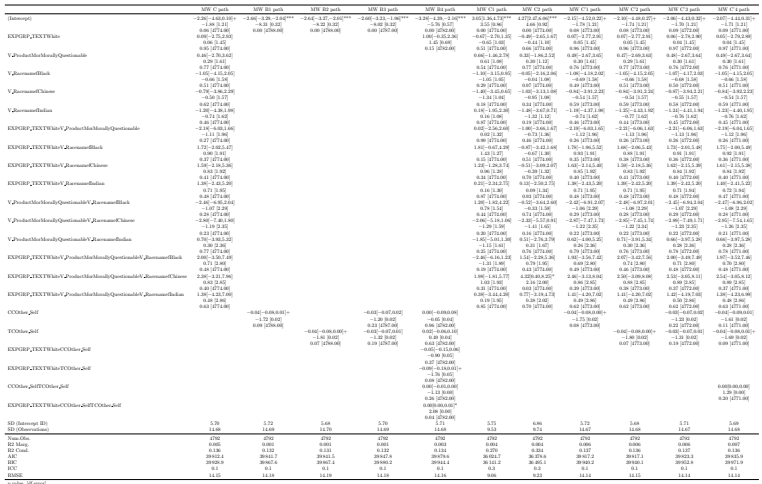

Table 3.30: Catch Covid C & C1 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	39832.84	39949.38	-19898.42	39796.84			
C2Path	19.00	39831.80	39954.81	-19896.90	39793.80	3.05	1	0.0808

Table 3.31: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	39832.84	39949.38	-19898.42	39796.84			
C2Path	19.00	39831.60	39954.61	-19896.80	39793.60	3.25	1	0.0716

Table 3.32: Transmit Covid C & C3 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	39832.84	39949.38	-19898.42	39796.84			
C2Path	20.00	39832.09	39961.58	-19896.04	39792.09	4.76	2	0.0927

Table 3.33: Transmit Covid C & C4 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	18.00	39832.84	39949.38	-19898.42	39796.84			
C2Path	20.00	39832.09	39961.58	-19896.04	39792.09	4.76	2	0.0927

3.4 H2c

Table 3.34: Model H2c

	Other`Self	AllProd	AllProdCross	Prod2level	Prod2levelCross
(Intercept)	3.32[2.58,4.06]*** 8.76 [0.38] 0.00 [4788.00]	1.85[−1.28,4.98] 1.16 [1.60] 0.25 [4757.00]	6.78[3.02,10.54]*** 3.54 [1.92] 0.00 [4726.00]	2.81[0.57,5.05]* 2.46 [1.14] 0.01 [4773.00]	5.47[2.73,8.20]*** 3.92 [1.40] 0.00 [4758.00]
MorallyWrong_self	0.78[0.77,0.80]*** 105.50 [0.01] 0.00 [4788.00]	0.77[0.76,0.79]*** 100.41 [0.01] 0.00 [4757.00]	0.50[0.39,0.62]*** 8.39 [0.06] 0.00 [4726.00]	0.77[0.76,0.79]*** 101.17 [0.01] 0.00 [4773.00]	0.65[0.58,0.73]*** 17.59 [0.04] 0.00 [4758.00]
EXPGRP_TEXTWhite		−0.90[−4.63,2.83] −0.47 [1.90] 0.64 [4757.00]	−4.38[−8.89,0.13]+ −1.90 [2.30] 0.06 [4726.00]	−0.56[−3.22,2.11] −0.41 [1.36] 0.68 [4773.00]	−2.96[−6.25,0.34]+ −1.76 [1.68] 0.08 [4758.00]
V_Productcigarettes		5.41[1.24,9.59]* 2.54 [2.13] 0.01 [4757.00]	−5.48[−11.11,0.15]+ −1.91 [2.87] 0.06 [4726.00]		
V_Producthardwaresupplies		2.00[−2.24,6.24] 0.93 [2.16] 0.35 [4757.00]	−1.95[−7.21,3.30] −0.73 [2.68] 0.47 [4726.00]		
V_Producttoiletpaper		4.59[0.45,8.72]* 2.17 [2.11] 0.03 [4757.00]	−0.43[−5.91,5.05] −0.15 [2.80] 0.88 [4726.00]		
V_RacenamefBlack		−0.95[−5.09,3.19] −0.45 [2.11] 0.65 [4757.00]	0.85[−4.28,5.98] 0.33 [2.62] 0.74 [4726.00]	−0.73[−3.57,2.11] −0.50 [1.45] 0.62 [4773.00]	−0.38[−3.98,3.22] −0.20 [1.84] 0.84 [4758.00]
V_RacenamefChinese		−1.00[−5.08,3.08] −0.48 [2.08] 0.63 [4757.00]	−1.77[−6.78,3.23] −0.69 [2.55] 0.49 [4726.00]	−0.53[−3.35,2.30] −0.37 [1.44] 0.71 [4773.00]	−1.70[−5.34,1.95] −0.91 [1.86] 0.36 [4758.00]
V_RacenamefIndian		−2.65[−6.98,1.68] −1.20 [2.21] 0.23 [4757.00]	−3.93[−9.29,1.43] −1.44 [2.74] 0.15 [4726.00]	−1.35[−4.27,1.58] −0.90 [1.49] 0.37 [4773.00]	−3.35[−7.01,0.31]+ −1.80 [1.87] 0.07 [4758.00]
EXPGRP_TEXTWhiteV_Productcigarettes		−0.91[−5.98,4.16] −0.35 [2.58] 0.72 [4757.00]	7.88[0.98,14.79]* 2.24 [3.52] 0.03 [4726.00]		
EXPGRP_TEXTWhiteV_Producthardwaresupplies		0.71[−4.38,5.80] 0.27 [2.60] 0.78 [4757.00]	2.43[−3.88,8.75] 0.76 [3.22] 0.45 [4726.00]		
EXPGRP_TEXTWhiteV_Producttoiletpaper		−1.88[−6.88,3.12] −0.74 [2.55] 0.46 [4757.00]	2.63[−3.96,9.22] 0.78 [3.36] 0.43 [4726.00]		
EXPGRP_TEXTWhiteV_RacenamefBlack		2.07[−2.94,7.08] 0.81 [2.56] 0.42 [4757.00]	0.59[−5.58,6.76] 0.19 [3.15] 0.85 [4726.00]	1.61[−1.82,5.04] 0.92 [1.75] 0.36 [4773.00]	0.77[−3.57,5.11] 0.35 [2.21] 0.73 [4758.00]
EXPGRP_TEXTWhiteV_RacenamefChinese		2.59[−2.41,7.59] 1.02 [2.55] 0.31 [4757.00]	0.83[−5.28,6.93] 0.27 [3.11] 0.79 [4726.00]	1.81[−1.64,5.27] 1.03 [1.76] 0.30 [4773.00]	1.46[−2.98,5.91] 0.65 [2.27] 0.52 [4758.00]
EXPGRP_TEXTWhiteV_RacenamefIndian		3.33[−1.84,8.49] 1.26 [2.63] 0.21 [4757.00]	5.94[−0.43,12.30]+ 1.83 [3.25] 0.07 [4726.00]	2.31[−1.19,5.81] 1.29 [1.79] 0.20 [4773.00]	4.58[0.18,8.98]* 2.04 [2.24] 0.04 [4758.00]
V_ProductcigarettesV_RacenamefBlack		−3.67[−9.54,2.21] −1.22 [3.00] 0.22 [4757.00]	5.09[−2.98,13.17] 1.24 [4.12] 0.22 [4726.00]		
V_ProducthardwaresuppliesV_RacenamefBlack		0.76[−5.35,6.87] 0.24 [3.12] 0.81 [4757.00]	−2.69[−10.29,4.92] −0.69 [3.88] 0.49 [4726.00]		
V_ProducttoiletpaperV_RacenamefBlack		−1.74[−7.71,4.23] −0.57 [3.04] 0.57 [4757.00]	−4.81[−12.61,3.00] −1.21 [3.98] 0.23 [4726.00]		
V_ProductcigarettesV_RacenamefChinese		−4.75[−10.82,1.32] −1.54 [3.10] 0.12 [4757.00]	0.43[−7.61,8.46] 0.10 [4.10] 0.92 [4726.00]		
V_ProducthardwaresuppliesV_RacenamefChinese		1.17[−4.77,7.11] 0.39 [3.03] 0.70 [4757.00]	−0.55[−8.04,6.94] −0.14 [3.82] 0.89 [4726.00]		
V_ProducttoiletpaperV_RacenamefChinese		−2.06[−7.97,3.85] −0.68 [3.02] 0.49 [4757.00]	−0.71[−8.49,7.07] −0.18 [3.97] 0.86 [4726.00]		
V_ProductcigarettesV_RacenamefIndian		3.07[−3.01,9.14] 0.99 [3.10] 0.32 [4757.00]	13.16[4.81,21.51]** 3.09 [4.26] 0.00 [4726.00]		
V_ProducthardwaresuppliesV_RacenamefIndian		2.21[−3.84,8.25] 0.72 [3.08] 0.47 [4757.00]	1.23[−6.25,8.70] 0.32 [3.81] 0.75 [4726.00]		
V_ProducttoiletpaperV_RacenamefIndian		1.00[−5.08,7.09] 0.32 [3.11] 0.75 [4757.00]	1.90[−6.17,9.96] 0.46 [4.12] 0.65 [4726.00]		
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack		0.94[−6.26,8.15] 0.26 [3.68] 0.80 [4757.00]	−7.43[−17.27,2.40] −1.48 [5.02] 0.14 [4726.00]		
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack		−1.24[−8.60,6.11] −0.33 [3.75] 0.74 [4757.00]	0.62[−8.50,9.74] 0.13 [4.65] 0.89 [4726.00]		
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack		1.57[−5.68,8.83] 0.43 [3.70] 0.67 [4757.00]	0.26[−9.15,9.67] 0.05 [4.80] 0.96 [4726.00]		
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese		1.82[−5.51,9.16] 0.49 [3.74] 0.63 [4757.00]	−0.23[−9.91,9.46] −0.05 [4.94] 0.96 [4726.00]		
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese		−1.68[−8.96,5.60] −0.45 [3.71] 0.65 [4757.00]	1.92[−7.24,11.07] 0.41 [4.67] 0.68 [4726.00]		
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese		−0.54[−7.76,6.69] −0.15 [3.69] 0.88 [4757.00]	−0.57[−9.97,8.83] −0.12 [4.79] 0.91 [4726.00]		
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian		−3.13[−10.51,4.25] −0.83 [3.76] 0.41 [4757.00]	−14.98[−25.05,−4.91]** −2.92 [5.14] 0.00 [4726.00]		
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian		−1.60[−8.90,5.69] −0.43 [3.72] 0.67 [4757.00]	−3.09[−12.11,5.93] −0.67 [4.60] 0.50 [4726.00]		
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian		−0.70[−8.04,6.64] −0.19 [3.75] 0.85 [4757.00]	−5.53[−15.15,4.08] −1.13 [4.90] 0.26 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhite			0.18[0.03,0.32]* 2.39 [0.07] 0.02 [4726.00]		0.10[0.01,0.20]* 2.21 [0.05] 0.03 [4758.00]
MorallyWrong_selfV_Productcigarettes			0.41[0.27,0.55]*** 5.70 [0.07] 0.00 [4726.00]		
MorallyWrong_selfV_Producthardwaresupplies			0.22[0.07,0.37]** 2.89 [0.08] 0.00 [4726.00]		
MorallyWrong_selfV_Producttoiletpaper			0.27[0.13,0.42]*** 3.68 [0.07] 0.00 [4726.00]		
MorallyWrong_selfV_RacenamefBlack			−0.01[−0.16,0.14] −0.13 [0.08] 0.89 [4726.00]		0.00[−0.10,0.09] −0.04 [0.05] 0.97 [4758.00]
MorallyWrong_selfV_RacenamefChinese			0.06[−0.10,0.21] 0.75 [0.08] 0.45 [4726.00]		0.06[−0.04,0.16] 1.10 [0.05] 0.27 [4758.00]
MorallyWrong_selfV_RacenamefIndian			0.08[−0.09,0.25] 0.94 [0.09] 0.35 [4726.00]		0.09[−0.01,0.19]+ 1.70 [0.05] 0.09 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_Productcigarettes			−0.31[−0.48,−0.13]*** −3.44 [0.09] 0.00 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_Producthardwaresupplies			−0.09[−0.28,0.10] −0.96 [0.10] 0.34 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_Producttoiletpaper			−0.21[−0.39,−0.04]* −2.37 [0.09] 0.02 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_RacenamefBlack			0.00[−0.19,0.19] 0.01 [0.10] 0.99 [4726.00]		0.03[−0.09,0.15] 0.45 [0.06] 0.65 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_RacenamefChinese			0.08[−0.11,0.28] 0.87 [0.10] 0.38 [4726.00]		0.02[−0.11,0.14] 0.26 [0.06] 0.79 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_RacenamefIndian			−0.12[−0.32,0.08] −1.18 [0.10] 0.24 [4726.00]		−0.10[−0.22,0.03] −1.50 [0.06] 0.13 [4758.00]
MorallyWrong_selfV_ProductcigarettesV_RacenamefBlack			−0.25[−0.44,−0.06]** −2.58 [0.10] 0.01 [4726.00]		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefBlack			0.09[−0.12,0.29] 0.83 [0.10] 0.40 [4726.00]		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefBlack			0.05[−0.15,0.25] 0.50 [0.10] 0.62 [4726.00]		
MorallyWrong_selfV_ProductcigarettesV_RacenamefChinese			−0.15[−0.34,0.05] −1.45 [0.10] 0.15 [4726.00]		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefChinese			0.04[−0.17,0.25] 0.38 [0.11] 0.71 [4726.00]		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefChinese			−0.08[−0.28,0.11] −0.83 [0.10] 0.41 [4726.00]		
MorallyWrong_selfV_ProductcigarettesV_RacenamefIndian			−0.30[−0.51,−0.09]** −2.84 [0.11] 0.00 [4726.00]		
MorallyWrong_selfV_ProducthardwaresuppliesV_RacenamefIndian			0.03[−0.18,0.25] 0.30 [0.11] 0.77 [4726.00]		
MorallyWrong_selfV_ProducttoiletpaperV_RacenamefIndian			−0.08[−0.28,0.13] −0.71 [0.11] 0.48 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack			0.24[0.00,0.48]* 1.99 [0.12] 0.05 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack			−0.03[−0.28,0.22] −0.23 [0.13] 0.82 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack			0.09[−0.15,0.33] 0.72 [0.12] 0.47 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese			−0.01[−0.26,0.23] −0.11 [0.12] 0.91 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese			−0.17[−0.42,0.09] −1.26 [0.13] 0.21 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese			−0.02[−0.26,0.22] −0.15 [0.12] 0.88 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian			0.36[0.11,0.61]** 2.80 [0.13] 0.01 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian			0.05[−0.22,0.31] 0.35 [0.13] 0.73 [4726.00]		
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian			0.20[−0.05,0.45] 1.57 [0.13] 0.12 [4726.00]		
V_ProductMorMorallyQuestionable				3.92[1.00,6.84]** 2.63 [1.49] 0.01 [4773.00]	−1.69[−5.67,2.29] −0.83 [2.03] 0.41 [4758.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable				−1.77[−5.31,1.77] −0.98 [1.81] 0.33 [4773.00]	3.76[−1.07,8.59] 1.53 [2.46] 0.13 [4758.00]
V_ProductMorMorallyQuestionableV_RacenamefBlack				−2.92[−7.06,1.22] −1.38 [2.11] 0.17 [4773.00]	1.46[−4.15,7.06] 0.51 [2.86] 0.61 [4758.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese				−3.81[−8.07,0.45]+ −1.75 [2.17] 0.08 [4773.00]	−0.18[−5.93,5.57] −0.06 [2.93] 0.95 [4758.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian				0.74[−3.55,5.03] 0.34 [2.19] 0.73 [4773.00]	6.68[0.82,12.54]* 2.24 [2.99] 0.03 [4758.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack				1.75[−3.32,6.81] 0.68 [2.58] 0.50 [4773.00]	−3.86[−10.70,2.97] −1.11 [3.48] 0.27 [4758.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese				1.46[−3.71,6.63] 0.55 [2.64] 0.58 [4773.00]	−0.91[−7.85,6.02] −0.26 [3.54] 0.80 [4758.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian				−0.87[−6.08,4.33] −0.33 [2.65] 0.74 [4773.00]	−8.61[−15.65,−1.57]* −2.40 [3.59] 0.02 [4758.00]
MorallyWrong_selfV_ProductMorMorallyQuestionable					0.20[0.10,0.29]*** 4.17 [0.05] 0.00 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable					−0.19[−0.30,−0.07]** −3.14 [0.06] 0.00 [4758.00]
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefBlack					−0.13[−0.25,0.00]+ −1.90 [0.07] 0.06 [4758.00]
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefChinese					−0.12[−0.25,0.02]+ −1.72 [0.07] 0.09 [4758.00]
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefIndian					−0.19[−0.33,−0.06]** −2.80 [0.07] 0.01 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack					0.15[−0.01,0.31]+ 1.80 [0.08] 0.07 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese					0.05[−0.11,0.22] 0.60 [0.08] 0.55 [4758.00]
MorallyWrong_selfEXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian					0.25[0.08,0.42]** 2.93 [0.09] 0.00 [4758.00]
SD (Intercept ID)	6.17	6.30	6.29	6.25	6.26
SD (Observations)	13.37	13.28	13.07	13.32	13.26
Num.Obs.	4792	4792	4792	4792	4792
R2 Marg.	0.733	0.732	0.739	0.732	0.734
R2 Cond.	0.780	0.782	0.788	0.781	0.782
AIC	39 062.2	38 977.4	39 008.6	39 026.3	39 082.6
BIC	39 088.1	39 204.0	39 436.0	39 149.3	39 302.7
ICC	0.2	0.2	0.2	0.2	0.2
RMSE	12.83	12.70	12.45	12.76	12.68

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

3.5 H3a

Table 3.35: Model H3a

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.82[−4.81,6.45] 0.29 [2.87] 0.78 [2324.00]	1.08[0.58,1.59]*** 4.19 [0.26] 0.00 [2392.00]	13.88[3.02,24.73]* 2.51 [5.53] 0.01 [2324.00]	−0.06[−5.66,5.53] −0.02 [2.85] 0.98 [2323.00]	2.78[−3.14,8.70] 0.92 [3.02] 0.36 [2324.00]	0.85[0.32,1.37]** 3.13 [0.27] 0.00 [2392.00]	13.88[3.02,24.73]* 2.51 [5.53] 0.01 [2324.00]	1.40[−4.44,7.24] 0.47 [2.98] 0.64 [2323.00]
EXPGRP_TEXTWhite	−1.23[−6.61,4.15] −0.45 [2.74] 0.65 [2324.00]		−5.27[−15.63,5.10] −1.00 [5.29] 0.32 [2324.00]	−0.86[−6.21,4.48] −0.32 [2.73] 0.75 [2323.00]	−0.62[−6.28,5.05] −0.21 [2.89] 0.83 [2324.00]		−5.27[−15.63,5.10] −1.00 [5.29] 0.32 [2324.00]	−0.05[−5.63,5.53] −0.02 [2.84] 0.99 [2323.00]
V_PresentationDefensive	0.31[−6.50,7.12] 0.09 [3.47] 0.93 [2324.00]		−16.71[−29.83,−3.60]* −2.50 [6.69] 0.01 [2324.00]	1.35[−5.42,8.11] 0.39 [3.45] 0.70 [2323.00]	−0.81[−7.97,6.35] −0.22 [3.65] 0.83 [2324.00]		−16.71[−29.83,−3.60]* −2.50 [6.69] 0.01 [2324.00]	0.83[−6.24,7.89] 0.23 [3.60] 0.82 [2323.00]
V_Productcigarettes	0.58[−5.51,6.68] 0.19 [3.11] 0.85 [2324.00]		−2.00[−13.74,9.75] −0.33 [5.99] 0.74 [2324.00]	0.74[−5.32,6.79] 0.24 [3.09] 0.81 [2323.00]	−3.40[−9.81,3.02] −1.04 [3.27] 0.30 [2324.00]		−2.00[−13.74,9.75] −0.33 [5.99] 0.74 [2324.00]	−3.15[−9.47,3.16] −0.98 [3.22] 0.33 [2323.00]
V_Producthardwaresupplies	0.01[−6.19,6.22] 0.00 [3.17] 1.00 [2324.00]		5.26[−6.71,17.22] 0.86 [6.10] 0.39 [2324.00]	−0.30[−6.46,5.87] −0.09 [3.14] 0.92 [2323.00]	−2.63[−9.16,3.90] −0.79 [3.33] 0.43 [2324.00]		5.26[−6.71,17.22] 0.86 [6.10] 0.39 [2324.00]	−3.11[−9.54,3.32] −0.95 [3.28] 0.34 [2323.00]
V_Producttoiletpaper	1.67[−4.59,7.92] 0.52 [3.19] 0.60 [2324.00]		13.36[1.30,25.41]* 2.17 [6.15] 0.03 [2324.00]	0.83[−5.38,7.05] 0.26 [3.17] 0.79 [2323.00]	−0.73[−7.31,5.85] −0.22 [3.36] 0.83 [2324.00]		13.36[1.30,25.41]* 2.17 [6.15] 0.03 [2324.00]	−2.00[−8.49,4.49] −0.60 [3.31] 0.55 [2323.00]
V_RacenamefBlack	−0.22[−6.47,6.04] −0.07 [3.19] 0.95 [2324.00]		−0.48[−12.54,11.58] −0.08 [6.15] 0.94 [2324.00]	−0.20[−6.41,6.01] −0.06 [3.17] 0.95 [2323.00]	1.20[−5.38,7.78] 0.36 [3.36] 0.72 [2324.00]		−0.48[−12.54,11.58] −0.08 [6.15] 0.94 [2324.00]	1.24[−5.24,7.72] 0.37 [3.30] 0.71 [2323.00]
V_RacenamefChinese	−0.95[−7.65,5.76] −0.28 [3.42] 0.78 [2324.00]		−5.39[−18.31,7.53] −0.82 [6.59] 0.41 [2324.00]	−0.56[−7.22,6.10] −0.16 [3.40] 0.87 [2323.00]	0.32[−6.73,7.38] 0.09 [3.60] 0.93 [2324.00]		−5.39[−18.31,7.53] −0.82 [6.59] 0.41 [2324.00]	0.93[−6.02,7.88] 0.26 [3.54] 0.79 [2323.00]
V_RacenamefIndian	0.14[−6.32,6.59] 0.04 [3.29] 0.97 [2324.00]		−2.63[−15.06,9.81] −0.41 [6.34] 0.68 [2324.00]	0.31[−6.10,6.72] 0.09 [3.27] 0.93 [2323.00]	−1.46[−8.25,5.33] −0.42 [3.46] 0.67 [2324.00]		−2.63[−15.06,9.81] −0.41 [6.34] 0.68 [2324.00]	−1.19[−7.88,5.49] −0.35 [3.41] 0.73 [2323.00]
V_Age	0.02[−0.07,0.10] 0.45 [0.04] 0.66 [2324.00]		−0.06[−0.22,0.11] −0.70 [0.08] 0.48 [2324.00]	0.02[−0.06,0.11] 0.54 [0.04] 0.59 [2323.00]	−0.02[−0.11,0.07] −0.45 [0.05] 0.66 [2324.00]		−0.06[−0.22,0.11] −0.70 [0.08] 0.48 [2324.00]	−0.01[−0.10,0.07] −0.32 [0.05] 0.75 [2323.00]
V_Locationinthecity	0.76[−0.37,1.89] 1.31 [0.58] 0.19 [2324.00]		0.76[−1.42,2.94] 0.69 [1.11] 0.49 [2324.00]	0.72[−0.40,1.84] 1.25 [0.57] 0.21 [2323.00]	1.23[0.04,2.42]* 2.02 [0.61] 0.04 [2324.00]		0.76[−1.42,2.94] 0.69 [1.11] 0.49 [2324.00]	1.18[0.00,2.35]* 1.97 [0.60] 0.05 [2323.00]
V_Locationnearby	−0.01[−1.16,1.13] −0.02 [0.58] 0.98 [2324.00]		−1.13[−3.33,1.08] −1.00 [1.13] 0.32 [2324.00]	0.06[−1.08,1.20] 0.11 [0.58] 0.92 [2323.00]	0.35[−0.86,1.55] 0.56 [0.61] 0.57 [2324.00]		−1.13[−3.33,1.08] −1.00 [1.13] 0.32 [2324.00]	0.47[−0.72,1.66] 0.78 [0.61] 0.44 [2323.00]
V_StoreTypedepartmentstore	0.90[−0.23,2.04] 1.57 [0.58] 0.12 [2324.00]		1.15[−1.04,3.33] 1.03 [1.11] 0.30 [2324.00]	0.82[−0.31,1.95] 1.43 [0.57] 0.15 [2323.00]	0.55[−0.64,1.74] 0.91 [0.61] 0.36 [2324.00]		1.15[−1.04,3.33] 1.03 [1.11] 0.30 [2324.00]	0.42[−0.75,1.60] 0.70 [0.60] 0.48 [2323.00]
V_StoreTypesupermarket	0.82[−0.31,1.95] 1.42 [0.57] 0.15 [2324.00]		0.87[−1.30,3.04] 0.79 [1.11] 0.43 [2324.00]	0.76[−0.36,1.88] 1.33 [0.57] 0.18 [2323.00]	1.26[0.08,2.45]* 2.09 [0.60] 0.04 [2324.00]		0.87[−1.30,3.04] 0.79 [1.11] 0.43 [2324.00]	1.17[0.01,2.34]* 1.97 [0.60] 0.05 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensive	−1.25[−9.38,6.89] −0.30 [4.15] 0.76 [2324.00]		1.85[−13.83,17.52] 0.23 [7.99] 0.82 [2324.00]	−1.38[−9.45,6.70] −0.33 [4.12] 0.74 [2323.00]	1.20[−7.35,9.76] 0.28 [4.36] 0.78 [2324.00]		1.85[−13.83,17.52] 0.23 [7.99] 0.82 [2324.00]	0.98[−7.44,9.41] 0.23 [4.30] 0.82 [2323.00]
EXPGRP_TEXTWhiteV_Productcigarettes	4.36[−3.16,11.87] 1.14 [3.83] 0.26 [2324.00]		−0.25[−14.73,14.24] −0.03 [7.39] 0.97 [2324.00]	4.31[−3.16,11.77] 1.13 [3.81] 0.26 [2323.00]	5.89[−2.02,13.79] 1.46 [4.03] 0.14 [2324.00]		−0.25[−14.73,14.24] −0.03 [7.39] 0.97 [2324.00]	5.80[−1.98,13.59] 1.46 [3.97] 0.14 [2323.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	−0.52[−7.97,6.93] −0.14 [3.80] 0.89 [2324.00]		1.36[−13.00,15.73] 0.19 [7.33] 0.85 [2324.00]	−0.65[−8.05,6.75] −0.17 [3.77] 0.86 [2323.00]	1.87[−5.97,9.71] 0.47 [4.00] 0.64 [2324.00]		1.36[−13.00,15.73] 0.19 [7.33] 0.85 [2324.00]	1.69[−6.03,9.41] 0.43 [3.94] 0.67 [2323.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	−2.00[−9.67,5.67] −0.51 [3.91] 0.61 [2324.00]		7.74[−7.04,22.52] 1.03 [7.54] 0.30 [2324.00]	−2.52[−10.14,5.09] −0.65 [3.88] 0.52 [2323.00]	−0.39[−8.45,7.68] −0.09 [4.11] 0.92 [2324.00]		7.74[−7.04,22.52] 1.03 [7.54] 0.30 [2324.00]	−1.21[−9.16,6.73] −0.30 [4.05] 0.76 [2323.00]
V_PresentationDefensiveV_Productcigarettes	1.29[−8.00,10.57] 0.27 [4.73] 0.79 [2324.00]		12.72[−5.17,30.62] 1.39 [9.13] 0.16 [2324.00]	0.51[−8.71,9.74] 0.11 [4.70] 0.91 [2323.00]	2.61[−7.15,12.38] 0.52 [4.98] 0.60 [2324.00]		12.72[−5.17,30.62] 1.39 [9.13] 0.16 [2324.00]	1.38[−8.24,11.01] 0.28 [4.91] 0.78 [2323.00]
V_PresentationDefensiveV_Producthardwaresupplies	−2.54[−12.02,6.94] −0.53 [4.83] 0.60 [2324.00]		−14.50[−32.78,3.77] −1.56 [9.32] 0.12 [2324.00]	−1.63[−11.05,7.78] −0.34 [4.80] 0.73 [2323.00]	−1.91[−11.88,8.06] −0.38 [5.08] 0.71 [2324.00]		−14.50[−32.78,3.77] −1.56 [9.32] 0.12 [2324.00]	−0.49[−10.32,9.34] −0.10 [5.01] 0.92 [2323.00]
V_PresentationDefensiveV_Producttoiletpaper	−2.77[−11.92,6.39] −0.59 [4.67] 0.55 [2324.00]		−11.29[−28.93,6.35] −1.25 [9.00] 0.21 [2324.00]	−2.06[−11.15,7.03] −0.44 [4.64] 0.66 [2323.00]	1.74[−7.89,11.36] 0.35 [4.91] 0.72 [2324.00]		−11.29[−28.93,6.35] −1.25 [9.00] 0.21 [2324.00]	2.77[−6.71,12.26] 0.57 [4.84] 0.57 [2323.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	−1.00[−8.60,6.59] −0.26 [3.87] 0.80 [2324.00]		−1.58[−16.22,13.05] −0.21 [7.46] 0.83 [2324.00]	−0.92[−8.46,6.62] −0.24 [3.84] 0.81 [2323.00]	−2.40[−10.39,5.58] −0.59 [4.07] 0.56 [2324.00]		−1.58[−16.22,13.05] −0.21 [7.46] 0.83 [2324.00]	−2.25[−10.11,5.62] −0.56 [4.01] 0.58 [2323.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	0.85[−7.28,8.98] 0.21 [4.15] 0.84 [2324.00]		5.38[−10.29,21.06] 0.67 [7.99] 0.50 [2324.00]	0.43[−7.65,8.51] 0.10 [4.12] 0.92 [2323.00]	−0.52[−9.08,8.03] −0.12 [4.36] 0.90 [2324.00]		5.38[−10.29,21.06] 0.67 [7.99] 0.50 [2324.00]	−1.17[−9.59,7.26] −0.27 [4.30] 0.79 [2323.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	2.02[−5.66,9.70] 0.52 [3.92] 0.61 [2324.00]		5.57[−9.23,20.38] 0.74 [7.55] 0.46 [2324.00]	1.66[−5.97,9.29] 0.43 [3.89] 0.67 [2323.00]	1.47[−6.61,9.55] 0.36 [4.12] 0.72 [2324.00]		5.57[−9.23,20.38] 0.74 [7.55] 0.46 [2324.00]	0.91[−7.05,8.87] 0.22 [4.06] 0.82 [2323.00]
V_PresentationDefensiveV_RacenamefBlack	−1.51[−10.72,7.70] −0.32 [4.70] 0.75 [2324.00]		−8.01[−25.76,9.74] −0.89 [9.05] 0.38 [2324.00]	−0.97[−10.11,8.18] −0.21 [4.66] 0.84 [2323.00]	−4.24[−13.92,5.45] −0.86 [4.94] 0.39 [2324.00]		−8.01[−25.76,9.74] −0.89 [9.05] 0.38 [2324.00]	−3.42[−12.97,6.12] −0.70 [4.87] 0.48 [2323.00]
V_PresentationDefensiveV_RacenamefChinese	−4.53[−13.76,4.70] −0.96 [4.71] 0.34 [2324.00]		3.55[−14.24,21.34] 0.39 [9.07] 0.70 [2324.00]	−4.79[−13.95,4.38] −1.02 [4.67] 0.31 [2323.00]	−3.56[−13.27,6.15] −0.72 [4.95] 0.47 [2324.00]		3.55[−14.24,21.34] 0.39 [9.07] 0.70 [2324.00]	−3.99[−13.56,5.57] −0.82 [4.88] 0.41 [2323.00]
V_PresentationDefensiveV_RacenamefIndian	−1.11[−10.76,8.54] −0.23 [4.92] 0.82 [2324.00]		−0.72[−19.31,17.87] −0.08 [9.48] 0.94 [2324.00]	−1.06[−10.64,8.52] −0.22 [4.89] 0.83 [2323.00]	−0.84[−10.99,9.31] −0.16 [5.18] 0.87 [2324.00]		−0.72[−19.31,17.87] −0.08 [9.48] 0.94 [2324.00]	−0.76[−10.76,9.24] −0.15 [5.10] 0.88 [2323.00]
V_ProductcigarettesV_RacenamefBlack	−2.69[−11.51,6.13] −0.60 [4.50] 0.55 [2324.00]		−4.17[−21.10,12.75] −0.48 [8.63] 0.63 [2324.00]	−2.40[−11.16,6.35] −0.54 [4.47] 0.59 [2323.00]	−1.91[−11.20,7.37] −0.40 [4.73] 0.69 [2324.00]		−4.17[−21.10,12.75] −0.48 [8.63] 0.63 [2324.00]	−1.49[−10.63,7.65] −0.32 [4.66] 0.75 [2323.00]
V_ProducthardwaresuppliesV_RacenamefBlack	1.74[−7.50,10.97] 0.37 [4.71] 0.71 [2324.00]		−3.94[−21.63,13.75] −0.44 [9.02] 0.66 [2324.00]	1.97[−7.20,11.14] 0.42 [4.68] 0.67 [2323.00]	0.75[−8.97,10.47] 0.15 [4.96] 0.88 [2324.00]		−3.94[−21.63,13.75] −0.44 [9.02] 0.66 [2324.00]	1.14[−8.43,10.71] 0.23 [4.88] 0.82 [2323.00]
V_ProducttoiletpaperV_RacenamefBlack	−2.22[−11.25,6.80] −0.48 [4.60] 0.63 [2324.00]		−2.85[−20.19,14.48] −0.32 [8.84] 0.75 [2324.00]	−2.03[−10.99,6.93] −0.44 [4.57] 0.66 [2323.00]	−5.55[−15.04,3.95] −1.14 [4.84] 0.25 [2324.00]		−2.85[−20.19,14.48] −0.32 [8.84] 0.75 [2324.00]	−5.24[−14.59,4.11] −1.10 [4.77] 0.27 [2323.00]
V_ProductcigarettesV_RacenamefChinese	1.58[−7.76,10.91] 0.33 [4.76] 0.74 [2324.00]		3.25[−14.74,21.24] 0.35 [9.17] 0.72 [2324.00]	1.28[−7.99,10.55] 0.27 [4.73] 0.79 [2323.00]	6.38[−3.44,16.20] 1.27 [5.01] 0.20 [2324.00]		3.25[−14.74,21.24] 0.35 [9.17] 0.72 [2324.00]	5.96[−3.71,15.63] 1.21 [4.93] 0.23 [2323.00]
V_ProducthardwaresuppliesV_RacenamefChinese	2.03[−7.12,11.17] 0.43 [4.66] 0.66 [2324.00]		0.74[−16.88,18.37] 0.08 [8.99] 0.93 [2324.00]	1.93[−7.15,11.01] 0.42 [4.63] 0.68 [2323.00]	5.20[−4.42,14.82] 1.06 [4.90] 0.29 [2324.00]		0.74[−16.88,18.37] 0.08 [8.99] 0.93 [2324.00]	5.08[−4.39,14.56] 1.05 [4.83] 0.29 [2323.00]
V_ProducttoiletpaperV_RacenamefChinese	−9.13[−18.40,0.13]+ −1.93 [4.72] 0.05 [2324.00]		4.38[−13.47,22.24] 0.48 [9.11] 0.63 [2324.00]	−9.48[−18.68,−0.29]* −2.02 [4.69] 0.04 [2323.00]	−6.04[−15.78,3.71] −1.21 [4.97] 0.22 [2324.00]		4.38[−13.47,22.24] 0.48 [9.11] 0.63 [2324.00]	−6.58[−16.18,3.02] −1.34 [4.89] 0.18 [2323.00]
V_ProductcigarettesV_RacenamefIndian	1.20[−7.52,9.91] 0.27 [4.45] 0.79 [2324.00]		0.91[−15.83,17.65] 0.11 [8.54] 0.92 [2324.00]	1.10[−7.55,9.76] 0.25 [4.41] 0.80 [2323.00]	0.19[−8.98,9.37] 0.04 [4.68] 0.97 [2324.00]		0.91[−15.83,17.65] 0.11 [8.54] 0.92 [2324.00]	0.02[−9.02,9.05] 0.00 [4.61] 1.00 [2323.00]
V_ProducthardwaresuppliesV_RacenamefIndian	6.55[−2.42,15.52] 1.43 [4.57] 0.15 [2324.00]		3.51[−13.74,20.76] 0.40 [8.80] 0.69 [2324.00]	6.34[−2.57,15.24] 1.40 [4.54] 0.16 [2323.00]	9.31[−0.12,18.75]+ 1.94 [4.81] 0.05 [2324.00]		3.51[−13.74,20.76] 0.40 [8.80] 0.69 [2324.00]	9.01[−0.28,18.31]+ 1.90 [4.74] 0.06 [2323.00]
V_ProducttoiletpaperV_RacenamefIndian	−8.14[−17.12,0.84]+ −1.78 [4.58] 0.08 [2324.00]		4.69[−12.54,21.93] 0.53 [8.79] 0.59 [2324.00]	−8.40[−17.32,0.51]+ −1.85 [4.55] 0.06 [2323.00]	−3.24[−12.70,6.21] −0.67 [4.82] 0.50 [2324.00]		4.69[−12.54,21.93] 0.53 [8.79] 0.59 [2324.00]	−3.66[−12.97,5.65] −0.77 [4.75] 0.44 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Productcigarettes	−3.74[−15.03,7.54] −0.65 [5.75] 0.52 [2324.00]		−0.99[−22.73,20.76] −0.09 [11.09] 0.93 [2324.00]	−3.65[−14.85,7.55] −0.64 [5.71] 0.52 [2323.00]	−3.88[−15.75,7.99] −0.64 [6.05] 0.52 [2324.00]		−0.99[−22.73,20.76] −0.09 [11.09] 0.93 [2324.00]	−3.69[−15.39,8.00] −0.62 [5.96] 0.54 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producthardwaresupplies	1.40[−9.97,12.77] 0.24 [5.80] 0.81 [2324.00]		0.20[−21.72,22.13] 0.02 [11.18] 0.99 [2324.00]	1.40[−9.89,12.69] 0.24 [5.76] 0.81 [2323.00]	−1.71[−13.67,10.25] −0.28 [6.10] 0.78 [2324.00]		0.20[−21.72,22.13] 0.02 [11.18] 0.99 [2324.00]	−1.77[−13.55,10.02] −0.29 [6.01] 0.77 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producttoiletpaper	5.10[−5.98,16.18] 0.90 [5.65] 0.37 [2324.00]		−2.27[−23.63,19.10] −0.21 [10.89] 0.84 [2324.00]	5.27[−5.73,16.28] 0.94 [5.61] 0.35 [2323.00]	−1.91[−13.56,9.75] −0.32 [5.94] 0.75 [2324.00]		−2.27[−23.63,19.10] −0.21 [10.89] 0.84 [2324.00]	−1.59[−13.07,9.89] −0.27 [5.85] 0.79 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefBlack	3.68[−7.45,14.80] 0.65 [5.67] 0.52 [2324.00]		9.74[−11.71,31.18] 0.89 [10.94] 0.37 [2324.00]	3.01[−8.04,14.06] 0.53 [5.63] 0.59 [2323.00]	2.37[−9.34,14.07] 0.40 [5.97] 0.69 [2324.00]		9.74[−11.71,31.18] 0.89 [10.94] 0.37 [2324.00]	1.31[−10.22,12.84] 0.22 [5.88] 0.82 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefChinese	6.52[−4.73,17.77] 1.14 [5.74] 0.26 [2324.00]		−6.85[−28.52,14.82] −0.62 [11.05] 0.54 [2324.00]	6.99[−4.18,18.16] 1.23 [5.70] 0.22 [2323.00]	1.99[−9.84,13.83] 0.33 [6.03] 0.74 [2324.00]		−6.85[−28.52,14.82] −0.62 [11.05] 0.54 [2324.00]	2.73[−8.93,14.39] 0.46 [5.94] 0.65 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefIndian	−1.88[−13.39,9.62] −0.32 [5.87] 0.75 [2324.00]		−4.82[−26.98,17.35] −0.43 [11.30] 0.67 [2324.00]	−1.56[−12.98,9.86] −0.27 [5.82] 0.79 [2323.00]	−2.19[−14.29,9.92] −0.35 [6.17] 0.72 [2324.00]		−4.82[−26.98,17.35] −0.43 [11.30] 0.67 [2324.00]	−1.72[−13.64,10.20] −0.28 [6.08] 0.78 [2323.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	−0.75[−11.58,10.08] −0.14 [5.52] 0.89 [2324.00]		1.76[−19.03,22.55] 0.17 [10.60] 0.87 [2324.00]	−0.84[−11.59,9.92] −0.15 [5.48] 0.88 [2323.00]	−1.03[−12.43,10.37] −0.18 [5.81] 0.86 [2324.00]		1.76[−19.03,22.55] 0.17 [10.60] 0.87 [2324.00]	−1.19[−12.41,10.04] −0.21 [5.72] 0.84 [2323.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	2.00[−9.14,13.13] 0.35 [5.68] 0.73 [2324.00]		1.36[−19.99,22.71] 0.13 [10.89] 0.90 [2324.00]	1.95[−9.11,13.00] 0.35 [5.64] 0.73 [2323.00]	1.80[−9.92,13.53] 0.30 [5.98] 0.76 [2324.00]		1.36[−19.99,22.71] 0.13 [10.89] 0.90 [2324.00]	1.63[−9.91,13.18] 0.28 [5.89] 0.78 [2323.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	1.35[−9.66,12.36] 0.24 [5.62] 0.81 [2324.00]		2.78[−18.37,23.93] 0.26 [10.79] 0.80 [2324.00]	1.20[−9.73,12.14] 0.22 [5.58] 0.83 [2323.00]	5.03[−6.56,16.62] 0.85 [5.91] 0.39 [2324.00]		2.78[−18.37,23.93] 0.26 [10.79] 0.80 [2324.00]	4.78[−6.64,16.19] 0.82 [5.82] 0.41 [2323.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	−4.35[−15.64,6.94] −0.76 [5.76] 0.45 [2324.00]		−2.39[−24.14,19.36] −0.22 [11.09] 0.83 [2324.00]	−4.07[−15.28,7.14] −0.71 [5.72] 0.48 [2323.00]	−9.05[−20.92,2.82] −1.49 [6.05] 0.14 [2324.00]		−2.39[−24.14,19.36] −0.22 [11.09] 0.83 [2324.00]	−8.69[−20.39,3.00] −1.46 [5.96] 0.15 [2323.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	0.87[−10.28,12.02] 0.15 [5.69] 0.88 [2324.00]		−0.15[−21.64,21.34] −0.01 [10.96] 0.99 [2324.00]	0.97[−10.10,12.04] 0.17 [5.65] 0.86 [2323.00]	−5.67[−17.39,6.06] −0.95 [5.98] 0.34 [2324.00]		−0.15[−21.64,21.34] −0.01 [10.96] 0.99 [2324.00]	−5.55[−17.10,6.00] −0.94 [5.89] 0.35 [2323.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	7.12[−4.19,18.42] 1.23 [5.77] 0.22 [2324.00]		−11.37[−33.17,10.43] −1.02 [11.12] 0.31 [2324.00]	7.96[−3.27,19.19] 1.39 [5.73] 0.16 [2323.00]	3.66[−8.23,15.55] 0.60 [6.07] 0.55 [2324.00]		−11.37[−33.17,10.43] −1.02 [11.12] 0.31 [2324.00]	5.01[−6.71,16.73] 0.84 [5.98] 0.40 [2323.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−7.42[−18.18,3.33] −1.35 [5.49] 0.18 [2324.00]		−4.48[−25.12,16.16] −0.43 [10.53] 0.67 [2324.00]	−7.11[−17.79,3.57] −1.30 [5.45] 0.19 [2323.00]	−4.78[−16.10,6.54] −0.83 [5.77] 0.41 [2324.00]		−4.48[−25.12,16.16] −0.43 [10.53] 0.67 [2324.00]	−4.26[−15.41,6.89] −0.75 [5.69] 0.45 [2323.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−7.55[−18.26,3.16] −1.38 [5.46] 0.17 [2324.00]		−5.89[−26.47,14.70] −0.56 [10.50] 0.58 [2324.00]	−7.18[−17.81,3.45] −1.32 [5.42] 0.19 [2323.00]	−11.26[−22.53,0.01]+ −1.96 [5.75] 0.05 [2324.00]		−5.89[−26.47,14.70] −0.56 [10.50] 0.58 [2324.00]	−10.72[−21.82,0.38]+ −1.89 [5.66] 0.06 [2323.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	1.54[−9.34,12.42] 0.28 [5.55] 0.78 [2324.00]		−13.74[−34.62,7.15] −1.29 [10.65] 0.20 [2324.00]	2.38[−8.42,13.19] 0.43 [5.51] 0.67 [2323.00]	−0.19[−11.64,11.26] −0.03 [5.84] 0.97 [2324.00]		−13.74[−34.62,7.15] −1.29 [10.65] 0.20 [2324.00]	1.13[−10.15,12.41] 0.20 [5.75] 0.84 [2323.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	3.79[−8.99,16.58] 0.58 [6.52] 0.56 [2324.00]		12.96[−11.65,37.57] 1.03 [12.55] 0.30 [2324.00]	2.90[−9.80,15.60] 0.45 [6.48] 0.65 [2323.00]	6.73[−6.73,20.18] 0.98 [6.86] 0.33 [2324.00]		12.96[−11.65,37.57] 1.03 [12.55] 0.30 [2324.00]	5.40[−7.85,18.65] 0.80 [6.76] 0.42 [2323.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−7.00[−20.20,6.20] −1.04 [6.73] 0.30 [2324.00]		0.06[−25.31,25.44] 0.00 [12.94] 1.00 [2324.00]	−7.06[−20.16,6.05] −1.06 [6.68] 0.29 [2323.00]	1.53[−12.37,15.42] 0.22 [7.08] 0.83 [2324.00]		0.06[−25.31,25.44] 0.00 [12.94] 1.00 [2324.00]	1.35[−12.33,15.03] 0.19 [6.98] 0.85 [2323.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	5.88[−7.03,18.78] 0.89 [6.58] 0.37 [2324.00]		6.08[−18.79,30.96] 0.48 [12.69] 0.63 [2324.00]	5.49[−7.33,18.30] 0.84 [6.53] 0.40 [2323.00]	6.42[−7.16,19.99] 0.93 [6.92] 0.35 [2324.00]		6.08[−18.79,30.96] 0.48 [12.69] 0.63 [2324.00]	5.83[−7.55,19.20] 0.85 [6.82] 0.39 [2323.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	4.15[−8.92,17.22] 0.62 [6.67] 0.53 [2324.00]		−7.66[−33.09,17.77] −0.59 [12.97] 0.55 [2324.00]	4.64[−8.35,17.62] 0.70 [6.62] 0.48 [2323.00]	−2.38[−16.11,11.35] −0.34 [7.00] 0.73 [2324.00]		−7.66[−33.09,17.77] −0.59 [12.97] 0.55 [2324.00]	−1.64[−15.17,11.90] −0.24 [6.90] 0.81 [2323.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	3.86[−9.02,16.75] 0.59 [6.57] 0.56 [2324.00]		2.33[−22.70,27.37] 0.18 [12.77] 0.85 [2324.00]	3.75[−9.04,16.54] 0.57 [6.52] 0.57 [2323.00]	−1.10[−14.63,12.43] −0.16 [6.90] 0.87 [2324.00]		2.33[−22.70,27.37] 0.18 [12.77] 0.85 [2324.00]	−1.31[−14.65,12.03] −0.19 [6.80] 0.85 [2323.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	12.62[−0.07,25.31]+ 1.95 [6.47] 0.05 [2324.00]		−3.46[−28.16,21.24] −0.27 [12.60] 0.78 [2324.00]	12.91[0.31,25.52]* 2.01 [6.43] 0.04 [2323.00]	7.00[−6.33,20.34] 1.03 [6.80] 0.30 [2324.00]		−3.46[−28.16,21.24] −0.27 [12.60] 0.78 [2324.00]	7.53[−5.62,20.67] 1.12 [6.70] 0.26 [2323.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	−2.94[−16.08,10.20] −0.44 [6.70] 0.66 [2324.00]		4.45[−20.94,29.84] 0.34 [12.95] 0.73 [2324.00]	−3.25[−16.30,9.80] −0.49 [6.65] 0.63 [2323.00]	−0.10[−13.92,13.72] −0.01 [7.05] 0.99 [2324.00]		4.45[−20.94,29.84] 0.34 [12.95] 0.73 [2324.00]	−0.51[−14.13,13.10] −0.07 [6.94] 0.94 [2323.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−9.30[−22.52,3.92] −1.38 [6.74] 0.17 [2324.00]		−3.68[−29.17,21.81] −0.28 [13.00] 0.78 [2324.00]	−9.09[−22.22,4.04] −1.36 [6.69] 0.17 [2323.00]	−8.60[−22.51,5.30] −1.21 [7.09] 0.23 [2324.00]		−3.68[−29.17,21.81] −0.28 [13.00] 0.78 [2324.00]	−8.40[−22.10,5.30] −1.20 [6.98] 0.23 [2323.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	7.93[−5.12,20.98] 1.19 [6.65] 0.23 [2324.00]		−1.38[−26.61,23.86] −0.11 [12.87] 0.91 [2324.00]	8.00[−4.95,20.96] 1.21 [6.61] 0.23 [2323.00]	0.98[−12.74,14.69] 0.14 [7.00] 0.89 [2324.00]		−1.38[−26.61,23.86] −0.11 [12.87] 0.91 [2324.00]	1.12[−12.40,14.64] 0.16 [6.89] 0.87 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	−1.84[−17.46,13.77] −0.23 [7.96] 0.82 [2324.00]		−12.76[−42.84,17.32] −0.83 [15.34] 0.41 [2324.00]	−1.00[−16.51,14.50] −0.13 [7.91] 0.90 [2323.00]	−3.57[−20.00,12.85] −0.43 [8.38] 0.67 [2324.00]		−12.76[−42.84,17.32] −0.83 [15.34] 0.41 [2324.00]	−2.28[−18.46,13.90] −0.28 [8.25] 0.78 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	2.20[−13.69,18.09] 0.27 [8.10] 0.79 [2324.00]		4.37[−26.21,34.95] 0.28 [15.59] 0.78 [2324.00]	2.01[−13.77,17.78] 0.25 [8.05] 0.80 [2323.00]	−2.29[−19.00,14.43] −0.27 [8.53] 0.79 [2324.00]		4.37[−26.21,34.95] 0.28 [15.59] 0.78 [2324.00]	−2.39[−18.85,14.08] −0.28 [8.40] 0.78 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	−7.73[−23.39,7.93] −0.97 [7.99] 0.33 [2324.00]		−9.93[−40.12,20.26] −0.65 [15.40] 0.52 [2324.00]	−7.09[−22.64,8.46] −0.89 [7.93] 0.37 [2323.00]	−1.70[−18.18,14.77] −0.20 [8.40] 0.84 [2324.00]		−9.93[−40.12,20.26] −0.65 [15.40] 0.52 [2324.00]	−0.66[−16.89,15.56] −0.08 [8.28] 0.94 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	−4.43[−20.22,11.35] −0.55 [8.05] 0.58 [2324.00]		7.91[−22.78,38.60] 0.51 [15.65] 0.61 [2324.00]	−4.94[−20.62,10.73] −0.62 [7.99] 0.54 [2323.00]	6.76[−9.82,23.34] 0.80 [8.45] 0.42 [2324.00]		7.91[−22.78,38.60] 0.51 [15.65] 0.61 [2324.00]	6.03[−10.32,22.37] 0.72 [8.34] 0.47 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−7.17[−22.91,8.56] −0.89 [8.02] 0.37 [2324.00]		8.23[−22.35,38.80] 0.53 [15.59] 0.60 [2324.00]	−7.73[−23.35,7.90] −0.97 [7.97] 0.33 [2323.00]	5.64[−10.88,22.17] 0.67 [8.43] 0.50 [2324.00]		8.23[−22.35,38.80] 0.53 [15.59] 0.60 [2324.00]	4.86[−11.44,21.15] 0.58 [8.31] 0.56 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	−13.75[−29.24,1.74]+ −1.74 [7.90] 0.08 [2324.00]		12.27[−17.88,42.41] 0.80 [15.37] 0.42 [2324.00]	−14.64[−30.02,0.75]+ −1.87 [7.84] 0.06 [2323.00]	−3.07[−19.34,13.20] −0.37 [8.30] 0.71 [2324.00]		12.27[−17.88,42.41] 0.80 [15.37] 0.42 [2324.00]	−4.54[−20.58,11.50] −0.56 [8.18] 0.58 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	10.23[−5.70,26.17] 1.26 [8.13] 0.21 [2324.00]		−2.46[−33.24,28.32] −0.16 [15.70] 0.88 [2324.00]	10.39[−5.44,26.21] 1.29 [8.07] 0.20 [2323.00]	5.16[−11.60,21.92] 0.60 [8.55] 0.55 [2324.00]		−2.46[−33.24,28.32] −0.16 [15.70] 0.88 [2324.00]	5.34[−11.17,21.85] 0.63 [8.42] 0.53 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	11.17[−4.74,27.07] 1.38 [8.11] 0.17 [2324.00]		14.71[−15.95,45.38] 0.94 [15.64] 0.35 [2324.00]	10.23[−5.57,26.02] 1.27 [8.06] 0.20 [2323.00]	16.67[−0.06,33.40]+ 1.95 [8.53] 0.05 [2324.00]		14.71[−15.95,45.38] 0.94 [15.64] 0.35 [2324.00]	15.37[−1.11,31.86]+ 1.83 [8.41] 0.07 [2323.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	0.87[−14.90,16.64] 0.11 [8.04] 0.91 [2324.00]		10.70[−19.76,41.16] 0.69 [15.53] 0.49 [2324.00]	0.17[−15.49,15.83] 0.02 [7.99] 0.98 [2323.00]	5.77[−10.82,22.35] 0.68 [8.46] 0.50 [2324.00]		10.70[−19.76,41.16] 0.69 [15.53] 0.49 [2324.00]	4.69[−11.65,21.03] 0.56 [8.33] 0.57 [2323.00]
MWPre_Post		0.06[0.04,0.07]*** 6.03 [0.01] 0.00 [2392.00]		0.06[0.04,0.08]*** 5.86 [0.01] 0.00 [2323.00]		0.08[0.06,0.10]*** 8.20 [0.01] 0.00 [2392.00]		0.10[0.07,0.12]*** 8.63 [0.01] 0.00 [2323.00]
SD (Intercept ID)	2.80	2.97	0.00	2.77	3.19	3.15	0.00	3.00
SD (Observations)	11.08	11.08	21.93	11.00	11.61	11.51	21.93	11.46
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.047	0.015	0.229	0.061	0.036	0.027	0.229	0.065
R2 Cond.	0.104	0.081		0.117	0.104	0.094		0.125
AIC	18326.7	18491.7	21370.3	18301.8	18565.3	18676.9	21370.3	18501.2
BIC	18737.1	18514.8	21780.8	18718.0	18975.7	18700.0	21780.8	18917.4
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.64	10.76	21.61	10.56	11.10	11.16	21.61	10.98

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.36: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	71.00	18496.96	18907.30	-9177.48	18354.96			
C2Path	72.00	18463.90	18880.03	-9159.95	18319.90	35.05	1	0.0000

refitting model(s) with ML (instead of REML)

Table 3.37: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	71.00	18743.16	19153.50	-9300.58	18601.16			
C2Path	72.00	18669.84	19085.97	-9262.92	18525.84	75.31	1	0.0000

Table 3.38: Model H3a-2

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	2.38[−2.08,6.85]	1.08[0.58,1.59]***	12.16[3.56,20.76]**	1.60[−2.84,6.04]	3.01[−1.69,7.71]	0.85[0.32,1.37]**	12.16[3.56,20.76]**	1.80[−2.84,6.44]
	1.05 [2.28]	4.19 [0.26]	2.77 [4.39]	0.71 [2.26]	1.26 [2.40]	3.13 [0.27]	2.77 [4.39]	0.76 [2.37]
	0.30 [2329.00]	0.00 [2392.00]	0.01 [2329.00]	0.48 [2328.00]	0.21 [2329.00]	0.00 [2392.00]	0.01 [2329.00]	0.45 [2328.00]
EXPGRP_TEXTWhite	−1.16[−6.53,4.21]		−5.43[−15.77,4.92]	−0.78[−6.11,4.55]	−0.55[−6.20,5.11]		−5.43[−15.77,4.92]	0.05[−5.52,5.62]
	−0.42 [2.74]		−1.03 [5.27]	−0.29 [2.72]	−0.19 [2.88]		−1.03 [5.27]	0.02 [2.84]
	0.67 [2329.00]		0.30 [2329.00]	0.77 [2328.00]	0.85 [2329.00]		0.30 [2329.00]	0.99 [2328.00]
V_PresentationDefensive	0.23[−6.56,7.02]		−17.32[−30.41,−4.23]**	1.32[−5.43,8.07]	−0.97[−8.11,6.18]		−17.32[−30.41,−4.23]**	0.75[−6.30,7.80]
	0.07 [3.46]		−2.59 [6.67]	0.38 [3.44]	−0.26 [3.65]		−2.59 [6.67]	0.21 [3.60]
	0.95 [2329.00]		0.01 [2329.00]	0.70 [2328.00]	0.79 [2329.00]		0.01 [2329.00]	0.84 [2328.00]
V_Productcigarettes	0.75[−5.34,6.84]		−1.95[−13.69,9.78]	0.91[−5.14,6.95]	−3.23[−9.64,3.18]		−1.95[−13.69,9.78]	−2.97[−9.28,3.34]
	0.24 [3.11]		−0.33 [5.98]	0.29 [3.08]	−0.99 [3.27]		−0.33 [5.98]	−0.92 [3.22]
	0.81 [2329.00]		0.74 [2329.00]	0.77 [2328.00]	0.32 [2329.00]		0.74 [2329.00]	0.36 [2328.00]
V_Producthardwaresupplies	0.12[−6.07,6.32]		4.91[−7.02,16.85]	−0.16[−6.31,5.99]	−2.38[−8.90,4.13]		4.91[−7.02,16.85]	−2.82[−9.24,3.60]
	0.04 [3.16]		0.81 [6.09]	−0.05 [3.14]	−0.72 [3.32]		0.81 [6.09]	−0.86 [3.27]
	0.97 [2329.00]		0.42 [2329.00]	0.96 [2328.00]	0.47 [2329.00]		0.42 [2329.00]	0.39 [2328.00]
V_Producttoiletpaper	1.85[−4.40,8.10]		13.49[1.45,25.54]*	1.00[−5.21,7.21]	−0.41[−6.99,6.17]		13.49[1.45,25.54]*	−1.69[−8.18,4.79]
	0.58 [3.19]		2.20 [6.14]	0.32 [3.17]	−0.12 [3.35]		2.20 [6.14]	−0.51 [3.31]
	0.56 [2329.00]		0.03 [2329.00]	0.75 [2328.00]	0.90 [2329.00]		0.03 [2329.00]	0.61 [2328.00]
V_RacenamefBlack	−0.15[−6.40,6.10]		−0.54[−12.59,11.50]	−0.13[−6.33,6.08]	1.35[−5.23,7.93]		−0.54[−12.59,11.50]	1.41[−5.07,7.88]
	−0.05 [3.19]		−0.09 [6.14]	−0.04 [3.16]	0.40 [3.35]		−0.09 [6.14]	0.43 [3.30]
	0.96 [2329.00]		0.93 [2329.00]	0.97 [2328.00]	0.69 [2329.00]		0.93 [2329.00]	0.67 [2328.00]
V_RacenamefChinese	−0.81[−7.51,5.88]		−5.51[−18.41,7.39]	−0.40[−7.05,6.25]	0.37[−6.68,7.42]		−5.51[−18.41,7.39]	1.01[−5.93,7.95]
	−0.24 [3.41]		−0.84 [6.58]	−0.12 [3.39]	0.10 [3.59]		−0.84 [6.58]	0.29 [3.54]
	0.81 [2329.00]		0.40 [2329.00]	0.91 [2328.00]	0.92 [2329.00]		0.40 [2329.00]	0.78 [2328.00]
V_RacenamefIndian	0.23[−6.22,6.68]		−2.81[−15.24,9.61]	0.42[−5.99,6.82]	−1.34[−8.12,5.45]		−2.81[−15.24,9.61]	−1.04[−7.73,5.64]
	0.07 [3.29]		−0.44 [6.34]	0.13 [3.26]	−0.39 [3.46]		−0.44 [6.34]	−0.31 [3.41]
	0.94 [2329.00]		0.66 [2329.00]	0.90 [2328.00]	0.70 [2329.00]		0.66 [2329.00]	0.76 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensive	−1.15[−9.27,6.96]		2.39[−13.25,18.03]	−1.33[−9.38,6.73]	1.30[−7.25,9.84]		2.39[−13.25,18.03]	1.01[−7.41,9.42]
	−0.28 [4.14]		0.30 [7.97]	−0.32 [4.11]	0.30 [4.36]		0.30 [7.97]	0.23 [4.29]
	0.78 [2329.00]		0.76 [2329.00]	0.75 [2328.00]	0.77 [2329.00]		0.76 [2329.00]	0.81 [2328.00]
EXPGRP_TEXTWhiteV_Productcigarettes	4.20[−3.30,11.71]		−0.09[−14.56,14.37]	4.13[−3.32,11.59]	5.78[−2.12,13.68]		−0.09[−14.56,14.37]	5.67[−2.11,13.45]
	1.10 [3.83]		−0.01 [7.38]	1.09 [3.80]	1.44 [4.03]		−0.01 [7.38]	1.43 [3.97]
	0.27 [2329.00]		0.99 [2329.00]	0.28 [2328.00]	0.15 [2329.00]		0.99 [2329.00]	0.15 [2328.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies	−0.60[−8.05,6.84]		1.63[−12.71,15.98]	−0.75[−8.14,6.63]	1.72[−6.12,9.55]		1.63[−12.71,15.98]	1.49[−6.22,9.21]
	−0.16 [3.80]		0.22 [7.32]	−0.20 [3.77]	0.43 [4.00]		0.22 [7.32]	0.38 [3.93]
	0.87 [2329.00]		0.82 [2329.00]	0.84 [2328.00]	0.67 [2329.00]		0.82 [2329.00]	0.70 [2328.00]
EXPGRP_TEXTWhiteV_Producttoiletpaper	−2.29[−9.94,5.36]		7.69[−7.06,22.43]	−2.82[−10.42,4.78]	−0.81[−8.86,7.24]		7.69[−7.06,22.43]	−1.65[−9.58,6.29]
	−0.59 [3.90]		1.02 [7.52]	−0.73 [3.87]	−0.20 [4.11]		1.02 [7.52]	−0.41 [4.05]
	0.56 [2329.00]		0.31 [2329.00]	0.47 [2328.00]	0.84 [2329.00]		0.31 [2329.00]	0.68 [2328.00]
V_PresentationDefensiveV_Productcigarettes	1.12[−8.15,10.39]		12.97[−4.89,30.84]	0.32[−8.89,9.52]	2.77[−6.99,12.52]		12.97[−4.89,30.84]	1.50[−8.11,11.11]
	0.24 [4.73]		1.42 [9.11]	0.07 [4.69]	0.56 [4.97]		1.42 [9.11]	0.31 [4.90]
	0.81 [2329.00]		0.15 [2329.00]	0.95 [2328.00]	0.58 [2329.00]		0.15 [2329.00]	0.76 [2328.00]
V_PresentationDefensiveV_Producthardwaresupplies	−2.60[−12.05,6.86]		−13.76[−31.98,4.47]	−1.73[−11.12,7.66]	−2.11[−12.06,7.84]		−13.76[−31.98,4.47]	−0.77[−10.57,9.04]
	−0.54 [4.82]		−1.48 [9.29]	−0.36 [4.79]	−0.42 [5.07]		−1.48 [9.29]	−0.15 [5.00]
	0.59 [2329.00]		0.14 [2329.00]	0.72 [2328.00]	0.68 [2329.00]		0.14 [2329.00]	0.88 [2328.00]
V_PresentationDefensiveV_Producttoiletpaper	−2.84[−11.99,6.31]		−11.00[−28.63,6.63]	−2.14[−11.23,6.94]	1.70[−7.93,11.33]		−11.00[−28.63,6.63]	2.71[−6.77,12.20]
	−0.61 [4.66]		−1.22 [8.99]	−0.46 [4.63]	0.35 [4.91]		−1.22 [8.99]	0.56 [4.84]
	0.54 [2329.00]		0.22 [2329.00]	0.64 [2328.00]	0.73 [2329.00]		0.22 [2329.00]	0.57 [2328.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	−1.00[−8.59,6.58]		−1.26[−15.88,13.35]	−0.94[−8.47,6.59]	−2.53[−10.51,5.46]		−1.26[−15.88,13.35]	−2.41[−10.28,5.45]
	−0.26 [3.87]		−0.17 [7.45]	−0.24 [3.84]	−0.62 [4.07]		−0.17 [7.45]	−0.60 [4.01]
	0.80 [2329.00]		0.87 [2329.00]	0.81 [2328.00]	0.53 [2329.00]		0.87 [2329.00]	0.55 [2328.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	0.68[−7.44,8.79]		5.66[−9.98,21.29]	0.22[−7.83,8.28]	−0.66[−9.20,7.89]		5.66[−9.98,21.29]	−1.35[−9.77,7.06]
	0.16 [4.14]		0.71 [7.97]	0.05 [4.11]	−0.15 [4.36]		0.71 [7.97]	−0.32 [4.29]
	0.87 [2329.00]		0.48 [2329.00]	0.96 [2328.00]	0.88 [2329.00]		0.48 [2329.00]	0.75 [2328.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	1.84[−5.83,9.50]		5.80[−8.97,20.57]	1.46[−6.16,9.07]	1.33[−6.74,9.40]		5.80[−8.97,20.57]	0.74[−7.21,8.69]
	0.47 [3.91]		0.77 [7.53]	0.38 [3.88]	0.32 [4.12]		0.77 [7.53]	0.18 [4.05]
	0.64 [2329.00]		0.44 [2329.00]	0.71 [2328.00]	0.75 [2329.00]		0.44 [2329.00]	0.85 [2328.00]
V_PresentationDefensiveV_RacenamefBlack	−1.21[−10.39,7.98]		−6.91[−24.62,10.79]	−0.73[−9.85,8.40]	−3.85[−13.52,5.82]		−6.91[−24.62,10.79]	−3.15[−12.68,6.37]
	−0.26 [4.68]		−0.77 [9.03]	−0.16 [4.65]	−0.78 [4.93]		−0.77 [9.03]	−0.65 [4.86]
	0.80 [2329.00]		0.44 [2329.00]	0.88 [2328.00]	0.43 [2329.00]		0.44 [2329.00]	0.52 [2328.00]
V_PresentationDefensiveV_RacenamefChinese	−4.44[−13.65,4.77]		4.28[−13.47,22.03]	−4.75[−13.89,4.40]	−3.21[−12.91,6.49]		4.28[−13.47,22.03]	−3.73[−13.29,5.82]
	−0.94 [4.70]		0.47 [9.05]	−1.02 [4.66]	−0.65 [4.95]		0.47 [9.05]	−0.77 [4.87]
	0.34 [2329.00]		0.64 [2329.00]	0.31 [2328.00]	0.52 [2329.00]		0.64 [2329.00]	0.44 [2328.00]
V_PresentationDefensiveV_RacenamefIndian	−1.06[−10.69,8.57]		0.12[−18.43,18.67]	−1.06[−10.62,8.50]	−0.44[−10.58,9.70]		0.12[−18.43,18.67]	−0.45[−10.43,9.54]
	−0.22 [4.91]		0.01 [9.46]	−0.22 [4.87]	−0.09 [5.17]		0.01 [9.46]	−0.09 [5.09]
	0.83 [2329.00]		0.99 [2329.00]	0.83 [2328.00]	0.93 [2329.00]		0.99 [2329.00]	0.93 [2328.00]
V_ProductcigarettesV_RacenamefBlack	−3.00[−11.81,5.81]		−4.41[−21.32,12.50]	−2.70[−11.45,6.05]	−2.36[−11.65,6.92]		−4.41[−21.32,12.50]	−1.93[−11.06,7.21]
	−0.67 [4.49]		−0.51 [8.62]	−0.61 [4.46]	−0.50 [4.73]		−0.51 [8.62]	−0.41 [4.66]
	0.50 [2329.00]		0.61 [2329.00]	0.55 [2328.00]	0.62 [2329.00]		0.61 [2329.00]	0.68 [2328.00]
V_ProducthardwaresuppliesV_RacenamefBlack	1.42[−7.79,10.62]		−3.74[−21.37,13.89]	1.63[−7.51,10.77]	0.21[−9.49,9.91]		−3.74[−21.37,13.89]	0.56[−8.99,10.11]
	0.30 [4.70]		−0.42 [8.99]	0.35 [4.66]	0.04 [4.95]		−0.42 [8.99]	0.12 [4.87]
	0.76 [2329.00]		0.68 [2329.00]	0.73 [2328.00]	0.97 [2329.00]		0.68 [2329.00]	0.91 [2328.00]
V_ProducttoiletpaperV_RacenamefBlack	−2.36[−11.39,6.66]		−3.02[−20.35,14.31]	−2.16[−11.12,6.80]	−5.79[−15.29,3.71]		−3.02[−20.35,14.31]	−5.47[−14.82,3.89]
	−0.51 [4.60]		−0.34 [8.84]	−0.47 [4.57]	−1.19 [4.85]		−0.34 [8.84]	−1.15 [4.77]
	0.61 [2329.00]		0.73 [2329.00]	0.64 [2328.00]	0.23 [2329.00]		0.73 [2329.00]	0.25 [2328.00]
V_ProductcigarettesV_RacenamefChinese	1.51[−7.81,10.83]		3.55[−14.41,21.52]	1.19[−8.07,10.44]	6.47[−3.34,16.28]		3.55[−14.41,21.52]	6.00[−3.66,15.66]
	0.32 [4.75]		0.39 [9.16]	0.25 [4.72]	1.29 [5.00]		0.39 [9.16]	1.22 [4.93]
	0.75 [2329.00]		0.70 [2329.00]	0.80 [2328.00]	0.20 [2329.00]		0.70 [2329.00]	0.22 [2328.00]
V_ProducthardwaresuppliesV_RacenamefChinese	1.83[−7.29,10.95]		1.20[−16.38,18.77]	1.69[−7.36,10.75]	4.99[−4.60,14.59]		1.20[−16.38,18.77]	4.80[−4.65,14.25]
	0.39 [4.65]		0.13 [8.96]	0.37 [4.62]	1.02 [4.89]		0.13 [8.96]	1.00 [4.82]
	0.69 [2329.00]		0.89 [2329.00]	0.71 [2328.00]	0.31 [2329.00]		0.89 [2329.00]	0.32 [2328.00]
V_ProducttoiletpaperV_RacenamefChinese	−9.39[−18.64,−0.14]*		4.33[−13.50,22.17]	−9.75[−18.93,−0.56]*	−6.31[−16.05,3.42]		4.33[−13.50,22.17]	−6.87[−16.46,2.72]
	−1.99 [4.72]		0.48 [9.09]	−2.08 [4.68]	−1.27 [4.97]		0.48 [9.09]	−1.41 [4.89]
	0.05 [2329.00]		0.63 [2329.00]	0.04 [2328.00]	0.20 [2329.00]		0.63 [2329.00]	0.16 [2328.00]
V_ProductcigarettesV_RacenamefIndian	0.91[−7.80,9.62]		0.71[−16.02,17.43]	0.82[−7.82,9.47]	−0.01[−9.18,9.17]		0.71[−16.02,17.43]	−0.17[−9.20,8.87]
	0.20 [4.44]		0.08 [8.53]	0.19 [4.41]	0.00 [4.68]		0.08 [8.53]	−0.04 [4.61]
	0.84 [2329.00]		0.93 [2329.00]	0.85 [2328.00]	1.00 [2329.00]		0.93 [2329.00]	0.97 [2328.00]
V_ProducthardwaresuppliesV_RacenamefIndian	6.43[−2.53,15.38]		3.90[−13.33,21.13]	6.18[−2.71,15.07]	8.97[−0.46,18.40]+		3.90[−13.33,21.13]	8.63[−0.66,17.91]+
	1.41 [4.57]		0.44 [8.79]	1.36 [4.53]	1.87 [4.81]		0.44 [8.79]	1.82 [4.74]
	0.16 [2329.00]		0.66 [2329.00]	0.17 [2328.00]	0.06 [2329.00]		0.66 [2329.00]	0.07 [2328.00]
V_ProducttoiletpaperV_RacenamefIndian	−8.43[−17.41,0.54]+		4.50[−12.72,21.73]	−8.69[−17.59,0.22]+	−3.65[−13.10,5.80]		4.50[−12.72,21.73]	−4.05[−13.36,5.25]
	−1.84 [4.58]		0.51 [8.78]	−1.91 [4.54]	−0.76 [4.82]		0.51 [8.78]	−0.85 [4.75]
	0.07 [2329.00]		0.61 [2329.00]	0.06 [2328.00]	0.45 [2329.00]		0.61 [2329.00]	0.39 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Productcigarettes	−3.41[−14.67,7.85]		−1.06[−22.76,20.64]	−3.30[−14.48,7.88]	−3.79[−15.64,8.06]		−1.06[−22.76,20.64]	−3.58[−15.25,8.09]
	−0.59 [5.74]		−0.10 [11.07]	−0.58 [5.70]	−0.63 [6.04]		−0.10 [11.07]	−0.60 [5.95]
	0.55 [2329.00]		0.92 [2329.00]	0.56 [2328.00]	0.53 [2329.00]		0.92 [2329.00]	0.55 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producthardwaresupplies	1.31[−10.04,12.66]		−0.59[−22.48,21.29]	1.36[−9.90,12.63]	−1.57[−13.52,10.38]		−0.59[−22.48,21.29]	−1.52[−13.29,10.24]
	0.23 [5.79]		−0.05 [11.16]	0.24 [5.75]	−0.26 [6.09]		−0.05 [11.16]	−0.25 [6.00]
	0.82 [2329.00]		0.96 [2329.00]	0.81 [2328.00]	0.80 [2329.00]		0.96 [2329.00]	0.80 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producttoiletpaper	5.23[−5.85,16.30]		−2.41[−23.76,18.95]	5.41[−5.58,16.41]	−1.78[−13.44,9.88]		−2.41[−23.76,18.95]	−1.44[−12.92,10.04]
	0.93 [5.65]		−0.22 [10.89]	0.97 [5.61]	−0.30 [5.95]		−0.22 [10.89]	−0.25 [5.86]
	0.35 [2329.00]		0.83 [2329.00]	0.33 [2328.00]	0.77 [2329.00]		0.83 [2329.00]	0.81 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefBlack	3.34[−7.77,14.45]		8.78[−12.63,30.19]	2.73[−8.30,13.76]	2.09[−9.60,13.79]		8.78[−12.63,30.19]	1.13[−10.39,12.65]
	0.59 [5.67]		0.80 [10.92]	0.49 [5.63]	0.35 [5.96]		0.80 [10.92]	0.19 [5.87]
	0.56 [2329.00]		0.42 [2329.00]	0.63 [2328.00]	0.73 [2329.00]		0.42 [2329.00]	0.85 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefChinese	6.47[−4.76,17.70]		−7.57[−29.21,14.07]	6.99[−4.16,18.14]	1.80[−10.02,13.62]		−7.57[−29.21,14.07]	2.63[−9.02,14.27]
	1.13 [5.73]		−0.69 [11.04]	1.23 [5.69]	0.30 [6.03]		−0.69 [11.04]	0.44 [5.94]
	0.26 [2329.00]		0.49 [2329.00]	0.22 [2328.00]	0.77 [2329.00]		0.49 [2329.00]	0.66 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefIndian	−1.99[−13.47,9.50]		−5.69[−27.81,16.43]	−1.60[−13.00,9.80]	−2.62[−14.70,9.47]		−5.69[−27.81,16.43]	−2.05[−13.95,9.85]
	−0.34 [5.85]		−0.50 [11.28]	−0.28 [5.81]	−0.42 [6.16]		−0.50 [11.28]	−0.34 [6.07]
	0.73 [2329.00]		0.61 [2329.00]	0.78 [2328.00]	0.67 [2329.00]		0.61 [2329.00]	0.74 [2328.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	−0.50[−11.33,10.32]		1.74[−19.03,22.52]	−0.58[−11.33,10.16]	−0.60[−12.00,10.80]		1.74[−19.03,22.52]	−0.74[−11.96,10.49]
	−0.09 [5.52]		0.16 [10.59]	−0.11 [5.48]	−0.10 [5.81]		0.16 [10.59]	−0.13 [5.72]
	0.93 [2329.00]		0.87 [2329.00]	0.92 [2328.00]	0.92 [2329.00]		0.87 [2329.00]	0.90 [2328.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	2.13[−8.99,13.25]		0.79[−20.51,22.10]	2.12[−8.91,13.16]	2.22[−9.50,13.93]		0.79[−20.51,22.10]	2.12[−9.41,13.65]
	0.38 [5.67]		0.07 [10.86]	0.38 [5.63]	0.37 [5.97]		0.07 [10.86]	0.36 [5.88]
	0.71 [2329.00]		0.94 [2329.00]	0.71 [2328.00]	0.71 [2329.00]		0.94 [2329.00]	0.72 [2328.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	1.55[−9.46,12.56]		2.75[−18.39,23.88]	1.41[−9.52,12.34]	5.35[−6.25,16.94]		2.75[−18.39,23.88]	5.10[−6.32,16.51]
	0.28 [5.61]		0.25 [10.78]	0.25 [5.57]	0.90 [5.91]		0.25 [10.78]	0.88 [5.82]
	0.78 [2329.00]		0.80 [2329.00]	0.80 [2328.00]	0.37 [2329.00]		0.80 [2329.00]	0.38 [2328.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	−4.29[−15.55,6.98]		−3.00[−24.72,18.72]	−3.95[−15.14,7.23]	−9.12[−20.98,2.74]		−3.00[−24.72,18.72]	−8.66[−20.35,3.02]
	−0.75 [5.75]		−0.27 [11.08]	−0.69 [5.70]	−1.51 [6.05]		−0.27 [11.08]	−1.45 [5.96]
	0.46 [2329.00]		0.79 [2329.00]	0.49 [2328.00]	0.13 [2329.00]		0.79 [2329.00]	0.15 [2328.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	0.95[−10.18,12.08]		−0.74[−22.19,20.72]	1.11[−9.94,12.16]	−5.63[−17.34,6.09]		−0.74[−22.19,20.72]	−5.42[−16.96,6.11]
	0.17 [5.68]		−0.07 [10.94]	0.20 [5.63]	−0.94 [5.97]		−0.07 [10.94]	−0.92 [5.88]
	0.87 [2329.00]		0.95 [2329.00]	0.84 [2328.00]	0.35 [2329.00]		0.95 [2329.00]	0.36 [2328.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	7.58[−3.70,18.86]		−11.40[−33.13,10.34]	8.44[−2.76,19.64]	4.34[−7.53,16.21]		−11.40[−33.13,10.34]	5.73[−5.96,17.42]
	1.32 [5.75]		−1.03 [11.08]	1.48 [5.71]	0.72 [6.05]		−1.03 [11.08]	0.96 [5.96]
	0.19 [2329.00]		0.30 [2329.00]	0.14 [2328.00]	0.47 [2329.00]		0.30 [2329.00]	0.34 [2328.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−7.04[−17.78,3.70]		−4.38[−25.00,16.24]	−6.72[−17.39,3.94]	−4.54[−15.85,6.78]		−4.38[−25.00,16.24]	−4.03[−15.17,7.12]
	−1.28 [5.48]		−0.42 [10.51]	−1.24 [5.44]	−0.79 [5.77]		−0.42 [10.51]	−0.71 [5.68]
	0.20 [2329.00]		0.68 [2329.00]	0.22 [2328.00]	0.43 [2329.00]		0.68 [2329.00]	0.48 [2328.00]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−7.41[−18.11,3.29]		−6.18[−26.74,14.38]	−7.02[−17.64,3.61]	−10.99[−22.26,0.27]+		−6.18[−26.74,14.38]	−10.41[−21.51,0.68]+
	−1.36 [5.46]		−0.59 [10.49]	−1.30 [5.42]	−1.91 [5.75]		−0.59 [10.49]	−1.84 [5.66]
	0.17 [2329.00]		0.56 [2329.00]	0.20 [2328.00]	0.06 [2329.00]		0.56 [2329.00]	0.07 [2328.00]
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	1.96[−8.90,12.83]		−13.63[−34.48,7.22]	2.81[−7.98,13.60]	0.28[−11.16,11.73]		−13.63[−34.48,7.22]	1.60[−9.67,12.87]
	0.35 [5.54]		−1.28 [10.63]	0.51 [5.50]	0.05 [5.84]		−1.28 [10.63]	0.28 [5.75]
	0.72 [2329.00]		0.20 [2329.00]	0.61 [2328.00]	0.96 [2329.00]		0.20 [2329.00]	0.78 [2328.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	3.90[−8.88,16.67]		12.47[−12.11,37.06]	3.03[−9.66,15.71]	6.64[−6.81,20.09]		12.47[−12.11,37.06]	5.36[−7.89,18.61]
	0.60 [6.51]		0.99 [12.54]	0.47 [6.47]	0.97 [6.86]		0.99 [12.54]	0.79 [6.76]
	0.55 [2329.00]		0.32 [2329.00]	0.64 [2328.00]	0.33 [2329.00]		0.32 [2329.00]	0.43 [2328.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−7.13[−20.29,6.04]		−1.10[−26.40,24.20]	−7.10[−20.17,5.97]	1.45[−12.42,15.31]		−1.10[−26.40,24.20]	1.40[−12.25,15.05]
	−1.06 [6.71]		−0.09 [12.90]	−1.07 [6.66]	0.20 [7.07]		−0.09 [12.90]	0.20 [6.96]
	0.29 [2329.00]		0.93 [2329.00]	0.29 [2328.00]	0.84 [2329.00]		0.93 [2329.00]	0.84 [2328.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	5.80[−7.09,18.70]		5.53[−19.32,30.38]	5.45[−7.35,18.25]	6.18[−7.39,19.75]		5.53[−19.32,30.38]	5.64[−7.73,19.01]
	0.88 [6.58]		0.44 [12.67]	0.83 [6.53]	0.89 [6.92]		0.44 [12.67]	0.83 [6.82]
	0.38 [2329.00]		0.66 [2329.00]	0.40 [2328.00]	0.37 [2329.00]		0.66 [2329.00]	0.41 [2328.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	4.08[−8.96,17.11]		−8.38[−33.74,16.99]	4.62[−8.32,17.56]	−3.07[−16.77,10.63]		−8.38[−33.74,16.99]	−2.24[−15.75,11.26]
	0.61 [6.65]		−0.65 [12.94]	0.70 [6.60]	−0.44 [6.99]		−0.65 [12.94]	−0.33 [6.89]
	0.54 [2329.00]		0.52 [2329.00]	0.48 [2328.00]	0.66 [2329.00]		0.52 [2329.00]	0.74 [2328.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	3.91[−8.95,16.76]		1.44[−23.54,26.41]	3.86[−8.90,16.62]	−0.99[−14.50,12.52]		1.44[−23.54,26.41]	−1.09[−14.40,12.23]
	0.60 [6.55]		0.11 [12.74]	0.59 [6.51]	−0.14 [6.89]		0.11 [12.74]	−0.16 [6.79]
	0.55 [2329.00]		0.91 [2329.00]	0.55 [2328.00]	0.89 [2329.00]		0.91 [2329.00]	0.87 [2328.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	12.62[−0.06,25.30]+		−4.04[−28.72,20.64]	12.96[0.37,25.55]*	6.81[−6.52,20.14]		−4.04[−28.72,20.64]	7.40[−5.73,20.54]
	1.95 [6.47]		−0.32 [12.59]	2.02 [6.42]	1.00 [6.80]		−0.32 [12.59]	1.10 [6.70]
	0.05 [2329.00]		0.75 [2329.00]	0.04 [2328.00]	0.32 [2329.00]		0.75 [2329.00]	0.27 [2328.00]
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	−2.51[−15.62,10.60]		4.27[−21.06,29.60]	−2.81[−15.82,10.21]	−0.33[−14.12,13.46]		4.27[−21.06,29.60]	−0.72[−14.31,12.86]
	−0.38 [6.68]		0.33 [12.92]	−0.42 [6.64]	−0.05 [7.03]		0.33 [12.92]	−0.10 [6.93]
	0.71 [2329.00]		0.74 [2329.00]	0.67 [2328.00]	0.96 [2329.00]		0.74 [2329.00]	0.92 [2328.00]
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−9.22[−22.41,3.98]		−4.65[−30.10,20.80]	−8.94[−22.04,4.16]	−8.50[−22.39,5.39]		−4.65[−30.10,20.80]	−8.19[−21.87,5.49]
	−1.37 [6.73]		−0.36 [12.98]	−1.34 [6.68]	−1.20 [7.08]		−0.36 [12.98]	−1.17 [6.98]
	0.17 [2329.00]		0.72 [2329.00]	0.18 [2328.00]	0.23 [2329.00]		0.72 [2329.00]	0.24 [2328.00]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	8.14[−4.89,21.18]		−1.62[−26.83,23.58]	8.23[−4.71,21.17]	0.74[−12.98,14.45]		−1.62[−26.83,23.58]	0.90[−12.61,14.40]
	1.22 [6.65]		−0.13 [12.85]	1.25 [6.60]	0.11 [6.99]		−0.13 [12.85]	0.13 [6.89]
	0.22 [2329.00]		0.90 [2329.00]	0.21 [2328.00]	0.92 [2329.00]		0.90 [2329.00]	0.90 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	−2.10[−17.71,13.51]		−12.61[−42.67,17.45]	−1.26[−16.76,14.23]	−3.65[−20.07,12.78]		−12.61[−42.67,17.45]	−2.37[−18.55,13.81]
	−0.26 [7.96]		−0.82 [15.33]	−0.16 [7.90]	−0.44 [8.38]		−0.82 [15.33]	−0.29 [8.25]
	0.79 [2329.00]		0.41 [2329.00]	0.87 [2328.00]	0.66 [2329.00]		0.41 [2329.00]	0.77 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	2.54[−13.32,18.40]		5.80[−24.72,36.32]	2.25[−13.50,17.99]	−2.19[−18.89,14.51]		5.80[−24.72,36.32]	−2.45[−18.89,14.00]
	0.31 [8.09]		0.37 [15.56]	0.28 [8.03]	−0.26 [8.52]		0.37 [15.56]	−0.29 [8.39]
	0.75 [2329.00]		0.71 [2329.00]	0.78 [2328.00]	0.80 [2329.00]		0.71 [2329.00]	0.77 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	−7.79[−23.44,7.87]		−9.69[−39.87,20.48]	−7.15[−22.69,8.39]	−1.59[−18.07,14.88]		−9.69[−39.87,20.48]	−0.57[−16.80,15.66]
	−0.98 [7.98]		−0.63 [15.39]	−0.90 [7.93]	−0.19 [8.40]		−0.63 [15.39]	−0.07 [8.28]
	0.33 [2329.00]		0.53 [2329.00]	0.37 [2328.00]	0.85 [2329.00]		0.53 [2329.00]	0.95 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	−4.75[−20.50,11.00]		8.43[−22.21,39.06]	−5.30[−20.94,10.34]	6.99[−9.57,23.54]		8.43[−22.21,39.06]	6.19[−10.13,22.50]
	−0.59 [8.03]		0.54 [15.62]	−0.66 [7.97]	0.83 [8.44]		0.54 [15.62]	0.74 [8.32]
	0.55 [2329.00]		0.59 [2329.00]	0.51 [2328.00]	0.41 [2329.00]		0.59 [2329.00]	0.46 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−7.09[−22.80,8.63]		9.29[−21.25,39.83]	−7.72[−23.32,7.88]	5.67[−10.85,22.18]		9.29[−21.25,39.83]	4.75[−11.53,21.03]
	−0.88 [8.01]		0.60 [15.58]	−0.97 [7.96]	0.67 [8.42]		0.60 [15.58]	0.57 [8.30]
	0.38 [2329.00]		0.55 [2329.00]	0.33 [2328.00]	0.50 [2329.00]		0.55 [2329.00]	0.57 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	−14.05[−29.52,1.42]+		12.59[−17.52,42.70]	−14.98[−30.35,0.38]+	−3.44[−19.70,12.82]		12.59[−17.52,42.70]	−4.98[−21.01,11.05]
	−1.78 [7.89]		0.82 [15.35]	−1.91 [7.83]	−0.42 [8.29]		0.82 [15.35]	−0.61 [8.17]
	0.08 [2329.00]		0.41 [2329.00]	0.06 [2328.00]	0.68 [2329.00]		0.41 [2329.00]	0.54 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	9.70[−6.20,25.61]		−2.26[−32.99,28.46]	9.84[−5.95,25.63]	5.22[−11.51,21.95]		−2.26[−32.99,28.46]	5.38[−11.10,21.87]
	1.20 [8.11]		−0.14 [15.67]	1.22 [8.05]	0.61 [8.53]		−0.14 [15.67]	0.64 [8.41]
	0.23 [2329.00]		0.89 [2329.00]	0.22 [2328.00]	0.54 [2329.00]		0.89 [2329.00]	0.52 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	11.30[−4.59,27.19]		15.69[−14.94,46.31]	10.28[−5.50,26.06]	16.61[−0.11,33.34]+		15.69[−14.94,46.31]	15.20[−1.27,31.68]+
	1.39 [8.10]		1.00 [15.62]	1.28 [8.05]	1.95 [8.53]		1.00 [15.62]	1.81 [8.40]
	0.16 [2329.00]		0.32 [2329.00]	0.20 [2328.00]	0.05 [2329.00]		0.32 [2329.00]	0.07 [2328.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	0.68[−15.08,16.43]		10.86[−19.58,41.30]	−0.03[−15.68,15.61]	6.09[−10.50,22.67]		10.86[−19.58,41.30]	5.00[−11.34,21.33]
	0.08 [8.04]		0.70 [15.52]	0.00 [7.98]	0.72 [8.46]		0.70 [15.52]	0.60 [8.33]
	0.93 [2329.00]		0.48 [2329.00]	1.00 [2328.00]	0.47 [2329.00]		0.48 [2329.00]	0.55 [2328.00]
MWPre_Post		0.06[0.04,0.07]***		0.06[0.04,0.08]***		0.08[0.06,0.10]***		0.10[0.07,0.12]***
		6.03 [0.01]		5.93 [0.01]		8.20 [0.01]		8.69 [0.01]
		0.00 [2392.00]		0.00 [2328.00]		0.00 [2392.00]		0.00 [2328.00]
SD (Intercept ID)	2.83	2.97	0.00	2.80	3.24	3.15	0.00	3.04
SD (Observations)	11.07	11.08	21.93	11.00	11.61	11.51	21.93	11.46
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.045	0.015	0.228	0.059	0.032	0.027	0.228	0.062
R2 Cond.	0.104	0.081		0.116	0.102	0.094		0.124
AIC	18320.1	18491.7	21369.5	18294.4	18562.4	18676.9	21369.5	18497.3
BIC	18701.6	18514.8	21751.0	18681.7	18944.0	18700.0	21751.0	18884.6
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.64	10.76	21.63	10.56	11.11	11.16	21.63	10.99

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.39: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	66.00	18492.76	18874.20	-9180.38	18360.76			
C2Path	67.00	18458.91	18846.14	-9162.46	18324.91	35.85	1	0.0000

Table 3.40: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	66.00	18742.14	19123.59	-9305.07	18610.14			
C2Path	67.00	18667.87	19055.10	-9266.94	18533.87	76.27	1	0.0000

Table 3.41: Model H3a-3

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	2.42[−0.70,5.53] 1.52 [1.59] 0.13 [2361.00]	1.08[0.58,1.59]*** 4.19 [0.26] 0.00 [2392.00]	14.71[8.59,20.83]*** 4.72 [3.12] 0.00 [2361.00]	1.63[−1.48,4.75] 1.03 [1.59] 0.30 [2360.00]	1.76[−1.50,5.03] 1.06 [1.66] 0.29 [2361.00]	0.85[0.32,1.37]** 3.13 [0.27] 0.00 [2392.00]	14.71[8.59,20.83]*** 4.72 [3.12] 0.00 [2361.00]	0.44[−2.79,3.68] 0.27 [1.65] 0.79 [2360.00]
EXPGRP_TEXTWhite	−1.43[−5.18,2.31] −0.75 [1.91] 0.45 [2361.00]		−4.57[−11.92,2.79] −1.22 [3.75] 0.22 [2361.00]	−1.17[−4.90,2.56] −0.62 [1.90] 0.54 [2360.00]	0.37[−3.55,4.29] 0.18 [2.00] 0.85 [2361.00]		−4.57[−11.92,2.79] −1.22 [3.75] 0.22 [2361.00]	0.82[−3.05,4.69] 0.41 [1.97] 0.68 [2360.00]
V_PresentationDefensive	−1.02[−5.78,3.73] −0.42 [2.42] 0.67 [2361.00]		−24.40[−33.75,−15.06]*** −5.12 [4.76] 0.00 [2361.00]	0.27[−4.48,5.03] 0.11 [2.43] 0.91 [2360.00]	−2.00[−6.98,2.98] −0.79 [2.54] 0.43 [2361.00]		−24.40[−33.75,−15.06]*** −5.12 [4.76] 0.00 [2361.00]	0.21[−4.74,5.15] 0.08 [2.52] 0.93 [2360.00]
V_ProductMorMorallyQuestionable	1.24[−3.09,5.58] 0.56 [2.21] 0.57 [2361.00]		2.80[−5.73,11.33] 0.64 [4.35] 0.52 [2361.00]	1.10[−3.21,5.42] 0.50 [2.20] 0.62 [2360.00]	−0.64[−5.18,3.90] −0.28 [2.32] 0.78 [2361.00]		2.80[−5.73,11.33] 0.64 [4.35] 0.52 [2361.00]	−0.86[−5.34,3.63] −0.38 [2.29] 0.71 [2360.00]
V_RacenamefBlack	0.43[−4.10,4.97] 0.19 [2.31] 0.85 [2361.00]		−2.60[−11.58,6.38] −0.57 [4.58] 0.57 [2361.00]	0.56[−3.95,5.08] 0.24 [2.30] 0.81 [2360.00]	1.67[−3.07,6.42] 0.69 [2.42] 0.49 [2361.00]		−2.60[−11.58,6.38] −0.57 [4.58] 0.57 [2361.00]	1.91[−2.78,6.60] 0.80 [2.39] 0.42 [2360.00]
V_RacenamefChinese	0.27[−4.30,4.84] 0.12 [2.33] 0.91 [2361.00]		−4.67[−13.65,4.31] −1.02 [4.58] 0.31 [2361.00]	0.55[−4.00,5.10] 0.24 [2.32] 0.81 [2360.00]	3.09[−1.69,7.88] 1.27 [2.44] 0.20 [2361.00]		−4.67[−13.65,4.31] −1.02 [4.58] 0.31 [2361.00]	3.58[−1.14,8.31] 1.49 [2.41] 0.14 [2360.00]
V_RacenamefIndian	3.61[−0.87,8.09] 1.58 [2.29] 0.11 [2361.00]		−0.77[−9.60,8.05] −0.17 [4.50] 0.86 [2361.00]	3.66[−0.80,8.12] 1.61 [2.27] 0.11 [2360.00]	3.34[−1.35,8.04] 1.40 [2.39] 0.16 [2361.00]		−0.77[−9.60,8.05] −0.17 [4.50] 0.86 [2361.00]	3.45[−1.18,8.09] 1.46 [2.36] 0.14 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensive	−0.54[−6.24,5.17] −0.18 [2.91] 0.85 [2361.00]		2.29[−8.92,13.51] 0.40 [5.72] 0.69 [2361.00]	−0.68[−6.36,4.99] −0.24 [2.90] 0.81 [2360.00]	0.55[−5.42,6.53] 0.18 [3.05] 0.86 [2361.00]		2.29[−8.92,13.51] 0.40 [5.72] 0.69 [2361.00]	0.25[−5.65,6.15] 0.08 [3.01] 0.93 [2360.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable	1.28[−4.05,6.61] 0.47 [2.72] 0.64 [2361.00]		3.24[−7.25,13.72] 0.61 [5.35] 0.55 [2361.00]	1.07[−4.23,6.38] 0.40 [2.71] 0.69 [2360.00]	1.67[−3.91,7.26] 0.59 [2.85] 0.56 [2361.00]		3.24[−7.25,13.72] 0.61 [5.35] 0.55 [2361.00]	1.31[−4.20,6.82] 0.46 [2.81] 0.64 [2360.00]
V_PresentationDefensiveV_ProductMorMorallyQuestionable	0.26[−6.22,6.74] 0.08 [3.30] 0.94 [2361.00]		8.06[−4.68,20.80] 1.24 [6.50] 0.22 [2361.00]	−0.18[−6.62,6.27] −0.05 [3.29] 0.96 [2360.00]	3.44[−3.35,10.22] 0.99 [3.46] 0.32 [2361.00]		8.06[−4.68,20.80] 1.24 [6.50] 0.22 [2361.00]	2.66[−4.04,9.36] 0.78 [3.42] 0.44 [2360.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	0.02[−5.47,5.51] 0.01 [2.80] 1.00 [2361.00]		−1.01[−11.87,9.85] −0.18 [5.54] 0.85 [2361.00]	0.07[−5.40,5.53] 0.02 [2.79] 0.98 [2360.00]	−1.73[−7.48,4.01] −0.59 [2.93] 0.55 [2361.00]		−1.01[−11.87,9.85] −0.18 [5.54] 0.85 [2361.00]	−1.67[−7.34,4.00] −0.58 [2.89] 0.56 [2360.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	1.00[−4.58,6.59] 0.35 [2.85] 0.73 [2361.00]		4.99[−5.99,15.96] 0.89 [5.60] 0.37 [2361.00]	0.69[−4.87,6.25] 0.24 [2.83] 0.81 [2360.00]	−3.71[−9.56,2.14] −1.24 [2.98] 0.21 [2361.00]		4.99[−5.99,15.96] 0.89 [5.60] 0.37 [2361.00]	−4.25[−10.02,1.53] −1.44 [2.94] 0.15 [2360.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	−2.02[−7.37,3.33] −0.74 [2.73] 0.46 [2361.00]		2.44[−8.10,12.98] 0.45 [5.37] 0.65 [2361.00]	−2.17[−7.49,3.15] −0.80 [2.71] 0.42 [2360.00]	−4.33[−9.93,1.27] −1.52 [2.85] 0.13 [2361.00]		2.44[−8.10,12.98] 0.45 [5.37] 0.65 [2361.00]	−4.59[−10.12,0.93] −1.63 [2.82] 0.10 [2360.00]
V_PresentationDefensiveV_RacenamefBlack	−4.74[−11.30,1.82] −1.42 [3.34] 0.16 [2361.00]		−7.29[−20.22,5.64] −1.11 [6.59] 0.27 [2361.00]	−4.36[−10.88,2.17] −1.31 [3.33] 0.19 [2360.00]	−3.34[−10.20,3.53] −0.95 [3.50] 0.34 [2361.00]		−7.29[−20.22,5.64] −1.11 [6.59] 0.27 [2361.00]	−2.78[−9.56,4.00] −0.80 [3.46] 0.42 [2360.00]
V_PresentationDefensiveV_RacenamefChinese	−2.95[−9.49,3.59] −0.89 [3.34] 0.38 [2361.00]		5.42[−7.32,18.17] 0.83 [6.50] 0.40 [2361.00]	−3.27[−9.78,3.23] −0.99 [3.32] 0.32 [2360.00]	−3.84[−10.69,3.02] −1.10 [3.50] 0.27 [2361.00]		5.42[−7.32,18.17] 0.83 [6.50] 0.40 [2361.00]	−4.44[−11.20,2.32] −1.29 [3.45] 0.20 [2360.00]
V_PresentationDefensiveV_RacenamefIndian	−6.26[−12.88,0.36]+ −1.85 [3.38] 0.06 [2361.00]		−2.90[−15.90,10.11] −0.44 [6.63] 0.66 [2361.00]	−6.12[−12.71,0.46]+ −1.82 [3.36] 0.07 [2360.00]	−5.15[−12.08,1.79] −1.46 [3.54] 0.15 [2361.00]		−2.90[−15.90,10.11] −0.44 [6.63] 0.66 [2361.00]	−4.99[−11.84,1.85] −1.43 [3.49] 0.15 [2360.00]
V_ProductMorMorallyQuestionableV_RacenamefBlack	−3.28[−9.70,3.13] −1.00 [3.27] 0.32 [2361.00]		−1.60[−14.19,10.98] −0.25 [6.42] 0.80 [2361.00]	−3.19[−9.56,3.19] −0.98 [3.25] 0.33 [2360.00]	−4.29[−11.00,2.43] −1.25 [3.42] 0.21 [2361.00]		−1.60[−14.19,10.98] −0.25 [6.42] 0.80 [2361.00]	−4.14[−10.77,2.49] −1.23 [3.38] 0.22 [2360.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese	−5.34[−11.80,1.11] −1.62 [3.29] 0.10 [2361.00]		4.09[−8.61,16.79] 0.63 [6.48] 0.53 [2361.00]	−5.62[−12.04,0.81]+ −1.71 [3.28] 0.09 [2360.00]	−2.93[−9.69,3.83] −0.85 [3.45] 0.40 [2361.00]		4.09[−8.61,16.79] 0.63 [6.48] 0.53 [2361.00]	−3.38[−10.05,3.30] −0.99 [3.40] 0.32 [2360.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian	−6.80[−13.03,−0.57]* −2.14 [3.18] 0.03 [2361.00]		0.30[−11.87,12.47] 0.05 [6.21] 0.96 [2361.00]	−6.82[−13.02,−0.63]* −2.16 [3.16] 0.03 [2360.00]	−6.40[−12.93,0.12]+ −1.92 [3.33] 0.05 [2361.00]		0.30[−11.87,12.47] 0.05 [6.21] 0.96 [2361.00]	−6.48[−12.93,−0.04]* −1.97 [3.28] 0.05 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionable	0.35[−7.53,8.24] 0.09 [4.02] 0.93 [2361.00]		−1.61[−17.11,13.89] −0.20 [7.90] 0.84 [2361.00]	0.48[−7.36,8.32] 0.12 [4.00] 0.90 [2360.00]	−2.39[−10.64,5.86] −0.57 [4.21] 0.57 [2361.00]		−1.61[−17.11,13.89] −0.20 [7.90] 0.84 [2361.00]	−2.10[−10.24,6.05] −0.50 [4.15] 0.61 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefBlack	4.57[−3.34,12.49] 1.13 [4.04] 0.26 [2361.00]		11.37[−4.23,26.97] 1.43 [7.96] 0.15 [2361.00]	3.99[−3.90,11.87] 0.99 [4.02] 0.32 [2360.00]	1.08[−7.21,9.37] 0.25 [4.23] 0.80 [2361.00]		11.37[−4.23,26.97] 1.43 [7.96] 0.15 [2361.00]	0.17[−8.02,8.36] 0.04 [4.18] 0.97 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefChinese	3.44[−4.57,11.45] 0.84 [4.08] 0.40 [2361.00]		−3.53[−19.13,12.08] −0.44 [7.96] 0.66 [2361.00]	3.68[−4.29,11.64] 0.90 [4.06] 0.37 [2360.00]	4.74[−3.66,13.14] 1.11 [4.28] 0.27 [2361.00]		−3.53[−19.13,12.08] −0.44 [7.96] 0.66 [2361.00]	5.19[−3.09,13.47] 1.23 [4.22] 0.22 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefIndian	4.23[−3.74,12.21] 1.04 [4.07] 0.30 [2361.00]		2.90[−12.77,18.57] 0.36 [7.99] 0.72 [2361.00]	4.11[−3.82,12.04] 1.02 [4.05] 0.31 [2360.00]	6.07[−2.28,14.42] 1.43 [4.26] 0.15 [2361.00]		2.90[−12.77,18.57] 0.36 [7.99] 0.72 [2361.00]	5.93[−2.32,14.17] 1.41 [4.20] 0.16 [2360.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack	−0.50[−8.35,7.34] −0.13 [4.00] 0.90 [2361.00]		2.06[−13.32,17.43] 0.26 [7.84] 0.79 [2361.00]	−0.59[−8.40,7.21] −0.15 [3.98] 0.88 [2360.00]	1.45[−6.77,9.66] 0.35 [4.19] 0.73 [2361.00]		2.06[−13.32,17.43] 0.26 [7.84] 0.79 [2361.00]	1.32[−6.79,9.43] 0.32 [4.13] 0.75 [2360.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese	1.75[−6.13,9.62] 0.44 [4.02] 0.66 [2361.00]		−7.90[−23.39,7.58] −1.00 [7.90] 0.32 [2361.00]	2.25[−5.59,10.08] 0.56 [4.00] 0.57 [2360.00]	1.00[−7.24,9.25] 0.24 [4.20] 0.81 [2361.00]		−7.90[−23.39,7.58] −1.00 [7.90] 0.32 [2361.00]	1.85[−6.29,9.99] 0.45 [4.15] 0.66 [2360.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefIndian	0.64[−6.98,8.27] 0.17 [3.89] 0.87 [2361.00]		−4.34[−19.23,10.56] −0.57 [7.60] 0.57 [2361.00]	0.89[−6.69,8.48] 0.23 [3.87] 0.82 [2360.00]	3.26[−4.73,11.25] 0.80 [4.07] 0.42 [2361.00]		−4.34[−19.23,10.56] −0.57 [7.60] 0.57 [2361.00]	3.71[−4.18,11.59] 0.92 [4.02] 0.36 [2360.00]
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefBlack	8.60[−0.53,17.74]+ 1.85 [4.66] 0.06 [2361.00]		10.45[−7.51,28.42] 1.14 [9.16] 0.25 [2361.00]	8.06[−1.03,17.15]+ 1.74 [4.63] 0.08 [2360.00]	5.79[−3.77,15.36] 1.19 [4.88] 0.23 [2361.00]		10.45[−7.51,28.42] 1.14 [9.16] 0.25 [2361.00]	4.97[−4.47,14.41] 1.03 [4.81] 0.30 [2360.00]
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefChinese	7.08[−1.98,16.15] 1.53 [4.62] 0.13 [2361.00]		−8.05[−26.08,9.98] −0.88 [9.19] 0.38 [2361.00]	7.55[−1.47,16.57] 1.64 [4.60] 0.10 [2360.00]	2.62[−6.86,12.09] 0.54 [4.83] 0.59 [2361.00]		−8.05[−26.08,9.98] −0.88 [9.19] 0.38 [2361.00]	3.45[−5.92,12.81] 0.72 [4.78] 0.47 [2360.00]
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefIndian	7.80[−1.31,16.91]+ 1.68 [4.65] 0.09 [2361.00]		4.80[−13.18,22.78] 0.52 [9.17] 0.60 [2361.00]	7.55[−1.52,16.61] 1.63 [4.62] 0.10 [2360.00]	4.72[−4.82,14.25] 0.97 [4.86] 0.33 [2361.00]		4.80[−13.18,22.78] 0.52 [9.17] 0.60 [2361.00]	4.42[−5.00,13.83] 0.92 [4.80] 0.36 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefBlack	−6.32[−17.44,4.80] −1.11 [5.67] 0.27 [2361.00]		−14.80[−36.67,7.06] −1.33 [11.15] 0.18 [2361.00]	−5.58[−16.64,5.49] −0.99 [5.64] 0.32 [2360.00]	−1.33[−12.97,10.31] −0.22 [5.94] 0.82 [2361.00]		−14.80[−36.67,7.06] −1.33 [11.15] 0.18 [2361.00]	−0.18[−11.67,11.31] −0.03 [5.86] 0.98 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefChinese	−6.62[−17.66,4.41] −1.18 [5.63] 0.24 [2361.00]		7.71[−14.22,29.64] 0.69 [11.19] 0.49 [2361.00]	−7.10[−18.08,3.88] −1.27 [5.60] 0.20 [2360.00]	−1.09[−12.62,10.45] −0.18 [5.88] 0.85 [2361.00]		7.71[−14.22,29.64] 0.69 [11.19] 0.49 [2361.00]	−1.94[−13.34,9.46] −0.33 [5.81] 0.74 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefIndian	−0.44[−11.54,10.66] −0.08 [5.66] 0.94 [2361.00]		−5.67[−27.56,16.21] −0.51 [11.16] 0.61 [2361.00]	−0.16[−11.21,10.88] −0.03 [5.63] 0.98 [2360.00]	−2.51[−14.13,9.10] −0.42 [5.92] 0.67 [2361.00]		−5.67[−27.56,16.21] −0.51 [11.16] 0.61 [2361.00]	−2.16[−13.63,9.31] −0.37 [5.85] 0.71 [2360.00]
MWPre_Post		0.06[0.04,0.07]*** 6.03 [0.01] 0.00 [2392.00]		0.05[0.03,0.07]*** 5.09 [0.01] 0.00 [2360.00]		0.08[0.06,0.10]*** 8.20 [0.01] 0.00 [2392.00]		0.09[0.07,0.11]*** 8.12 [0.01] 0.00 [2360.00]
SD (Intercept ID)	2.92	2.97	0.00	2.89	3.29	3.15	0.00	3.08
SD (Observations)	11.12	11.08	22.49	11.07	11.60	11.51	22.49	11.48
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.022	0.015	0.180	0.033	0.019	0.027	0.180	0.045
R2 Cond.	0.085	0.081		0.094	0.092	0.094		0.110
AIC	18 438.1	18 491.7	21 622.8	18 421.7	18 658.6	18 676.9	21 622.8	18 602.9
BIC	18 634.7	18 514.8	21 819.4	18 624.0	18 855.1	18 700.0	21 819.4	18 805.2
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.74	10.76	22.34	10.69	11.17	11.16	22.34	11.08

p.value, [df.error]
t, [std.error]
Estimate [95ConfInterval]

Table 3.42: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	18487.93	18684.43	-9209.96	18419.93			
C2Path	35.00	18463.76	18666.04	-9196.88	18393.76	26.17	1	0.0000

Table 3.43: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	34.00	18712.58	18909.08	-9322.29	18644.58			
C2Path	35.00	18648.83	18851.12	-9289.42	18578.83	65.75	1	0.0000

3.6 H3b

Table 3.44: Model H3b

	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(Intercept)	0.82[−4.81,6.45] 0.29 2.87 0.78 2324.00	1.08[0.58,1.59]*** 4.19 0.26 0.00 2392.00	13.88[3.02,24.73]* 2.51 5.53 0.01 2324.00	−0.06[−5.66,5.53] −0.02 2.85 0.98 2323.00	2.78[−3.14,8.70] 0.92 3.02 0.36 2324.00	0.85[0.32,1.37]** 3.13 0.27 0.00 2392.00	13.88[3.02,24.73]* 2.51 5.53 0.01 2324.00	1.40[−4.44,7.24] 0.47 2.98 0.64 2323.00
EXPGRP_TEXTWhite	−1.23[−6.61,4.15] −0.45 2.74 0.65 2324.00		−5.27[−15.63,5.10] −1.00 5.29 0.32 2324.00	−0.86[−6.21,4.48] −0.32 2.73 0.75 2323.00	−0.62[−6.28,5.05] −0.21 2.89 0.83 2324.00		−5.27[−15.63,5.10] −1.00 5.29 0.32 2324.00	−0.05[−5.63,5.53] −0.02 2.84 0.99 2323.00
V_PresentationDefensive	0.31[−6.50,7.12] 0.09 3.47 0.93 2324.00		−16.71[−29.83,−3.60]* −2.50 6.69 0.01 2324.00	1.35[−5.42,8.11] 0.39 3.45 0.70 2323.00	−0.81[−7.97,6.35] −0.22 3.65 0.83 2324.00		−16.71[−29.83,−3.60]* −2.50 6.69 0.01 2324.00	0.83[−6.24,7.89] 0.23 3.60 0.82 2323.00
V_Productcigarettes	0.58[−5.51,6.68] 0.19 3.11 0.85 2324.00		−2.00[−13.74,9.75] −0.33 5.99 0.74 2324.00	0.74[−5.32,6.79] 0.24 3.09 0.81 2323.00	−3.40[−9.81,3.02] −1.04 3.27 0.30 2324.00		−2.00[−13.74,9.75] −0.33 5.99 0.74 2324.00	−3.15[−9.47,3.16] −0.98 3.22 0.33 2323.00
V_Producthardwaresupplies	0.01[−6.19,6.22] 0.00 3.17 1.00 2324.00		5.26[−6.71,17.22] 0.86 6.10 0.39 2324.00	−0.30[−6.46,5.87] −0.09 3.14 0.92 2323.00	−2.63[−9.16,3.90] −0.79 3.33 0.43 2324.00		5.26[−6.71,17.22] 0.86 6.10 0.39 2324.00	−3.11[−9.54,3.32] −0.95 3.28 0.34 2323.00
V_Producttoiletpaper	1.67[−4.59,7.92] 0.52 3.19 0.60 2324.00		13.36[1.30,25.41]* 2.17 6.15 0.03 2324.00	0.83[−5.38,7.05] 0.26 3.17 0.79 2323.00	−0.73[−7.31,5.85] −0.22 3.36 0.83 2324.00		13.36[1.30,25.41]* 2.17 6.15 0.03 2324.00	−2.00[−8.49,4.49] −0.60 3.31 0.55 2323.00
V_RacenamefBlack	−0.22[−6.47,6.04] −0.07 3.19 0.95 2324.00		−0.48[−12.54,11.58] −0.08 6.15 0.94 2324.00	−0.20[−6.41,6.01] −0.06 3.17 0.95 2323.00	1.20[−5.38,7.78] 0.36 3.36 0.72 2324.00		−0.48[−12.54,11.58] −0.08 6.15 0.94 2324.00	1.24[−5.24,7.72] 0.37 3.30 0.71 2323.00
V_RacenamefChinese	−0.95[−7.65,5.76] −0.28 3.42 0.78 2324.00		−5.39[−18.31,7.53] −0.82 6.59 0.41 2324.00	−0.56[−7.22,6.10] −0.16 3.40 0.87 2323.00	0.32[−6.73,7.38] 0.09 3.60 0.93 2324.00		−5.39[−18.31,7.53] −0.82 6.59 0.41 2324.00	0.93[−6.02,7.88] 0.26 3.54 0.79 2323.00
V_RacenamefIndian	0.14[−6.32,6.59] 0.04 3.29 0.97 2324.00		−2.63[−15.06,9.81] −0.41 6.34 0.68 2324.00	0.31[−6.10,6.72] 0.09 3.27 0.93 2323.00	−1.46[−8.25,5.33] −0.42 3.46 0.67 2324.00		−2.63[−15.06,9.81] −0.41 6.34 0.68 2324.00	−1.19[−7.88,5.49] −0.35 3.41 0.73 2323.00
V_Age	0.02[−0.07,0.10] 0.45 0.04 0.66 2324.00		−0.06[−0.22,0.11] −0.70 0.08 0.48 2324.00	0.02[−0.06,0.11] 0.54 0.04 0.59 2323.00	−0.02[−0.11,0.07] −0.45 0.05 0.66 2324.00		−0.06[−0.22,0.11] −0.70 0.08 0.48 2324.00	−0.01[−0.10,0.07] −0.32 0.05 0.75 2323.00
V_Locationinthecity	0.76[−0.37,1.89] 1.31 0.58 0.19 2324.00		0.76[−1.42,2.94] 0.69 1.11 0.49 2324.00	0.72[−0.40,1.84] 1.25 0.57 0.21 2323.00	1.23[0.04,2.42]* 2.02 0.61 0.04 2324.00		0.76[−1.42,2.94] 0.69 1.11 0.49 2324.00	1.18[0.00,2.35]* 1.97 0.60 0.05 2323.00
V_Locationnearby	−0.01[−1.16,1.13] −0.02 0.58 0.98 2324.00		−1.13[−3.33,1.08] −1.00 1.13 0.32 2324.00	0.06[−1.08,1.20] 0.11 0.58 0.92 2323.00	0.35[−0.86,1.55] 0.56 0.61 0.57 2324.00		−1.13[−3.33,1.08] −1.00 1.13 0.32 2324.00	0.47[−0.72,1.66] 0.78 0.61 0.44 2323.00
V_StoreTypedepartmentstore	0.90[−0.23,2.04] 1.57 0.58 0.12 2324.00		1.15[−1.04,3.33] 1.03 1.11 0.30 2324.00	0.82[−0.31,1.95] 1.43 0.57 0.15 2323.00	0.55[−0.64,1.74] 0.91 0.61 0.36 2324.00		1.15[−1.04,3.33] 1.03 1.11 0.30 2324.00	0.42[−0.75,1.60] 0.70 0.60 0.48 2323.00
V_StoreTypesupermarket	0.82[−0.31,1.95] 1.42 0.57 0.15 2324.00		0.87[−1.30,3.04] 0.79 1.11 0.43 2324.00	0.76[−0.36,1.88] 1.33 0.57 0.18 2323.00	1.26[0.08,2.45]* 2.09 0.60 0.04 2324.00		0.87[−1.30,3.04] 0.79 1.11 0.43 2324.00	1.17[0.01,2.34]* 1.97 0.60 0.05 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensive	−1.25[−9.38,6.89] −0.30 4.15 0.76 2324.00		1.85[−13.83,17.52] 0.23 7.99 0.82 2324.00	−1.38[−9.45,6.70] −0.33 4.12 0.74 2323.00	1.20[−7.35,9.76] 0.28 4.36 0.78 2324.00		1.85[−13.83,17.52] 0.23 7.99 0.82 2324.00	0.98[−7.44,9.41] 0.23 4.30 0.82 2323.00
EXPGRP_TEXTWhiteV_Productcigarettes	4.36[−3.16,11.87] 1.14 3.83 0.26 2324.00		−0.25[−14.73,14.24] −0.03 7.39 0.97 2324.00	4.31[−3.16,11.77] 1.13 3.81 0.26 2323.00	5.89[−2.02,13.79] 1.46 4.03 0.14 2324.00		−0.25[−14.73,14.24] −0.03 7.39 0.97 2324.00	5.80[−1.98,13.59] 1.46 3.97 0.14 2323.00
EXPGRP_TEXTWhiteV_Producthardwaresupplies	−0.52[−7.97,6.93] −0.14 3.80 0.89 2324.00		1.36[−13.00,15.73] 0.19 7.33 0.85 2324.00	−0.65[−8.05,6.75] −0.17 3.77 0.86 2323.00	1.87[−5.97,9.71] 0.47 4.00 0.64 2324.00		1.36[−13.00,15.73] 0.19 7.33 0.85 2324.00	1.69[−6.03,9.41] 0.43 3.94 0.67 2323.00
EXPGRP_TEXTWhiteV_Producttoiletpaper	−2.00[−9.67,5.67] −0.51 3.91 0.61 2324.00		7.74[−7.04,22.52] 1.03 7.54 0.30 2324.00	−2.52[−10.14,5.09] −0.65 3.88 0.52 2323.00	−0.39[−8.45,7.68] −0.09 4.11 0.92 2324.00		7.74[−7.04,22.52] 1.03 7.54 0.30 2324.00	−1.21[−9.16,6.73] −0.30 4.05 0.76 2323.00
V_PresentationDefensiveV_Productcigarettes	1.29[−8.00,10.57] 0.27 4.73 0.79 2324.00		12.72[−5.17,30.62] 1.39 9.13 0.16 2324.00	0.51[−8.71,9.74] 0.11 4.70 0.91 2323.00	2.61[−7.15,12.38] 0.52 4.98 0.60 2324.00		12.72[−5.17,30.62] 1.39 9.13 0.16 2324.00	1.38[−8.24,11.01] 0.28 4.91 0.78 2323.00
V_PresentationDefensiveV_Producthardwaresupplies	−2.54[−12.02,6.94] −0.53 4.83 0.60 2324.00		−14.50[−32.78,3.77] −1.56 9.32 0.12 2324.00	−1.63[−11.05,7.78] −0.34 4.80 0.73 2323.00	−1.91[−11.88,8.06] −0.38 5.08 0.71 2324.00		−14.50[−32.78,3.77] −1.56 9.32 0.12 2324.00	−0.49[−10.32,9.34] −0.10 5.01 0.92 2323.00
V_PresentationDefensiveV_Producttoiletpaper	−2.77[−11.92,6.39] −0.59 4.67 0.55 2324.00		−11.29[−28.93,6.35] −1.25 9.00 0.21 2324.00	−2.06[−11.15,7.03] −0.44 4.64 0.66 2323.00	1.74[−7.89,11.36] 0.35 4.91 0.72 2324.00		−11.29[−28.93,6.35] −1.25 9.00 0.21 2324.00	2.77[−6.71,12.26] 0.57 4.84 0.57 2323.00
EXPGRP_TEXTWhiteV_RacenamefBlack	−1.00[−8.60,6.59] −0.26 3.87 0.80 2324.00		−1.58[−16.22,13.05] −0.21 7.46 0.83 2324.00	−0.92[−8.46,6.62] −0.24 3.84 0.81 2323.00	−2.40[−10.39,5.58] −0.59 4.07 0.56 2324.00		−1.58[−16.22,13.05] −0.21 7.46 0.83 2324.00	−2.25[−10.11,5.62] −0.56 4.01 0.58 2323.00
EXPGRP_TEXTWhiteV_RacenamefChinese	0.85[−7.28,8.98] 0.21 4.15 0.84 2324.00		5.38[−10.29,21.06] 0.67 7.99 0.50 2324.00	0.43[−7.65,8.51] 0.10 4.12 0.92 2323.00	−0.52[−9.08,8.03] −0.12 4.36 0.90 2324.00		5.38[−10.29,21.06] 0.67 7.99 0.50 2324.00	−1.17[−9.59,7.26] −0.27 4.30 0.79 2323.00
EXPGRP_TEXTWhiteV_RacenamefIndian	2.02[−5.66,9.70] 0.52 3.92 0.61 2324.00		5.57[−9.23,20.38] 0.74 7.55 0.46 2324.00	1.66[−5.97,9.29] 0.43 3.89 0.67 2323.00	1.47[−6.61,9.55] 0.36 4.12 0.72 2324.00		5.57[−9.23,20.38] 0.74 7.55 0.46 2324.00	0.91[−7.05,8.87] 0.22 4.06 0.82 2323.00
V_PresentationDefensiveV_RacenamefBlack	−1.51[−10.72,7.70] −0.32 4.70 0.75 2324.00		−8.01[−25.76,9.74] −0.89 9.05 0.38 2324.00	−0.97[−10.11,8.18] −0.21 4.66 0.84 2323.00	−4.24[−13.92,5.45] −0.86 4.94 0.39 2324.00		−8.01[−25.76,9.74] −0.89 9.05 0.38 2324.00	−3.42[−12.97,6.12] −0.70 4.87 0.48 2323.00
V_PresentationDefensiveV_RacenamefChinese	−4.53[−13.76,4.70] −0.96 4.71 0.34 2324.00		3.55[−14.24,21.34] 0.39 9.07 0.70 2324.00	−4.79[−13.95,4.38] −1.02 4.67 0.31 2323.00	−3.56[−13.27,6.15] −0.72 4.95 0.47 2324.00		3.55[−14.24,21.34] 0.39 9.07 0.70 2324.00	−3.99[−13.56,5.57] −0.82 4.88 0.41 2323.00
V_PresentationDefensiveV_RacenamefIndian	−1.11[−10.76,8.54] −0.23 4.92 0.82 2324.00		−0.72[−19.31,17.87] −0.08 9.48 0.94 2324.00	−1.06[−10.64,8.52] −0.22 4.89 0.83 2323.00	−0.84[−10.99,9.31] −0.16 5.18 0.87 2324.00		−0.72[−19.31,17.87] −0.08 9.48 0.94 2324.00	−0.76[−10.76,9.24] −0.15 5.10 0.88 2323.00
V_ProductcigarettesV_RacenamefBlack	−2.69[−11.51,6.13] −0.60 4.50 0.55 2324.00		−4.17[−21.10,12.75] −0.48 8.63 0.63 2324.00	−2.40[−11.16,6.35] −0.54 4.47 0.59 2323.00	−1.91[−11.20,7.37] −0.40 4.73 0.69 2324.00		−4.17[−21.10,12.75] −0.48 8.63 0.63 2324.00	−1.49[−10.63,7.65] −0.32 4.66 0.75 2323.00
V_ProducthardwaresuppliesV_RacenamefBlack	1.74[−7.50,10.97] 0.37 4.71 0.71 2324.00		−3.94[−21.63,13.75] −0.44 9.02 0.66 2324.00	1.97[−7.20,11.14] 0.42 4.68 0.67 2323.00	0.75[−8.97,10.47] 0.15 4.96 0.88 2324.00		−3.94[−21.63,13.75] −0.44 9.02 0.66 2324.00	1.14[−8.43,10.71] 0.23 4.88 0.82 2323.00
V_ProducttoiletpaperV_RacenamefBlack	−2.22[−11.25,6.80] −0.48 4.60 0.63 2324.00		−2.85[−20.19,14.48] −0.32 8.84 0.75 2324.00	−2.03[−10.99,6.93] −0.44 4.57 0.66 2323.00	−5.55[−15.04,3.95] −1.14 4.84 0.25 2324.00		−2.85[−20.19,14.48] −0.32 8.84 0.75 2324.00	−5.24[−14.59,4.11] −1.10 4.77 0.27 2323.00
V_ProductcigarettesV_RacenamefChinese	1.58[−7.76,10.91] 0.33 4.76 0.74 2324.00		3.25[−14.74,21.24] 0.35 9.17 0.72 2324.00	1.28[−7.99,10.55] 0.27 4.73 0.79 2323.00	6.38[−3.44,16.20] 1.27 5.01 0.20 2324.00		3.25[−14.74,21.24] 0.35 9.17 0.72 2324.00	5.96[−3.71,15.63] 1.21 4.93 0.23 2323.00
V_ProducthardwaresuppliesV_RacenamefChinese	2.03[−7.12,11.17] 0.43 4.66 0.66 2324.00		0.74[−16.88,18.37] 0.08 8.99 0.93 2324.00	1.93[−7.15,11.01] 0.42 4.63 0.68 2323.00	5.20[−4.42,14.82] 1.06 4.90 0.29 2324.00		0.74[−16.88,18.37] 0.08 8.99 0.93 2324.00	5.08[−4.39,14.56] 1.05 4.83 0.29 2323.00
V_ProducttoiletpaperV_RacenamefChinese	−9.13[−18.40,0.13]+ −1.93 4.72 0.05 2324.00		4.38[−13.47,22.24] 0.48 9.11 0.63 2324.00	−9.48[−18.68,−0.29]* −2.02 4.69 0.04 2323.00	−6.04[−15.78,3.71] −1.21 4.97 0.22 2324.00		4.38[−13.47,22.24] 0.48 9.11 0.63 2324.00	−6.58[−16.18,3.02] −1.34 4.89 0.18 2323.00
V_ProductcigarettesV_RacenamefIndian	1.20[−7.52,9.91] 0.27 4.45 0.79 2324.00		0.91[−15.83,17.65] 0.11 8.54 0.92 2324.00	1.10[−7.55,9.76] 0.25 4.41 0.80 2323.00	0.19[−8.98,9.37] 0.04 4.68 0.97 2324.00		0.91[−15.83,17.65] 0.11 8.54 0.92 2324.00	0.02[−9.02,9.05] 0.00 4.61 1.00 2323.00
V_ProducthardwaresuppliesV_RacenamefIndian	6.55[−2.42,15.52] 1.43 4.57 0.15 2324.00		3.51[−13.74,20.76] 0.40 8.80 0.69 2324.00	6.34[−2.57,15.24] 1.40 4.54 0.16 2323.00	9.31[−0.12,18.75]+ 1.94 4.81 0.05 2324.00		3.51[−13.74,20.76] 0.40 8.80 0.69 2324.00	9.01[−0.28,18.31]+ 1.90 4.74 0.06 2323.00
V_ProducttoiletpaperV_RacenamefIndian	−8.14[−17.12,0.84]+ −1.78 4.58 0.08 2324.00		4.69[−12.54,21.93] 0.53 8.79 0.59 2324.00	−8.40[−17.32,0.51]+ −1.85 4.55 0.06 2323.00	−3.24[−12.70,6.21] −0.67 4.82 0.50 2324.00		4.69[−12.54,21.93] 0.53 8.79 0.59 2324.00	−3.66[−12.97,5.65] −0.77 4.75 0.44 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Productcigarettes	−3.74[−15.03,7.54] −0.65 5.75 0.52 2324.00		−0.99[−22.73,20.76] −0.09 11.09 0.93 2324.00	−3.65[−14.85,7.55] −0.64 5.71 0.52 2323.00	−3.88[−15.75,7.99] −0.64 6.05 0.52 2324.00		−0.99[−22.73,20.76] −0.09 11.09 0.93 2324.00	−3.69[−15.39,8.00] −0.62 5.96 0.54 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producthardwaresupplies	1.40[−9.97,12.77] 0.24 5.80 0.81 2324.00		0.20[−21.72,22.13] 0.02 11.18 0.99 2324.00	1.40[−9.89,12.69] 0.24 5.76 0.81 2323.00	−1.71[−13.67,10.25] −0.28 6.10 0.78 2324.00		0.20[−21.72,22.13] 0.02 11.18 0.99 2324.00	−1.77[−13.55,10.02] −0.29 6.01 0.77 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Producttoiletpaper	5.10[−5.98,16.18] 0.90 5.65 0.37 2324.00		−2.27[−23.63,19.10] −0.21 10.89 0.84 2324.00	5.27[−5.73,16.28] 0.94 5.61 0.35 2323.00	−1.91[−13.56,9.75] −0.32 5.94 0.75 2324.00		−2.27[−23.63,19.10] −0.21 10.89 0.84 2324.00	−1.59[−13.07,9.89] −0.27 5.85 0.79 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefBlack	3.68[−7.45,14.80] 0.65 5.67 0.52 2324.00		9.74[−11.71,31.18] 0.89 10.94 0.37 2324.00	3.01[−8.04,14.06] 0.53 5.63 0.59 2323.00	2.37[−9.34,14.07] 0.40 5.97 0.69 2324.00		9.74[−11.71,31.18] 0.89 10.94 0.37 2324.00	1.31[−10.22,12.84] 0.22 5.88 0.82 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefChinese	6.52[−4.73,17.77] 1.14 5.74 0.26 2324.00		−6.85[−28.52,14.82] −0.62 11.05 0.54 2324.00	6.99[−4.18,18.16] 1.23 5.70 0.22 2323.00	1.99[−9.84,13.83] 0.33 6.03 0.74 2324.00		−6.85[−28.52,14.82] −0.62 11.05 0.54 2324.00	2.73[−8.93,14.39] 0.46 5.94 0.65 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_RacenamefIndian	−1.88[−13.39,9.62] −0.32 5.87 0.75 2324.00		−4.82[−26.98,17.35] −0.43 11.30 0.67 2324.00	−1.56[−12.98,9.86] −0.27 5.82 0.79 2323.00	−2.19[−14.29,9.92] −0.35 6.17 0.72 2324.00		−4.82[−26.98,17.35] −0.43 11.30 0.67 2324.00	−1.72[−13.64,10.20] −0.28 6.08 0.78 2323.00
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	−0.75[−11.58,10.08] −0.14 5.52 0.89 2324.00		1.76[−19.03,22.55] 0.17 10.60 0.87 2324.00	−0.84[−11.59,9.92] −0.15 5.48 0.88 2323.00	−1.03[−12.43,10.37] −0.18 5.81 0.86 2324.00		1.76[−19.03,22.55] 0.17 10.60 0.87 2324.00	−1.19[−12.41,10.04] −0.21 5.72 0.84 2323.00
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	2.00[−9.14,13.13] 0.35 5.68 0.73 2324.00		1.36[−19.99,22.71] 0.13 10.89 0.90 2324.00	1.95[−9.11,13.00] 0.35 5.64 0.73 2323.00	1.80[−9.92,13.53] 0.30 5.98 0.76 2324.00		1.36[−19.99,22.71] 0.13 10.89 0.90 2324.00	1.63[−9.91,13.18] 0.28 5.89 0.78 2323.00
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefBlack	1.35[−9.66,12.36] 0.24 5.62 0.81 2324.00		2.78[−18.37,23.93] 0.26 10.79 0.80 2324.00	1.20[−9.73,12.14] 0.22 5.58 0.83 2323.00	5.03[−6.56,16.62] 0.85 5.91 0.39 2324.00		2.78[−18.37,23.93] 0.26 10.79 0.80 2324.00	4.78[−6.64,16.19] 0.82 5.82 0.41 2323.00
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefChinese	−4.35[−15.64,6.94] −0.76 5.76 0.45 2324.00		−2.39[−24.14,19.36] −0.22 11.09 0.83 2324.00	−4.07[−15.28,7.14] −0.71 5.72 0.48 2323.00	−9.05[−20.92,2.82] −1.49 6.05 0.14 2324.00		−2.39[−24.14,19.36] −0.22 11.09 0.83 2324.00	−8.69[−20.39,3.00] −1.46 5.96 0.15 2323.00
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	0.87[−10.28,12.02] 0.15 5.69 0.88 2324.00		−0.15[−21.64,21.34] −0.01 10.96 0.99 2324.00	0.97[−10.10,12.04] 0.17 5.65 0.86 2323.00	−5.67[−17.39,6.06] −0.95 5.98 0.34 2324.00		−0.15[−21.64,21.34] −0.01 10.96 0.99 2324.00	−5.55[−17.10,6.00] −0.94 5.89 0.35 2323.00
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefChinese	7.12[−4.19,18.42] 1.23 5.77 0.22 2324.00		−11.37[−33.17,10.43] −1.02 11.12 0.31 2324.00	7.96[−3.27,19.19] 1.39 5.73 0.16 2323.00	3.66[−8.23,15.55] 0.60 6.07 0.55 2324.00		−11.37[−33.17,10.43] −1.02 11.12 0.31 2324.00	5.01[−6.71,16.73] 0.84 5.98 0.40 2323.00
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefIndian	−7.42[−18.18,3.33] −1.35 5.49 0.18 2324.00		−4.48[−25.12,16.16] −0.43 10.53 0.67 2324.00	−7.11[−17.79,3.57] −1.30 5.45 0.19 2323.00	−4.78[−16.10,6.54] −0.83 5.77 0.41 2324.00		−4.48[−25.12,16.16] −0.43 10.53 0.67 2324.00	−4.26[−15.41,6.89] −0.75 5.69 0.45 2323.00
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefIndian	−7.55[−18.26,3.16] −1.38 5.46 0.17 2324.00		−5.89[−26.47,14.70] −0.56 10.50 0.58 2324.00	−7.18[−17.81,3.45] −1.32 5.42 0.19 2323.00	−11.26[−22.53,0.01]+ −1.96 5.75 0.05 2324.00		−5.89[−26.47,14.70] −0.56 10.50 0.58 2324.00	−10.72[−21.82,0.38]+ −1.89 5.66 0.06 2323.00
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	1.54[−9.34,12.42] 0.28 5.55 0.78 2324.00		−13.74[−34.62,7.15] −1.29 10.65 0.20 2324.00	2.38[−8.42,13.19] 0.43 5.51 0.67 2323.00	−0.19[−11.64,11.26] −0.03 5.84 0.97 2324.00		−13.74[−34.62,7.15] −1.29 10.65 0.20 2324.00	1.13[−10.15,12.41] 0.20 5.75 0.84 2323.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	3.79[−8.99,16.58] 0.58 6.52 0.56 2324.00		12.96[−11.65,37.57] 1.03 12.55 0.30 2324.00	2.90[−9.80,15.60] 0.45 6.48 0.65 2323.00	6.73[−6.73,20.18] 0.98 6.86 0.33 2324.00		12.96[−11.65,37.57] 1.03 12.55 0.30 2324.00	5.40[−7.85,18.65] 0.80 6.76 0.42 2323.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	−7.00[−20.20,6.20] −1.04 6.73 0.30 2324.00		0.06[−25.31,25.44] 0.00 12.94 1.00 2324.00	−7.06[−20.16,6.05] −1.06 6.68 0.29 2323.00	1.53[−12.37,15.42] 0.22 7.08 0.83 2324.00		0.06[−25.31,25.44] 0.00 12.94 1.00 2324.00	1.35[−12.33,15.03] 0.19 6.98 0.85 2323.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	5.88[−7.03,18.78] 0.89 6.58 0.37 2324.00		6.08[−18.79,30.96] 0.48 12.69 0.63 2324.00	5.49[−7.33,18.30] 0.84 6.53 0.40 2323.00	6.42[−7.16,19.99] 0.93 6.92 0.35 2324.00		6.08[−18.79,30.96] 0.48 12.69 0.63 2324.00	5.83[−7.55,19.20] 0.85 6.82 0.39 2323.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	4.15[−8.92,17.22] 0.62 6.67 0.53 2324.00		−7.66[−33.09,17.77] −0.59 12.97 0.55 2324.00	4.64[−8.35,17.62] 0.70 6.62 0.48 2323.00	−2.38[−16.11,11.35] −0.34 7.00 0.73 2324.00		−7.66[−33.09,17.77] −0.59 12.97 0.55 2324.00	−1.64[−15.17,11.90] −0.24 6.90 0.81 2323.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	3.86[−9.02,16.75] 0.59 6.57 0.56 2324.00		2.33[−22.70,27.37] 0.18 12.77 0.85 2324.00	3.75[−9.04,16.54] 0.57 6.52 0.57 2323.00	−1.10[−14.63,12.43] −0.16 6.90 0.87 2324.00		2.33[−22.70,27.37] 0.18 12.77 0.85 2324.00	−1.31[−14.65,12.03] −0.19 6.80 0.85 2323.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	12.62[−0.07,25.31]+ 1.95 6.47 0.05 2324.00		−3.46[−28.16,21.24] −0.27 12.60 0.78 2324.00	12.91[0.31,25.52]* 2.01 6.43 0.04 2323.00	7.00[−6.33,20.34] 1.03 6.80 0.30 2324.00		−3.46[−28.16,21.24] −0.27 12.60 0.78 2324.00	7.53[−5.62,20.67] 1.12 6.70 0.26 2323.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	−2.94[−16.08,10.20] −0.44 6.70 0.66 2324.00		4.45[−20.94,29.84] 0.34 12.95 0.73 2324.00	−3.25[−16.30,9.80] −0.49 6.65 0.63 2323.00	−0.10[−13.92,13.72] −0.01 7.05 0.99 2324.00		4.45[−20.94,29.84] 0.34 12.95 0.73 2324.00	−0.51[−14.13,13.10] −0.07 6.94 0.94 2323.00
V_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	−9.30[−22.52,3.92] −1.38 6.74 0.17 2324.00		−3.68[−29.17,21.81] −0.28 13.00 0.78 2324.00	−9.09[−22.22,4.04] −1.36 6.69 0.17 2323.00	−8.60[−22.51,5.30] −1.21 7.09 0.23 2324.00		−3.68[−29.17,21.81] −0.28 13.00 0.78 2324.00	−8.40[−22.10,5.30] −1.20 6.98 0.23 2323.00
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	7.93[−5.12,20.98] 1.19 6.65 0.23 2324.00		−1.38[−26.61,23.86] −0.11 12.87 0.91 2324.00	8.00[−4.95,20.96] 1.21 6.61 0.23 2323.00	0.98[−12.74,14.69] 0.14 7.00 0.89 2324.00		−1.38[−26.61,23.86] −0.11 12.87 0.91 2324.00	1.12[−12.40,14.64] 0.16 6.89 0.87 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefBlack	−1.84[−17.46,13.77] −0.23 7.96 0.82 2324.00		−12.76[−42.84,17.32] −0.83 15.34 0.41 2324.00	−1.00[−16.51,14.50] −0.13 7.91 0.90 2323.00	−3.57[−20.00,12.85] −0.43 8.38 0.67 2324.00		−12.76[−42.84,17.32] −0.83 15.34 0.41 2324.00	−2.28[−18.46,13.90] −0.28 8.25 0.78 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefBlack	2.20[−13.69,18.09] 0.27 8.10 0.79 2324.00		4.37[−26.21,34.95] 0.28 15.59 0.78 2324.00	2.01[−13.77,17.78] 0.25 8.05 0.80 2323.00	−2.29[−19.00,14.43] −0.27 8.53 0.79 2324.00		4.37[−26.21,34.95] 0.28 15.59 0.78 2324.00	−2.39[−18.85,14.08] −0.28 8.40 0.78 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	−7.73[−23.39,7.93] −0.97 7.99 0.33 2324.00		−9.93[−40.12,20.26] −0.65 15.40 0.52 2324.00	−7.09[−22.64,8.46] −0.89 7.93 0.37 2323.00	−1.70[−18.18,14.77] −0.20 8.40 0.84 2324.00		−9.93[−40.12,20.26] −0.65 15.40 0.52 2324.00	−0.66[−16.89,15.56] −0.08 8.28 0.94 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	−4.43[−20.22,11.35] −0.55 8.05 0.58 2324.00		7.91[−22.78,38.60] 0.51 15.65 0.61 2324.00	−4.94[−20.62,10.73] −0.62 7.99 0.54 2323.00	6.76[−9.82,23.34] 0.80 8.45 0.42 2324.00		7.91[−22.78,38.60] 0.51 15.65 0.61 2324.00	6.03[−10.32,22.37] 0.72 8.34 0.47 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefChinese	−7.17[−22.91,8.56] −0.89 8.02 0.37 2324.00		8.23[−22.35,38.80] 0.53 15.59 0.60 2324.00	−7.73[−23.35,7.90] −0.97 7.97 0.33 2323.00	5.64[−10.88,22.17] 0.67 8.43 0.50 2324.00		8.23[−22.35,38.80] 0.53 15.59 0.60 2324.00	4.86[−11.44,21.15] 0.58 8.31 0.56 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	−13.75[−29.24,1.74]+ −1.74 7.90 0.08 2324.00		12.27[−17.88,42.41] 0.80 15.37 0.42 2324.00	−14.64[−30.02,0.75]+ −1.87 7.84 0.06 2323.00	−3.07[−19.34,13.20] −0.37 8.30 0.71 2324.00		12.27[−17.88,42.41] 0.80 15.37 0.42 2324.00	−4.54[−20.58,11.50] −0.56 8.18 0.58 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductcigarettesV_RacenamefIndian	10.23[−5.70,26.17] 1.26 8.13 0.21 2324.00		−2.46[−33.24,28.32] −0.16 15.70 0.88 2324.00	10.39[−5.44,26.21] 1.29 8.07 0.20 2323.00	5.16[−11.60,21.92] 0.60 8.55 0.55 2324.00		−2.46[−33.24,28.32] −0.16 15.70 0.88 2324.00	5.34[−11.17,21.85] 0.63 8.42 0.53 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducthardwaresuppliesV_RacenamefIndian	11.17[−4.74,27.07] 1.38 8.11 0.17 2324.00		14.71[−15.95,45.38] 0.94 15.64 0.35 2324.00	10.23[−5.57,26.02] 1.27 8.06 0.20 2323.00	16.67[−0.06,33.40]+ 1.95 8.53 0.05 2324.00		14.71[−15.95,45.38] 0.94 15.64 0.35 2324.00	15.37[−1.11,31.86]+ 1.83 8.41 0.07 2323.00
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	0.87[−14.90,16.64] 0.11 8.04 0.91 2324.00		10.70[−19.76,41.16] 0.69 15.53 0.49 2324.00	0.17[−15.49,15.83] 0.02 7.99 0.98 2323.00	5.77[−10.82,22.35] 0.68 8.46 0.50 2324.00		10.70[−19.76,41.16] 0.69 15.53 0.49 2324.00	4.69[−11.65,21.03] 0.56 8.33 0.57 2323.00
MWPre_Post		0.06[0.04,0.07]*** 6.03 0.01 0.00 2392.00		0.06[0.04,0.08]*** 5.86 0.01 0.00 2323.00		0.08[0.06,0.10]*** 8.20 0.01 0.00 2392.00		0.10[0.07,0.12]*** 8.63 0.01 0.00 2323.00
SD (Intercept ID)	2.80	2.97	0.00	2.77	3.19	3.15	0.00	3.00
SD (Observations)	11.08	11.08	21.93	11.00	11.61	11.51	21.93	11.46
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg.	0.047	0.015	0.229	0.061	0.036	0.027	0.229	0.065
R2 Cond.	0.104	0.081		0.117	0.104	0.094		0.125
AIC	18 326.7	18 491.7	21 370.3	18 301.8	18 565.3	18 676.9	21 370.3	18 501.2
BIC	18 737.1	18 514.8	21 780.8	18 718.0	18 975.7	18 700.0	21 780.8	18 917.4
ICC	0.1	0.1		0.1	0.1	0.1		0.1
RMSE	10.64	10.76	21.61	10.56	11.10	11.16	21.61	10.98

p.value, df.error
t, std.error
Estimate [95%ConfInterval]

Table 3.45: Catch Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	71.00	18496.96	18907.30	-9177.48	18354.96			
C2Path	72.00	18463.90	18880.03	-9159.95	18319.90	35.05	1	0.0000

Table 3.46: Transmit Covid C & C2 Path Anova

	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
CPath	71.00	18743.16	19153.50	-9300.58	18601.16			
C2Path	72.00	18669.84	19085.97	-9262.92	18525.84	75.31	1	0.0000