Hypothesis Models

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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, $se=2.37$
V.D. J. J. J. P.	p=0.00, df=2373.00 0.85[-2.12.3.83]	p=0.00, df=2392.00	p=0.00, df=2373.00	p=0.00, df=2372.00	p=0.00, df=2373.00 -0.04[-3.01.2.93]	p=0.00, df=2392.00	p=0.00, df=2373.00	p=0.00, df=2372.00
V_Producthardware supplies	0.85[-2.12,3.83] t=0.56, se=1.52		5.22[-0.02,10.45]+ t=1.95, se=2.67	-0.07[-2.96,2.82] t=-0.05, $se=1.47$	-0.04[-3.01,2.93] t=-0.02, $se=1.51$		5.22[-0.02,10.45]+ t=1.95, se=2.67	-1.02[-3.89,1.85] 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 p=0.00, df=2373.00		t=8.40, se=2.70 p=0.00, df=2373.00	t=4.80, $s=1.51p=0.00$, $df=2372.00$	t=4.90, $s=1.53p=0.00$, $df=2373.00$		t=8.40, $se=2.70p=0.00$, $df=2373.00$	t=2.31, $s==1.50p=0.02$, $df=2372.00$
V_RacenamefBlack	0.80[-2.16,3.75]		=0.00, df=2373.00 -1.05[-6.26,4.15]	p=0.00, df=2372.00 1.04[-1.83,3.91]	p=0.00, dr=2373.00 -0.76[-3.71,2.20]		p=0.00, df=2373.00 -1.05[-6.26,4.15]	p=0.02, df=2372.00 -0.48[-3.34,2.38]
T	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, $se=1.47$
V_RacenamefIndian	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 0.96[-4.30,6.22]	p=0.97, df=2372.00
v_RacenameIIndian	1.16[-1.82,4.15] t=0.76, $se=1.52$		0.96[-4.30, 6.22] t=0.36, $se=2.68$	1.03[-1.87,3.93] t=0.70, $se=1.48$	-1.40[-4.39,1.58] t=-0.92, $se=1.52$		0.96[-4.30, 6.22] t=0.36, $se=2.68$	-1.54[-4.42,1.35] 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 p=0.66, df=2373.00		t=0.03, se=1.14 p=0.98, df=2373.00	t=0.59, se=0.63 p=0.56, df=2372.00	t=0.16, se=0.65		t=0.03, se=1.14	t=0.33, se=0.63 p=0.74, df=2372.00
V_Locationnearby	p=0.06, df=2373.00 -0.41[-1.70.0.88]		p=0.98, di=2373.00 -1.00[-3.27,1.27]	p=0.56, df=2372.00 -0.18[-1.43,1.07]	p=0.88, df=2373.00 -0.62[-1.90,0.67]		p=0.98, df=2373.00 -1.00[-3.27,1.27]	p=0.74, dr=2372.00 -0.36[-1.60,0.89]
v -1.ocationnear by	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]* t=2.06, se=0.65		1.48[-0.76, 3.73] t=1.30, $se=1.14$	1.12[-0.12,2.35]+ t=1.77, $se=0.63$	0.97[-0.30,2.24] t=1.50, $se=0.65$		1.48[-0.76,3.73] t=1.30, $se=1.14$	0.74[-0.49,1.96] 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
V_ProductcigarettesV_RacenamefBlack	p=0.55, df=2373.00 -4.59[-8.94,-0.24]*		p=0.51, df=2373.00 -4.30[-11.92,3.32]	p=0.65, df=2372.00 -4.00[-8.23,0.22]+	p=0.88, df=2373.00 -2.77[-7.11,1.58]		p=0.51, df=2373.00 -4.30[-11.92,3.32]	p=0.99, df=2372.00 -2.16[-6.36,2.04]
v_1 roducicigarettes v_ttacenamerbiack	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, $s==2.22p=0.19$, $df=2373.00$		t=-1.10, se=3.89 p=0.27, df=2373.00	t=-1.03, se=2.16 p=0.30, df=2372.00	t=-0.59, $s==2.22p=0.56$, $df=2373.00$		t=-1.10, $se=3.89p=0.27$, $df=2373.00$	t=-0.26, $se=2.15p=0.79$, $df=2372.00$
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]
V_2 Total conjunction V_2 Tale commission in Co.	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, $se=2.23p=0.27$, $df=2373.00$		t=-1.00, $se=3.90p=0.32$, $df=2373.00$	t=-0.82, $se=2.16p=0.41$, $df=2372.00$	t=0.18, $se=2.23p=0.86$, $df=2373.00$		t=-1.00, $s==3.90p=0.32$, $df=2373.00$	t=0.54, se=2.15 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
CD (Intercent ID)	10.41	p=0.00, df=2392.00 17.68	20.22	p=0.00, df=2372.00 17.81	20.42	p=0.00, df=2392.00 18.47	20.22	p=0.00, df=2372.00 18.54
SD (Intercept ID)	19.41 t=, se=	17.68 t=, se=	20.33 t=, se=	17.81 t=. se=	20.42 t=, se=	18.47 t=, se=	20.33 t=, se=	18.54 t=, se=
	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= 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=	p=, ui=					
Num.Obs.	p=, df= 2396	2396	2396	2396	2396	2396	2396	2396
R2 Marg.	p=, df= 2396 0.021	2396 0.068	2396 0.073	2396 0.075	0.012	0.067	0.073	0.071
R2 Marg. R2 Cond.	p=, df= 2396 0.021 0.752	2396 0.068 0.731	2396 0.073 0.536	2396 0.075 0.745	0.012 0.769	0.067 0.754	0.073 0.536	0.071 0.761
R2 Marg. R2 Cond. AIC	p=, df= 2396 0.021 0.752 19 935.1	2396 0.068 0.731 19847.8	2396 0.073 0.536 22 170.9	2396 0.075 0.745 19748.7	0.012 0.769 19 986.0	0.067 0.754 19817.7	0.073 0.536 22 170.9	0.071 0.761 19767.8
R2 Marg. R2 Cond.	p=, df= 2396 0.021 0.752	2396 0.068 0.731	2396 0.073 0.536	2396 0.075 0.745	0.012 0.769	0.067 0.754	0.073 0.536	0.071 0.761

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	28.64[27.04,30.24]*** t=35.10, se=0.82	14.29[6.62,21.97]*** t=3.65, se=3.91	21.35[16.92,25.78]*** t=9.45, se=2.26	27.34[22.85,31.84]*** t=11.93, se=2.29	28.02[26.37,29.67]*** t=33.29, se=0.84	15.22[7.67,22.78]*** t=3.95, se=3.85	24.40[20.08,28.73]*** t=11.06, se=2.21
$V_ProductMorMorallyQuestionable$	p=0.00, df=2383.00 6.67[4.54,8.81]***	p=0.00, df=2392.00	p=0.00, df=2383.00 18.98[15.28,22.68]***	p=0.00, df=2382.00 3.48[1.36,5.60]**	p=0.00, df=2385.00 4.79[2.68,6.90]***	p=0.00, df=2392.00	p=0.00, df=2385.00 19.01[15.31,22.71]***	p=0.00, $df=2384.001.36[-0.72,3.45]$
	t=6.13, se=1.09 p=0.00, df=2383.00		t=10.05, se=1.89 p=0.00, df=2383.00	t=3.22, se=1.08 p=0.00, df=2382.00	t=4.45, se=1.08 p=0.00, df=2385.00		t=10.07, se=1.89 p=0.00, df=2385.00	t=1.28, se=1.06 p=0.20, df=2384.00
V_RacenamefBlack	0.59[-1.43,2.60] t=0.57, $se=1.03$		-1.35[-4.88, 2.18] t=-0.75, $se=1.80$	0.88[-1.08,2.84] t=0.88, $se=1.00$	-0.38[-2.37,1.62] t=-0.37, $se=1.02$		-1.38[-4.90,2.15] t=-0.76, se=1.80	-0.06[-1.99,1.87] t=-0.06, se=0.98
$\label{lambda} V _ Racename f Chinese$	p=0.57, df=2383.00 0.74[-1.33,2.81] t=0.70, se=1.05		p=0.45, df=2383.00 0.49[-3.12,4.10] t=0.27, se=1.84	p=0.38, df=2382.00 0.77[-1.24,2.78] t=0.75, se=1.02	p=0.71, $df=2385.00-0.16[-2.20,1.89]t=-0.15$, $se=1.04$		p=0.44, df=2385.00 0.51[-3.10,4.12] t=0.28, se=1.84	p=0.95, df=2384.00 -0.14[-2.12,1.84] t=-0.14, se=1.01
$V _Racename fIndian$	p=0.48, df=2383.00 1.54[-0.51,3.59] t=1.47, se=1.05		p=0.79, df=2383.00 2.17[-1.41,5.75] t=1.19, se=1.83	p=0.46, df=2382.00 1.19[-0.81,3.18] t=1.17, se=1.02	p=0.88, $df=2385.00-0.76[-2.79,1.27]t=-0.74$, $se=1.04$		p=0.78, df=2385.00 2.17[-1.41,5.75] t=1.19, se=1.83	p=0.89, df=2384.00 -1.14[-3.10,0.83] t=-1.14, se=1.00
V_Age	p=0.14, df=2383.00 0.15[0.05,0.25]** t=3.07, se=0.05		p=0.23, df=2383.00 0.09[-0.08,0.26] t=1.09, se=0.09	p=0.24, df=2382.00 0.14[0.04,0.23]** t=2.84, se=0.05	p=0.46, $df=2385.000.11[0.01,0.21]*t=2.23$, $se=0.05$		p=0.23, df=2385.00 0.09[-0.07,0.26] t=1.09, se=0.09	p=0.26, df=2384.00 0.09[0.00,0.19]* t=1.97, se=0.05
$V_StoreType department store$	p=0.00, $df=2383.001.18[-0.11,2.47]+t=1.79$, $se=0.66$		p=0.28, df=2383.00 1.29[-0.96,3.54] t=1.12, se=1.15	p=0.00, df=2382.00 0.98[-0.27,2.24] t=1.53, se=0.64	p=0.03, df=2385.00		p=0.27, df=2385.00	p=0.05, df=2384.00
$V _StoreType supermarket$	p=0.07, df=2383.00 1.39[0.10,2.68]* t=2.11, se=0.66		p=0.26, df=2383.00 1.58[-0.67,3.83] t=1.38, se=1.15	p=0.13, df=2382.00 1.15[-0.10,2.41]+ t=1.80, se=0.64				
$\label{local_var_product} V_ProductMorMorallyQuestionable V_Racename fBlack$	p=0.03, df=2383.00 -2.53[-5.62,0.56] t=-1.60, se=1.58		p=0.17, df=2383.00 -3.11[-8.47,2.24] t=-1.14, se=2.73	p=0.07, df=2382.00 -2.10[-5.11,0.91] t=-1.37, se=1.53	-1.81[-4.87,1.25] t=-1.16, se=1.56		-3.09[-8.45,2.26] t=-1.13, se=2.73	-1.36[-4.32,1.60] t=-0.90, se=1.51
$\label{lem:v_ProductMorMorallyQuestionableV_RacenamefChinese} \noindent \mbox{V_ProductMorMorallyQuestionableV_RacenamefChinese} \noindent \noindent \mbox{V_ProductMorMorallyQuestionableV_RacenamefChinese} \noindent \noindent \noindent \mbox{V_ProductMorMorallyQuestionableV_RacenamefChinese} \noindent \noi$	p=0.11, $df=2383.00-3.46[-6.60, -0.32]*t=-2.16$, $se=1.60$		p=0.25, df=2383.00 -7.52[-12.95, -2.10]** t=-2.72, se=2.77	p=0.17, df=2382.00 -2.37[-5.42,0.69] t=-1.52, se=1.56	p=0.25, df=2385.00 -1.60[-4.71,1.51] t=-1.01, se=1.59		p=0.26, df=2385.00 $-7.62[-13.04, -2.20]^{**}$ t=-2.76, se=2.76	p=0.37, df=2384.00 -0.41[-3.42,2.60] t=-0.27, se=1.53
$\label{lem:v_ProductMorMorallyQuestionableV_RacenamefIndian} \end{substitute} V_ProductMorMorallyQuestionableV_RacenamefIndian$	p=0.03, $df=2383.00-4.10[-7.27,-0.92]*t=-2.53$, $se=1.62$		p=0.01, df=2383.00 -6.12[-11.60,-0.64]* t=-2.19, se=2.79	p=0.13, df=2382.00 -3.08[-6.17,0.01]+ t=-1.96, se=1.58	p=0.31, $df=2385.00-1.59[-4.73,1.56]t=-0.99$, $se=1.60$		p=0.01, df=2385.00 -6.14[-11.61,-0.67]* t=-2.20, se=2.79	p=0.79, df=2384.00 -0.50[-3.54,2.54] t=-0.32, se=1.55
MorallyWrong	p=0.01, df=2383.00	0.19[0.17,0.21]*** t=16.90, se=0.01	p=0.03, df=2383.00	p=0.05, $df=2382.000.17[0.15,0.20]^{***}t=14.34$, $se=0.01$	p=0.32, df=2385.00	0.19[0.17,0.21]*** t=17.40, se=0.01	p=0.03, df=2385.00	p=0.75, $df=2384.000.19[0.16,0.21]^{***}t=15.49$, $se=0.01$
SD (Intercept ID)	19.39	p=0.00, df=2392.00 17.68	20.32	p=0.00, df=2382.00 17.78	20.41	p=0.00, df=2392.00 18.47	20.33	p=0.00, df=2384.00 18.53
SD (Observations)	t=, se= p=, df= 11.51 t=, se=	t=, se= p=, df= 11.27 t=, se=	t=, se= p=, df= 20.46 t=, se=	t=, se= p=, df= 11.21 t=, se=	t=, se= p=, df= 11.38 t=, se=	t=, se= p=, df= 11.04 t=, se=	t=, se= p=, df= 20.45 t=, se=	t=, se= p=, df= 11.02 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	0.007	0.067	0.066	0.065
R2 Cond. AIC	0.742 20 020.0	0.731 19 847.8	0.530 22 214.8	0.734	0.765	0.754 19.817.7	0.530 22 216.9	0.756
				19 834.5	20 032.1			19815.6
BIC ICC	20 095.2 0.7	19 870.9 0.7	22 290.0 0.5	19915.5 0.7	20 095.7 0.8	19 840.8 0.7	22 280.5 0.5	19 885.0 0.7
RMSE	10.08	9.91	0.5 18.26	9.82	0.8 9.95	9.69	0.5 18.26	9.65
KMSE	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	$\log Lik$	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]
Lactionically	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]
v 25tore rypedepartmentstore	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]
v 25tore rypesupermarket	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_ProductMorMorallvOuestionableV_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]
v 1 roductiviorisiorany Questionable v 1 (acenameribiack	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_ProductMorMorallyOuestionableV_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]
v_ProductMorMorallyQuestionablev_RacenametCninese	-3.41[-6.56, -0.25] t=-2.12, se=1.61		t=-2.65, se=2.78	-2.30[-5.42,0.71] t=-1.51, se=1.56	-1.41[-4.53,1.72] t=-0.88, se=1.59		t=-2.65, se=2.78	-0.28[-3.30,2.74] t=-0.18, se=1.54
					p=0.38, df=2381.00			p=0.86, df=2380.00
VD 1 37 17 11 0 0 11 11 VD 7 11	p=0.03, df=2381.00 -4.10[-7.28,-0.92]*		p=0.01, df=2381.00	p=0.13, df=2380.00 -3.11[-6.21,-0.02]*	p=0.38, df=2381.00 -1.49[-4.64.1.67]		p=0.01, df=2381.00	p=0.86, dt=2380.00 -0.43[-3.48.2.62]
V_ProductMorMorallyQuestionableV_RacenamefIndian			-6.02[-11.50,-0.54]*	-3.11[-6.21,-0.02]* t=-1.97, se=1.58	-1.49[-4.64,1.67] t=-0.92, $se=1.61$		-6.02[-11.50,-0.54]*	-0.43[-3.48,2.62] t=-0.28, se=1.55
	t=-2.52, se=1.62		t=-2.15, se=2.80				t=-2.15, se=2.80	
	p=0.01, df=2381.00	0.19[0.17.0.21]***	p=0.03, df=2381.00	p=0.05, df=2380.00 0.17[0.15.0.20]***	p=0.36, df=2381.00	0.19[0.17.0.21]***	p=0.03, df=2381.00	p=0.78, df=2380.00 0.18[0.16.0.21]***
MorallyWrong								
		t=16.90, se=0.01		t=14.33, se=0.01		t=17.40, se=0.01		t=15.45, se=0.01
on (t m)	19.38	p=0.00, df=2392.00 17.68	20.32	p=0.00, df=2380.00 17.77	20.41	p=0.00, df=2392.00 18.47	20.32	p=0.00, df=2380.00 18.54
SD (Intercept ID)								
	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	19835.7	20 032.5	19 817.7	22 214.1	19817.1
BIC	20 107.9	19 870.9	22 300.8	19928.2	20119.3	19 840.8	22 300.8	19909.6
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]	2.50[1.97,3.04]***	-6.62[-10.60, -2.65]**	-0.06[-2.74, 2.63]	4.01[1.23,6.79]**	3.16[2.55,3.78]***	-6.62[-10.60, -2.65]**	3.91[1.12,6.69]**
	t=0.06, $se=1.37$	t=9.15, se=0.27	t=-3.27, $se=2.03$	t=-0.04, $se=1.37$	t=2.83, $se=1.42$	t=10.08, $se=0.31$	t=-3.27, $se=2.03$	t=2.75, $se=1.42$
	p=0.95, df=4769.00	p=0.00, df=4788.00	p=0.00, df=4769.00	p=0.97, df=4768.00	p=0.00, df=4769.00	p=0.00, df=4788.00	p=0.00, df=4769.00	p=0.01, df=4768.00
V_Productcigarettes	1.47[-0.27, 3.20]+		-0.09[-2.67, 2.49]	1.47[-0.27, 3.20]+	0.11[-1.68,1.90]		-0.09[-2.67,2.49]	0.11[-1.69, 1.90]
	t=1.66, se=0.88		t=-0.07, se=1.32	t=1.66, se=0.88	t=0.12, se=0.91		t=-0.07, se=1.32	t=0.11, se=0.91
V_Producthardwaresupplies	p=0.10, df=4769.00		p=0.95, df=4769.00	p=0.10, df=4768.00	p=0.91, df=4769.00		p=0.95, df=4769.00	p=0.91, df=4768.00
v_r roductnardwaresuppnes	-0.26[-1.97,1.46] t=-0.29, $se=0.88$		1.49[-1.07, 4.04] t=1.14, $se=1.30$	-0.22[-1.93,1.50] t=-0.25, $se=0.88$	-0.46[-2.24,1.31] t=-0.51, se=0.90		1.49[-1.07, 4.04] t=1.14, $se=1.30$	-0.43[-2.21,1.34] t=-0.48, se=0.90
	p=0.77, df=4769.00		p=0.25, df=4769.00	p=0.80, df=4768.00	p=0.61, df=4769.00		p=0.25, df=4769.00	p=0.63, df=4768.00
V_Producttoiletpaper	-0.18[-1.89,1.52]		0.03[-2.50.2.56]	-0.18[-1.89,1.52]	-1.18[-2.94,0.58]		0.03[-2.50,2.56]	-1.18[-2.94,0.58]
1 2 Todaceoncepaper	t=-0.21, se=0.87		t=0.02, se=1.29	t=-0.21, se=0.87	t=-1.32, se=0.90		t=0.02, se=1.29	t=-1.32, se=0.90
	p=0.83, df=4769.00		p=0.98, df=4769.00	p=0.83, df=4768.00	p=0.19, df=4769.00		p=0.98, df=4769.00	p=0.19, df=4768.00
V_RacenamefBlack	0.54[-1.17, 2.25]		0.51[-2.03, 3.05]	0.56[-1.15, 2.26]	-0.76[-2.52,1.01]		0.51[-2.03, 3.05]	-0.74[-2.51,1.02]
	t=0.62, se=0.87		t=0.39, $se=1.30$	t=0.64, $se=0.87$	t=-0.84, $se=0.90$		t=0.39, $se=1.30$	t=-0.83, $se=0.90$
	p=0.54, df=4769.00		p=0.69, df=4769.00	p=0.52, df=4768.00	p=0.40, df=4769.00		p=0.69, df=4769.00	p=0.41, df=4768.00
/_RacenamefChinese	-0.64[-2.36,1.08]		0.42[-2.14, 2.97]	-0.63[-2.35,1.09]	-1.28[-3.06, 0.49]		0.42[-2.14, 2.97]	-1.28[-3.06, 0.50]
	t=-0.73, $se=0.88$		t=0.32, $se=1.30$	t=-0.72, $se=0.88$	t=-1.42, $se=0.91$		t=0.32, $se=1.30$	t=-1.41, $se=0.91$
	p=0.46, df=4769.00		p=0.75, df=4769.00	p=0.47, df=4768.00	p=0.16, df=4769.00		p=0.75, df=4769.00	p=0.16, df=4768.00
V_RacenamefIndian	-0.34[-2.06, 1.39]		-0.83[-3.40,1.73]	-0.35[-2.08,1.37]	-2.44[-4.22, -0.65]**		-0.83[-3.40,1.73]	-2.45[-4.23, -0.66]**
	t=-0.38, $se=0.88$		t=-0.64, $se=1.31$	t=-0.40, $se=0.88$	t=-2.68, $se=0.91$		t=-0.64, $se=1.31$	t=-2.69, $se=0.91$
	p=0.70, df=4769.00		p=0.52, df=4769.00	p=0.69, df=4768.00	p=0.01, df=4769.00		p=0.52, df=4769.00	p=0.01, df=4768.00
V_Age	0.06[0.01, 0.12]*		0.07[-0.01, 0.15]	0.06[0.01, 0.12]*	0.01[-0.05, 0.07]		0.07[-0.01, 0.15]	0.01[-0.05, 0.07]
	t=2.18, se=0.03		t=1.64, se=0.04	t=2.23, $se=0.03$	t=0.38, $se=0.03$		t=1.64, se=0.04	t=0.41, se=0.03
UT at the same	p=0.03, df=4769.00		p=0.10, df=4769.00	p=0.03, df=4768.00	p=0.71, df=4769.00		p=0.10, df=4769.00	p=0.68, df=4768.00
V_Locationinthecity	-0.01[-0.75,0.72]		-0.15[-1.24,0.95]	-0.02[-0.75,0.72]	-0.06[-0.82,0.70]		-0.15[-1.24,0.95]	-0.06[-0.82,0.70]
	t=-0.04, se=0.38		t=-0.26, se=0.56	t=-0.05, se=0.38	t=-0.15, se=0.39		t=-0.26, se=0.56	t=-0.15, se=0.39
	p=0.97, df=4769.00		p=0.79, df=4769.00	p=0.96, df=4768.00	p=0.88, df=4769.00		p=0.79, df=4769.00	p=0.88, df=4768.00
V.Locationnearby	0.14[-0.60,0.89] t=0.38, $se=0.38$		0.86[-0.25,1.98] t=1.52, $se=0.57$	0.16[-0.58,0.91] t=0.43, $se=0.38$	-0.05[-0.82,0.72] t=-0.12, se=0.39		0.86[-0.25,1.98] t=1.52, $se=0.57$	-0.03[-0.80,0.74] t=-0.09, $se=0.39$
	t=0.38, se=0.38 p=0.70, df=4769.00		t=1.52, se=0.57 p=0.13, df=4769.00	t=0.43, se=0.38 p=0.67, df=4768.00	t=-0.12, se=0.39 p=0.90, df=4769.00		t=1.52, se=0.57 p=0.13, df=4769.00	t=-0.09, se=0.39 p=0.93, df=4768.00
V_StoreTypedepartmentstore	0.03[-0.70,0.77]		0.74[-0.36,1.84]	0.05[-0.69,0.78]	-0.55[-1.32,0.21]		0.74[-0.36,1.84]	-0.55[-1.31,0.21]
v_store1ypedepartmentstore	t=0.09, se=0.38		t=1.32, se=0.56	t=0.12, se=0.38	t=-1.43, se=0.39		t=1.32, se=0.56	t=-1.41, se=0.39
	p=0.93, df=4769.00		p=0.19, df=4769.00	p=0.90, df=4768.00	p=0.15, df=4769.00		p=0.19, df=4769.00	p=0.16, df=4768.00
V_StoreTypesupermarket	0.13[-0.61,0.87]		0.77[-0.33,1.86]	0.15[-0.59,0.89]	-0.17[-0.93,0.59]		0.77[-0.33,1.86]	-0.15[-0.91,0.61]
v 25tore ry pesupermarket	t=0.35, se=0.38		t=1.37, se=0.56	t=0.40, se=0.38	t=-0.43, se=0.39		t=1.37, se=0.56	t=-0.40, se=0.39
	p=0.73, df=4769.00		p=0.17, df=4769.00	p=0.69, df=4768.00	p=0.67, df=4769.00		p=0.17, df=4769.00	p=0.69, df=4768.00
V_ProductcigarettesV_RacenamefBlack	-1.72[-4.21,0.78]		-2.77[-6.45,0.92]	-1.78[-4.27,0.71]	-0.06[-2.64,2.52]		-2.77[-6.45,0.92]	-0.10[-2.68,2.48]
	t=-1.35, $se=1.27$		t=-1.47, se=1.88	t=-1.40, $se=1.27$	t=-0.05, $se=1.32$		t=-1.47, se=1.88	t=-0.08, $se=1.32$
	p=0.18, df=4769.00		p=0.14, df=4769.00	p=0.16, df=4768.00	p=0.96, df=4769.00		p=0.14, df=4769.00	p=0.94, df=4768.00
V_ProducthardwaresuppliesV_RacenamefBlack	-0.62[-3.11,1.88]		-0.27[-3.95, 3.41]	-0.64[-3.14,1.86]	0.28[-2.30,2.87]		-0.27[-3.95, 3.41]	0.26[-2.32,2.85]
	t=-0.48, $se=1.27$		t=-0.14, $se=1.88$	t=-0.50, $se=1.27$	t=0.21, se=1.32		t=-0.14, $se=1.88$	t=0.20, $se=1.32$
	p=0.63, df=4769.00		p=0.88, df=4769.00	p=0.61, df=4768.00	p=0.83, df=4769.00		p=0.88, df=4769.00	p=0.84, df=4768.00
V_ProducttoiletpaperV_RacenamefBlack	-0.13[-2.62, 2.36]		-0.37[-4.05, 3.31]	-0.14[-2.63, 2.35]	1.24[-1.35, 3.82]		-0.37[-4.05, 3.31]	1.23[-1.36, 3.81]
• •	t=-0.10, $se=1.27$		t=-0.20, $se=1.88$	t=-0.11, $se=1.27$	t=0.94, $se=1.32$		t=-0.20, $se=1.88$	t=0.93, $se=1.32$
	p=0.92, df=4769.00		p=0.84, df=4769.00	p=0.91, df=4768.00	p=0.35, df=4769.00		p=0.84, df=4769.00	p=0.35, df=4768.00
V_ProductcigarettesV_RacenamefChinese	-1.29[-3.79,1.21]		-1.00[-4.68, 2.69]	-1.31[-3.81,1.19]	-0.11[-2.69, 2.48]		-1.00[-4.68, 2.69]	-0.12[-2.71, 2.47]
	t=-1.01, $se=1.28$		t=-0.53, $se=1.88$	t=-1.03, $se=1.27$	t=-0.08, $se=1.32$		t=-0.53, $se=1.88$	t=-0.09, $se=1.32$
	p=0.31, df=4769.00		p=0.60, df=4769.00	p=0.30, df=4768.00	p=0.94, df=4769.00		p=0.60, df=4769.00	p=0.93, df=4768.00
V_ProducthardwaresuppliesV_RacenamefChinese	0.16[-2.35, 2.68]		0.00[-3.72, 3.71]	0.16[-2.36, 2.67]	-0.16[-2.76, 2.45]		0.00[-3.72, 3.71]	-0.16[-2.77, 2.44]
	t=0.13, $se=1.28$		t=0.00, $se=1.89$	t=0.12, $se=1.28$	t=-0.12, $se=1.33$		t=0.00, $se=1.89$	t=-0.12, $se=1.33$
	$p{=}0.90,df{=}4769.00$		p=1.00, df=4769.00	p=0.90, df=4768.00	p=0.91, df=4769.00		p=1.00, df=4769.00	p=0.90, df=4768.00
$V_ProducttoiletpaperV_RacenamefChinese$	0.18[-2.31, 2.68]		-1.63[-5.30,2.04]	0.15[-2.34, 2.65]	1.23[-1.35, 3.82]		-1.63[-5.30,2.04]	1.22[-1.37, 3.80]
	t=0.14, se=1.27		t=-0.87, se=1.87	t=0.12, se=1.27	t=0.94, se=1.32		t=-0.87, se=1.87	t=0.92, se=1.32
V_ProductcigarettesV_RacenamefIndian	p=0.89, df=4769.00 -1.47[-4.00,1.06]		p=0.38, df=4769.00 2.90[-0.83.6.63]	p=0.90, df=4768.00 -1.41[-3.94.1.12]	p=0.35, df=4769.00 0.99[-1.63.3.61]		p=0.38, df=4769.00 2.90[-0.83.6.63]	p=0.36, df=4768.00 1.03[-1.59,3.65]
V_ProductcigarettesV_RacenametIndian								
	t=-1.14, se=1.29 p=0.25, df=4769.00		t=1.52, se=1.90 p=0.13, df=4769.00	t=-1.09, $se=1.29p=0.27$, $df=4768.00$	t=0.74, se=1.34 p=0.46, df=4769.00		t=1.52, se=1.90 p=0.13, df=4769.00	t=0.77, se=1.34 p=0.44, df=4768.00
V_ProducthardwaresuppliesV_RacenamefIndian	p=0.25, dr=4769.00 1.31[-1.17,3.79]		p=0.13, dr=4769.00 1.30[-2.36,4.97]	p=0.27, df=4768.00 1.32[-1.16,3.80]	p=0.46, df=4769.00 1.97[-0.60,4.54]		p=0.13, df=4769.00 1.30[-2.36,4.97]	p=0.44, df=4768.00 1.98[-0.59,4.54]
· _ roducematuwaresuppnes v _reacenamemidian	t=1.03, se=1.26		t=0.70, se=1.87	t=1.04, se=1.26	t=1.50, se=1.31		t=0.70, se=1.87	t=1.51, se=1.31
	p=0.30, df=4769.00		p=0.49, df=4769.00	p=0.30, df=4768.00	p=0.13, df=4769.00		p=0.49, df=4769.00	p=0.13, df=4768.00
V_ProducttoiletpaperV_RacenamefIndian	-0.47[-2.97,2.03]		1.34[-2.35,5.02]	-0.44[-2.94,2.06]	3.11[0.52,5.70]*		1.34[-2.35,5.02]	3.13[0.54,5.72]*
· = roduceroacepaper v =tracenamennulan	t=-0.47[-2.97,2.03] t=-0.37, se=1.27		t=0.71, se=1.88	t=-0.44[-2.94,2.06] t=-0.35, $se=1.27$	t=2.35, se=1.32		t=0.71, se=1.88	t=2.37, se=1.32
			p=0.48, df=4769.00	p=0.73, df=4768.00	p=0.02, df=4769.00		p=0.48, df=4769.00	p=0.02, df=4768.00
	p=0.71 df=4769.00				p 0.02, 0. 1.00.00	-0.01[-0.03, 0.01]	p 0.10, a1 1100100	-0.01[-0.03,0.01]
MWOther_Self	p=0.71, df=4769.00	-0.02[-0.04.0.00]*		-0.02[-0.04,0.00]*				
MWOther_Self	p=0.71, df=4769.00	-0.02[-0.04,0.00]* t=-2.06, se=0.01						
MWOther_Self	p=0.71, df=4769.00	t=-2.06, $se=0.01$		t=-2.13, $se=0.01$		t=-1.44, $se=0.01$		t=-1.44, $se=0.01$
	p=0.71, df=4769.00 5.74		5.71		6.84		5.71	
		t=-2.06, se=0.01 p=0.04, df=4788.00	5.71 t=, se=	t=-2.13, se=0.01 p=0.03, df=4768.00	6.84 t=, se=	t=-1.44, se=0.01 p=0.15, df=4788.00	5.71 t=, se=	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83
MWOther_Self SD (Intercept ID)	5.74	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75		t=-2.13, $se=0.01p=0.03$, $df=4768.005.75$		t=-1.44, se=0.01 p=0.15, df=4788.00 6.83		t=-1.44, se=0.01 p=0.15, df=4768.00
	5.74 t=, se=	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se=	t=, se=	t=-2.13, se=0.01 p=0.03, df=4768.00 5.75 t=, se=	t=, se=	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se=	t=, se=	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se=
SD (Intercept ID)	5.74 t=, se= p=, df= 9.54 t=, se=	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se= p=, df=	t=, se= p=, df=	t=-2.13, se=0.01 p=0.03, df=4768.00 5.75 t=, se= p=, df= 9.53 t=, se=	t=, se= p=, df=	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df=	t=, se= p=, df=	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se=
SD (Intercept ID)	5.74 t=, se= p=, df= 9.54 t=, se=	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se= p=, df= 9.53	t=, se= p=, df= 14.66 t=, se=	t=-2.13, se=0.01 p=0.03, df=4768.00 5.75 t=, se= p=, df= 9.53 t=, se=	t=, se= p=, df= 9.75	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se=	t=, se= p=, df= 14.66 t=, se=	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se=
SD (Intercept ID) SD (Observations)	5.74 t=, se= p=, df= 9.54 t=, se= p=, df=	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se= p=, df= 9.53 t=, se= p=, df=	t=, se= p=, df= 14.66 t=, se= p=, df=	$\begin{array}{c} t\!=\!-2.13,s\!=\!0.01\\ p\!=\!0.03,df\!=\!4768.00\\ 5.75\\ t\!=\!,s\!e\!=\\ p\!=\!,df\!=\\ 9.53\\ t\!=\!,s\!e\!=\\ p\!=\!,df\!=\\ \end{array}$	t=, se= p=, df= 9.75 t=, se= p=, df=	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df=	t=, se= p=, df= 14.66 t=, se= p=, df=	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df=
SD (Intercept ID) SD (Observations) Num.Obs.	5.74 t=, se= p=, df= 9.54 t=, se= p=, df= 4792	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se= p=, df= 9.53 t=, se= p=, df= 4792	t=, se= p=, df= 14.66 t=, se= p=, df= 4792	t=-2.13, se=0.01 p=0.03, df=4768.00 5.75 t=, se= p=, df= 9.53 t=, se= p=, df= 4792	t=, se= p=, df= 9.75 t=, se= p=, df=	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792	t=, se= p=, df= 14.66 t=, se= p=, df= 4792	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792
SD (Intercept ID) SD (Observations) Num.Obs. R2 Marg.	5.74 t=, se= p=, df= 9.54 t=, se= p=, df= 4792 0.004	t=-2.06, se=0.01 p=0.04, df=4788.00 5.75 t=, se= p=, df= 9.53 t=, se= p=, df= 4792 0.001	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008	t=-2.13, se=0.01 p=0.03, df=4768.00 5.75 t=, se= p=, df= 9.53 t=, se= p=, df= 4792 0.005	t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.000	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003
SD (Intercept ID) SD (Observations) Num.Obs. R2 Marg. R2 Cond.	5.74 t=, se= p=, df= 9.54 t=, se= p=, df= 4792 0.004 0.269	t=-2.06, $se=-0.01p=0.04$, $df=4788.005.75t=$, $se=p=$, $df=9.53t=$, $se=p=$, $df=47920.0010.267$	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=-2.13, $se=0.01p=0.03$, $df=4768.005.75t=$, $se=p=$, $df=9.53t=$, $se=p=$, $df=47920.0050.271$	t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003 0.331	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.000 0.329	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003 0.331
SD (Intercept ID) SD (Observations) Num Obs. Rg Marg. R2 Cond. AIC	5.74 t=, se= p=, df= 9.54 t=, se= p=, df= 4792 0.004 0.269 30043.5	$ \begin{aligned} & t \! = \! -2.06, se \! = \! 0.01 \\ & p \! = \! 0.04, df \! = \! 4788.00 \\ & 5.75 \\ & 5.75 \\ & t \! = \! , se \! = \\ & p \! = \! , df \! = \\ & p \! = \! , se \! = \\ & p \! = \! , df \! = \\ & p \! = \! , df \! = \\ & p \! = \! , df \! = \\ & 4792 \\ & 0.001 \\ & 0.267 \\ & 30039.5 \end{aligned} $	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139 39 811.7	$ \begin{aligned} & t \! = \! -2.13, se \! = \! 0.01 \\ & p \! = \! 0.03, d \! \! = \! 4768.00 \\ & 5.75 \\ & t \! = \! , se \! = \\ & p \! = \! , df \! = \\ & 9.53 \\ & t \! = \! , se \! = \\ & p \! = \! , df \! = \\ & 4792 \\ & 0.005 \\ & 0.271 \\ & 36048.4 \end{aligned} $	t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003 0.331 36400.1	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.000 0.329 33 396.0	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139 39811.7	$ \begin{aligned} & t\!=\!-1.44, s\!=\!6.01 \\ & p\!=\!0.15, df\!=\!4768.00 \\ & 6.83 \\ & t\!=\!, s\!e\!=\! \\ & p\!=\!, df\!=\! \\ & 9.75 \\ & t\!=\!, s\!e\!=\! \\ & p\!=\!, df\!=\! \\ & 4792 \\ & 0.003 \\ & 0.331 \\ & 36407.4 \end{aligned} $
SD (Intercept ID) SD (Observations) Num.Obs. R2 Marg. R2 Cond.	5.74 t=, se= p=, df= 9.54 t=, se= p=, df= 4792 0.004 0.269	t=-2.06, $se=-0.01p=0.04$, $df=4788.005.75t=$, $se=p=$, $df=9.53t=$, $se=p=$, $df=47920.0010.267$	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=-2.13, $se=0.01p=0.03$, $df=4768.005.75t=$, $se=p=$, $df=9.53t=$, $se=p=$, $df=47920.0050.271$	t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003 0.331	t=-1.44, se=0.01 p=0.15, df=4788.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.000 0.329	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=-1.44, se=0.01 p=0.15, df=4768.00 6.83 t=, se= p=, df= 9.75 t=, se= p=, df= 4792 0.003 0.331

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]	2.50[1.97,3.04]***	-5.90[-9.76,-2.04]**	0.04[-2.57, 2.64]	3.66[0.97,6.36]**	3.16[2.55,3.78]***	-5.90[-9.76,-2.04]**	3.57[0.87,6.27]**
	t=0.12, $se=1.33$	t=9.15, $se=0.27$	t=-3.00, $se=1.97$	t=0.03, $se=1.33$	t=2.66, $se=1.38$	t=10.08, $se=0.31$	t=-3.00, $se=1.97$	t=2.59, $se=1.38$
	p=0.90, df=4773.00	p=0.00, df=4788.00	p=0.00, df=4773.00	p=0.98, df=4772.00	p=0.01, df=4773.00	p=0.00, df=4788.00	p=0.00, df=4773.00	p=0.01, df=4772.00
/_Productcigarettes	1.47[-0.26, 3.20]+		-0.13[-2.71,2.45]	1.47[-0.26, 3.20]+	0.14[-1.65,1.93]		-0.13[-2.71,2.45]	0.14[-1.65,1.92]
	t=1.67, se=0.88		t=-0.10, $se=1.31$	t=1.67, se=0.88	t=0.15, se=0.91		t=-0.10, se=1.31	t=0.15, se=0.91
Producthardwaresupplies	p=0.10, df=4773.00		p=0.92, df=4773.00	p=0.10, df=4772.00	p=0.88, df=4773.00		p=0.92, df=4773.00	p=0.88, df=4772.00
_Producthardwaresupplies	-0.23[-1.95,1.48]		1.56[-0.99,4.11]	-0.19[-1.91,1.52]	-0.43[-2.20,1.34]		1.56[-0.99, 4.11] t=1.20, $se=1.30$	-0.40[-2.17,1.37]
	t=-0.27, se=0.87		t=1.20, se=1.30 p=0.23, df=4773.00	t=-0.22, se=0.87	t=-0.47, $se=0.90p=0.64$, $df=4773.00$		t=1.20, se=1.30 p=0.23, df=4773.00	t=-0.44, se=0.90 p=0.66, df=4772.00
/_Producttoiletpaper	p=0.79, df=4773.00 -0.20[-1.90,1.50]		p=0.23, df=4773.00 -0.09[-2.62,2.43]	p=0.83, df=4772.00 -0.20[-1.90,1.50]	p=0.64, df=4773.00 -1.14[-2.89,0.62]		p=0.23, df=4773.00 -0.09[-2.62,2.43]	p=0.66, dr=4772.00 -1.14[-2.90,0.61]
v_r roductionetpaper	t=-0.20[-1.90,1.30] t=-0.23, se=0.87		t=-0.07, se=1.29	t=-0.23, se=0.87	t=-1.14[-2.89,0.02] t=-1.27, se=0.90		t=-0.09[-2.02,2.43] t=-0.07, se=1.29	t=-1.14[-2.90,0.01] t=-1.28, se=0.90
	p=0.82, df=4773.00		p=0.94, df=4773.00	p=0.82, df=4772.00	p=0.20, df=4773.00		p=0.94, df=4773.00	p=0.20, df=4772.00
V_RacenamefBlack	0.52[-1.18,2.23]		0.40[-2.13,2.94]	0.54[-1.17,2.24]	-0.76[-2.52,1.00]		0.40[-2.13,2.94]	-0.75[-2.51,1.01]
v_Itacenamerbiack	t=0.60, se=0.87		t=0.31, se=1.29	t=0.62, se=0.87	t=-0.84, se=0.90		t=0.31, se=1.29	t=-0.83, se=0.90
	p=0.55, df=4773.00		p=0.76, df=4773.00	p=0.54, df=4772.00	p=0.40, df=4773.00		p=0.76, df=4773.00	p=0.41. df=4772.00
V_RacenamefChinese	-0.65[-2.37,1.07]		0.34[-2.21,2.90]	-0.64[-2.36,1.07]	-1.26[-3.04,0.51]		0.34[-2.21,2.90]	-1.26[-3.03,0.51]
v_racenamerCmmese	t=-0.74, se=0.88		t=0.26, se=1.30	t=-0.73, se=0.88	t=-1.40, se=0.91		t=0.26, se=1.30	t=-1.39, se=0.91
	p=0.46, df=4773.00		p=0.79, df=4773.00	p=0.46, df=4772.00	p=0.16, df=4773.00		p=0.79, df=4773.00	p=0.16, df=4772.00
V_RacenamefIndian	-0.33[-2.05.1.39]		-0.84[-3.41,1.72]	-0.34[-2.06,1.38]	-2.39[-4.17,-0.61]**		-0.84[-3.41,1.72]	-2.40[-4.18,-0.62]*
Concommodification	t=-0.35[-2.05,1.39] t=-0.37, se=0.88		t=-0.65, se=1.31	t=-0.34[-2.00,1.38] t=-0.39, se=0.88	t=-2.64, se=0.91		t=-0.64[-3.41,1.72] t=-0.65, se=1.31	t=-2.65, se=0.91
	p=0.71, df=4773.00		p=0.52, df=4773.00	p=0.70, df=4772.00	p=0.01, df=4773.00		p=0.52, df=4773.00	p=0.01, df=4772.00
V_Age	0.06[0.01,0.12]*		0.07[-0.01,0.15]+	0.06[0.01,0.12]*	0.01[-0.05,0.07]		0.07[-0.01,0.15]+	0.01[-0.04,0.07]
ange	t=2.19, se=0.03		t=1.67, se=0.04	t=2.25, se=0.03	t=0.41, se=0.03		t=1.67, se=0.04	t=0.45, se=0.03
	p=0.03, df=4773.00		p=0.09, df=4773.00	p=0.02, df=4772.00	p=0.68, df=4773.00		p=0.09, df=4773.00	p=0.66, df=4772.00
V_ProductcigarettesV_RacenamefBlack	-1.70[-4.19,0.79]		-2.63[-6.31,1.04]	-1.76[-4.25,0.73]	-0.07[-2.65,2.51]		-2.63[-6.31,1.04]	-0.11[-2.69,2.47]
- 21 roduced garceres + 21 decemments area	t=-1.34, se=1.27		t=-1.40, se=1.88	t=-1.39, se=1.27	t=-0.05, $se=1.31$		t=-1.40, se=1.88	t=-0.08, se=1.31
	p=0.18, df=4773.00		p=0.16, df=4773.00	p=0.17, df=4772.00	p=0.96, df=4773.00		p=0.16, df=4773.00	p=0.93, df=4772.00
V_ProducthardwaresuppliesV_RacenamefBlack	-0.63[-3.12.1.87]		-0.34[-4.01.3.34]	-0.65[-3.15.1.84]	0.30[-2.29.2.89]		-0.34[-4.01.3.34]	0.28[-2.31.2.86]
v_i roductilardwaresuppliesv_itacenamerbiack	t=-0.49, se=1.27		t=-0.18, se=1.88	t=-0.51, se=1.27	t=0.23, se=1.32		t=-0.18, se=1.88	t=0.21, se=1.32
	p=0.62, df=4773.00		p=0.86, df=4773.00	p=0.61, df=4772.00	p=0.82, df=4773.00		p=0.86, df=4773.00	p=0.83, df=4772.00
V_ProducttoiletpaperV_RacenamefBlack	-0.10[-2.58,2.39]		-0.19[-3.87,3.48]	-0.11[-2.59,2.38]	1.23[-1.34,3.81]		-0.19[-3.87,3.48]	1.23[-1.35,3.80]
v_1 roductionetpaper v_rtacenamerbiack	t=-0.08, se=1.27		t=-0.10, se=1.87	t=-0.08, se=1.27	t=0.94, se=1.31		t=-0.10, se=1.87	t=0.93, se=1.31
	p=0.94, df=4773.00		p=0.92, df=4773.00	p=0.93, df=4772.00	p=0.35, df=4773.00		p=0.92, df=4773.00	p=0.35, df=4772.00
V_ProductcigarettesV_RacenamefChinese	-1.30[-3.79,1.20]		-0.96[-4.64,2.71]	-1.31[-3.81,1.18]	-0.12[-2.70,2.46]		-0.96[-4.64,2.71]	-0.13[-2.71,2.45]
v 11 roducteigarestes v 11tacenamerenmese	t=-1.02, se=1.27		t=-0.51, se=1.88	t=-1.03, se=1.27	t=-0.09, se=1.32		t=-0.51, se=1.88	t=-0.10, se=1.32
	p=0.31, df=4773.00		p=0.61, df=4773.00	p=0.30, df=4772.00	p=0.93, df=4773.00		p=0.61, df=4773.00	p=0.92, df=4772.00
V_ProducthardwaresuppliesV_RacenamefChinese	0.15[-2.37,2.66]		-0.07[-3.78,3.64]	0.14[-2.37,2.65]	-0.17[-2.77,2.43]		-0.07[-3.78,3.64]	-0.17[-2.78,2.43]
v 21 Toduccinardwaresupplies v 21(acenamerCinnese	t=0.11, se=1.28		t=-0.04, se=1.89	t=0.11, se=1.28	t=-0.13, se=1.33		t=-0.04, se=1.89	t=-0.13, se=1.33
	p=0.91, df=4773.00		p=0.97, df=4773.00	p=0.91, df=4772.00	p=0.90, df=4773.00		p=0.97, df=4773.00	p=0.90, df=4772.00
V_ProducttoiletpaperV_RacenamefChinese	0.21[-2.28.2.69]		-1.46[-5.12,2.21]	0.18[-2.31,2.67]	1.21[-1.37,3.79]		-1.46[-5.12,2.21]	1.19[-1.39.3.77]
v 21 Toductionet paper v 21(acenamerCniniese	t=0.16, se=1.27		t=-0.78, se=1.87	t=0.14, se=1.27	t=0.92, se=1.32		t=-0.78, se=1.87	t=0.91, se=1.32
	p=0.87, df=4773.00		p=0.44, df=4773.00	p=0.89, df=4772.00	p=0.36, df=4773.00		p=0.44, df=4773.00	p=0.37, df=4772.00
V_ProductcigarettesV_RacenamefIndian	-1.48[-4.01,1.04]		2.92[-0.81,6.65]	-1.42[-3.95,1.10]	0.94[-1.68,3.55]		2.92[-0.81,6.65]	0.98[-1.64,3.59]
v 21 Toducicigarestes v 21tacenamerindian	t=-1.15, se=1.29		t=1.54, se=1.90	t=-1.10, se=1.29	t=0.70, se=1.33		t=1.54, se=1.90	t=0.73, se=1.33
	p=0.25, df=4773.00		p=0.12, df=4773.00	p=0.27, df=4772.00	p=0.48, df=4773.00		p=0.12, df=4773.00	p=0.46, df=4772.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.28[-1.20,3.75]		1.22[-2.44,4.88]	1.29[-1.19,3.77]	1.93[-0.63,4.50]		1.22[-2.44,4.88]	1.94[-0.62,4.50]
	t=1.01, se=1.26		t=0.65, se=1.87	t=1.02, se=1.26	t=1.48, se=1.31		t=0.65, se=1.87	t=1.48, se=1.31
	p=0.31, df=4773.00		p=0.51, df=4773.00	p=0.31, df=4772.00	p=0.14, df=4773.00		p=0.51, df=4773.00	p=0.14, df=4772.00
V_ProducttoiletpaperV_RacenamefIndian	-0.48[-2.97,2.02]		1.39[-2.29,5.07]	-0.44[-2.94,2.05]	3.06[0.48,5.64]*		1.39[-2.29,5.07]	3.08[0.50.5.67]*
	t=-0.37, $se=1.27$		t=0.74, se=1.88	t=-0.35, $se=1.27$	t=2.32. se=1.32		t=0.74, se=1.88	t=2.34, se=1.32
	p=0.71, df=4773.00		p=0.46, df=4773.00	p=0.73, df=4772.00	p=0.02, df=4773.00		p=0.46, df=4773.00	p=0.02, df=4772.00
MWOther_Self	p,	-0.02[-0.04.0.00]*	p 0.10, at 1.10.00	-0.02[-0.04,0.00]*	P 0.02, 32 2770100	-0.01[-0.03,0.01]	p 0.10, a. 11.000	-0.01[-0.03,0.01]
		t=-2.06, se=0.01		t=-2.11, se=0.01		t=-1.44, se=0.01		t=-1.45, se=0.01
		p=0.04, df=4788.00		p=0.03, df=4772.00		p=0.15, df=4788.00		p=0.15, df=4772.00
SD (Intercept ID)	5.74	5.75	5.70	5.75	6.84	6.83	5.70	6.83
	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)	9.53	9.53	14.67	9.53	9.75	9.75	14.67	9.75
· (· · · · · · · · · · · · · · · · · ·	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 Obe	4792	4792	4792	4792	4792	4792	4792	4792
Num.Obs. R2 Marg.	4792 0.004	4792 0.001	4792 0.007	4792 0.005	4792 0.003	4792 0.000	4792 0.007	4792 0.003
R2 Marg. R2 Cond.	0.004	0.001	0.007	0.005	0.003	0.000	0.007	0.003
R2 Cond. AIC	0.269 36 034.8	0.267 36 039.5	0.137 39.812.1	0.271 36 039.8	0.331 36 393.5	0.329 36396.0	0.137 39 812.1	0.331 36 400.8
AIC BIC	36 034.8 36 157.8	36 039.5 36 065.4	39 812.1 39 935.1	36 039.8 36 169.3		36 396.0 36 421.9	39 812.1 39 935.1	36 400.8 36 530.3
ICC	36 157.8 0.3	36 065.4 0.3	39 935.1 0.1	36 169.3 0.3	36 516.6 0.3	36 421.9 0.3	39 935.1 0.1	36 530.3 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	$\log Lik$	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]	2.50[1.97,3.04]***	-5.35[-8.99, -1.70]**	-0.09[-2.55, 2.36]	3.37[0.82,5.91]**	3.16[2.55,3.78]***	-5.35[-8.99, -1.70]**	3.29[0.74,5.84]*
	t=0.01, $se=1.25$	t=9.15, $se=0.27$	t=-2.88, $se=1.86$	t=-0.07, $se=1.25$	t=2.59, $se=1.30$	t=10.08, $se=0.31$	t=-2.88, $se=1.86$	t=2.53, $se=1.30$
	p=0.99, df=4781.00	p=0.00, df=4788.00	p=0.00, df=4781.00	p=0.94, df=4780.00	p=0.01, df=4781.00	p=0.00, df=4788.00	p=0.00, df=4781.00	p=0.01, df=4780.00
V_ProductMorMorallyQuestionable	0.72[-0.49,1.93]		-0.89[-2.69, 0.91]	0.70[-0.51,1.90]	-0.32[-1.57,0.93]		-0.89[-2.69,0.91]	-0.34[-1.58,0.91]
	t=1.17, $se=0.62$		t=-0.97, $se=0.92$	t=1.13, $se=0.62$	t=-0.50, $se=0.64$		t=-0.97, $se=0.92$	t=-0.53, $se=0.64$
	p=0.24, df=4781.00		p=0.33, df=4781.00	p=0.26, df=4780.00	p=0.62, df=4781.00		p=0.33, df=4781.00	p=0.60, df=4780.00
V_RacenamefBlack	0.21[-0.95,1.36]		0.23[-1.51,1.97]	0.21[-0.94, 1.37]	-0.61[-1.80,0.58]		0.23[-1.51,1.97]	-0.61[-1.80,0.58]
	t=0.35, $se=0.59$		t=0.26, $se=0.89$	t=0.36, $se=0.59$	t=-1.00, $se=0.61$		t=0.26, $se=0.89$	t=-1.00, $se=0.61$
	p=0.72, df=4781.00		p=0.80, df=4781.00	p=0.72, df=4780.00	p=0.32, df=4781.00		p=0.80, df=4781.00	p=0.32, df=4780.00
V_RacenamefChinese	-0.58[-1.76,0.60]		0.28[-1.50, 2.05]	-0.58[-1.76,0.60]	-1.35[-2.57, -0.13]*		0.28[-1.50, 2.05]	-1.35[-2.57, -0.13]
	t=-0.97, $se=0.60$		t=0.31, $se=0.90$	t=-0.97, $se=0.60$	t=-2.18, $se=0.62$		t=0.31, $se=0.90$	t=-2.18, $se=0.62$
	p=0.33, df=4781.00		p=0.76, df=4781.00	p=0.33, df=4780.00	p=0.03, df=4781.00		p=0.76, df=4781.00	p=0.03, df=4780.00
V_RacenamefIndian	0.33[-0.84,1.50]		-0.20[-1.96, 1.56]	0.33[-0.84, 1.50]	-1.40[-2.61, -0.19]*		-0.20[-1.96,1.56]	-1.41[-2.61, -0.20]
	t=0.56, se=0.60		t=-0.22, $se=0.90$	t=0.55, $se=0.60$	t=-2.28, $se=0.62$		t=-0.22, $se=0.90$	t=-2.29, $se=0.62$
	p=0.58, df=4781.00		p=0.82, df=4781.00	p=0.59, df=4780.00	p=0.02, df=4781.00		p=0.82, df=4781.00	p=0.02, df=4780.00
V_Age	0.06[0.01,0.12]*		0.08[-0.01, 0.16]+	0.06[0.01,0.12]*	0.01[-0.04, 0.07]		0.08[-0.01, 0.16]+	0.02[-0.04, 0.07]
	t=2.23, $se=0.03$		t=1.81, $se=0.04$	t=2.28, $se=0.03$	t=0.48, $se=0.03$		t=1.81, $se=0.04$	t=0.52, $se=0.03$
	p=0.03, df=4781.00		p=0.07, df=4781.00	p=0.02, df=4780.00	p=0.63, df=4781.00		p=0.07, df=4781.00	p=0.60, df=4780.00
V_ProductMorMorallyQuestionableV_RacenamefBlack	-0.54[-2.29.1.20]		-1.28[-3.87,1.30]	-0.57[-2.31,1.18]	0.46[-1.34.2.27]		-1.28[-3.87,1.30]	0.45[-1.36, 2.25]
	t=-0.61, $se=0.89$		t=-0.97, $se=1.32$	t=-0.64, $se=0.89$	t=0.50, se=0.92		t=-0.97, $se=1.32$	t=0.49, se=0.92
	p=0.54, df=4781.00		p=0.33, df=4781.00	p=0.52, df=4780.00	p=0.62, df=4781.00		p=0.33, df=4781.00	p=0.63, df=4780.00
V_ProductMorMorallyOuestionableV_RacenamefChinese	-0.56[-2.33,1.20]		-1.15[-3.75, 1.46]	-0.58[-2.35, 1.18]	0.67[-1.15, 2.50]		-1.15[-3.75.1.46]	0.66[-1.16.2.49]
	t=-0.63, $se=0.90$		t=-0.86, $se=1.33$	t=-0.65, $se=0.90$	t=0.72, se=0.93		t=-0.86, $se=1.33$	t=0.71, se=0.93
	p=0.53, df=4781.00		p=0.39, df=4781.00	p=0.52, df=4780.00	p=0.47, df=4781.00		p=0.39, df=4781.00	p=0.48, df=4780.00
V_ProductMorMorallvQuestionableV_RacenamefIndian	-1.62[-3.40.0.16]+		1.49[-1.13.4.11]	-1.58[-3.36.0.20]+	1.04[-0.81.2.88]		1.49[-1.13.4.11]	1.07[-0.78.2.91]
	t=-1.78, $se=0.91$		t=1.11, $se=1.34$	t=-1.74, $se=0.91$	t=1.10, se=0.94		t=1.11, $se=1.34$	t=1.13, se=0.94
	p=0.07, df=4781.00		p=0.27, df=4781.00	p=0.08, df=4780.00	p=0.27, df=4781.00		p=0.27, df=4781.00	p=0.26, df=4780.00
MWOther_Self		-0.02[-0.04.0.00]*	•	-0.02[-0.04.0.00]*		-0.01[-0.03.0.01]	•	-0.01[-0.03.0.01]
		t=-2.06, se=0.01		t=-2.08, se=0.01		t=-1.44, $se=0.01$		t=-1.44, $se=0.01$
		p=0.04, df=4788.00		p=0.04, df=4780.00		p=0.15, df=4788.00		p=0.15, df=4780.00
SD (Intercept ID)	5.73	5.75	5.71	5.74	6.84	6.83	5.71	6.83
	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)	9.53	9.53	14.68	9.53	9.75	9.75	14.68	9.75
	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.	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	39829.3	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	$\log Lik$	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]**	-2.66[-3.29, -2.04]***	-2.64[-3.27, -2.01]***	-2.60[-3.23,-1.96]***	-2.60[-3.23,-1.97]***	0.08[-2.60, 2.76]	4.01[1.23,6.79]**	-6.62[-10.60, -2.65]**	-6.48[-10.46, -2.50]**	-6.51[-10.49, -2.53]**	-6.49[-10.47, -2.51]**
	t3.27, se-2.03	t8.31, se-0.32	t8.22, se-0.32	t8.02, se-0.32	t8.04, se-0.32	t=0.06, se=1.37 p=0.95, df=4769.00	t=2.83, se=1.42 p=0.00, df=4769.00	t3.26, se-2.03 p-0.00, df-4768.00	t=-3.19, se=2.03 p=0.00, df=4768.00	t3.21, se-2.03	t=-3.20, se=2.03 p=0.00, df=4766.00
V_Producteigarettes	p=0.00, df=4769.00 -0.09[-2.67,2.49]	p=0.00, df=4788.00	p=0.00, df=4788.00	p=0.00, df=4787.00	p=0.00, df=4786.00	1.47[-0.27.3.20]+	0.11[-1.68,1.90]	-0.04[-2.62,2.54]	-0.09[-2.67,2.49]	p=0.00, df=4767.00 -0.06[-2.64,2.53]	-0.06[-2.64,2.52]
	t0.07, se-1.32					t-1.66, se-0.88	t=0.12, se=0.91	t=-0.03, se=1.32	t0.07, se-1.32	t0.04, se-1.32	t0.05, se-1.32
WW. L. S. L. D.	p=0.95, df=4769.00					p=0.10, df=4769.00	p=0.91, df=4769.00	p=0.97, df=4768.00	p=0.94, df=4768.00	p=0.97, df=4767.00	p=0.96, df=4766.00
V_Producthardwaresupplies	1.49[-1.07,4.04] t=1.14, se=1.30					-0.26[-1.97,1.46] t0.29, se-0.88	-0.46[-2.24,1.31] t=-0.51, se=0.90	1.48[-1.07,4.03] t-1.14, se-1.30	1.46[-1.09,4.02] t=1.13, se=1.30	1.46[-1.09,4.02] t=1.12, se=1.30	1.40[-1.15,3.96] t=1.08, se=1.30
	p=0.25, df=4769.00					p=0.77, df=4769.00	p=0.61, df=4769.00	p=0.26, df=4768.00	p=0.26, df=4768.00	p=0.26, df=4767.00	p=0.28, df=4766.00
V_Producttoiletpaper	0.03[-2.50, 2.56]					-0.18[-1.89, 1.52]	-1.18[-2.94, 0.58]	0.02[-2.51, 2.56]	-0.02[-2.55, 2.52]	-0.01[-2.54, 2.52]	-0.03[-2.56, 2.50]
	t=0.02, se=1.29					t=-0.21, se=0.87	t=-1.32, se=0.90	t=0.02, se=1.29	t=-0.01, se=1.29	t=-0.01, se=1.29	t=-0.02, se=1.29
V_RacenamefBlack	p=0.98, df=4769.00 0.51[-2.03.3.05]					p=0.83, df=4769.00 0.54[-1.17,2.25]	p=0.19, df=4769.00 -0.76[-2.52.1.01]	p=0.99, df=4768.00 0.53[-2.01.3.07]	p=0.99, df=4768.00 0.47[-2.07.3.01]	p=0.99, df=4767.00 0.50[-2.04,3.04]	p=0.98, df=4766.00 0.50[-2.04.3.04]
1 _LUC-HALLE LIFECT	t=0.39, se=1.30					t=0.62, se=0.87	t0.84, se-0.90	t=0.41, se=1.30	t=0.37, se=1.30	t=0.39, se=1.30	t=0.39, se=1.30
	p=0.69, df=4769.00					p=0.54, df=4769.00	p=0.40, df=4769.00	p=0.68, df=4768.00	p=0.71, df=4768.00	p=0.70, df=4767.00	p=0.70, df=4766.00
V_RacenamefChinese	0.42[-2.14, 2.97]					-0.64[-2.36,1.08]	-1.28[-3.06, 0.49]	0.39[-2.17, 2.95]	0.37[-2.19, 2.93]	0.36[-2.20, 2.92]	0.34[-2.22,2.90]
	t=0.32, se=1.30 p=0.75, df=4769.00					t=-0.73, se=0.88 p=0.46, df=4769.00	t=-1.42, se=0.91 p=0.16, df=4769.00	t=0.30, se=1.30 p=0.77, df=4768.00	t=0.28, se=1.30 p=0.78, df=4768.00	t=0.27, se=1.30 p=0.78, df=4767.00	t=0.26, se=1.30 p=0.80, df=4766.00
V_RacenamefIndian	-0.83[-3.40,1.73]					-0.34[-2.06,1.39]	-2.44[-4.22,-0.65]**	-0.85[-3.41,1.72]	-0.92[-3.49.1.65]	-0.91[-3.48,1.66]	-0.93[-3.50,1.63]
	t=-0.64, se=1.31					t0.38, se-0.88	t2.68, se-0.91	t0.65, se-1.31	t=-0.70, $se=1.31$	t0.69, se-1.31	t=-0.71, se=1.31
	p=0.52, df=4769.00					p=0.70, df=4769.00	p=0.01, df=4769.00	p=0.52, df=4768.00	p=0.48, df=4768.00	p=0.49, df=4767.00	p=0.48, df=4766.00
V_Age	0.07[-0.01,0.15] t=1.64, se=0.04					0.06[0.01,0.12]* t=2.18, se=0.03	0.01[-0.05,0.07] t=0.38, se=0.03	0.07[-0.01,0.15]+ t-1.69, se-0.04	0.07[-0.01,0.15]+ t=1.65, se=0.04	0.07[-0.01,0.15]+ t=1.69, se=0.04	0.07[-0.01,0.15]+ t=1.67, se=0.04
	p=0.10, df=4769.00					p=0.03, df=4769.00	p=0.71, df=4769.00	p=0.09, df=4768.00	p=0.10, df=4768.00	p=0.09, df=4767.00	p=0.09, df=4766.00
V_Locationinthecity	-0.15[-1.24,0.95]					-0.01[-0.75,0.72]	-0.06[-0.82,0.70]	-0.15[-1.25,0.95]	-0.15[-1.25,0.95]	-0.15[-1.25,0.94]	-0.13[-1.22,0.97]
	t=-0.26, se=0.56					t0.04, se-0.38	t=-0.15, se=0.39	t=-0.27, se=0.56	t=-0.27, se=0.56	t0.27, se-0.56	t=-0.23, se=0.56
V.Locationnearby	p=0.79, df=4769.00 0.86[-0.25.1.98]					p=0.97, df=4769.00 0.14[-0.60,0.89]	p=0.88, df=4769.00 -0.05[-0.82.0.72]	p=0.79, df=4768.00 0.87[=0.24,1.99]	p=0.79, df=4768.00 0.86[-0.25,1.98]	p=0.79, df=4767.00 0.87[-0.24,1.98]	p=0.82, df=4766.00 0.89[-0.22,2.01]
V_Locationnearby	0.86[-0.25,1.98] t=1.52, se=0.57					t=0.38, se=0.38	t0.12, se-0.39	t=1.54, se=0.57	0.86[-0.25,1.98] t=1.52, se=0.57	0.87[-0.24,1.98] t=1.53, se=0.57	0.89[-0.22,2.01] t=1.58, se=0.57
	p=0.13, df=4769.00					p=0.70, df=4769.00	p=0.90, df=4769.00	p=0.12, df=4768.00	p=0.13, df=4768.00	p=0.13, df=4767.00	p=0.12, df=4766.00
V_StoreTypedepartmentstore	0.74[-0.36,1.84]					0.03[-0.70, 0.77]	-0.55[-1.32,0.21]	0.74[-0.36,1.84]	0.72[-0.38,1.82]	0.73[-0.37,1.83]	0.74[-0.36,1.84]
	t=1.32, se=0.56					t=0.09, se=0.38	t=-1.43, se=0.39	t=1.32, se=0.56	t=1.29, se=0.56	t=1.30, se=0.56	t=1.31, se=0.56
V_StoreTypesupermarket	p=0.19, df=4769.00 0.77[=0.33,1.86]					p=0.93, df=4769.00 0.13[-0.61,0.87]	p=0.15, df=4769.00 -0.17[-0.93,0.59]	p=0.19, df=4768.00 0.77[=0.33,1.87]	p=0.20, df=4768.00 0.75[-0.35,1.85]	p=0.20, df=4767.00 0.76[-0.34,1.86]	p=0.19, df=4766.00 0.76[-0.33,1.86]
v_store typesupermarket	t=1.37, se=0.56					t=0.35, se=0.38	t=-0.43, se=0.39	t=1.37, se=0.56	t=1.34, se=0.56	t=1.35, se=0.56	t=1.36, se=0.56
	p=0.17, df=4769.00					p=0.73, df=4769.00	p=0.67, df=4769.00	p=0.17, df=4768.00	p=0.18, df=4768.00	p=0.18, df=4767.00	p=0.17, df=4766.00
V_ProducteigarettesV_RacenamefBlack	-2.77[-6.45,0.92]					-1.72[-4.21, 0.78]	-0.06[-2.64, 2.52]	-2.82[-6.50, 0.86]	-2.75[-6.43, 0.93]	-2.79[-6.48, 0.89]	-2.82[-6.50, 0.86]
	t=-1.47, se=1.88 p=0.14, df=4769.00					t=-1.35, se=1.27 p=0.18, df=4769.00	t=-0.05, se=1.32 p=0.96, df=4769.00	t=-1.50, se=1.88 p=0.13, df=4768.00	t=-1.46, se=1.88 p=0.14, df=4768.00	t=-1.49, se=1.88 p=0.14, df=4767.00	t=-1.50, se=1.88 p=0.13, df=4766.00
V_ProducthardwaresuppliesV_RacenamefBlack	-0.14, d1-4769.00 -0.27[-3.95.3.41]					-0.62[-3.11,1.88]	n 281-2 30 2 871	_0.20[_3.98.3.38]	=0.25[=3.92.3.43]	=0.14, d1=4707.00 =0.28[=3.96.3.40]	-0.22[-3.90.3.46]
12 TOTAL THEORY OF THE TOTAL CONTROL OF THE TOTAL C	t0.14, se-1.88					t0.48, se-1.27	t=0.21, se=1.32	t0.16, se-1.88	t0.13, se-1.88	t0.15, se-1.88	t0.12, se-1.88
	p=0.88, df=4769.00					p=0.63, df=4769.00	p=0.83, df=4769.00	p=0.87, df=4768.00	p=0.90, df=4768.00	p=0.88, df=4767.00	p=0.91, df=4766.00
V_ProducttoiletpaperV_RacenamefBlack	-0.37[-4.05,3.31] t0.20, se-1.88					-0.13[-2.62, 2.36]	1.24[-1.35,3.82] t=0.94, se=1.32	-0.38[-4.06,3.30] t0.20, se-1.88	-0.32[-4.00,3.36] t0.17, se-1.88	-0.34[-4.02, 3.34]	-0.36[-4.04,3.32] t0.19, se-1.88
	p=0.84, df=4769.00					t=-0.10, se=1.27 p=0.92, df=4769.00	p=0.35, df=4769.00	p=0.84, df=4768.00	p=0.86, df=4768.00	t=-0.18, se=1.88 p=0.86, df=4767.00	p=0.85, df=4766.00
V_ProductcirarettesV_RacenamefChinese	-1.00[-4.68.2.69]					-1.29[-3.79.1.21]	-0.11[-2.69.2.48]	-1.03[-4.72.2.65]	-0.99[-4.68,2.69]	-1.02[-4.71.2.66]	-1.01[-4.70.2.67]
	t0.53, se-1.88					t1.01, se-1.28	t0.08, se-1.32	t0.55, se-1.88	t0.53, se-1.88	t0.54, se-1.88	t=-0.54, se=1.88
	p=0.60, df=4769.00					p=0.31, df=4769.00	p=0.94, df=4769.00	p=0.58, df=4768.00	p=0.60, df=4768.00	p=0.59, df=4767.00	p=0.59, df=4766.00
V. Producthardware supplies V. Racename f Chinese	0.00[-3.72,3.71] t=0.00, se=1.89					0.16[-2.35,2.68] t=0.13, se=1.28	-0.16[-2.76,2.45] t0.12, se-1.33	0.00[-3.71,3.71] t-0.00, se-1.89	-0.01[-3.72,3.70] t=-0.01, se=1.89	0.00[-3.72,3.71] t=0.00, se=1.89	0.08[-3.63,3.79] t=0.04, se=1.89
	p=1.00, df=4769.00					p=0.90, df=4769.00	p=0.91, df=4769.00	p=1.00, df=4768.00	p=1.00, df=4768.00	p=1.00, df=4767.00	p=0.97, df=4766.00
V_ProducttoiletpaperV_RacenamefChinese	-1.63[-5.30,2.04]					0.18[-2.31,2.68]	1.23[-1.35,3.82]	-1.62[-5.29,2.06]	-1.58[-5.25, 2.09]	-1.58[-5.25, 2.09]	-1.61[-5.29,2.06]
	t-0.87, se-1.87					t=0.14, se=1.27	t=0.94, se=1.32	t0.86, se-1.87	t0.84, se-1.87	t0.84, se-1.87	t=-0.86, se=1.87
V_ProducteigarettesV_RacenamefIndian	p=0.38, df=4769.00 2.90[=0.83.6.63]					p=0.89, df=4769.00 -1.47[-4.00,1.06]	p=0.35, df=4769.00 0.99[-1.63,3.61]	p=0.39, df=4768.00 2.85[=0.88.6.58]	p=0.40, df=4768.00 2.93[-0.80.6.66]	p=0.40, df=4767.00 2.88[-0.84.6.61]	p=0.39, df=4766.00 2.87[-0.85.6.60]
v_Productcigarettesv_RacenameIIndian	t=1.52, se=1.90					t=-1.14, se=1.29	t=0.74, se=1.34	2.85[-0.88,6.58] t=1.50, se=1.90	t=1.54, se=1.90	t=1.52, se=1.90	t=1.51, se=1.90
	p=0.13, df=4769.00					p=0.25, df=4769.00	p=0.46, df=4769.00	p=0.13, df=4768.00	p=0.12, df=4768.00	p=0.13, df=4767.00	p=0.13, df=4766.00
V_ProducthardwaresuppliesV_RacenamefIndian	1.30[-2.36, 4.97]					1.31[-1.17, 3.79]	1.97[-0.60, 4.54]	1.35[-2.31, 5.02]	1.38[-2.28, 5.05]	1.40[-2.26, 5.07]	1.50[-2.17, 5.16]
	t=0.70, se=1.87					t=1.03, se=1.26	t-1.50, se-1.31	t=0.72, se=1.87	t=0.74, se=1.87	t=0.75, se=1.87	t=0.80, se=1.87
V_ProducttoiletpaperV_RacenamefIndian	p=0.49, df=4769.00 1.34[=2.35.5.02]					p=0.30, df=4769.00 -0.47[-2.97,2.03]	p=0.13, df=4769.00 3.11[0.52.5.70]*	p=0.47, df=4768.00 1.32[-2.36.5.01]	p=0.46, df=4768.00 1.45[-2.24.5.14]	p=0.45, df=4767.00 1.41[-2.28.5.10]	p=0.42, df=4766.00 1.46[-2.23.5.15]
v 2r roductionetpaper v 2roscensinetinismi	t=0.71, se=1.88					t=-0.37, se=1.27	t-2.35, se-1.32	t=0.70, se=1.88	t=0.77, se=1.88	t=0.75, se=1.88	t=0.78, se=1.88
	p=0.48, df=4769.00					p=0.71, df=4769.00	p=0.02, df=4769.00	p=0.48, df=4768.00	p=0.44, df=4768.00	p=0.45, df=4767.00	p=0.44, df=4766.00
CCOther Self		-0.04[-0.08,0.01]+		-0.03[-0.07,0.02]	-0.04[-0.08, 0.01]			-0.04[-0.08,0.00]+		-0.03[-0.07, 0.02]	-0.04[-0.09,0.01]+
		t=-1.72, se=0.02 p=0.09, df=4788.00		t=-1.20, se=0.02 p=0.23, df=4787.00	t=-1.53, se=0.02 p=0.13, df=4786.00			t=-1.78, se=0.02 p=0.08, df=4768.00		t=-1.27, se=0.02 p=0.20, df=4767.00	t=-1.66, se=0.02 p=0.10, df=4766.00
TCOther.Self		p=0.09, dt=4788.00	-0.04[-0.08,0.00]+	p=0.23, df=4787.00 -0.03[-0.07.0.01]	p=0.13, dr=4786.00 -0.04[-0.08,0.01]+			p=0.08, d1=4768.00	-0.04[-0.08.0.00]+	-0.03[-0.07.0.01]	-0.04[-0.08,0.01]+
			t=-1.81, se=0.02	t1.32, se-0.02	t1.65, se-0.02				t1.77, se-0.02	t1.26, se-0.02	t1.66, se-0.02
									p=0.08, df=4768.00	p=0.21, df=4767.00	p=0.10, df=4766.00
			p=0.07, df=4788.00	p=0.19, df=4787.00	p=0.10, df=4786.00						
CCOther_SelfTCOther_Self				p=0.19, df=4787.00	0.00[0.00,0.00]						0.00[0.00,0.00]
CCOther_SelfTCOther_Self				p=0.19, df=4787.00	0.00[0.00,0.00] t=1.16, se=0.00						t-1.31, se-0.00
	5.71	5.72		p=0.19, df=4787.00 5.70	0.00[0.00,0.00]	5.74	6.84	5.74	5.69	5.72	t=1.31, se=0.00 p=0.19, df=4766.00
CCOther_SelfTCOther_Self SD (Intercept ID)	5.71 t=, se=	5.72 t=, se=	p=0.07, df=4788.00 5.68 t=, se=	p=0.19, df=4787.00 5.70 t=, se=	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 t=, se=	5.74 t-, se-	t-, se-	t-, se-	t-, se-	5.72 t-, se-	t=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se=
SD (Intercept ID)	t-, se- p-, df-	t-, se- p-, df-	p=0.07, df=4788.00 5.68 t=, se= p=, df=	p=0.19, df=4787.00 5.70 t=, se= p=, df=	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df=	t-, se- p-, df-	t-, se- p-, df-	t-, se- p-, df-	t-, se- p-, df-	t-, se- p-, df-	t=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se= p=, df=
	t-, se- p-, df- 14.66	t=, se= p=, df= 14.69	p=0.07, df=4788.00 5.68 t=, se= p=, df= 14.70	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 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=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se= p=, df= 14.66
SD (Intercept ID)	t-, se- p-, df- 14.66 t-, se-	t-, se- p-, df- 14.69 t-, se-	p=0.07, df=4788.00 5.68 t=, se= p=, df= 14.70 t=, se=	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se=	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df= 14.70 t=, se=	t-, se- p-, df- 9.54 t- w-	t-, se- p-, df- 9.75 t-, se-	t-, se- p-, df- 14.65 t-, se-	t-, se- p-, df- 14.66 t-, se-	t-, se- p-, df- 14.66 t-, se-	t=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se= p=, df= 14.66 t=, se=
SD (Intercept ID) SD (Observations)	t-, se- p-, df- 14.66 t-, se- p-, df-	t-, se- p-, df- 14.69 t-, se- p-, df-	p=0.07, df=4788.00 5.68 t=, se= p=, df= 14.70 t=, se= p=, df=	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se= p=, df=	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df= 14.70 t=, se= p=, df=	t-, se- p-, df- 9.54 t-, se- p-, df-	t=, se= p=, df= 9.75 t=, se= p=, df=	t=, se= p=, df= 14.65 t=, se= p=, df=	t-, se- p-, df- 14.66 t-, se- p-, df-	t-, se- p-, df- 14.66 t-, se- p-, df-	t=1.31, sc=0.00 p=0.19, df=4766.00 5.70 t=, sc= p=, df= 14.66 t=, sc= p=, df=
SD (Intercept ID) SD (Observations) Num.Obs.	t-, se- p-, df- 14.66 t-, se-	t-, se- p-, df- 14.69 t-, se-	p=0.07, df=4788.00 5.68 t=, se= p=, df= 14.70 t=, se=	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se=	0.00[0.00,0.00] t=1.16, se=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df= 14.70 t=, se=	t-, se- p-, df- 9.54 t- w-	t-, se- p-, df- 9.75 t-, se-	t-, se- p-, df- 14.65 t-, se-	t-, se- p-, df- 14.66 t-, se-	t-, se- p-, df- 14.66 t-, se-	t=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se= p=, df= 14.66 t=, se=
SD (Intercept ID) SD (Observations) Num Obs. B2 Marg. B2 Cond.	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=, se= p=, df= 14.69 t=, se= p=, df= 4792 0.001 0.132	p=0.07, df=4788.00 5.68 t-, se- p-, df= 14.70 t-, se- p-, df= 4792 0.001 0.131	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se= p=, df= 4792 0.001 0.132	0.00[0.00,0.00] t=1.16, so=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df= 14.70 t=, se= p=, df= 4792 0.001 0.131	t-, se- p-, df- 9.54 t-, se- p-, df- 4792 0.004 0.269	t-, se- p-, df- 9.75 t-, se- p-, df- 4792 0.003 0.331	t-, se- p-, df- 14.65 t-, se- p-, df- 4792 0.009 0.140	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.009 0.139	t-, se- p-, df- 14.66 t-, se- p-, df- 4792 0.009 0.140	t=1.31, sc=0.00 p=0.19, df=4766.00 5.70 t=, sc= p=, df= 14.66 t=, sc= p=, df= 4792 0.009 0.140
SD (Intercept ID) SD (Observations) SD (Observations) Num Obs. B2 Marg. All Marg. All CC	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139 39811.7	t-, se- p-, df- 14.69 t-, se- p-, df- 4792 0.001 0.132 38841.7	p=0.07, df=4788.00 5.68 t=, se= p=, df= 14.70 t=, se= p=, df= 4792 0.001 0.131 38841.5	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se= p=, df= 4792 0.001 0.132 38847.8	0.00[0.00,0.00] t=1.16, se=0.00 p=0.28, df=4786.00 t=, se= p=, df= 14.70 t=, se= p=, df= 4792 0.001 0.131 3986.7	t-, se- p-, df- 9.54 t-, se- p-, df- 4792 0.004 0.269 36 043.5	t-, se- p-, df- 9.75 t-, se- p-, df- 4792 0.003 0.331 36400.1	t=, se= p=, df= 14.65 t=, se= p=, df= 4792 0.009 0.140 39.816.4	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.009 0.139 38816.5	t-, se- p-, df- 14.66 t-, se- p-, df- 4792 0.009 0.140 39 822.7	t=1.31, se=0.00 p=0.19, df=4766.00 5.70 t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.009 0.140 39.835.2
SD (Intercept ID) SD (Observations) Num Obs. B2 Marg. B2 Cond.	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.008 0.139	t=, se= p=, df= 14.69 t=, se= p=, df= 4792 0.001 0.132	p=0.07, df=4788.00 5.68 t-, se- p-, df= 14.70 t-, se- p-, df= 4792 0.001 0.131	p=0.19, df=4787.00 5.70 t=, se= p=, df= 14.69 t=, se= p=, df= 4792 0.001 0.132	0.00[0.00,0.00] t=1.16, so=0.00 p=0.25, df=4786.00 5.69 t=, se= p=, df= 14.70 t=, se= p=, df= 4792 0.001 0.131	t-, se- p-, df- 9.54 t-, se- p-, df- 4792 0.004 0.269	t-, se- p-, df- 9.75 t-, se- p-, df- 4792 0.003 0.331	t-, se- p-, df- 14.65 t-, se- p-, df- 4792 0.009 0.140	t=, se= p=, df= 14.66 t=, se= p=, df= 4792 0.009 0.139	t-, se- p-, df- 14.66 t-, se- p-, df- 4792 0.009 0.140	t=1.31, sc=0.00 p=0.19, df=4766.00 5.70 t=, sc= p=, df= 14.66 t=, sc= p=, df= 4792 0.009 0.140

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	$\log Lik$	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]**	-2.66[-3.29,-2.04]***	-2.64[-3.27, -2.01]***	-2.60[-3.23,-1.96]***	-2.60[-3.23,-1.97]***	2.70[1.42,3.98]***	4.15[2.80,5.50]***	-2.91[-4.76,-1.06]**	-2.85[-4.70,-1.00]**	-2.81[-4.67, -0.96]**	-2.80[-4.65,-0.95]**
	t3.20, se-0.94	t8.31, se-0.32	t=-8.22, $se=0.32$	t8.02, se-0.32	t8.04, se-0.32	t-4.15, se-0.65	t-6.05, sc-0.69	t=-3.09, $se=0.94$	t3.02, se-0.94	t2.98, se-0.94	t2.96, se-0.94
	p=0.00, df=4774.00	p=0.00, df=4788.00	p=0.00, df=4788.00	p=0.00, df=4787.00	p=0.00, df=4786.00	p=0.00, df=4774.00	p=0.00, df=4774.00	p=0.00, df=4773.00	p=0.00, df=4773.00	p=0.00, df=4772.00	p=0.00, df=4771.00
_Productcigarettes	-0.17[-2.75,2.40]					1.43[-0.30,3.17]	0.13[-1.66, 1.92]	-0.13[-2.71, 2.44]	-0.18[-2.75, 2.40]	-0.14[-2.72,2.43]	-0.15[-2.73,2.42]
	t=-0.13, se=1.31 p=0.89, df=4774.00					t=1.62, se=0.88 p=0.10, df=4774.00	t=0.14, se=0.91 p=0.89, df=4774.00	t=-0.10, se=1.31 p=0.92, df=4773.00	t=-0.13, se=1.31 p=0.89, df=4773.00	t=-0.11, se=1.31 p=0.91, df=4772.00	t=-0.12, se=1.31 p=0.91, df=4771.00
_Producthardwaresupplies	p=0.89, df=4774.00 1.57[=0.98,4.12]					-0.22[-1.93,1.50]	p=0.89, di=4774.00 -0.42[-2.19,1.35]	p=0.92, dr=4773.00 1.57[-0.98,4.12]	p=0.89, ar=4773.00 1.55[-1.00,4.10]	p=0.91, dr=4772.00 1.55[-1.00,4.10]	p=0.91, di=4771.00 1.49[-1.06,4.04]
_Productnardwaresuppnes	t=1.21, se=1.30					-0.22[-1.93,1.50] t0.25, sc-0.87	-0.42[-2.19,1.35] t0.47, se-0.90	t=1.20, se=1.30	t=1.19, se=1.30	t=1.19, se=1.30	t=1.15, se=1.30
	p=0.23, df=4774.00					p=0.80, df=4774.00	p=0.64, df=4774.00	p=0.23, df=4773.00	p=0.23, df=4773.00	p=0.23, df=4772.00	p=0.25, df=4771.00
_Producttoiletpaper	-0.15[-2.68,2.38]					-0.24[-1.94, 1.46]	-1.15[-2.90,0.61]	-0.16[-2.69,2.37]	-0.20[-2.72,2.33]	-0.19[-2.72,2.34]	-0.22[-2.74, 2.31]
	t0.12, se-1.29					t0.28, se-0.87	t1.28, se-0.90	t0.12, se-1.29	t0.15, se-1.29	t0.15, se-1.29	t0.17, se-1.29
	p=0.91, df=4774.00					p=0.78, df=4774.00	p=0.20, df=4774.00	p=0.90, df=4773.00	p=0.88, df=4773.00	p=0.88, df=4772.00	p=0.87, df=4771.00
"RacenamefBlack	0.31[-2.22,2.85]					0.45[-1.26, 2.15]	-0.77[-2.53,0.99]	0.33[-2.20, 2.86]	0.28[-2.26, 2.81]	0.30[-2.24, 2.83]	0.30[-2.23, 2.84]
	t=0.24, se=1.29					t=0.51, se=0.87	t0.86, se-0.90	t=0.26, se=1.29	t=0.21, se=1.29	t=0.23, $se=1.29$	t=0.23, se=1.29
	p=0.81, df=4774.00					p=0.61, df=4774.00	p=0.39, df=4774.00	p=0.80, df=4773.00	p=0.83, df=4773.00	p=0.82, df=4772.00	p=0.82, df=4771.00
_RacenamefChinese	0.34[-2.21,2.90]					-0.64[-2.36,1.08]	-1.26[-3.04,0.51]	0.32[-2.24, 2.87]	0.29[-2.26, 2.85]	0.28[-2.27, 2.84]	0.26[-2.29, 2.82]
	t=0.26, se=1.30					t0.73, se-0.88	t1.39, se-0.91	t=0.24, se=1.30	t=0.23, se=1.30	t=0.22, se=1.30	t=0.20, se=1.30
	p=0.79, df=4774.00					p=0.46, df=4774.00	p=0.16, df=4774.00	p=0.81, df=4773.00	p=0.82, df=4773.00	p=0.83, df=4772.00	p=0.84, df=4771.00
_RacenamefIndian	-0.93[-3.49,1.64]					-0.39[-2.11,1.33]	-2.40[-4.18, -0.63]**	-0.94[-3.51, 1.62]	-1.02[-3.58, 1.55]	-1.01[-3.57,1.56]	-1.03[-3.60, 1.53]
	t=-0.71, se=1.31					t=-0.45, se=0.88	t-2.65, se-0.91	t=-0.72, $se=1.31$	t=-0.78, se=1.31	t=-0.77, se=1.31	t=-0.79, se=1.31
_ProductcigarettesV_RacenamefBlack	p=0.48, df=4774.00 -2.59[-6.27,1.09]					p=0.65, df=4774.00 -1.66[-4.15.0.83]	p=0.01, df=4774.00 -0.06[-2.64,2.52]	p=0.47, df=4773.00 -2.64[-6.32.1.04]	p=0.44, df=4773.00 -2.57[-6.25.1.10]	p=0.44, df=4772.00 -2.61[-6.29.1.07]	p=0.43, df=4771.00 -2.64[-6.32.1.04]
_ProducteigarettesV_RacenamefBlack	-2.59[-6.27,1.09] t1.38, se-1.88					-1.66[-4.15,0.83] t=-1.31, se=1.27	-0.06[-2.64,2.52] t0.05, se-1.31	-2.64[-6.32,1.04] t1.41, se-1.88	-2.57[-6.25,1.10] t1.37, se-1.88	-2.61[-6.29,1.07] t1.39, se-1.88	-2.64[-6.32,1.04] t1.41, se-1.88
	p=0.17, df=4774.00					p=0.19, df=4774.00	p=0.96, df=4774.00	p=0.16, df=4773.00	p=0.17, df=4773.00	p=0.16, df=4772.00	p=0.16, df=4771.00
.ProducthardwaresuppliesV_RacenamefBlack	-0.32[-3.99.3.36]					-0.62[-3.11.1.88]	0.30[-2.28.2.89]	-0.35[-4.02.3.33]	-0.29[-3.97.3.38]	-0.32[-4.00,3,36]	-0.27[-3.94.3.41]
_ routemate water upparer _ rtace manie in mex	t0.17, se-1.88					t0.48, sc-1.27	t=0.23, se=1.32	t0.19, se-1.88	t0.16, se-1.87	t0.17, se-1.88	t0.14, se-1.88
	p=0.87, df=4774.00					p=0.63, df=4774.00	p=0.82, df=4774.00	p=0.85, df=4773.00	p=0.88, df=4773.00	p=0.86, df=4772.00	p=0.89, df=4771.00
_ProducttoiletnaperV_RacenamefBlack	-0.08[-3.75.3.60]					0.01[-2.48,2.49]	1.25[-1.32.3.83]	-0.08[-3.75.3.59]	-0.03[-3.70.3.65]	-0.04[-3.71,3.63]	-0.05[-3.73.3.62]
	t0.04, se-1.87					t=0.00, se=1.27	t=0.95, se=1.31	t0.04, se-1.87	t0.01, se-1.87	t0.02, se-1.87	t0.03, se-1.87
	p=0.97, df=4774.00					p=1.00, df=4774.00	p=0.34, df=4774.00	p=0.97, df=4773.00	p=0.99, df=4773.00	p=0.98, df=4772.00	p=0.98, df=4771.00
_ProducteigarettesV_RacenamefChinese	-1.01[-4.68, 2.67]					-1.33[-3.83, 1.16]	-0.13[-2.71, 2.46]	-1.04[-4.72, 2.64]	-1.00[-4.68, 2.68]	-1.03[-4.70, 2.65]	-1.02[-4.69, 2.66]
	t0.54, se-1.88					t1.05, se-1.27	t-0.09, se-1.32	t=-0.55, $se=1.88$	t0.53, se-1.88	t0.55, se-1.88	t0.54, se-1.88
	p=0.59, df=4774.00					p=0.30, df=4774.00	p=0.92, df=4774.00	p=0.58, df=4773.00	p=0.59, df=4773.00	p=0.58, df=4772.00	p=0.59, df=4771.00
ProducthardwaresuppliesV_RacenamefChinese	-0.15[-3.86, 3.56]					0.07[-2.44, 2.58]	-0.19[-2.79, 2.42]	-0.14[-3.85, 3.57]	-0.15[-3.86, 3.56]	-0.15[-3.86, 3.56]	-0.07[-3.78, 3.65]
	t0.08, se-1.89					t=0.06, se=1.28	t=-0.14, se=1.33	t0.07, se-1.89	t=-0.08, se=1.89	t0.08, se-1.89	t=-0.03, se=1.89
	p=0.94, df=4774.00					p=0.96, df=4774.00	p=0.89, df=4774.00	p=0.94, df=4773.00	p=0.94, df=4773.00	p=0.94, df=4772.00	p=0.97, df=4771.00
_ProducttoiletpaperV_RacenamefChinese	-1.48[-5.15,2.18]					0.17[-2.32, 2.66]	1.20[-1.38, 3.78]	-1.47[-5.14,2.20]	-1.43[-5.10, 2.23]	-1.44[-5.10,2.23]	-1.46[-5.13, 2.20]
	t=-0.79, $se=1.87$					t=0.13, se=1.27	t=0.91, se=1.32	t=-0.79, $se=1.87$	t=-0.77, se=1.87	t0.77, se-1.87	t=-0.78, se=1.87
	p=0.43, df=4774.00					p=0.89, df=4774.00	p=0.36, df=4774.00	p=0.43, df=4773.00	p=0.44, df=4773.00	p=0.44, df=4772.00	p=0.43, df=4771.00
_ProductcigarettesV_RacenamefIndian	3.02[-0.71,6.74]					-1.40[-3.93,1.12]	0.95[-1.66, 3.56]	2.97[-0.75, 6.69]	3.05[-0.68, 6.77]	3.01[-0.72,6.73]	3.00[-0.73, 6.72]
	t=1.59, se=1.90					t1.09, se-1.29	t=0.71, se=1.33	t=1.56, se=1.90	t=1.60, se=1.90	t=1.58, se=1.90	t=1.58, se=1.90
D. I. J. J. B. M.D. W. D.	p=0.11, df=4774.00					p=0.28, df=4774.00	p=0.48, df=4774.00	p=0.12, df=4773.00	p=0.11, df=4773.00	p=0.11, df=4772.00	p=0.11, df=4771.00
_ProducthardwaresuppliesV_RacenamefIndian	1.29[-2.37,4.95]					1.33[-1.15,3.81]	1.94[-0.62,4.51]	1.34[-2.32,5.00]	1.37[-2.29,5.03]	1.39[-2.27,5.05]	1.48[-2.18,5.14]
	t=0.69, se=1.87 p=0.49, df=4774.00					t=1.05, se=1.26 p=0.29, df=4774.00	t=1.49, se=1.31 p=0.14, df=4774.00	t=0.72, se=1.87 p=0.47, df=4773.00	t=0.73, se=1.87 p=0.46, df=4773.00	t=0.74, se=1.87 p=0.46, df=4772.00	t=0.79, se=1.87 p=0.43, df=4771.00
_ProducttoiletpaperV_RacenamefIndian	1.49[-2.19,5.17]					-0.39[-2.89,2.10]	3.08]0.49,5.66]*	1.48[-2.20,5.15]	1.60[-2.08,5.28]	1.57[-2.11,5.25]	1.62[-2.06,5.30]
_r roductionetpaper v _rcacemamermusin	t=0.79, se=1.88					t=-0.31, se=1.27	t=2.33, se=1.32	t=0.79, se=1.88	t=0.85, se=1.88	t=0.83, se=1.88	t=0.86, se=1.88
	p=0.43, df=4774.00					p=0.76, df=4774.00	p=0.02, df=4774.00	p=0.43, df=4773.00	p=0.39, df=4773.00	p=0.40, df=4772.00	p=0.39, df=4771.00
COther-Self	P	-0.04[-0.08,0.01]+		-0.03[-0.07, 0.02]	-0.04[-0.08.0.01]	P 0.10, 11 11 100	P 0.04, m 111100	-0.04[-0.08.0.01]+	p 0.00; as 1110000	-0.03[-0.07.0.02]	-0.04[-0.08.0.01]
		t-1.72, sc-0.02		t1.20, se-0.02	t1.53, se-0.02			t1.69, se-0.02		t1.18, se-0.02	t1.56, se-0.02
		p=0.09, df=4788.00		p=0.23, df=4787.00	p=0.13, df=4786.00			p=0.09, df=4773.00		p=0.24, df=4772.00	p=0.12, df=4771.00
COther_Self			-0.04[-0.08, 0.00]+	-0.03[-0.07, 0.01]	-0.04[-0.08,0.01]+				-0.04[-0.08,0.00]+	-0.03[-0.07,0.01]	-0.04[-0.08,0.01]+
			t1.81, se-0.02	t=-1.32, $se=0.02$	t1.65, se-0.02				t=-1.78, se=0.02	t1.30, se-0.02	t1.69, se-0.02
			p=0.07, df=4788.00	p=0.19, df=4787.00	p=0.10, df=4786.00				p=0.08, df=4773.00	p=0.19, df=4772.00	p=0.09, df=4771.00
CCOther,SelfTCOther,Self					0.00[0.00,0.00]						0.00[0.00,0.00]
					t-1.16, se-0.00						t-1.29, se-0.00
					p=0.25, df=4786.00						p=0.20, df=4771.00
D (Intercept ID)	5.70	5.72	5.68	5.70	5.69	5.74	6.84	5.72	5.68	5.70	5.68
	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-	t-, se-
D. (OL.)	p=, df=	p-, df-	p-, df-	p-, df-	p-, df-	p-, df-	p-, df-	p-, df-	p-, df-	p=, df=	p-, df-
D (Observations)	14.67 t-, se-	14.69 t-, se-	14.70 t-, se-	14.69 t-, se-	14.70 t-, se-	9.54 t-, se-	9.75 t-, se-	14.66 t-, sc-	14.67 t-, se-	14.67 t-, se-	14.67 t-, se-
	t-, se- p-, df-	t-, se- p-, df-	t, se p, df	t-, se- p-, df-	t=, se= p=, df=	t=, se= p=, df=	p-, df-	t-, se- p-, df-	t-, se- p-, df-	t-, se- p-, df-	t-, se- p-, df-
vum.Obs.	4792 0.006	4792 0.001	4792 0.001	4792 0.001	4792 0.001	4792 0.003	4792 0.003	4792 0.007	4792 0.007	4792 0.007	4792 0.007
12 Marg. 12 Cond.	0.006	0.001		0.001 0.132	0.001	0.003	0.003	0.007	0.007	0.007	0.007
I2 Cond. IC	0.136 39.808.4	0.132 39.841.7	0.131 39.841.5	0.132 39.847.8	0.131 39.860.7	0.268 36 032.3	0.331 36386.5	0.138 39.813.4	0.136 39.813.2	0.137 39.819.6	0.137 39.832.1
NC SIC	39 925.0	39 841.7	39841.5	39 847.8	39 860.7	36 148.8	36 503.0	39 936.4	39813.2	39 819.6	39832.1
CC	39925.0 0.1	39867.6 0.1	39867.4	39 880.2 0.1	0.1	36 148.8 0.3	0.3	39936.4	39996.2 0.1	39949.1	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]***	-2.66[-3.29, -2.04]***	-2.64[-3.27,-2.01]***	-2.60[-3.23, -1.96]***	-2.60[-3.23,-1.97]***	2.59[1.66,3.53]***	3.94[2.94,4.94]***	-2.12[-3.44, -0.80]**	-2.07[-3.39, -0.75]**	-2.03[-3.36, -0.71]**	-2.05[-3.37, -0.72]**
	t=-3.31, se=0.67	t=-8.31, se=0.32	t=-8.22, se=0.32	t=-8.02, se=0.32	t=-8.04, se=0.32	t=5.44, se=0.48	t=7.72, se=0.51	t=-3.15, se=0.67	t=-3.07, se=0.67	t=-3.01, se=0.67	t=-3.03, se=0.67
VP 1 W W RO II	p=0.00, df=4782.00	p=0.00, df=4788.00	p=0.00, df=4788.00	p=0.00, df=4787.00	p=0.00, df=4786.00	p=0.00, df=4782.00	p=0.00, df=4782.00	p=0.00, df=4781.00	p=0.00, df=4781.00	p=0.00, df=4780.00	p=0.00, df=4779.00
V_ProductMorMorallyQuestionable	-0.95[-2.75,0.85] t=-1.04, se=0.92					0.67[-0.54,1.87] t=1.09, se=0.62	-0.33[-1.58,0.92] t=-0.52, se=0.64	-0.93[-2.73,0.87] t1.01, se-0.92	-0.96[-2.76,0.83] t1.05, se-0.92	-0.95[-2.74,0.85] t=-1.03, se=0.92	-0.93[-2.73,0.87] t=-1.02, se=0.92
	p=0.30, df=4782.00					p=0.28, df=4782.00	p=0.60, df=4782.00	p=0.31, df=4781.00	p=0.29, df=4781.00	p=0.30, df=4780.00	p=0.31, df=4779.00
V RacenamefBlack	0.15[-1.59.1.89]					0.14[-1.02.1.29]	-0.62[-1.81.0.56]	0.15[-1.59.1.89]	0.12[-1.62.1.86]	0.13[-1.61.1.87]	0.16[-1.58,1.90]
1 JON CHIMINETONIA	t=0.16, se=0.89					t=0.23, se=0.59	t=-1.03, se=0.61	t=0.17, se=0.89	t=0.14, se=0.89	t=0.14, se=0.89	t=0.18, se=0.89
	p=0.87, df=4782.00					p=0.81, df=4782.00	p=0.30, df=4782.00	p=0.87, df=4781.00	p=0.89, df=4781.00	p=0.89, df=4780.00	p=0.86, df=4779.00
V_RacenamefChinese	0.24[-1.53, 2.01]					-0.61[-1.79, 0.57]	-1.36[-2.57,-0.14]*	0.21[-1.56, 1.99]	0.19[-1.59, 1.96]	0.18[-1.59, 1.95]	0.20[-1.57, 1.98]
	t=0.27, se=0.90					t1.02, se-0.60	t2.19, se-0.62	t=0.24, se=0.90	t=0.21, se=0.91	t=0.20, se=0.91	t=0.22, se=0.91
	p=0.79, df=4782.00					p=0.31, df=4782.00	p=0.03, df=4782.00	p=0.81, df=4781.00	p=0.84, df=4781.00	p=0.84, df=4780.00	p=0.82, df=4779.00
V_RacenamefIndian	-0.25[-2.00,1.51]					0.29[-0.88,1.47]	-1.41[-2.62, -0.20]*	-0.24[-1.99, 1.52]	-0.29[-2.05, 1.46]	-0.28[-2.03,1.48]	-0.26[-2.01,1.50]
	t=-0.27, se=0.90					t=0.49, se=0.60	t=-2.29, $se=0.62$	t=-0.26, se=0.90	t=-0.33, se=0.90	t=-0.31, $se=0.90$	t=-0.29, se=0.90
	p=0.78, df=4782.00					p=0.62, df=4782.00	p=0.02, df=4782.00	p=0.79, df=4781.00	p=0.74, df=4781.00	p=0.76, df=4780.00	p=0.78, df=4779.00
$V_ProductMorMorallyQuestionableV_RacenamefBlack$	-1.21[-3.79,1.37]					-0.48[-2.22,1.26]	0.48[-1.33, 2.28]	-1.22[-3.80, 1.36]	-1.19[-3.77, 1.40]	-1.20[-3.78,1.38]	-1.25[-3.83,1.34]
	t0.92, se-1.32					t=-0.54, se=0.89	t=0.52, se=0.92	t0.93, se-1.32	t0.90, se-1.32	t=-0.91, se=1.32	t=-0.95, se=1.32
V.ProductMorMorallyOuestionableV.RacenamefChinese	p=0.36, df=4782.00 -1.14[-3.75,1.46]					p=0.59, df=4782.00 -0.56[-2.33,1.20]	p=0.60, df=4782.00 0.67[-1.15,2.50]	p=0.35, df=4781.00 -1.15[-3.76,1.45]	p=0.37, df=4781.00 -1.11[-3.72,1.49]	p=0.36, df=4780.00 -1.13[-3.73,1.48]	p=0.34, df=4779.00 -1.17[-3.78,1.43]
v_rroductxiorsionallyQuestionablev_RacenamerCimese	t=-0.86, se=1.33					t=-0.63, se=0.90	t=0.72, se=0.93	t=-0.87, se=1.33	t=-0.84, se=1.33	t=-0.85, se=1.33	t=-0.88, se=1.33
	p=0.39, df=4782.00					p=0.53, df=4782.00	p=0.47, df=4782.00	p=0.38, df=4781.00	p=0.40, df=4781.00	p=0.40, df=4780.00	p=0.38, df=4779.00
V_ProductMorMorallyOuestionableV_RacenamefIndian	1.55[-1.07.4.17]					-1.56[-3.34.0.22]+	1.05[-0.79.2.89]	1.50[-1.12.4.12]	1.59[-1.03.4.20]	1.54[-1.08.4.16]	1.52[-1.10.4.13]
12 TOTAL CHOTAGONAL) QUESTIONION 12 CHICAGONALISMAN	t=1.16, se=1.34					t=-1.72, se=0.91	t-1.12, se-0.94	t=1.12, se=1.34	t=1.19, se=1.34	t=1.15, se=1.34	t=1.13, se=1.34
	p=0.25, df=4782.00					p=0.09, df=4782.00	p=0.26, df=4782.00	p=0.26, df=4781.00	p=0.24, df=4781.00	p=0.25, df=4780.00	p=0.26, df=4779.00
CCOther_Self		-0.04[-0.08.0.01]+		-0.03[-0.07.0.02]	-0.04[-0.08, 0.01]			-0.04[-0.08,0.01]+		-0.03[-0.07.0.02]	-0.04[-0.08.0.01]
		t=-1.72, se=0.02		t=-1.20, se=0.02	t=-1.53, se=0.02			t=-1.67, se=0.02		t1.16, se-0.02	t=-1.55, se=0.02
		p=0.09, df=4788.00		p=0.23, df=4787.00	p=0.13, df=4786.00			p=0.09, df=4781.00		p=0.25, df=4780.00	p=0.12, df=4779.00
TCOther_Self			-0.04[-0.08,0.00]+	-0.03[-0.07,0.01]	-0.04[-0.08, 0.01]+				-0.04[-0.08,0.00]+	-0.03[-0.07,0.01]	-0.04[-0.08,0.01]+
			t=-1.81, se=0.02	t=-1.32, se=0.02	t=-1.65, se=0.02				t=-1.77, se=0.02	t=-1.30, se=0.02	t=-1.69, se=0.02
			p=0.07, df=4788.00	p=0.19, df=4787.00	p=0.10, df=4786.00				p=0.08, df=4781.00	p=0.19, df=4780.00	p=0.09, df=4779.00
CCOther_SelfTCOther_Self					0.00[0.00,0.00]						0.00[0.00,0.00]
					t-1.16, se-0.00						t-1.30, se-0.00
SD (Intercept ID)	5.71	5.72	5.68	5.70	p=0.25, df=4786.00 5.69	5.74	6.84	5.73	5.69	5.71	p=0.19, df=4779.00 5.70
SD (macrospe 1D)	t-, se-	t-, se-	t-, se-	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=	p=, df=	p=, df=	p=, df=
SD (Observations)	14.68	14.69	14.70	14.69	14.70	9.54	9.75	14.67	14.68	14.68	14.68
	t-, se-	t-, se-	t-, se-	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=	p=, df=	p=, df=	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	39841.7	39 841.5	39 847.8	39860.7	36 036.0	36 389.5	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	39899.5	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

Tabl	0 1.01. 1	wiodei ii	120		
(Intercept)	Other Self 3.32[2.58,4.06]***	AllProd 1.20[-0.53,2.94]	AllProdCross 3.78[1.70,5.86]***	Prod2level 2.41[1.14,3.67]***	Prod2levelCross 3.47[1.95,5.00]***
	t=8.76, se=0.38 p=0.00, df=4788.00	t=1.36, se=0.89 p=0.17, df=4773.00	t=3.56, se=1.06 p=0.00, df=4758.00	t=3.72, se=0.65 p=0.00, df=4781.00	t=4.47, se=0.78 p=0.00, df=4774.00
MorallyWrong_self	0.78[0.77,0.80]*** t=105.50, se=0.01 p=0.00, df=4788.00	0.77[0.76,0.79]*** t=100.66, se=0.01 p=0.00, df=4773.00	0.62[0.55,0.69]*** t=17.57, se=0.04 p=0.00, df=4758.00	0.77[0.76,0.79]*** t=101.30, se=0.01 p=0.00, df=4781.00	0.72[0.67,0.77]*** t=31.23, se=0.02 p=0.00, df=4774.00
V_Producteigarettes		4.90[2.51,7.30]*** t=4.02, se=1.22 p=0.00, df=4773.00	p=0.00, df=4758.00 -0.20[-3.46,3.06] t=-0.12, se=1.66		
V_Producthardwaresupplies		2.50[0.16,4.85]* t=2.09, se=1.20	p=0.91, $df=4758.00-0.19[-3.11,2.73]t=-0.13$, $se=1.49$		
V_Producttoiletpaper		p=0.04, df=4773.00 3.39[1.05,5.72]** t=2.84, se=1.19	p=0.90, df=4758.00 1.39[-1.66.4.44]		
V_RacenamefBlack		p=0.00, df=4773.00 0.46[-1.87,2.79]	t=0.89, se=1.56 p=0.37, df=4758.00 1.35[-1.51,4.20]	0.40[-1.19, 1.99]	0.18[-1.84,2.19]
V _s RacenamefChinese		t=0.39, se=1.19 p=0.70, df=4773.00 0.72[-1.63,3.07]	t=0.93, se=1.46 p=0.35, df=4758.00 -1.14[-4.01,1.73]	t=0.49, se=0.81 p=0.62, df=4781.00 0.68[-0.95,2.31]	t=0.17, se=1.03 p=0.86, df=4774.00 -0.70[-2.79,1.39]
V _s RacenamefIndian		t=0.60, se=1.20 p=0.55, df=4773.00 -0.28[-2.64,2.08]	t=-0.78, se=1.46 p=0.44, df=4758.00 0.06[-2.83,2.95]	t=0.82, se=0.83 p=0.41, df=4781.00 0.26[-1.35,1.87]	t=-0.66, se=1.07 p=0.51, df=4774.00 -0.28[-2.32,1.75]
		t=-0.23, se=1.20 p=0.82, df=4773.00 -3.15[-6.54,0.25]+	t=0.04, se=1.48 p=0.97, df=4758.00 0.10[-4.52,4.71]	t=0.32, se=0.82 p=0.75, df=4781.00	t=-0.27, se=1.04 p=0.79, df=4774.00
V_{μ} Productcigarettes V_{μ} RacenamefBlack		t=-1.82, se=1.73 p=0.07, df=4773.00	t=0.04, se=2.36 p=0.97, df=4758.00		
$V_{\tt a} Product hardware supplies V_{\tt a} Racename f Black$		-0.06[-3.45,3.34] t=-0.03, $se=1.73p=0.97$, $df=4773.00$	-2.46[-6.66,1.74] t=-1.15, se=2.14 p=0.25, df=4758.00		
$V_Product to il et paper V_Racename fBlack$		-0.72[-4.11,2.67] t=-0.42, se=1.73 p=0.68, df=4773.00	-4.71[-9.08,-0.33]* t=-2.11, se=2.23 p=0.03, df=4758.00		
$V_{\star} Product cigarettes V_{\star} Racename f Chinese$		-3 40[-6 80 0 00]*	0.56[-3.92.5.05]		
$V_Producthardware supplies V_Racename f Chinese$		t=-1.96, se=1.73 p=0.05, df=4773.00 0.06[-3.37,3.48]	t=0.25, se=2.29 p=0.81, df=4758.00 0.50[-3.80,4.81]		
V_{*} Producttoiletpaper V_{*} RacenamefChinese		t=0.03, se=1.75 p=0.97, df=4773.00 -2.45[-5.84,0.94]	t=0.23, se=2.20 p=0.82, df=4758.00 -1.20[-5.58,3.17]		
V_ProducteigarettesV_RacenamefIndian		t=-1.42, se=1.73 p=0.16, df=4773.00 0.78[-2.66.4.22]	t=-0.54, se=2.23 p=0.59, df=4758.00		
		t=0.45, se=1.76 p=0.66, df=4773.00	t=1.28, se=2.38 p=0.20, df=4758.00		
V_ProducthardwaresuppliesV_RacenamefIndian		1.01[-2.37,4.39] t=0.59, se=1.72 p=0.56, df=4773.00	-0.94[-5.12,3.24] t=-0.44, se=2.13 p=0.66, df=4758.00		
$V_Product to il et paper V_Racename fIn dian$		0.38[-3.02,3.78] t=0.22, se=1.73 p=0.83, df=4773.00	-1.83[-6.22,2.57] t=-0.82, se=2.24 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		
$Morally Wrong_self V_Product hardware supplies$			0.16[0.07,0.25]*** t=3.39, se=0.05 p=0.00, df=4758.00		
$Morally Wrong_self V_Product to ilet paper$					
MorallyWrong_selfV_RacenamefBlack			t=3.06, se=0.04 p=0.00, df=4758.00 -0.02[-0.11,0.07]		0.02[-0.04,0.07]
MorallyWrong_selfV_RacenamefChinese			t=-0.44, se=0.05 p=0.66, df=4758.00 0.11[0.02,0.20]*		t=0.50, se=0.03 p=0.62, df=4774.00 0.07[0.01,0.13]*
MorallyWrong_selfV_RacenamefIndian			t=2.41, se=0.05 p=0.02, df=4758.00 0.01[-0.08.0.10]		t=2.15, se=0.03 p=0.03, df=4774.00 0.03[-0.03,0.09]
$Morally Wrong_selfV_Product cigarettes V_RacenamefBlack$			t=0.24, se=0.05 p=0.81, df=4758.00 -0.08[-0.20,0.03]		t=0.97, se=0.03 p=0.33, df=4774.00
			t=-1.41, se=0.06 p=0.16, df=4758.00 0.08[-0.04,0.20]		
$Morally Wrong_selfV_Product hardware supplies V_Racename fBlack$			0.08[-0.04,0.20] t=1.30, se=0.06 p=0.19, df=4758.00		
$Morally Wrong_self V_Product to ilet paper V_Racename fBlack$			0.12[0.01,0.24]* t=2.05, se=0.06 p=0.04, df=4758.00		
$Morally Wrong_selfV_Product cigarettes V_Racename f Chinese$			p=0.04, dr=4758.00 -0.16[-0.27,-0.04]** t=-2.71, se=0.06 p=0.01, df=4758.00		
$Morally Wrong_selfV_Producthard ware supplies V_Race name f Chinese$					
$Morally Wrong_selfV_Product to ilet paper V_Race name f Chinese$			t=-0.99, se=0.06 p=0.32, df=4758.00 -0.09[-0.21,0.02]		
$Morally Wrong_selfV_Product cigar ettes V_Racename fIndian$			t=-1.57, se=0.06 p=0.12, df=4758.00 -0.07[-0.19,0.04]		
$Morally Wrong_selfV_Product hardware supplies V_Race name find ian$			t=-1.24, se=0.06 p=0.21, df=4758.00 0.06[-0.06,0.18]		
$Morally Wrong_selfV_Product to ilet paper V_Race name findian$			t=0.91, se=0.06 p=0.36, df=4758.00		
			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]** t=3.28, se=0.85 p=0.00, df=4781.00	0.87[-1.39,3.13] t=0.76, se=1.15 p=0.45, df=4774.00
$\label{local_product} V_{\bullet} Product MorMorally Questionable V_{\bullet} Racename fBlack$				-1.85[-4.24,0.53] t=-1.52, se=1.22 p=0.13, df=4781.00	-1.22[-4.43,2.00] t=-0.74, se=1.64 p=0.46, df=4774.00
$\label{lem:vproductMorMorallyQuestionableV_RacenamefChinese} V_ProductMorMorallyQuestionableV_RacenamefChinese$				-2.84[-5.25,-0.43]* t=-2.31, $se=1.23$	p=0.46, df=4774.00 -0.76[-3.97,2.45] t=-0.46, se=1.64 p=0.64, df=4774.00
$V_ProductMorMorallyQuestionableV_RacenamefIndian$				p=0.02, df=4781.00 0.06[-2.37,2.49] t=0.05, se=1.24	0.81[-2.44,4.06] t=0.49, se=1.66
$Morally Wrong_selfV_ProductMorMorally Questionable$				p=0.96, df=4781.00	p=0.63, df=4774.00 0.08[0.02,0.13]** t=2.68, se=0.03
$Morally Wrong_selfV_Product MorMorally Questionable V_Racename fBlack$					p=0.01, df=4774.00 -0.03[-0.10.0.05]
MorallyWrong_selfV_ProductMorMorallyQuestionableV_RacenamefChinese					t=-0.64, se=0.04 p=0.52, df=4774.00
					-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, $se=0.04p=0.42$, $df=4774.00$
				6.23	6.28
SD (Intercept ID)	6.17 t=, se= p=, df=	6.27 t=, se= p=, df=	6.28 t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=
	t=, se= p=, df= 13.37 t=, se=	t=, se= p=, df= 13.29 t=, se=	t=, se= p=, df= 13.13 t= se=	t=, se= p=, df= 13.33 t= se=	t=, se= p=, df= 13.31 t=, se=
SD (Intercept ID) SD (Observations) Num.Obs.	t=, se= p=, df= 13.37 t=, se= p=, df= 4792	t=, se= p=, df= 13.29 t=, se= p=, df= 4792	t=, se= p=, df= 13.13 t=, se= p=, df= 4792	t=, se= p=, df= 13.33 t=, se= p=, df= 4792	t=, se= p=, df= 13.31 t=, se= p=, df= 4792
SD (Intercept ID) SD (Observations)	t=, se= p=, df= 13.37 t=, se= p=, df=	t=, se= p=, df= 13.29 t=, se= p=, df=	t=, se= p=, df= 13.13 t=, se= p=, df=	t=, se= p=, df= 13.33 t=, se= p=, df=	t=, se= p=, df= 13.31 t=, se= p=, df=

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[-4.29.4.28]	1.08[0.58,1.59]*** +=4.19, m=0.26	10.22[1.87,18.58]* t=2.40, m=4.26	-0.69[-5.00,3.61]	2.20[_2.25.6.86]	0.85[0.32,1.37]** t=3.12 m=0.27	10.22[1.87,18.58]*	1 29[-2 17 5 81]
	t=-0.02, se=2.21 p=0.98, df=2356.00	t=4.19, se=0.26 p=0.00, df=2392.00	t=2.40, se=4.26 p=0.02, df=2356.00	t=-0.32, se=2.20 p=0.75, df=2355.00	t=0.99, se=2.32 p=0.32, df=2356.00	t=3.13, se=0.27 p=0.00, df=2392.00	t=2.40, se=4.26 p=0.02, df=2356.00	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		-15.52[-22.68,-8.35]*** t=-4.25, se=3.65	0.33[-3.38,4.03] t=0.17, se=1.89	-0.01[-3.92,3.89] t=-0.01, se=1.99		-15.52[-22.68,-8.35]*** t=-4.25, se=3.65	1.46[-2.40,5.33] t=0.74, se=1.97
V.Productcigarettes	t=-0.3[-4.35,3.05] t=-0.33, se=1.90 p=0.74, df=2356.00 3.36[-0.19,6.91]+ t=1.86, se=1.81		t=-4.25, se=3.65 p=0.00, df=2356.00 -1.79[-8.63,5.06]	t=0.17, se=1.89 p=0.86, df=2355.00 3.46[-0.07,6.98]+	t=-0.01, se=1.99 p=0.99, df=2356.00 0.29[-3.44,4.03]		t=-4.25, se=3.65 p=0.00, df=2356.00 -1.79[-8.63,5.06]	t=0.74, se=1.97 p=0.46, df=2355.00 0.44[-3.23,4.12]
	t-1.86, se-1.81							
V.Producthardwaresupplies	p=0.06, df=2356.00 -0.39[-3.83,3.05]		p=0.61, df=2356.00 6.17[-0.46,12.80]+	p=0.05, df=2355.00 -0.79[-4.21,2.63]	p=0.88, df=2356.00 -1.35[-4.97,2.27]		p=0.61, df=2356.00 6.17[-0.46,12.80]+	p=0.81, df=2355.00 -1.95[-5.52,1.62]
			t=1.82, se=3.38					
V_Producttoiletpaper	p=0.83, df=2356.00 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	p=0.65, df=2355.00 -0.77[-4.37,2.83] t=-0.42, se=1.84 p=0.67, df=2355.00	p=0.46, df=2356.00 -0.94[-4.73,2.85] t=-0.49, se=1.93 p=0.63, df=2356.00		p=0.07, df=2356.00 18.60[11.65,25.54]*** t=5.25, se=3.54	p=0.28, df=2355.00 -2.76[-6.51,1.00] t=-1.44, se=1.91 p=0.15, df=2355.00
	p=0.82, df=2356.00		p=0.00, df=2356.00	p=0.67, df=2355.00	p=0.63, df=2356.00			p=0.15, df=2355.00
V_RacenamefBlack	-0.89[-4.43,2.65] t=-0.49, se=1.81		-1.39[-8.21,5.42] t=-0.40, se=3.48 p=0.69, df=2356.00 -1.66[-8.94,5.63]	-0.82[-4.33,2.70] t=-0.46, se=1.79	-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	-0.30[-3.96,3.37] t=-0.16, se=1.87
V.RacenamefChinese	p=0.62, df=2356.00 -0.35[-4.13,3.43]		p=0.69, df=2356.00	p=0.65, df=2355.00 -0.25[-4.01,3.51]	p=0.82, df=2356.00 0.00[-3.98.3.98]		p=0.69, df=2356.00 -1.66[-8.94,5.63]	p=0.87, df=2355.00 0.16[-3.76,4.07]
V_RacciamerCimese	t=-0.18, se=1.93 p=0.86, df=2356.00		t=-0.45, se=3.72 p=0.66, df=2356.00	t=-0.13, se=1.91 p=0.90, df=2355.00	t=0.00, se=2.03 p=1.00, df=2356.00		t=-0.45, se=3.72	t=0.08, se=2.00 p=0.94, df=2355.00
V.Racenamefindian							t=-0.45, se=3.72 p=0.66, df=2356.00 1.22[-5.49,7.94]	
	t=0.86, se=1.78 p=0.39, df=2356.00 0.02[-0.07,0.10]		t=0.36, sc=3.42 p=0.72, df=2356.00 -0.06[-0.22,0.10]	t=0.83, se=1.77 p=0.41, df=2355.00 0.02[-0.06,0.11]	t=-0.23, se=1.87 p=0.82, df=2356.00 -0.02[-0.11,0.07]		t=0.36, se=3.42 p=0.72, df=2356.00 -0.06[-0.22,0.10]	t=-0.30, se=1.84 p=0.76, df=2355.00 -0.01[-0.10,0.07]
V_Age	0.02[-0.07,0.10]		-0.06[-0.22,0.10]	0.02[-0.06,0.11]	-0.02[-0.11,0.07]		-0.06[-0.22,0.10]	-0.01[-0.10,0.07]
	t=0.44, se=0.04 p=0.66, df=2356.00 0.77[-0.35,1.89]		t=-0.71, se=0.08 p=0.48, df=2356.00 0.66[-1.50,2.81]	t=0.54, sc=0.04 p=0.59, df=2355.00 0.74[-0.38,1.85]	t=-0.42, se=0.05 p=0.68, df=2356.00 1.22[0.04,2.40]*		t=-0.71, se=0.08 p=0.48, df=2356.00 0.66[-1.50,2.81]	t=-0.29, se=0.04 p=0.77, df=2355.00 1.18[0.02,2.34]*
V.Locationinthecity			0.66[-1.50,2.81] t=0.60, sc=1.10	0.74[-0.38,1.85] t=1.30, se=0.57	1.22[0.04,2.40]* t=2.03, se=0.60		0.66[-1.50,2.81] t=0.60, se=1.10	1.18[0.02,2.34]* t=2.00, se=0.59
	p=0.18, df=2356.00		- 0.55 46 0256.00	p=0.19, df=2355.00	- 0.04 36 0056.00		p=0.55, df=2356.00	p=0.05, df=2355.00
V.Locationnearby	p=0.18, df=2356.00 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, sc=1.12 p=0.36, df=2356.00	p=0.19, df=2355.00 0.10[-1.03,1.23] t=0.18, sc=0.58	0.31[-0.89,1.51] t=0.51, se=0.61 p=0.61, df=2356.00		p=0.55, df=2356.00 -1.02[-3.21,1.17] t=-0.91, se=1.12	p=0.05, df=2355.00 0.42[-0.76,1.60] t=0.70, se=0.60
V_StoreTypedepartmentstore	p=0.96, df=2356.00		p=0.36, df=2356.00		p=0.61, df=2356.00			
V_Store1ypeuepartmentstore	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	p=0.11, df=2356.00 0.90[-0.22.2.02]		p=0.28, df=2356.00 0.93[=1.23.3.09]	p=0.14, df=2355.00 0.84[-0.28.1.95]	p=0.34, df=2356.00 1.29[0.11.2.47]*		p=0.28, df=2356.00 0.93[-1.23.3.09]	p=0.45, df=2355.00 1.20[0.04.2.36]*
	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, sc=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
$V_* Presentation Defensive V_* Product cigar et tes$								
	t=-0.37, se=2.68 p=0.71, df=2356.00 -1.45[-6.69,3.78]		t=2.29, sc=5.16 p=0.02, df=2356.00	t=-0.64, se=2.66 p=0.52, df=2355.00	t=0.11, se=2.82 p=0.91, df=2356.00		t=2.29, se=5.16 p=0.02, df=2356.00	t=-0.28, se=2.78 p=0.78, df=2355.00
V. Presentation Defensive V. Producthard ware supplies			-14.26[-24.34,-4.17]** +2.77 ro-5.14	-0.54[-5.75,4.66]	-3.08[-8.58,2.43]		-14.26[-24.34,-4.17]**	-1.71[-7.15,3.72]
	p=0.59, df=2356.00 0.66[-4.49,5.81]		p=0.01, df=2356.00 -12.70[-22.62,-2.77]*	p=0.84, df=2355.00 1.49[-3.63,6.61]	p=0.27, df=2356.00 0.41[-5.01,5.82]		p=0.01, df=2356.00 -12.70[-22.62,-2.77]*	p=0.54, df=2355.00 1.64[-3.70,6.98]
$V_{\bullet} Presentation Defensive V_{\bullet} Product to il et paper$								
V_PresentationDefensiveV_RacenamefBlack	p=0.80, df=2356.00 1.07[-4.10,6.24] t=0.41, se=2.64 p=0.68, df=2356.00		p=0.01, df=2356.00 -1.50[-11.46,8.45] t=-0.30, se=5.08 p=0.77, df=2356.00	p=0.57, df=2355.00 1.17[-3.96,6.30] t=0.45, se=2.62 p=0.65, df=2355.00	p=0.88, df=2356.00 -2.63[-8.06,2.80] t=-0.95, se=2.77		p=0.01, df=2356.00 -1.50[-11.46,8.45] t=-0.30, se=5.08	p=0.55, df=2355.00 -2.53[-7.88,2.83] t=-0.93, se=2.73
V.PresenationDelensiveV.Edicentamericanck	t=0.41, se=2.64		t=-0.30, se=5.08	t=0.45, se=2.62	t=-0.95, se=2.77		t=-0.30, se=5.08	t=-0.93, se=2.73
V _* PresentationDefensiveV _* RacenamefChinese	p=0.68, dt=2356.00 -0.46[-5.71,4.80]		p=0.77, df=2356.00 -0.66[-10.78,9.46]	p=0.65, d1=2355.00 -0.42[-5.64,4.80] t=-0.16, se=2.66	p=0.34, df=2356.00 -2.36[-7.89,3.16]		p=0.77, df=2356.00 -0.66[-10.78,9.46] t=-0.13, sc=5.16	p=0.35, df=2355.00 -2.35[-7.79,3.10] t=-0.85, se=2.77
	-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		-2.36[-7.89,3.16] t=-0.84, se=2.82 p=0.40, df=2356.00			
V. Presentation Defensive V. Racename findian			-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 -2.34[-7.72,3.04]		-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
	t=-0.88, se=2.67 p=0.38, df=2356.00		t=-0.77, se=5.15 p=0.44, df=2356.00	t=-0.79, se=2.66 p=0.43, df=2355.00	t=-0.83, se=2.81 p=0.41, df=2356.00		t=-0.77, se=5.15 p=0.44, df=2356.00	t=-0.70, se=2.77 p=0.48, df=2355.00
$V_{\tt a} Product cigar ettes V_{\tt a} Racename f Black$					-2.34[-7.72,3.04]			
	t=-1.18, se=2.61 p=0.24, df=2356.00		t=-0.68, se=5.00 p=0.50, df=2356.00	t=-1.09, se=2.59 p=0.28, df=2355.00 3.32[-1.81,8.44]	t=-0.85, se=2.74 p=0.39, df=2356.00		t=-0.68, se=5.00 p=0.50, df=2356.00 -3.16[-13.06,6.74]	t=-0.73, se=2.70 p=0.46, df=2355.00 2.25[-3.10,7.60]
V. Producthardware supplies V. Racename fBlack	3.10[-2.06,8.27] t=1.18, se=2.63		-3.16[-13.06,6.74] t=-0.63, se=5.05	3.32[-1.81,8.44] t=1.27, se=2.62	1.96[-3.47,7.40] t=0.71, se=2.77		-3.16[-13.06,6.74] t=-0.63, se=5.05	2.25[-3.10,7.60] t=0.83, se=2.73
$V_{\star} Product to il et paper V_{\star} Racename f Black$	t=1.18, se=2.63 p=0.24, df=2356.00 -1.46[-6.62,3.71] t=-0.55, se=2.64		t=-0.63, se=5.05 p=0.53, df=2356.00 -1.02[-10.93,8.90]	t=1.27, se=2.62 p=0.20, df=2355.00 -1.36[-6.49,3.77]	t=0.71, se=2.77 p=0.48, df=2356.00 -2.18[-7.61,3.26]		t=-0.63, se=5.05 p=0.53, df=2356.00 -1.02[-10.93,8.90]	t=0.83, se=2.73 p=0.41, df=2355.00 -2.04[-7.40,3.31] t=-0.75, se=2.73
v ₂ rotuctoscoppes v ₂ tuccinimesomes	t=-0.55, se=2.64							t0.75, se-2.73
V.ProducteigarettesV.RacenamefChinese	p=0.58, df=2356.00 -1.25[-6.47,3.97]		p=0.84, df=2356.00 1.07[-8.99,11.13]	p=0.60, df=2355.00 -1.32[-6.50,3.86]	p=0.43, df=2356.00 0.24[-5.25,5.73]		p=0.84, df=2356.00 1.07[-8.99,11.13]	p=0.45, df=2355.00 0.12[-5.29,5.53]
	t=-0.47, se=2.66 r=0.64, d6=2256.00		t=0.21, se=5.13 n=0.83, d6=2256.00	t=-0.50, se=2.64 p=0.62, df=2255.00	t=0.09, se=2.80 n=0.93, df=2256.00		t=0.21, se=5.13 n=0.82, df=2256.00	t=0.04, se=2.76
$\label{eq:V_Producthardware} V _ Producthardware supplies V _ Racename f Chinese$	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	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
	t=0.98, se=2.67 p=0.33, df=2356.00		t=0.11, se=5.14 p=0.91, df=2356.00		t=0.54, se=2.80 p=0.59, df=2356.00		t=0.11, se=5.14 p=0.91, df=2356.00	
V. Product to il et paper V. Racename f Chinese	-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
	p=0.10, df=2356.00		p=0.52, df=2356.00	p=0.12, df=2355.00	p=0.19, df=2356.00		p=0.52, df=2356.00	p=0.24, df=2355.00
$V_Product cigar ettes V_Racename fIndian$	-3.49[-8.55,1.58] t=-1.35, se=2.58 p=0.18, df=2356.00		-2.12[-11.84,7.59] t0.43, 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			-2.77[-8.02,2.48] t=-1.04, se=2.68 p=0.30, df=2355.00
V.ProducthardwaresuppliesV.RacenamefIndian							t=-0.43, se=4.95 p=0.67, df=2356.00 -0.56[-9.97,8.84]	
v_r roductnarowaresuppnes v_racemanerinman	t=0.52, se=2.50		t=-0.12, se=4.80	t=0.54, se=2.48	t=0.55, se=2.63		t=-0.12, se=4.80	t=0.59, se=2.59
V_{\cdot} Producttoiletpaper V_{\cdot} RacenamefIndian	t=0.52, se=2.50 p=0.60, df=2356.00 -7.24[-12.29,-2.19]**		t=-0.12, se=4.80 p=0.91, df=2356.00 -4.57[-14.26,5.11]	t=0.54, se=2.48 p=0.59, df=2355.00 -6.93[-11.94,-1.92]**	t=0.55, se=2.63 p=0.58, df=2356.00 -3.47[-8.78,1.84]		t=-0.12, se=4.80 p=0.91, df=2356.00 -4.57[-14.26,5.11]	t=0.59, se=2.59 p=0.56, df=2355.00 -3.00[-8.23,2.24]
				t=-2.71, se=2.56				
$V_PresentationDefensiveV_Product cigar et tes V_RacenamefBlack$	p=0.00, df=2356.00 2.37[-4.96,9.70] t=0.63, se=3.74		p=0.35, df=2356.00 4.94[-9.19,19.08]	2.01[-5.27,9.29]	p=0.20, df=2356.00 4.08[-3.62,11.79]		p=0.35, df=2356.00 4.94[-9.19,19.08] t=0.69, se=7.21	p=0.26, df=2355.00 3.58[-4.01,11.17] t=0.92, se=3.87
	t=0.63, se=3.74 p=0.53, df=2356.00		t=0.69, se=7.21 p=0.49, df=2356.00	t=-2.71, sc=2.56 p=0.01, df=2355.00 2.01[-5.27,9.29] t=0.54, sc=3.71 p=0.59, df=2355.00 -5.70[-13.00,1.60] t=-1.53, sc=3.72 p=0.12, df=2355.00	t=1.04, se=3.93 p=0.30, df=2356.00		t=0.69, se=7.21 p=0.49, df=2356.00	t=0.92, se=3.87 p=0.36, df=2355.00
$V_Presentation Defensive V_Producthard ware supplies V_Racename fBlack$	p=0.53, df=2356.00 -5.48[-12.83,1.88] t=-1.46, se=3.75 p=0.14, df=2356.00		p=0.49, df=2356.00 3.45[-10.70,17.61] t=0.48, sc=7.22	-5.70[-13.00,1.60] t=-1.53 se=3.72	p=0.30, df=2356.00 0.00[-7.74,7.73] t=0.00, se=3.94		p=0.49, df=2356.00 3.45[-10.70,17.61] t=0.48, se=7.22	p=0.36, df=2355.00 -0.29[-7.90,7.33] t=-0.07, se=3.88
	p=0.14, df=2356.00			p=0.13, df=2355.00				
$V_Presentation Defensive V_Product to il et paper V_Racename fBlack$	0.68[-6.63,7.99] t=0.18, se=3.73 p=0.86, df=2356.00 1.18[-6.11,8.46]		-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	p=0.86, df=2356.00 1.18[-6.11.8.46]							
	t=0.32, se=3.71		t=-0.32, se=7.22 p=0.75, df=2356.00	t=0.36, se=3.69 p=0.72, df=2355.00	t=0.63, se=3.90 p=0.53, df=2356.00		t=-0.32, se=7.22 p=0.75, df=2356.00	t=0.71, se=3.84 p=0.48, df=2355.00
$V_PresentationDefensiveV_Producthardware suppliesV_Racename fChinese$	t=0.32, se=3.71 p=0.75, df=2356.00 -0.66[-8.05,6.72]							
	t=-0.18, se=3.77 p=0.86, df=2356.00 3.76[-3.49,11.01]		t=1.01, sc=7.32 p=0.31, df=2356.00 4.34[-9.77,18.45]	t=-0.30, se=-3.74 p=0.76, df=2355.00 3.47[-3.73,10.67] t=0.95, se=-3.67	t=0.67, se=3.95 p=0.50, df=2356.00 5.17[-2.44,12.77]		t=1.01, se=7.32 p=0.31, df=2356.00 4.34[-9.77,18.45]	t=0.51, se=3.90 p=0.61, df=2355.00 4.74[-2.77,12.24]
${\it V. Presentation Defensive V. Product to il et paper V. Racename f Chinese}$	3.76[-3.49,11.01]		4.34[-9.77,18.45]	3.47[-3.73,10.67]	5.17[-2.44,12.77]		p=0.31, dr=2356.00 4.34[-9.77,18.45] t=0.60, se=7.20	p=0.61, dr=2355.00 4.74[-2.77,12.24] t=1.24, se=3.83
			t=0.60, se=7.20	t=0.95, se=3.67 p=0.34, df=2355.00				
$V_Presentation Defensive V_Product cigarettes V_Racename fIndian$	p=0.31, df=2356.00 3.63[-3.77,11.02] t=0.96, se=3.77		p=0.55, df=2356.00 2.33[-11.95,16.61] t=0.32, se=7.28	p=0.34, df=2355.00 3.46[-3.88,10.80] t=0.92, sc=3.74	p=0.18, df=2356.00 3.32[-4.45,11.09] t=0.84, se=3.96		p=0.55, df=2356.00 2.33[-11.95,16.61] t=0.32, se=7.28	p=0.22, df=2355.00 3.09[-4.56,10.75] t=0.79, se=3.91
	p=0.34, df=2356.00		p=0.75, df=2356.00	p=0.36, df=2355.00	p=0.40, df=2356.00		p=0.75, df=2356.00	p=0.43, df=2355.00
V. Presentation Defensive V. Producthard ware supplies V. Racename fIndian	p=0.34, df=2356.00 -1.76[-9.11,5.59] t=-0.47, se=3.75 p=0.64, df=2356.00		p=0.75, df=2356.00 5.94[-8.21,20.09] t=0.82, se=7.22 p=0.41, df=2356.00	p=0.36, df=2355.00 -2.17[-9.47,5.13] t=-0.58, se=3.72 p=0.56, df=2355.00	p=0.40, df=2356.00 2.69[-5.03,10.42] t=0.68, se=3.94 p=0.49, df=2356.00		p=0.75, df=2356.00 5.94[-8.21,20.09] t=0.82, se=7.22	p=0.43, df=2355.00 2.06[-5.56,9.67] t=0.53, se=3.88 p=0.60, df=2355.00
$\label{lem:product} V_Presentation Defensive V_Product to il et paper V_Race name findian$	p=0.64, df=2356.00		p=0.41, df=2356.00		p=0.49, df=2356.00			p=0.60, df=2355.00
* * * * * * * * * * * * * * * * * * *	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	s.18[0.91,13.45]* 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	p=0.02, df=2356.00	0.06[0.04,0.07]***	p=0.42, df=2356.00		p=0.20, df=2356.00	0.08[0.06,0.10]***	p=0.42, df=2356.00	p=0.26, df=2355.00 0.10[0.07,0.12]***
		t=6.03, se=0.01 p=0.00, df=2392.00		t=5.96, se=0.01 p=0.00, df=2355.00		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		0.00		3.31		0.00	
	t=, se= p=, df= 11.06	t=, se= p=, df= 11.08	t=, sc= p=, df= 21.91	t=, se= p=, df= 10.98	t=, se= p=, df= 11.57	t=, se= p=, df= 11.51	t-, sc- p-, df- 21.91	t-, se- p-, df-
SD (Observations)	11.06 t-, se-	11.08 t-, se-	21.91 t=, se=	10.98 t-, se-	11.57	11.51	21.91 t=, sc=	p-, df- 11.43 t-, se-
	p=, df=	p=, df=	p=, df=	p=, df=	t=, se= p=, df=	t=, se= p=, df=	p=, df=	p=, df=
Num.Obs.	2395	2396	2395	2395	2395	2396	2395 0.222	2395
R2 Marg. R2 Cond.	0.035 0.097	0.015 0.081	0.222	0.049 0.109	0.025 0.098	0.027 0.094		0.054 0.120
AIC BIC	18 419.1 18 644.5	18 491.7 18 51 4.8	21 501.3 21 726.8	18 393.0 18 624.3	18 658.5 18 883.9	18 676.9 18 700.0	21 501.3 21 726.8	18 594.6 18 825.8
ICC BMSE	0.1	0.1 10.76	21.74	0.1 10.60	0.1 11.12	0.1 11.16	21.74	0.1 11.00
	10.08	10.70	41.74		11.12	11.10		

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

(Automorph)	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	p=0.21, df=2361.00 -0.64[-4.36,3.07]	p=0.00, df=2392.00	p=0.00, df=2361.00 -15.72[-22.87, -8.56]***	p=0.39, df=2360.00 0.34[-3.36.4.04]	p=0.05, df=2361.00 -0.11[-4.02.3.79]	p=0.00, df=2392.00	$\substack{\text{p=0.00, df=2361.00}\\ -15.72[-22.87, -8.56]^{***}}$	p=0.16, df=2360.00 1.39[-2.47,5.25]
Tal resulting	t0.34 so-1.89		t4 31 co-3 65	t=0.18 ee=1.89	t0.06 ee-1.99		t-4 31 so-3 65	t-0.71 ee-1.97
V_Productcigarettes	p=0.73, df=2361.00 3.43[-0.12,6.98]+		p=0.00, df=2361.00 -1.64[-8.48,5.20]	p=0.86, df=2360.00 3.52[-0.01,7.04]+	p=0.95, df=2361.00 0.40[-3.34,4.13]		p=0.00, df=2361.00 -1.64[-8.48,5.20]	p=0.48, df=2360.00 0.53[-3.14,4.21]
	t=1.89, se=1.81 p=0.06, df=2361.00		t=-0.47, se=3.49 p=0.64, df=2361.00	t=1.96, se=1.80 p=0.05, df=2360.00	t=0.21, se=1.90 p=0.84, df=2361.00		t=-0.47, se=3.49 p=0.64, df=2361.00	t=0.28, se=1.88 p=0.78, df=2360.00
V_{ω} Producthardware supplies	-0.31[-3.75.3.12]		6.04[-0.58.12.65]+	-0.71[-4.12.2.70]	-1.21[-4.82.2.40]		6.04[-0.58.12.65]+	-1.80[-5.36, 1.76]
	t=-0.18, se=1.75 p=0.86, df=2361.00		t=1.79, se=3.37 p=0.07, df=2361.00	t=-0.41, se=1.74 p=0.68, df=2360.00	t=-0.66, se=1.84 p=0.51, df=2361.00		t=1.79, se=3.37 p=0.07, df=2361.00	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		18.70[11.77,25.63]*** t=5.29. se=3.54	-0.80[-4.39,2.79] t=-0.44, $se=1.83$	-0.89[-4.68,2.89] t=-0.46, se=1.93		18.70[11.77,25.63]*** t=5.29, se=3.54	-2.73[-6.48,1.02] t=-1.43, $se=1.91$
	p=0.82, df=2361.00		p=0.00, df=2361.00	p=0.66, df=2360.00	p=0.64, df=2361.00		p=0.00, df=2361.00	p=0.15, df=2360.00
V_RacenamefBlack	-0.82[-4.36,2.72] t=-0.46, $se=1.80$		-1.25[-8.07,5.56] t=-0.36, se=3.48	-0.76[-4.27,2.75] t=-0.42, $se=1.79$	-0.36[-4.08,3.37] t=-0.19, $se=1.90$		-1.25[-8.07,5.56] t=-0.36, se=3.48	-0.24[-3.91,3.43] t=-0.13, $se=1.87$
V.RacenamefChinese	p=0.65, df=2361.00 -0.34[-4.12,3.44]		p=0.72, df=2361.00 -1.60[-8.89,5.68]	p=0.67, df=2360.00 -0.24[-3.99,3.51]	p=0.85, df=2361.00 -0.04[-4.02,3.93]		p=0.72, df=2361.00 -1.60[-8.89.5.68]	p=0.90, df=2360.00 0.11[-3.81,4.03]
V_RacenametChinese	-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	p=0.86, df=2361.00 1.51[-1.98,4.99]		p=0.67, df=2361.00	p=0.90, df=2360.00 1.43[-2.03,4.89]	p=0.98, df=2361.00 -0.42[-4.08,3.25]		p=0.67, df=2361.00	p=0.96, df=2360.00 -0.53[-4.14,3.08]
V-Machine Man	t=0.85, se=1.78		1.21[-5.50,7.92] t=0.35, se=3.42	t=0.81, se=1.76	t=-0.22, $se=1.87$		1.21[-5.50,7.92] t=0.35, se=3.42	t=-0.29, se=1.84 p=0.78, df=2360.00
V_PresentationDefensiveV_Productcigarettes	p=0.40, df=2361.00 -0.93[-6.18,4.32]		p=0.72, df=2361.00 11.98[1.87,22.09]*	p=0.42, df=2360.00 -1.65[-6.87,3.56]	p=0.82, df=2361.00 0.53[-4.99,6.05]		p=0.72, df=2361.00 11.98[1.87,22.09]*	-0.57[-6.02.4.87]
	t=-0.35, se=2.68 p=0.73, df=2361.00		t=2.32, se=5.16 p=0.02, df=2361.00	t=-0.62, se=2.66 p=0.53, df=2360.00	t=0.19, se=2.82 p=0.85, df=2361.00		t=2.32, se=5.16 p=0.02, df=2361.00	t=-0.21, se=2.78 p=0.84, df=2360.00
$V_PresentationDefensiveV_Producthard ware supplies$	-1 59[-6 82 3 64]		-14 09[-24 16 -4 02]**	-0.68[-5.88.4.52]	-3 18[-8 68 2 32]		-14 09[-24 16 -4 02]**	-1.83[-7.25.3.60]
	t=-0.60, se=2.67 p=0.55, df=2361.00		t=-2.74, se=5.14 p=0.01, df=2361.00	t=-0.26, se=2.65 p=0.80, df=2360.00	t=-1.13, se=2.80 p=0.26, df=2361.00		t=-2.74, se=5.14 p=0.01, df=2361.00	t=-0.66, se=2.77 p=0.51, df=2360.00
$V_PresentationDefensiveV_Product to il et paper$	0.66[-4.49,5.81] t=0.25, se=2.63		-12.54[-22.46,-2.62]* t=-2.48, se=5.06	1.49[-3.63,6.60] t=0.57, se=2.61	0.45[-4.97,5.87] t=0.16, se=2.76		-12.54[-22.46,-2.62]* t=-2.48, se=5.06	1.68[-3.67,7.02] t=0.62, se=2.72
	p=0.80, df=2361.00		p=0.01, df=2361.00	p=0.57, df=2360.00	p=0.87, df=2361.00		p=0.01, df=2361.00	n=0.54 df=2360.00
V_{\star} PresentationDefensive V_{\star} RacenamefBlack	1.15[-4.01,6.31] t=0.44, $se=2.63$		-1.09[-11.03,8.85] t=-0.21, $se=5.07$	1.22[-3.90,6.34] t=0.47, se=2.61	-2.43[-7.86,3.00] t=-0.88, $se=2.77$		-1.09[-11.03,8.85] t=-0.21, $se=5.07$	-2.37[-7.72,2.98] t=-0.87, se=2.73
	p=0.66, df=2361.00		p=0.83, df=2361.00	p=0.64, df=2360.00	p=0.38, df=2361.00		p=0.83, df=2361.00 -0.43[-10.53,9.68]	p=0.39, df=2360.00 -2.14[-7.57,3.30]
$V_PresentationDefensiveV_RacenamefChinese$	-0.39[-5.63,4.86] t=-0.14, se=2.68		-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, $se=2.66$	-2.13[-7.65,3.39] t=-0.76, $se=2.82$		-0.43[-10.53,9.68] t=-0.08, se=5.15 p=0.93, df=2361.00	t=-0.77, $se=2.77$
V_PresentationDefensiveV_RacenamefIndian	n=0.89 df=2361.00		p=0.93, df=2361.00 -3.78[-13.87,6.31]	p=0.89, df=2360.00 -2.12[-7.32,3.08]	p=0.45, df=2361.00 -2.24[-7.75,3.28]		p=0.93, df=2361.00 -3.78[-13.87,6.31]	p=0.44, df=2360.00 -1.86[-7.29,3.57]
v_t resentationDetensivev_Lacenameringan	-2.38[-7.62,2.86] t=-0.89, se=2.67		t=-0.73 se=5.15	t=-0.80 se=2.65	t=-0.80, $se=2.81$		t=-0.73, $se=5.15$	t=-0.67, $se=2.77$
V_ProductcigarettesV_RacenamefBlack	p=0.37, df=2361.00 -3.21[-8.32,1.90]		p=0.46, df=2361.00 -3.62[-13.42,6.18]	p=0.42, df=2360.00 -2.94[-8.01,2.13]	p=0.43, df=2361.00 -2.50[-7.88,2.87]		p=0.46, df=2361.00 -3.62[-13.42,6.18]	p=0.50, df=2360.00 -2.12[-7.42,3.17]
	t=-1.23, se=2.61		t=-0.73, se=5.00	t=-1.14 se=2.59	-2.50[-7.88,2.87] t=-0.91, se=2.74		t=-0.73, se=5.00	t=-0.79, se=2.70
$V_{\tt u} Product hardware supplies V_{\tt u} Racename f Black$	p=0.22, df=2361.00 2.87[-2.29,8.02]		p=0.47, df=2361.00 -3.34[-13.22,6.55]	p=0.26, df=2360.00 3.09[-2.03,8.21]	p=0.36, df=2361.00 1.71[-3.72,7.14]		p=0.47, df=2361.00 -3.34[-13.22,6.55]	p=0.43, df=2360.00 2.00[-3.34,7.35]
	t=1.09, se=2.63 p=0.28, df=2361.00		t=-0.66, se=5.04 p=0.51, df=2361.00	t=1.18, se=2.61 p=0.24, df=2360.00	t=0.62, se=2.77 p=0.54, df=2361.00		t=-0.66, se=5.04 p=0.51, df=2361.00	t=0.73, se=2.73 p=0.46, df=2360.00
$V_{\tt a} Product to il et paper V_{\tt a} Racename f Black$	-1.47[-6.63.3.70]		-1.20[-11.10.8.70]	-1.36[-6.48.3.77]	-2.22[-7.66,3.21] t=-0.80, se=2.77		p=0.51, df=2361.00 -1.20[-11.10,8.70]	-2.07[-7.42.3.29]
	t=-0.56, se=2.63 p=0.58, df=2361.00		t=-0.24, se=5.05 p=0.81, df=2361.00	t=-0.52, $se=2.61p=0.60$, $df=2360.00$	n=0.42 df=2361.00		t=-0.24, se=5.05 p=0.81, df=2361.00	t=-0.76, se=2.73 p=0.45, df=2360.00
$V_{\tt a} Product cigar ettes V_{\tt a} Racename f Chinese$	-1.28[-6.49,3.94] t=-0.48, se=2.66		0.97[-9.08,11.02] t=0.19, se=5.12	-1.34[-6.52,3.84] t=-0.51, $se=2.64$	0.26[-5.22,5.75] t=0.09, se=2.80		0.97[-9.08,11.02] t=0.19, se=5.12	0.15[-5.25,5.56] t=0.06, se=2.76
V_ProducthardwaresuppliesV_RacenamefChinese	p=0.63, df=2361.00		p=0.85, df=2361.00	p=0.61, df=2360.00	p=0.92, df=2361.00		p=0.85, df=2361.00 0.63[-9.43,10.69]	p=0.96, df=2360.00 1.31[-4.10,6.72]
V_ProducthardwaresuppliesV_RacenamelChinese	2.48[-2.74,7.70] t=0.93, $se=2.66$		0.63[-9.43,10.69] t=0.12, $se=5.13$	2.46[-2.73,7.64] t=0.93, se=2.64	1.35[-4.14,6.84] t=0.48, se=2.80		t=0.12 se=5.13	t=0.47, $se=2.76$
$V_Product to il et paper V_Racename f Chinese$	p=0.35, df=2361.00 -4.37[-9.65,0.91]		p=0.90, df=2361.00 -3.41[-13.59,6.77]	p=0.35, df=2360.00 -4.14[-9.38,1.11]	p=0.63, df=2361.00 -3.51[-9.07,2.05]		p=0.90, df=2361.00 -3.41[-13.59,6.77]	p=0.63, df=2360.00 -3.12[-8.60,2.35]
* _ L Total Concept par * _ Lance in interest	t=-1.62, se=2.69 p=0.10, df=2361.00		t=-0.66, se=5.19 p=0.51, df=2361.00	t=-1.55, se=2.67 p=0.12, df=2360.00	t=-1.24, se=2.83 p=0.22, df=2361.00		t=-0.66, se=5.19 p=0.51, df=2361.00	t=-1.12, se=2.79 p=0.26, df=2360.00
V_ProductcigarettesV_RacenamefIndian	-3.53[-8.59,1.54]		-2.29[-12.00, 7.42]	-3.40[-8.43,1.63]	-2.97[-8.30,2.36]		-2.29[-12.00, 7.42]	-2.80[-8.05, 2.45]
	t=-1.37, se=2.58 p=0.17, df=2361.00		t=-0.46, se=4.95 p=0.64, df=2361.00	t=-1.33, se=2.56 p=0.19, df=2360.00	t=-1.09, se=2.72 p=0.27, df=2361.00		t=-0.46, se=4.95 p=0.64, df=2361.00	t=-1.04, se=2.68 p=0.30, df=2360.00
$V_Producthardware supplies V_Race name fIndian$	1 25[-3 64 6 15]		-0.41[-9.80, 8.98]	1 28[-3 58 6 14]	1.30[-3.85, 6.45]		-0.41[-9.80.8.98]	1.35[-3.72.6.43]
	t=0.50, se=2.50 p=0.62, df=2361.00		t=-0.09, $se=4.79p=0.93$, $df=2361.00$	t=0.52, se=2.48 p=0.61, df=2360.00	t=0.49, se=2.63 p=0.62, df=2361.00		t=-0.09, se=4.79 p=0.93, df=2361.00	t=0.52, se=2.59 p=0.60, df=2360.00
$V_Product to il et paper V_Racename f Indian$	-7.26[-12.30 -2.21]**		-4 71[-14 39 4 97]	-6.93[-11.94,-1.92]**	-3.56[-8.88.1.75]		p=0.93, df=2361.00 -4.71[-14.39,4.97]	-3.07[-8.31.2.16]
	t=-2.82, se=2.57 p=0.00, df=2361.00		t=-0.95, se=4.94 p=0.34, df=2361.00	t=-2.71, se=2.56 p=0.01, df=2360.00	t=-1.31, se=2.71 p=0.19, df=2361.00		t=-0.95, se=4.94 p=0.34, df=2361.00	t=-1.15, se=2.67 p=0.25, df=2360.00
$V_PresentationDefensive V_Product cigarettes V_Racename fBlack$	2.30[-5.02,9.63] t=0.62, se=3.73		4.56[-9.55,18.68] t=0.63, se=7.20	1.97[-5.30,9.24] t=0.53, se=3.71	3.94[-3.76,11.64] t=1.00, se=3.93		4.56[-9.55,18.68] t=0.63, se=7.20	3.48[-4.11,11.07] t=0.90, se=3.87
	p=0.54, df=2361.00		p=0.53, df=2361.00	p=0.60, df=2360.00	p=0.32, df=2361.00		p=0.53, df=2361.00	p=0.37, df=2360.00
$V_PresentationDefensive V_Producthard ware supplies V_Racename fBlack$	-5.37[-12.71,1.97] t=-1.44, $se=3.74$		3.26[-10.86,17.39] t=0.45, $se=7.20$	-5.57[-12.86,1.71] t=-1.50, $se=3.72$	-0.01[-7.73,7.71] t=0.00, $se=3.94$		3.26[-10.86,17.39] t=0.45, $se=7.20$	-0.26[-7.87,7.34] t=-0.07, se=3.88
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefBlack	p=0.15, df=2361.00 0.58[-6.72,7.89]		p=0.65, df=2361.00 -1.01[-15.08,13.06]	p=0.13, df=2360.00 0.66[-6.59,7.91]	p=1.00, df=2361.00 5.15[-2.53,12.83]		p=0.65, df=2361.00 -1.01[-15.08,13.06]	p=0.95, df=2360.00 5.31[-2.26,12.88]
v_t resentationDetensivev_t roductionetpaperv_tracenameriback	t=0.16, se=3.72 p=0.88, df=2361.00		t=-0.14, se=7.18 p=0.89, df=2361.00	t=0.18, se=3.70 p=0.86, df=2360.00	t=1.32, se=3.92 p=0.19, df=2361.00		t=-0.14, se=7.18 p=0.89, df=2361.00	t=1.38, se=3.86 p=0.17, df=2360.00
V_PresentationDefensiveV_ProductcigarettesV_RacenamefChinese	p=0.88, df=2361.00 0.88[-6.40,8.15]		p=0.89, df=2361.00 -2.66[-16.80,11.48]	1.05[-6.17, 8.27]	p=0.19, df=2361.00 1.92[-5.72,9.55]		-2.66[-16.80,11.48]	p=0.17, df=2360.00 2.21[-5.32,9.74] t=0.58, se=3.84
	t=0.24, se=3.71 p=0.81, df=2361.00		t=-0.37, se=7.21 p=0.71, df=2361.00	t=0.28, se=3.68 p=0.78, df=2360.00	t=0.49, se=3.89 p=0.62, df=2361.00		t=-0.37, se=7.21 p=0.71, df=2361.00	t=0.58, se=3.84 p=0.56, df=2360.00
$V_PresentationDefensive V_Producthard ware supplies V_Racename f Chinese$	-0.56[-7.93.6.80]		7 19[-7 13 21 52]	-1.02[-8.33.6.30]	2.76[-4.97.10.50]		7 19[-7 13 21 52]	2.10[-5.53.9.73]
	t=-0.15, se=3.76 p=0.88, df=2361.00		t=0.98, se=7.30 p=0.32, df=2361.00	t=-0.27, se=3.73 p=0.79, df=2360.00	t=0.70, se=3.95 p=0.48, df=2361.00		t=0.98 se=7.30	t=0.54, se=3.89 p=0.59, df=2360.00
$V_PresentationDefensive V_Product to il et paper V_Racename f Chinese$	p=0.88, df=2361.00 3.54[-3.70,10.78]		4 01[-10 08 18 10]	p=0.79, df=2360.00 3.27[-3.92,10.46]	p=0.48, df=2361.00 4.72[-2.89,12.32]		p=0.32, df=2361.00 4.01[-10.08,18.10]	p=0.59, df=2360.00 4.31[-3.19,11.81]
	t=0.96, se=3.69 p=0.34, df=2361.00		t=0.56, se=7.19 p=0.58, df=2361.00	t=0.89, se=3.67 p=0.37, df=2360.00	t=1.22, se=3.88 p=0.22, df=2361.00		t=0.56, se=7.19 p=0.58, df=2361.00	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		2.34[-11.93,16.60] t=0.32, se=7.27	3.54[-3.80,10.87] t=0.95, se=3.74	3.15[-4.62,10.91] t=0.79, se=3.96		2.34[-11.93,16.60] t=0.32, se=7.27	2.92[-4.74,10.57] t=0.75, se=3.90
	p=0.33, df=2361.00		p=0.75, df=2361.00	n=0.34 df=2360.00	n=0.43 df=2361.00		p=0.75, df=2361.00	n=0.45 df=2360.00
$\label{lem:vpresentationDefensiveVproduct} V_PresentationDefensiveV_Producthardware supplies V_RacenamefIndian$	-1.56[-8.90,5.78] t=-0.42, $se=3.74$		5.70[-8.43,19.83] t=0.79, se=7.20	-1.96[-9.24,5.33] t=-0.53, $se=3.72$	2.77[-4.95,10.49] t=0.70, se=3.94		5.70[-8.43,19.83] t=0.79, $se=7.20$	2.16[-5.44,9.77] t=0.56, se=3.88
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefIndian	p=0.68, df=2361.00 8.67[1.36,15.99]*		p=0.43, df=2361.00 5.66[-8.43,19.76]	p=0.60, df=2360.00	p=0.48, df=2361.00		p=0.43, df=2361.00 5.66[-8.43,19.76]	p=0.58, df=2360.00 4.39[-3.18,11.97]
* ContrationDetensive v roductionerpaper v racenamerindian	t=2.33, $se=3.73$		t=0.79, se=7.19	8.28[1.02,15.54]* t=2.24, se=3.70	4.97[-2.73,12.66] t=1.27, $se=3.92$		t=0.79, se=7.19	t=1.14, se=3.86
MWPre_Post	p=0.02, df=2361.00	0.06[0.04,0.07]***	p=0.43, df=2361.00	p=0.03, df=2360.00 0.06[0.04,0.08]***	p=0.21, df=2361.00	0.08[0.06,0.10]***	p=0.43, df=2361.00	p=0.26, df=2360.00 0.10[0.07,0.12]***
		t=6.03, se=0.01 p=0.00, df=2392.00		t=6.03, se=0.01 p=0.00, df=2360.00		t=8.20, se=0.01 p=0.00, df=2392.00		t=8.68, se=0.01 p=0.00, df=2360.00
SD (Intercept ID)	2.92	2.97	0.00	2.88	3.36	3.15	0.00	3.18
	t=, se= p=, df=	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
SD (Observations)	11.05	11.08	21.91	10.97	11.57	11.51	21.91	11.43
	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=	t=, se= p=, df=
Num.Obs.	2395	2396	2395	2395	2395	2396	2395	2395
R2 Marg. R2 Cond.	0.033 0.096	0.015 0.081	0.222	0.047 0.109	0.021 0.097	0.027 0.094	0.222	0.051 0.119
AIC BIC	18 412.7 18 609.3	18 491.7 18 514.8	21 499.9 21 696.5	18 385.9 18 588.2	18 655.9 18 852.4	18 676.9 18 700.0	21 499.9 21 696.5	18 590.9 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]	1.08[0.58,1.59]***	11.55[8.16.14.94]***	0.82[-0.91.2.55]	2.02[0.21.3.83]*	0.85[0.32.1.37]**	11.55[8.16.14.94]***	1.02[-0.78.2.82]
(intercept)	t=1.63, se=0.88	t=4.19, se=0.26	t=6.68, se=1.73	t=0.93, se=0.88	t=2.19, se=0.92	t=3.13, se=0.27	t=6.68, se=1.73	t=1.11, se=0.92
	p=0.10, df=2377.00	p=0.00, df=2392.00	p=0.00, df=2377.00	p=0.35, df=2376.00	p=0.03, df=2377.00	p=0.00, df=2392.00	p=0.00, df=2377.00	p=0.27, df=2376.00
V_PresentationDefensive	-1.41[-4.04.1.22]	p-0.00, ui-2002.00	-22.82[-27.99,-17.66]***	-0.20[-2.85,2.46]	-1.63[-4.38.1.13]	p-0.00, u1-2002.00	-22.82[-27.99,-17.66]***	0.36[-2.39,3.12]
	t=-1.05, $se=1.34$		t=-8.66, se=2.63	t=-0.14, se=1.35	t=-1.16, se=1.40		t=-8.66, se=2.63	t=0.26, se=1.41
	p=0.29, df=2377.00		p=0.00, df=2377.00	p=0.89, df=2376.00	p=0.25, df=2377.00		p=0.00, df=2377.00	p=0.80, df=2376.00
V_ProductMorMorallyQuestionable	2.13[-0.39, 4.65]+		5.12[0.17,10.06]*	1.84[-0.67, 4.34]	0.40[-2.23, 3.04]		5.12[0.17,10.06]*	-0.07[-2.67, 2.53]
	t=1.66, se=1.28		t=2.03, se=2.52	t=1.44, se=1.28	t=0.30, se=1.34		t=2.03, se=2.52	t=-0.06, se=1.33
	p=0.10, df=2377.00		p=0.04, df=2377.00	p=0.15, df=2376.00	p=0.76, df=2377.00		p=0.04, df=2377.00	p=0.96, df=2376.00
V_RacenamefBlack	0.46[-2.10, 3.01]		-3.21[-8.26,1.84]	0.62[-1.92, 3.16]	0.50[-2.17, 3.17]		-3.21[-8.26,1.84]	0.77[-1.87, 3.41]
	t=0.35, se=1.30		t=-1.25, se=2.57	t=0.48, se=1.30	t=0.37, se=1.36		t=-1.25, se=2.57	t=0.57, se=1.35
V_RacenamefChinese	p=0.72, df=2377.00 0.96[-1.66.3.59]		p=0.21, df=2377.00 -1.23[-6.39.3.92]	p=0.63, df=2376.00 1.03[-1.58.3.64]	p=0.72, df=2377.00 0.66[-2.09.3.41]		p=0.21, df=2377.00 -1.23[-6.39.3.92]	p=0.57, df=2376.00 0.78[-1.93.3.49]
V_RacenameiChinese	0.96[-1.66,3.59] t=0.72, se=1.34		-1.23[-6.39,3.92] t=-0.47, se=2.63	t=0.78, se=1.33	0.66[-2.09,3.41] t=0.47, se=1.40		-1.23[-6.39,3.92] t=-0.47, se=2.63	0.78[-1.93,3.49] t=0.56, se=1.38
	p=0.47, df=2377.00		p=0.64, df=2377.00	p=0.44, df=2376.00	p=0.64, df=2377.00		p=0.64, df=2377.00	p=0.57, df=2376.00
V.RacenamefIndian	2.14[-0.30,4.58]+		0.88[-3.94,5.69]	2.09[-0.34,4.52]+	0.27[-2.29,2.82]		0.88[-3.94,5.69]	0.20[-2.32,2.72]
V _LONC.IIIIII.	t=1.72, se=1.25		t=0.36, se=2.46	t=1.69, se=1.24	t=0.20, se=1.30		t=0.36, se=2.46	t=0.15, se=1.29
	p=0.09, df=2377.00		p=0.72, df=2377.00	p=0.09, df=2376.00	p=0.84, df=2377.00		p=0.72, df=2377.00	p=0.88, df=2376.00
V.PresentationDefensiveV.ProductMorMorallyOuestionable	0.51[-3.18,4.19]		6.88[-0.36,14.12]+	0.16[-3.50,3.83]	1.90[-1.95.5.76]		6.88[-0.36,14.12]+	1.33[-2.47,5.14]
	t=0.27, se=1.88		t=1.86, se=3.69	t=0.09, sc=1.87	t=0.97, se=1.97		t=1.86, se=3.69	t=0.69, se=1.94
	p=0.79, df=2377.00		p=0.06, df=2377.00	p=0.93, df=2376.00	p=0.33, df=2377.00		p=0.06, df=2377.00	p=0.49, df=2376.00
V.PresentationDefensiveV.RacenamefBlack	-1.60[-5.27,2.07]		0.43[-6.80, 7.66]	-1.62[-5.27, 2.04]	-2.61[-6.45,1.24]		0.43[-6.80, 7.66]	-2.66[-6.46,1.14]
	t=-0.85, $se=1.87$		t=0.12, se=3.69	t=-0.87, se=1.86	t=-1.33, $se=1.96$		t=0.12, se=3.69	t=-1.37, $se=1.94$
	p=0.39, df=2377.00		p=0.91, df=2377.00	p=0.39, df=2376.00	p=0.18, df=2377.00		p=0.91, df=2377.00	p=0.17, df=2376.00
V_PresentationDefensiveV_RacenamefChinese	-0.75[-4.51,3.02]		3.06[-4.27,10.40]	-0.91[-4.66, 2.83]	-0.81[-4.76, 3.13]		3.06[-4.27,10.40]	-1.12[-5.01, 2.78]
	t=-0.39, $se=1.92$		t=0.82, se=3.74	t=-0.48, $se=1.91$	t=-0.40, $se=2.01$		t=0.82, se=3.74	t=-0.56, se=1.99
	p=0.70, df=2377.00		p=0.41, df=2377.00	p=0.63, df=2376.00	p=0.69, df=2377.00		p=0.41, df=2377.00	p=0.57, df=2376.00
V_{\star} PresentationDefensive V_{\star} RacenamefIndian	-3.26[-6.95,0.42]+		-0.94[-8.19,6.30]	-3.21[-6.87,0.46]+	-0.94[-4.80, 2.91]		-0.94[-8.19,6.30]	-0.88[-4.69, 2.92]
	t=-1.74, $se=1.88$		t=-0.26, $se=3.69$	t=-1.72, se=1.87	t=-0.48, se=1.97		t=-0.26, se=3.69	t=-0.46, $se=1.94$
V_ProductMorMorallyQuestionableV_RacenamefBlack	p=0.08, df=2377.00 -3.64[-7.33,0.05]+		p=0.80, df=2377.00 -0.34[-7.56,6.88]	p=0.09, df=2376.00 -3.59[-7.26,0.07]+	p=0.63, df=2377.00 -3.22[-7.08,0.64]		p=0.80, df=2377.00 -0.34[-7.56,6.88]	p=0.65, df=2376.00 -3.15[-6.96,0.66]
v FroductMorMorallyQuestionablev Racenamerbiack	-3.64[-7.33,0.05]+ t=-1.94, se=1.88		-0.34[-7.36,6.88] t=-0.09, se=3.68	-3.59[-7.26,0.07]+ t=-1.92, se=1.87	-3.22[-7.08,0.64] t=-1.64, se=1.97		-0.34[-7.36,6.88] t=-0.09, se=3.68	-3.15[-6.96,0.06] t=-1.62, se=1.94
	p=0.05, df=2377.00		p=0.93, df=2377.00	p=0.05, df=2376.00	p=0.10, df=2377.00		p=0.93, df=2377.00	p=0.11, df=2376.00
V_ProductMorMorallyQuestionableV_RacenamefChinese	-4.08[-7.77,-0.40]*		-1.53[-8.78,5.71]	-4.00[-7.67,-0.34]*	-2.27[-6.13,1.59]		-1.53[-8.78.5.71]	-2.12[-5.93,1.69]
	t=-2.17, se=1.88		t=-0.42, sc=3.69	t=-2.14, se=1.87	t=-1.15, se=1.97		t=-0.42, se=3.69	t=-1.09, se=1.94
	p=0.03, df=2377.00		p=0.68, df=2377.00	p=0.03, df=2376.00	p=0.25, df=2377.00		p=0.68, df=2377.00	p=0.27, df=2376.00
V_ProductMorMorallyQuestionableV_RacenamefIndian	-6.20[-9.78,-2.62]***		-2.54[-9.54, 4.45]	-6.06[-9.62,-2.50]***	-4.01[-7.76, -0.26]*		-2.54[-9.54,4.45]	-3.79[-7.49,-0.09]*
* *	t=-3.40, $se=1.83$		t=-0.71, $se=3.57$	t=-3.34, $se=1.82$	t=-2.10, $se=1.91$		t=-0.71, $se=3.57$	t=-2.01, se=1.89
	p=0.00, df=2377.00		p=0.48, df=2377.00	p=0.00, df=2376.00	p=0.04, df=2377.00		p=0.48, df=2377.00	p=0.04, df=2376.00
V.PresentationDefensiveV.ProductMorMorallyQuestionableV.RacenamefBlack	4.32[-0.88, 9.53]		0.51[-9.72,10.74]	4.28[-0.89, 9.46]	4.81[-0.64,10.25]+		0.51[-9.72,10.74]	4.76[-0.62,10.14]+
	t=1.63, se=2.65		t=0.10, se=5.22	t=1.62, se=2.64	t=1.73, se=2.78		t=0.10, $se=5.22$	t=1.74, se=2.74
	p=0.10, df=2377.00		p=0.92, df=2377.00	p=0.10, df=2376.00	p=0.08, df=2377.00		p=0.92, df=2377.00	p=0.08, df=2376.00
$V_Presentation Defensive V_Product MorMorally Questionable V_Racename f Chinese Product MorMorally Questionable Product MorMorally Product MorAlly Questionable Product MorAlly Q$			-2.63[-12.87, 7.61]	2.76[-2.37, 7.89]	2.05[-3.34, 7.44]		-2.63[-12.87, 7.61]	2.28[-3.04, 7.61]
	t=1.00, se=2.63		t=-0.50, $se=5.22$	t=1.05, se=2.62	t=0.75, se=2.75		t=-0.50, se=5.22	t=0.84, se=2.72
V_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefIndian	p=0.32, df=2377.00		p=0.61, df=2377.00	p=0.29, df=2376.00	p=0.46, df=2377.00		p=0.61, df=2377.00	p=0.40, df=2376.00
v_rresentationDefensivev_rroductMorMorMorMyQuestionablev_racenameIIIIdian	7.34[2.15,12.53]** t=2.77, se=2.65		0.80[-9.43,11.02] t=0.15, se=5.22	7.29[2.12,12.45]** t=2.77, se=2.63	2.92[-2.51,8.36] t=1.05, se=2.77		0.80[-9.43,11.02] t=0.15, se=5.22	2.87[-2.49,8.24] t=1.05, se=2.74
	p=0.01, df=2377.00		t=0.15, se=5.22 p=0.88, df=2377.00	p=0.01, df=2376.00	p=0.29, df=2377.00		p=0.88, df=2377.00	p=0.29, df=2376.00
MWPre_Post	p=0.01, di=2311.00	0.06[0.04.0.07]***	p=0.88, til=2311.00	0.05[0.03.0.07]***	p=0.25, ui=2511.00	0.08[0.06.0.10]***	p=0.88, ti=2377.00	0.09[0.07,0.11]***
MINITICAL ON		t=6.03, se=0.01		t=5.18, se=0.01		t=8.20, se=0.01		t=8.11, se=0.01
		p=0.00, df=2392.00		p=0.00, df=2376.00		p=0.00, df=2392.00		p=0.00, df=2376.00
SD (Intercept ID)	2.89	2.97	0.00	2.86	3.28	3.15	0.00	3.08
	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)	11.12	11.08	22.48	11.07	11.59	11.51	22.48	11.48
	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.	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
		0.015 0.081	0.176	0.028 0.089	0.014 0.087	0.027	0.176	0.040 0.105
R2 Marg. R2 Cond. AIC	0.017		0.176 21 677.6				0.176 21 677.6	
R2 Marg. R2 Cond. AIC BIC	0.017 0.079 18 471.8 18 575.9	0.081 18 491.7 18 514.8		0.089 18 454.5 18 564.3	0.087	0.094		0.105 18 637.0 18 746.8
R2 Marg. R2 Cond. AIC	0.017 0.079 18 471.8	0.081 18 491.7	21 677.6	0.089 18 454.5	0.087 18 692.5	0.094 18 676.9	21 677.6	0.105 18 637.0

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 noth	CC A path	CC C' nath	TC C noth	TC B path	TC A nath	TC C' nath
(Intercept)	-0.05[-4.39,4.28] t=-0.02, se=2.21	1.08[0.58,1.59]*** t=4.19, se=0.26	10.22[1.87,18.58]*	-0.69[-5.00,3.61] t=-0.32, se=2.20	2.30[-2.25,6.86] t=0.99, se=2.32	0.85[0.32,1.37]** t=3.13. se=0.27	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
V.PresentationDefensive	p=0.98, df=2356.00 =0.63[=4.35.3.08]	p=0.00, df=2392.00	t=2.40, se=4.26 p=0.02, df=2356.00 -15.52f=22.68 -8.35f***	p=0.75, df=2355.00 0.31(-3.38.4.03)	p=0.32, df=2356.00 =0.01[=3.92.3.89]	p=0.00, df=2392.00		p=0.56, df=2355.00 1.465_2.40.5.335
1,2100000000000000000000000000000000000	t=-0.33, se=1.90 p=0.74, df=2356.00		t=-4.25, se=3.65 p=0.00, df=2356.00	t=0.17, se=1.80 p=0.86, df=2355.00	t=-0.01, sc=1.99 p=0.90, df=2356.00		t=-4.25, se=3.65 p=0.00, df=2356.00 -1.79[-8.63,5.06]	t=0.74, se=1.97 p=0.46, df=2355.00
V_Producteigneettes							-1.79[-8.63,5.06]	
V.Producthardwaresumlies	t=1.86, se=1.81 p=0.06, df=2356.00 -0.39[-3.83,3.05]		t=-0.51, se=3.49 p=0.61, df=2356.00 6.17[-0.46,12.80]+	t=1.92, se=1.80 p=0.05, df=2355.00 -0.79[-4.21,2.63]	t=0.15, se=1.90 p=0.88, df=2356.00 -1.35[-4.97,2.27]		t=-0.51, se=3.49 p=0.61, df=2356.00 6.17[-0.46,12.80]+	t=0.24, se=1.88 p=0.81, df=2355.00 -1.95[-5.52,1.62]
V.Producthardwaresupplies								
V.Producttolletpaper	p=0.83, df=2356.00 0.43[-3.17,4.03] t=0.23, se=1.84		p=0.07, df=2356.00 18.60[11.65,25.54]***	p=0.65, df=2355.00 -0.77[-4.37,2.83] t=-0.42, se=1.84	p=0.46, df=2356.00 -0.94[-4.73,2.85] t=-0.49, se=1.93		p=0.07, df=2356.00 18.66(11.65,25.54)***	p=0.28, df=2355.00 -2.76[-6.51,1.00] t=-1.44, se=1.91
V_Racenameffilisck	t=0.23, se=1.84 p=0.82, df=2356.00 -0.89[-4.43,2.65]		t=5.25, se=3.54 p=0.00, df=2356.00 -1.30[-8.21,5.42]	t=-0.42, se=1.84 p=0.67, df=2355.00 -0.82[-4.33,2.70]	t=-0.49, se=1.93 p=0.63, df=2356.00 -0.42[-4.14,3.30]		t=5.25, se=3.54 p=0.00, df=2356.00 -1.30[-8.21,5.42]	t=-1.44, se=1.91 p=0.15, df=2355.00 -0.30[-3.96,3.37]
V BacenamedSlack	-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, sc=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.Racename@hinese	p=0.62, dr=2356.00 -0.35[-4.13,3.43]		p=0.69, d1=2356.00 -1.66[-8.94,5.63]	p=0.65, dE=2355.00 -0.25[-4.01,3.51]	p=0.82, df=2356.00 0.00[-3.98,3.98]		p=0.69, dt=2356.00 -1.66[-8.94,5.63]	p=0.87, df=2355.00 0.16[-3.76,4.07]
	-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		1.22[-5.49,7.94] t=0.36, se=3.42	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 -0.02[-0.11,0.07]		1.22[-5.49,7.94] t=0.36, se=3.42	-0.55[-4.16,3.06] t=-0.30, se=1.84
V_Age	p=0.39, df=2356.00 0.02[-0.07,0.10]		p=0.72, df=2356.00 -0.06[-0.22,0.10]		p=0.82, df=2356.00 -0.02[-0.11,0.07]		p=0.72, df=2356.00 -0.06[-0.22,0.10]	p=0.76, df=2355.00 -0.01[-0.10,0.07]
	t=0.44, se=0.04 p=0.66, df=2356.00		t=-0.71, se=0.08 p=0.48, df=2356.00	t=0.54, se=0.04 p=0.59, df=2355.00 0.74[-0.38,1.85]	t=-0.42, se=0.05 p=0.68, df=2356.00		t=-0.71, se=0.08 p=0.48, df=2356.00 0.66[-1.50,2.81]	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			0.74[-0.38,1.85] t=1.30, se=0.57	1.22[0.04,2.46]* t=2.03, se=0.60 p=0.04, df=2356.00		0.66[-1.50,2.81] t=0.60, se=1.10	1.18[0.02,2.34]* t=2.00, se=0.59 p=0.05, df=2355.00
V.Locationnearby			t=0.60, se=1.10 p=0.55, df=2356.00 -1.02[-3.21,1.17]	t=1.30, se=0.57 p=0.19, df=2355.00 0.10[-1.03,1.23]			t=0.60, se=1.10 p=0.55, df=2356.00 -1.02[-3.21,1.17]	
	t=0.05, se=0.58 p=0.96, df=2356.00 0.93[-0.20,2.05]							
V_StoreTypedepartmentstore			p=0.36, df=2356.00 1.19[-0.98,3.36] t=1.07, se=1.11	p=0.86, df=2355.00 0.84[-0.28,1.96] t=1.47, se=0.57	p=0.61, df=2356.00 0.58[-0.60,1.76] t=0.96, se=0.60		1.19[-0.98,3.36] t=1.07 se=1.11	p=0.49, df=2355.00 0.45[-0.72,1.61] t=0.75, se=0.59
V.Stoo/Typesupermarket	p=0.11, df=2356.00 0.90(_0.22.2.02)		p=0.28, df=2356.00 0.93[-1.23,3.09]	p=0.14, df=2355.00 0.84[_0.28.1.95]	p=0.34, df=2356.00 1.29[0.11,2.47]*		p=0.28, df=2356.00 0.93[-1.23,3.09]	p=0.45, df=2355.00 1.20[0.04,2.36]*
	p=0.11, df=2356.00 0.90[-0.22,2.02] t=1.57, se=0.57 p=0.12, df=2356.00		t=0.84, se=1.10	p=0.14, df=2355.00 0.84[-0.28,1.95] t=1.47, se=0.57 p=0.14, df=2355.00	t=2.14, se=0.60		t=0.84, se=1.10	t=2.02, se=0.59
V.PresentationDefensiveV.Productrigurettes	-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	p=0.71, df=2356.00		p=0.02, df=2356.00	p=0.52, df=2355.00	p=0.91, df=2356.00		p=0.02, df=2356.00	p=0.78, df=2355.00
12 manual manual 2 manual management	-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	-3.08[-8.58,2.43] t=-1.10, se=2.81		-14.26[-24.34,-4.17]** t=-2.77, se=5.14 p=0.01, df=2356.00 -12.70[-22.62,-2.77]*	-1.71[-7.15,3.72] t=-0.62, se=2.77
$\label{eq:V.PropositionDefensiveV.Product} V.ProsuntationDefensiveV.Producttoiletpaper$	0.665-4.49.5.81			p=0.84, df=2355.00 1.49[-3.63,6.61]	p=0.27, df=2356.00 0.41[-5.01,5.82]		-12.70[-22.62,-2.77]*	p=0.54, df=2355.00 1.64[-3.70,6.98]
V.ProsentationDefendreV.BaccuamefBlack	t=0.25, se=2.63 p=0.80, df=2356.00 1.07[-4.10.6.24]		t=-2.51, se=5.06 p=0.01, df=2356.00 -1.50f-11.46.8.45	t=0.57, se=2.61 p=0.57, df=2355.00 1.17[-3.96.6.30]	t=0.15, se=2.76 p=0.88, df=2356.00 -2.63[-8.06.2.80]		t=-2.51, se=5.06 p=0.01, df=2356.00 -1.50[-11.46.8.45]	t=0.60, se=2.72 p=0.55, df=2355.00 -2.53[-7.88.2.83]
V PresentationDenotive Juscentinetimics	t=0.41, se=2.64 p=0.68, df=2356.00		t=-0.30, se=5.08 p=0.77, df=2356.00	1:17[-3:36,6:36] t=0.45, se=2.62 p=0.65, df=2335.00 -0.42[-5.64,4:80]	t=-0.95, se=2.77 p=0.34, df=2356.00		t=-0.30, se=5.08 p=0.77, df=2356.00	t=-0.93, se=2.73 p=0.35, df=2355.00
V. Presentation Defensive V. Ruccuame f Chinese	-0.46[-5.71,4.80] t::-0.17, se::2.68		-0.66[-10.78,9.46] t=-0.13, se=5.16	-0.42[-5.64,4.80] t=-0.16, se=2.66	-2.36[-7.89,3.16] t=-0.84, se=2.82		-0.66[-10.78,9.46] t=-0.13, se=5.16	-2.35[-7.79,3.10] t=-0.85, se=2.77
V.PresentationDefensiveV.Rucenamefindian	t=-0.17, se=2.68 p=0.87, df=2356.00 -2.36[-7.61,2.88]		t=-0.13, se=5.16 p=0.90, df=2356.00	t=-0.16, se=2.66 p=0.87, df=2355.00 -2.00[-7.30,3.12]	t=-0.84, se=2.82 p=0.40, df=2356.00		t=-0.13, se=5.16 p=0.90, df=2356.00 -3.97[-14.07,6.13]	t=-0.85, se=2.77 p=0.40, df=2355.00
V PresentationDefensiveV RacenametIndian			p:=0.90, df=2356.00 -3.97[-14.07,6.13] t:=-0.77, se=5.15		p=0.40, df=2356.00 -2.34[-7.85,3.17] t=-0.83, se=2.81			p=0.40, df=2355.00 -1.95[-7.38,3.48] t=-0.70, se=2.77
V.ProducteigarettesV.RacenamefBlack	p=0.38, df=2356.00 -3.07[-8.18,2.05]		p=0.44, df=2356.00 -3.40[-13.21,6.41]	p=0.43, df=2355.00 -2.81[-7.89,2.26]	p=0.41, df=2356.00 -2.34[-7.72,3.04]		p=0.44, df=2356.00 -3.40[-13.21,6.41]	p=0.48, df=2355.00 -1.98[-7.28,3.32]
	t=-1.18, se=2.61 p=0.24, df=2356.00		t=-0.68, se=5.00 p=0.50, df=2356.00	t=-1.09, se=2.59 p=0.28, df=2355.00	t=-0.85, se=2.74 p=0.39, df=2356.00		t=-0.68, se=5.00 p=0.50, df=2356.00	t=-0.73, se=2.70 p=0.46, df=2355.00
V. Producthardware supplies V. Racename fBlack	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[-3.47,7.46] 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
V.ProducttoiletpoperV.Racenameffilack	p=0.24, df=2356.00 -1.46[-6.62,3.71] t=-0.55, se=2.64		p=0.53, df=2356.00 -1.02[-10.93,8.90] t=-0.20, se=5.05	p=0.20, df=2355.00 -1.36[-6.49,3.77] t=-0.52, se=2.62	p=0.48, df=2356.00 -2.18[-7.61,3.26] t=-0.79, se=2.77		p=0.53, df=2356.00 -1.02[-10.93,8.90] t=-0.20, se=5.05	p=0.41, df=2355.00 -2.04[-7.40,3.31] t=-0.75, se=2.73
				t=-0.52, se=2.62 p=0.60, df=2355.00 -1.32[-6.50,3.86]			t=-0.20, se=5.05 p=0.84, df=2356.00 1.07[-8.99,11.13]	
V. Product cigarettes V. Racename Chinese	-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		1.67[-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_RucenamefChinese								
	t=0.98, se=2.67 p=0.33, df=2356.00		t=0.11, se=5.14 p=0.91, df=2356.00 -3.35[-13.54,6.83]	t=0.58, se=2.65 p=0.33, df=2355.00	t=0.54, se=2.80 p=0.50, df=2356.00		t=0.11, se=5.14 p=0.91, df=2356.00 -3.35[-13.54,6.83]	t=0.54, se=2.76 p=0.50, df=2355.00
V.ProducttolletpoperV.Racenome/Chinese	-4.44[-9.72,0.85]			-4.21[-9.46,1.04]	-3.68[-9.24,1.88] +1.30 m-2.83			-3.30[-8.78,2.17]
V.ProducteigarettesV.Racenamefindian	p=0.10, df=2356.00 -3.49[-8.55,1.58] t=-1.35, se=2.58		p:=0.52, df=2356.00 -2.12[-11.84,7.59]	p=0.12, df=2355.00 -3.37[-8.40,1.06]	p=0.19, df=2356.00 -2.93[-8.26,2.40]		p=0.52, df=2356.00 -2.12[-11.84,7.59]	p=0.24, df=2355.00 -2.77[-8.02,2.48] t=-1.04, se=2.68
	t=-1.35, se=2.58 n=0.18, df=2356.00							t=-1.04, se=2.68 p=0.30, df=2355.00
$V_Producthardware supplies V_Racename fIndian$	p=0.18, df=2356.00 1.30[-3.60,6.21] t=0.52 se=2.50		p=0.67, df=2356.00 -0.56[-9.97,8.84] t=-0.12 w=4.80	p=0.19, df=2355.00 1.34[-3.53,6.21] t=0.54, se=2.48	p=0.28, df=2356.00 1.45[-3.70,6.61] t=0.55, se=2.63		p=0.67, df=2356.00 -0.56[-9.97,8.84] t=-0.12, se=4.80	1.52[-3.56,6.60]
V.ProducttolletpoperV.Racemenefladian	t=0.52, se=2.50 p=0.60, df=2356.00 _7.24[_12.20 _2.10]**		t=-0.12, se=4.80 p=0.91, df=2356.00 -4.52[-14.26.5.11]	n=0.59 AF=2355.00			p=0.91, df=2356.00 -4.57[-14.26,5.11] t=-0.93, se=4.94 p=0.35, df=2356.00	
	-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		t=-0.93, se=4.94 n=0.35, df=2356.00	-3.00[-8.23,2.24] t=-1.12, se=2.67 p=0.26, df=2355.00
eq:V.ProsentationDefensiveV.Productcigarettes V.RacenamefBlack	2.37[-4.96,9.76] t=0.63, se=3.74		4.94[-9.19,19.08] t=0.69, se=7.21	2.01[-5.27,9.29] t=0.54, se=3.71	4.08[-3.62,11.79] t=1.04, se=3.93		4.94[-9.19,19.08] t=0.69, se=7.21	3.58[-4.01,11.17] t=0.92, se=3.87
$V_s Presentation Defensive V_s Product hardware supplies V_s Racename f Black\\$	p=0.53, df=2356.00 -5.48[-12.83.1.88]		p=0.49, df=2356.00	p=0.59, df=2355.00 -5.70[-13.00,1.60]	p=0.30, df=2356.00 0.00[-7.74,7.73]		p=0.49, df=2356.00 3.45[-10.70,17.61]	p=0.36, df=2355.00 -0.29[-7.90,7.33]
	t=-1.46, se=3.75 n=0.14 df=2356.00		t=0.48, se=7.22 p=0.63, df=2356.00	t=-1.53, se=3.72 p=0.13, df=2355.00	t=0.00, se=3.94 p=1.00, df=2356.00		t=0.48, se=7.22 p=0.63, df=2356.00	t=-0.07, se=3.88 p=0.94, df=2355.00
$\label{eq:V.ProsentationDefensiveV.Product} V.ProsentationDefensiveV.ProducttoiletpaperV.RacenamefBlack$	0.68[-6.63,7.99] t=0.18, se=3.73 p=0.86, df=2356.00		-0.66[-14.75,13.42]	0.74[-6.52,7.99] t=0.20 ne=3.70	5.31[-2.38,12.99]		-0.66[-14.75,13.42] t0.09 wr-7.18	5.43[-2.14,13.00] t=1.41 w=3.86
V.ProsentationDefendreV.ProductrisarettesV.BacemanefChinese	p=0.86, df=2356.00 1.185-6.11.8.46		p=0.93, df=2356.00 -2.30[-16.66.11.87]	p=0.84, df=2355.00	p=0.18, df=2356.00 2.45[-5.19.10.10]		p=0.93, df=2356.00 -2.30(-16.46.11.87)	p=0.16, df=2355.00
variations/density Productiquestosy IncommetChine	t=0.32 se=3.71		t0.32 w-7.22	1.32[-5.91,8.55] t=0.36, se=3.69	t=0.63 w=3.90		t0.37 w-7.22	2.71[-4.83,10.25] t=0.71, se=3.84
$\label{prop:continuous} V.Presentation Defensive V.Producthardware supplies V.Racenome Chinese$	p=0.75, df=2356.00 -0.66[-8.05,6.72] t=-0.18, se=3.77		p=0.75, df=2356.00 7.37[-6.98,21.73] t=1.01, se=7.32	p=0.72, df=2355.00 -1.12[-8.46,6.21] t=-0.30, se=3.74	p=0.53, df=2356.00 2.66[-5.09,10.41]		p=0.75, df=2356.00 7.37[-6.98,21.73] t=1.01, se=7.32	p=0.48, df=2355.00 1.98[-5.66,9.62]
V_PresentationDefensiveV_ProducttoiletpaperV_RacenamefChinese	t=-0.18, se=3.77 p=0.86, df=2356.00 3.76[-3.49,11.01]		v=0.31 df=2356.00	t==0.30, se=3.74 p=0.76, di=2355.00 3.47[-3.73,10.67]	t=0.67, se=3.95 p=0.50, df=2356.00 5.17[-2.44,12.77]		t=1.01, se=7.32 p=0.31, df=2356.00 4.34[-9.77,18.45]	t=0.51, se=3.90 p=0.61, df=2355.00 4.74[-2.77,12.24]
v_resentationi.lefensiveV_f'roductiolletpaperV_flacenamefChinese	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	t=1.24, se=3.83
lem:vpresentationDefensiveVProduct cigarettes V. Racename f Indian	p=0.31, dt=2356.00 3.63[-3.77,11.02]		p=0.55, df=2356.00 2.33[-11.95,16.61] t=0.32, se=7.28	p=0.34, df=2355.00 3.46[-3.88,10.80] t=0.92, se=3.74	p=0.18, df=2356.00 3.32[-4.45,11.09]		p=0.55, dr=2356.00 2.33[-11.95,16.61]	p=0.22, df=2355.00 3.09[-4.56,10.75] t=0.79, se=3.91
	3.63[-3.77,11.02] t=0.96, se=3.77 p=0.34, df=2356.00		p=0.75, df=2356.00	t=0.92, se=3.74 p=0.36, df=2355.00 -2.17[-9.47,5.13]	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	
$\label{eq:VPresentationDefensiveVProducthardware supplies VR access mellindian} VP resentation Defensive VP reducthardware supplies VR access melling and the product of $	-1.76[-9.11,5.59] t=-0.47, se=3.75		5.94[-8.21,20.09] t=0.82, se=7.22	t=-0.58, se=3.72	2.69[-5.03,10.42] t=0.68, se=3.94		5.94[-8.21,20.09] t=0.82, se=7.22	2.06[-5.56,9.67] t=0.53, se=3.88
V.PresentationDefensiveV.ProducttoiletpaperV.Racenamefladion	p=0.64, df=2356.00 8.57[1.26.15.89]*		p=0.41, df=2356.00 5.75[_8.36.19.86]	p=0.56, df=2355.00 8 1800 91 15 450*	p=0.49, df=2356.00 4.97i2.72.12.66		p=0.41, df=2356.00 5.7%_8.36.19.86	p=0.60, df=2355.00 4.40[_3.18.11.98]
	t=2.30, se=3.73 p=0.02, df=2356.00		t=0.80, se=7.19 p=0.42, df=2356.00	t=2.21, se=3.71 p=0.03, df=2355.00	t=1.27, se=3.92 p=0.20, df=2356.00		t=0.80, se=7.19 p=0.42, df=2356.00	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				0.08[0.06,0.10]*** t=8.20, se=0.01		0.10[0.07,0.12]***
SD (Intercept ID)	2.88	p=0.00, df=2392.00 2.97	0.00	t=5.96, se=0.01 p=0.00, df=2355.00 2.85	3.31	p=0.00, df=2392.00 3.15	0.00	p=0.00, df=2355.00 3.13
	to see	t- w-	t- w-	t- w-		to see	t= w=	3.13 t=, se=
SD (Observations)	p=, df= 11.06 t=, se=	p=, df= 11.08 t=, se=	pr., df= 21.91 t=, se=	p=, df= 10.98 t=, se=	p=, df= 11.57 t=, se=	pc-, df= 11.51 tc-, sec	p=, df= 21.91	pr., dfr 11.43 tr., seri
	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=	p=, df=
Num.Obs. R2 Marg.	2395 0.035	2396 0.015	2395 0.222	2395 0.049	2395 0.025	2396 0.027	2395 0.222	2395 0.054
R2 Cond. AIC BIC	0.097 18 419.1 18 644.5	0.081 18.491.7 18.514.8	21 501.3 21 726.8	0.109 18393.0 18624.3	0.098 18 658.5 18 883.9	0.094 18 676.9 18 700.0	21501.3 21726.8	0.120 18.594.6 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 26.22[20.08.32.36]***	CC B path	CC A path 16.28[6.18,26.39]**	CC C path 23.23[17.31,29.15]***	TC C path 27.24[21.04,33.44]***	TC B path 28.02[26.37,29.67]***	TC A path 16.28[6.18,26.39]**	TC C' path 23.98[18.04.29.91]***
(Intercept)	26.22[20.08,32.36]*** 8.38 [3.13] 0.00 [77.13.00]	28.64[27.04,30.24]*** 35.10 [0.82] 0.00 [2392.00]	16.28[6.18,26.39]** 3.16 [5.15]	23.23[17.31,29.15]*** 7.69 [3.02]	27:24[21.04,33.44]*** 8.61 [3.16]	28.02[26.37,29.67]*** 33.29 [0.84] 0.00 [2392.00]	16.28[6.18, 26.39]** 3.16 [5.15]	23.98[18.04,29.91]*** 7.92 [3.03]
Race Cont Resp Non Am White	26.22[20.08,32.36]*** 8.38 [31.3] 0.00 [2341.00] -1.99[-8.58,4.50] -0.59 [33.6] 0.55 [2341.00] -4.94[-11.15,1.26] -1.56 [3.16]	0.00 [2392.00]	16.28(6.18,36.39)** 3.16 [5.15] 0.00 [2341.00] -0.80[-10.94.9.35] -0.15 [5.17] 0.88 [2341.00] -9.01[-18.59.0.37]+ -1.84 [4.89]	23.23[17.33.29.15]*** 7.69 [3.02] 0.00 [2340.00] -1.75[-8.03,4.53] -0.35 [3.20] 0.18 [2340.00] -3.31[-9.24,2.61] -1.10 [3.02]	27.24[21.04;33.44]*** 8.61 [3.16] 0.00 [2341.00] 3.45[-3.26;10.15] 1.01 [3.42] 0.31 [2341.00] -2.53[-8.85;3.79] -0.79 [3.22]	0.00 (2.02.00)	16 28(6.18, 26.29)**	23.98[18.04,29.91]*** 7.92 [2.03] 0.09 [2340.09] 3.70[-2.64,10.04] 1.14 [3.23] 0.25 [2340.09] -0.78[-6.76,5.20] -0.26 [3.05]
Race ContResp White American	0.55 [2341.00] -4.94[-11.15,1.26]		0.88 [2341.00] -9.01[-18.59,0.57]+	0.58 [2340.00] -3.31[-9.24,2.61]	0.31 [2341.00] -2.53[-8.85,3.79]		0.88 [2341.00] -9.01[-18.59,0.57]+	0.25 [2340.00] -0.78[-6.76,5.20]
V Productelment to	-1.56 [3.16] 0.12 [2341.00] 9.81[4.54,15.09]*** 3.65 [2.69]		-9.01[-18.59.00.20]* -1.54 [4.50]* 0.07 [2341.00] 0.07 [2341.00] 4.57 [4.73] 4.57 [4.73] 0.06 [2341.00] 3.567[-5.76,13.10] 0.45 [2341.00] 0.75 [4.81] 0.45 [2341.00] 0.75 [4.81] 0.45 [2341.00] -2.21[-11.53,6.93] 0.02 [2341.00] -2.21[-11.53,6.93] -1.14 [4.64] 0.05 [2341.00]	-1.10 (3.02) 0.27 [2340.00] 6.28[1.12,11.43]* 2.39 [2.63]	-2.53[-8.53,3.19] -0.79 [2.22] 0.44 [2341.90] 8.20[3.23,2.158]** 3.19 [2.69] 0.00 [2341.00] 0.01[-5.34,5.23] 0.01 [2.74] 0.99 [2341.90] 1.51 [2.67] 0.13 [2341.90] 0.13 [2341.90] 0.13 [2341.90] 0.13 [2341.90] 0.13 [2341.90]		-3001-18.00,031-1 -184 [289] 0.07 [2341.00] 4.07 [473] 0.00 [2341.00] 3.67]-5.76,13.10] 0.45 [2341.00] 1.07 [4.81] 0.45 [2341.00] 1.00 [2341.00] -2.11-11.33,6.91 0.00 [2341.00] -2.11-11.33,6.91 0.02 [2341.00] -2.11-14 [4.64] 0.26 [2341.00]	-0.26 [3.05] 0.80 [2340.00] 4.77[-0.36,9.89]+ 1.82 [2.61]
1 of the state of	3.65 [2.69]		4.57 [4.73] 0.00 [2341.00]	2.39 [2.63] 0.02 [2340.00]	3.19 [2.69] 0.00 [2341.00]		4.57 [4.73] 0.00 [2341.00]	1.82 [2.61]
V.Producthardwaresupplies	3.65 [2.69] 0.00 [2341.00] -0.29[-5.65,5.08] -0.10 [2.73] 0.92 [2341.00] 251[-2.73,7.75] 0.94 [2.67] 0.35 [2341.00] -1.62[-6.87,3.62] -0.61 [2.67] 0.5 [2341.00]		3.67[-5.76,13.10] 0.76 [4.81]	2.39 [2.63] 0.02 [2340.00] -0.77 [-3.99,4.44] -0.29 [2.66] 0.77 [2340.00] -0.75 [2340.00] -0.28 [2.61] 0.78 [2340.00] -1.06 [-6.15,4.04] -0.41 [2.66] 0.08 [7340.00]	0.02[-5.34,5.39] 0.01 [2.74]		3.67[-5.76,13.10] 0.76 [4.81]	1.82 [2.61] 0.07 [2340.00] -0.05 -5.05,4.00] -0.19 [2.64] 0.55 [2340.00] 0.53 [-340.00] 0.54 [2340.00] -0.05 -5.05,4.77] -0.11 [2.58] 0.9 [2740.00]
VProducttoiletpaper	0.92 [2341.00] 2.51 [-2.73,7.75] 0.94 [2.67]		0.45 [2341.00] 19.62[10.43,28.82]*** 4.18 [4.69]	0.77 [2340.00] -0.72[-5.83,4.39] -0.76 [7.61]	0.99 [2341.00] 4.03[-1.21,9.28] 1.51 [2.67]		0.45 [2341.00] 19.62[10.43,28.82]*** 4.18 [4.09]	0.85 [2340.00] 0.53[-4.56,5.61] 0.70 [7.56]
V-RacenamefBlack	0.35 [2341.00] -1.62[-6.87,3.62]		0.00 [2341.00]	0.78 [2340.00] -1.06[-6.15,4.04]	0.13 [2341.00] -0.91[-6.15,4.34]		0.00 [2341.00] -2.31[-11.53,6.91]	0.84 [2340.00] -0.29[-5.36,4.77]
V.Jincename@hinese	-0.61 [2.67] 0.54 [2341.00]		-0.49 [4.70] 0.62 [2341.00]	-0.41 [2.60] 0.68 [2340.00] -0.95[-5.99,4.09] -0.37 [2.57]	-0.34 [2.67] 0.73 [2341.00] -0.01[-5.20,5.18] 0.00 [2.65]		-0.49 [4.70] 0.62 [2341.00]	-0.11 [2.58] 0.91 [2340.00]
	-2.01[-7.20,3.17] -0.76 [2.64] 0.45 [2341.00]		-5.27 -14.36,3.83 -1.14 [4.64] 0.76 [2341.00]	-0.95[-5.99,4.09] -0.37 [2.57] 0.71 [2340.00]			-5.27[-14.36,3.83] -1.14 [4.64] 0.76 [7541.00]	0.45 [2.56] 0.65 [2340.00]
V_Racesamefindian	0.01 [-5.48,5.50] 0.00 [2.80]		-4.30[-13.95,5.35] -0.87 [4.92]	0.78[-4.56,6.12] 0.29 [2.72]	-0.07[-5.56,5.42] -0.03 [2.80]		-4.30[-13.95,5.35] -0.87 [4.92]	0.75[-4.55,6.06] 0.28 [2.71]
V _{Age}	1.00 [2341.00] 0.15[0.05,0.25]**		0.38 [2341.00] 0.08[-0.09,0.25]	0.77 [2340.00] 0.14[0.04,0.23]**	0.98 [2341.00] 0.11[0.01,0.20]*		0.38 [2341.00] 0.08[-0.09,0.25]	0.78 [2340.00] 0.10[0.00,0.19]*
V.Locationinthority	-1.62[-9.57,2.02] -0.61 [247] -0.61 [247] -0.61 [247] -0.61 [241]		-1.14 [4.64] 0.26 [2341.05] -1.39 [-1.39.0.3.35] -0.37 [4.92] 0.38 [2341.05] 0.38 [2341.05] 0.38 [2341.05] 0.35 [2341.05] 0.35 [2341.05] -0.36 [2341.05] -0.37 [2341.05] -1.11 [-3.49,1.18] -0.36 [1.77] 0.34 [2341.05] 1.77 [-1.55.3.58] 1.47 [1.15]	0.00 [2340.00] 0.33[_0.92.1.57]	0.00 [2.50,12] 1.00 [2341.00] 1.00 [2341.00] 1.00 [2341.00] 0.07 [236.0.42] 0.03 [2341.00] 0.11 [0.07,0.30] 0.11 [0.07,0.30] 0.03 [2341.00] 0.03 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00] 0.07 [2341.00]		12 (14.04) -13 (14.04) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -13 (14.15) -14 (14	-0.11 [2.28] 0.31 [2340.09] 1.24 [-3.27, (1.3] 0.45 [2.24] 0.45 [2.24] 0.55 [2340.09] 0.75 [-2450.09] 0.75 [2340.09] 0.10 [0.00, 0.79] 2.01 [0.05] 0.04 [2340.09] 0.06 [-1.16, 1.32] 0.09 [2340.09] 0.08 [-1.16, 1.32] 0.09 [2340.09] 0.08 [-1.16, 1.32] 0.09 [2340.09] 0.09 [2340.09] 0.09 [2340.09]
	0.36 [0.65] 0.72 [2341.00]		-0.04 [1.15] 0.97 [2341.00]	0.52 [0.63] 0.61 [2340.00]	-0.04 [0.65] 0.97 [2341.00]		-0.04 [1.15] 0.97 [2341.00]	0.13 [0.63] 0.90 [2340.00]
V.Locationnearby	-0.38[-1.68,0.91] -0.58 [0.66]		-1.11[-3.40,1.18] -0.95 [1.17]	-0.14[-1.41,1.12] -0.22 [0.64]	-0.66[-1.96,0.64] -0.99 [0.66]		-1.11[-3.40,1.18] -0.95 [1.17]	-0.38[-1.64,0.87] -0.60 [0.64]
$V_{\omega} Store Type departments tore$	1.09[-0.19,2.37]+ 1.67 [0.65]		1.70[-0.56,3.96] 1.47 [1.15]	0.82 [2340.00] 0.81[-0.44,2.05] 1.27 [0.64]	-0.03[-1.31,1.25] -0.04 [0.65]		1.70(-0.56,3.96) 1.47 [1.15]	-0.34[-1.57.0.90]
V_StoreTypesupermarket	1.67 [0.65] 0.10 [2341.00] 1.29[0.01;2.58]* 1.98 [0.65] 0.05 [2341.00] 0.25 [-7.41,7.87] 0.06 [3.90] 0.95 [2341.00]		0.14 [2341.00] 1.39[-0.87,3.65]	0.20 [2340.00] 1.09[-0.16,2.34]+	0.96 [2341.00] 0.89[-0.40,2.17]		0.14 [2341.00] 1.39[-0.87,3.65]	0.59 [2340.00] 0.67[-0.58,1.91]
RaceContRespNonAmWhiteV Productelymettes	1.98 [0.65] 0.05 [2341.00]		1.20 [1.15] 0.23 [2341.00]	1.71 [0.64] 0.09 [2340.00]	1.35 [0.65] 0.18 [2341.00]		1.20 [1.15] 0.23 [2341.00]	1.05 [0.63] 0.29 [2340.00]
	0.05 [3.90]		-0.26 [6.85] 0.79 [2341.00]	0.14 [3.79] 0.89 [2340.00]	-0.32[-13.90,1.33] -1.62 [3.90] 0.11 [2341.00]		-0.26 [6.85] -0.79 [2341.00]	-1.59 [3.77] -1.59 [3.77] 0.11 [2340.00]
$Race ContResp White American V_Product cigarettes$	3.19[-4.00,10.38] 0.87 [3.67] 0.38 [2341.00] 2.33[-5.26,9.92] 0.60 [3.87]		1-47 [1.13] 0.14 [2341.00] 1.39[-0.57.3.05] 1.39 [1.15] 1.39 [1.15] 1.39 [1.15] 1.32 [2341.00] -1.81[-15.23,11.02] -0.26 [2341.00] 0.39 [2341.00] 0.30 [2341.00] 0.53 [6.44] 0.60 [2341.00] 6.77[-6.77,011] 1.00 [6.30] 0.37 [7341.00]	2.61[-4.38,9.59] 0.73 [3.56]	2.49[-4.70,9.68] 0.68 [3.67]		3.40[-9.23,16.03] 0.53 [6.44]	-0.53 [0.63] 0.79 [239.00] 0.77 [-0.55,19] 1.05 [0.63] 0.29 [239.00] -5.97 [-13.56,14] -1.20 [1.47] 0.11 [239.00] 1.87 [-0.08,8.8] 0.53 [259.00] 0.50 [2390.00] -0.40 [3.74] 0.61 [3.74]
Race ContRespNon AmWhite V. Product hardware supplies	0.38 [2341.00] 2.33[-5.26,9.92]		0.60 [2341.00] 6.77[-6.57,20.11]	0.46 [2340.00] 0.94[-6.44,8.32]	0.50 [2341.00] -0.01[-7.61,7.58]		0.60 [2341.00] 6.77[-6.57,20.11]	0.60 [2340.00] -1.51[-8.85,5.83]
RaceCostReanWhiteAmericanV Producthanderscoursedies	1.20(-5.98.8.38)		1.00 [6.80] 0.32 [2341.00] -1.32[-13.94.11.90]	0.25 [3.76] 0.80 [2340.00] 1.18[_5.80.8.16]	-0.94 [0.05] 0.96 [2341.08] 0.89 [-0.40;2.17] 1.35 [0.62] 0.18 [2341.09] -5.32 [-13.94, 133] -1.92 [3.90] 0.11 [2341.00] 2.49 [-4.70, 68] 0.08 [3.67] -0.09 [2341.09] -0.01 [-7.61, 7.36] 0.09 [2341.09] 0.07 [-7.11, 7.25] 0.02 [3.68] 0.08 [3.67]		1.00 [6.80] 0.32 [2341.00] _1.35 _13.94.11 341	n onl eve cont
The state of the s	0.33 [3.66]		-0.21 [6.44] 0.84 [2341.00]	0.33 [3.56]	0.02 [3.66] 0.98 [2341.00]		-0.21 [6.44] 0.84 [2341.00]	0.02 [3.54]
${\bf Race ContRespNon AmWhiteV. Product to let paper}$	2.20[-5.37,9.78] 0.57 [3.86]		1.81[-11.50,15.13] 0.27 [6.79]	1.75[-5.62,9.11] 0.47 [3.76]	-2.68[-10.26,4.90] -0.09 [3.87]		1.81[-11.50,15.13] 0.27 [6.79]	-3.17[-10.50,4.16] -0.85 [3.74]
${\it Race ContResp White American VP roduct to let paper}$	0.57 [2341.00] 0.89[-6.16,7.95] 0.75 [3.60]		0.79 [2341.00] 0.60[-11.79,13.00] 0.10 [6.32]	0.64 [2340.00] 0.68[-6.17,7.54] 0.70 [3.50]	0.49 [2341.00] -2.98[-10.04.4.08] -0.83 [3.00]		0.79 [2341.00] 0.60[-11.79,13.00] 0.10 [6.32]	0.40 [2340.00] -3.17[-9.99,3.65] -0.91 [3.66]
RaceContRespNonAmWhiteV_RacenamefBlack	0.80 [2341.00] 4.43[-3.09.11.96]		0.92 [2341.00] 2.21[-11.02.15.44]	0.84 [2340.00] 3.93[-3.38.11.24]	0.41 [2341.00] 2.19[-5.34.9.72]		0.92 [2341.00] 2.21 - 11.02.15.44	0.36 [2340.00] 1.67[-5.60.8.94]
RaceContRespWhiteAmericanV_Racenamefflluck	0.33 [3.06] 0.74 [2341.90] 0.20[-5.37.9.78] 0.57 [2341.90] 0.80 [-6.16.7.95] 0.80 [2341.90] 0.80 [2341.90] 4.0[-3.09, 11.90] 1.15 [3.80] 0.25 [2341.90] 3.11[-3.98, 10.19] 0.86 [3.61] 0.99 [2341.90]		6.77[-6.57].01 1.09 [0.30] 0.32 [2341.00] -0.22 [6.44] -0.42 [2341.00] 1.87[-11.20,15.13] 0.27 [6.73] 0.79 [2341.00] 0.10 [6.32] 0.10 [6.32] 0.10 [6.32] 0.10 [6.32] 0.12 [2341.00] 0.14 [2341.00] 0.14 [2341.00] 0.14 [2341.00] 0.15 [2341.00]	2.7 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	0.00 [-1.00.40] 0.00 [-1.00.40] 0.00 [-1.00.40] 0.00 [-1.00		DE PRINCE DE LES	0.02 [3.54] 0.99 [2349.00] -3.17[-10.504.16] -0.85 [3.74] 0.49 [2340.00] -3.17[-9.99.3.65] 0.36 [2349.00] 1.67[-0.00.894] 0.45 [3.71] 0.45 [3.71] 0.42 [3.80] -0.42 [3.80]
RaceContRespWhiteAmericanV_Racenameffllack	3.11[-3.98,10.19] 0.86 [3.61] 0.79 [7341.00]		0.24 [6.35] 0.81 [7341 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]		0.24 [6.35] 0.81 [2341.00]	-1.46[-8.31,5.39] -0.42 [3.49] 0.68 [2340.00]
$Race ContRespNon AmWhite V_Race name f Chinese$	2.92[-4.88,10.72] 0.73 [3.98]		5.92[-7.78,19.61] 0.85 [6.98]	1.72[-5.86,9.30] 0.44 [3.87]	-0.39[-8.19,7.41] -0.10 [3.98]		5.92[-7.78,19.61] 0.85 [6.98]	-1.70(-9.24,5.84) -0.44 [3.84]
${\tt RaceContRespWhiteAmericanV_RacenamefChinese}$	0.86 [3.61] 0.39 [2341.00] 2.92[-4.88,10.72] 0.73 [3.98] 0.46 [2341.00] 5.00[-1.97,12.08] 1.41 [3.58] 0.16 [2341.00]		0.40 [2341.00] 7.39[-4.95,19.73]	0.66 [2340.00] 3.66[-3.17,10.50]	0.92 [2341.00] 0.49[-6.54,7.52]		0.40 [2341.00] 7.39[-4.95,19.73]	-0.42 [3.00] 0.05 [2340.00] -1.70[-9.24,5.84] -0.44 [3.84] 0.05 [2340.00] -1.01[-7.80,5.79] -0.29 [3.66] 0.77 [2340.00] -3.23[-310.574,11] -0.86 [3.74] 0.30 [2340.00] -1.28[-3.03]
BaceContRessNonAmWhiteV.Rucenamefladian	0.16 [2341.00] 9.27[_5.37.9.87]		0.24 [2341.00] 6.90[-6.45.20.25]	0.29 [2340.00]	0.89 [2341.00]		0.24 [2341.00] 6.90[_6.45.20.25]	0.77 [2340.00] -3.23[-10.57.4.11]
	2.27[-5.32,9.87] 0.59 [3.87] 0.56 [2341.00]		1.01 [6.81] 0.31 [2341.00]	0.27 [3.76] 0.78 [2340.00]	-0.49 [3.87] 0.62 [2341.00]		1.01 [6.81] 0.31 [2341.00]	-0.86 [3.74] 0.39 [2340.00]
Race ContReep White American V. Racenzme findian	1.16[-6.17,8.50] 0.31 [3.74]		8.14[-4.76,21.04] 1.24 [6.58]	-0.21[-7.34,6.92] -0.06 [3.64]	-1.82[-9.16,5.52] -0.49 [3.74]		8.14[-4.76,21.04] 1.24 [6.58]	-3.28[-10.37,3.81] -0.91 [3.62]
$V_ProducteigzettseV_RacenamefBlack$	0.74[-6.77,8.25] 0.19 [3.83]		-3.30[-16.45.9.85] -0.49 [6.71]	1.17[-6.13,8.47] 0.31 [3.72]	-1.12[-8.64,6.39] -0.29 [3.83]		-3.30[-16.45,9.85] -0.49 [6.71]	-0.67[-7.93,6.59] -0.18 [3.70]
V.Producthardware supplies V.Racename fBlack	0.85 [2341.00] 0.44[-7.44,8.32]		0.62 [2341.00] -2.95[-16.69,10.78]	0.75 [2340.00] 0.70[-6.95,8.35]	0.77 [2341.00] 1.33[-6.56,9.21]		0.62 [2341.00] -2.95[-16.69,10.78]	0.86 [2340.00] 1.62[-6.00,9.23]
V_ProductioiletpaperV_BucenamefBlack	0.11 [4.02] 0.91 [2341.00] 3.75[-3.89.11.36]		-0.42 [7.00] 0.67 [2341.00] -5.13 -18.49.8.23	0.18 [3.90] 0.86 [2340.00] 4.30[-3.17.11.77]	0.33 [4.02] 0.74 [2341.00] 0.79[_6.85.8.43]		-0.42 [7.00] 0.67 [2341.00] -5.13[-18.49.8.23]	0.42 [3.88] 0.68 [2340.00] 1.70[_5.99.8.78]
	0.96 [3.89] 0.34 [2341.00]		-0.75 [6.81] 0.45 [2341.00]	1.14 [3.78] 0.26 [2340.00]	0.20 [3.90] 0.84 [2341.00]		-0.75 [6.81] 0.45 [2341.00]	0.37 [3.76] 0.71 [2340.00]
V.Product cigaret to V.Racename f Chinese	0.56 [2344.50] 1.66[-6.17.8.56] 0.31 [3.70] 0.76 [2344.90] 0.41[-6.77.8.22] 0.15 [2344.90] 0.44[-7.44.8.32] 0.11 [4.02] 0.91 [2344.90] 0.376[-3.89,11.38] 0.96 [3.80] 0.36 [2344.90] 0.36 [2344.90] 0.36 [2344.90]		-4.07[-17.70,9.55] -0.59 [6.95]	3.94[-3.65,11.53] 1.02 [3.87]	1.20[-6.63,9.02] 0.30 [3.99]		-4.07[-17.70,9.55] -0.59 [6.95]	1.54[-6.01,9.09] 0.40 [3.85]
V. Producthardware supplies V. Jtacename Chinese	0.36 [2341.00] 2.46[-5.15,10.08] 0.63 [3.86]		0.56 [2341.00] 5.10[-8.21,18.41] 0.75 [6.70]	0.31 [2340.00] 1.49[-5.91,8.89] 0.40 [3.77]	0.76 [2341.00] 2.11[-5.51,9.73] 0.54 [3.89]		0.56 [2341.00] 5.10[-8.21,18.41] 0.75 is 79	0.69 [2340.00] 1.63[-6.33,8.40] 0.76 [3.75]
V_ProducttelletpaperV_BacenamefChinese	0.53 [2341.00] -2.25[-9.88,5.38]		0.45 [2341.00] -0.38[-13.67,12.90]	0.69 [2340.00] -2.38[-9.79,5.03]	0.59 [2341.00] -3.53[-11.17,4.10]		0.45 [2341.00] -0.38[-13.67,12.90]	0.78 [2340.00] -3.66[-11.03.3.71]
V.ProducteiguettesV.Racenameffudian	-0.58 [3.89] 0.56 [2341.00]		-0.06 [6.78] 0.95 [2341.00]	-0.63 [3.78] 0.53 [2340.00]	-0.91 [3.89] 0.36 [2341.00]		-0.06 [6.78] 0.95 [2341.00]	-0.97 [3.76] 0.33 [2340.00]
v Prometoguettav paceamennian	-0.46 [3.98] -0.45 [334] 0.65 [334] 00]		0.71 [6.95] 0.48 [2341 00]	-0.71 [3.87] -0.8 [7340.00]	-0.09 [3.90] -0.09 [3.90] 0.49 [2341.00]		0.71 [6.95] 0.48 [2341.00]	-0.97 [3.85] -0.97 [3.85]
${\it V.P roducthardware supplies V. Racename findian}$	2.54[-5.16,10.25] 0.65 [3.93]		2.32[-11.19,15.83] 0.34 [6.89]	2.00[-5.48,9.49] 0.52 [3.82]	1.99[-5.72,9.70] 0.51 [3.93]		2.32[-11.19,15.83] 0.34 [6.89]	1.39[-6.06,8.84] 0.37 [3.80]
V. Product to let paper V. Rucenom effindian	0.52 [2341.00] -1.49[-9.33,6.35]		0.74 [2341.00] 0.85[-12.82,14.53]	0.60 [2340.00] -1.56[-9.17,6.05]	0.61 [2341.00] -2.55[-10.39,5.30]		0.74 [2341.00] 0.85[-12.82,14.53]	0.71 [2340.00] -2.59[-10.16,4.99]
BaceContReenNonAmWhiteV.ProducteiragettesV.RacenamefBlack	-0.37 [4.00] 0.71 [2341.00]		0.12 [6.97] 0.90 [2341.00]	-0.40 [3.88] 0.69 [2340.00]	-0.64 [4.00] 0.52 [2341.00]		0.12 [6.97] 0.90 [2341.00]	-0.67 [3.86] 0.50 [2340.00]
	-1.51 [5.64] 0.13 [2341.00]		0.53 [9.86] 0.60 [2341.00]	-1.75 [5.48] 0.08 [2340.00]	-0.09 [5.65] 0.93 [2341.00]		0.53 [9.86] 0.60 [2341.00]	-0.31 [5.45] 0.76 [2340.00]
$Race ContResp White American V_{\bullet} Product cigarettes V_{\bullet} Race name f Black$	-8.04[-18.38,2.29] -1.53 [5.27]		-6.29[-24.37,11.79] -0.68 [9.22]	-6.88[-16.93,3.16] -1.34 [5.12]	-4.54[-14.88,5.80] -0.86 [5.27]		-6.29[-24.37,11.79] -0.68 [9.22]	-3.29[-13.28,6.70] -0.65 [5.09]
Race ContRespNon AmWhite V. Producthardware supplies V. Racemann effiliack	0.13 [2341.00] -1.73[-12.90,9.43]		0.50 [2341.00] 0.99[-18.48,20.47]	0.18 [2340.00] -1.57[-12.42,9.27]	0.39 [2341.00] -2.11[-13.28,9.07] 0.37 [3.70]		0.50 [2341.00] 0.99[-18.48,20.47]	0.52 [2340.00] -1.98[-12.78,8.81]
RaceContRespWhiteAmericanV.ProducthacdwaresuppliesV.Racenamefflinck	0.76 [2341.00] -1.49[-12.06.9.07]		1	0.78 [2340.00] -1.90(-12.17,8.36]	0.71 [2341.00] -0.71[-11.29,9.86]		0.92 [2341.00] 4.38[-14.06,22.82]	0.72 [2340.00] -1.18[-11.40,9.03]
BaceContRestNonAmWhiteV.ProducttelletnanerV.Bucenameffllack	-0.28 [5.39] 0.78 [2341.00]		0.47 [9.40] 0.64 [2341.00]	-0.36 [5.23] 0.72 [2340.00]	-0.13 [5.39] 0.89 [2341.00]		0.47 [9.40] 0.64 [2341.00]	-0.23 [5.21] 0.82 [2340.00]
$race, out need no amWhiteV_Productiol et paperV_BacenomedBlack$	-9.42[-20.58,1.73]+ -1.66 [5.69] 0.10 [7341.00]		6.63[-12.88,26.15] 6.67 [9.95] 6.51 [2341.00]	-10.23[-21.07,0.61]+ -1.85 [5.53] 0.06 [2340.06]	-4.38[-15.54,6.78] -0.77 [5.00] 0.44 [2341.00]		0.63[-12.88,26.15] 0.67 [9.95] 0.51 [2341.00]	-0.26[-16.04,5.52] -0.96 [5.50] 0.34 [2340.05]
Race ContResp White American V. Product to let paper V. Race name fillack	-6.33[-16.67,4.01] -1.20 [5.27]		1.89[-16.20,19.97] 0.20 [9.22]	-6.29[-16.34,3.76] -1.23 [5.12]	0.22[-10.13,10.58] 0.04 [5.28]		1.89[-16.20,19.97] 0.20 [9.22]	0.25[-9.75,10.25] 0.05 [5.10]
$Race ContResp Non AmWhite V_{s} Product cigaret tes V_{s} Racename f Chinese \\$	0.23 [2341.00] -9.65[-20.95,1.64]+		0.84 [2341.00] -1.89[-21.62,17.84]	0.22 [2340.00] -9.13[-29.10,1.85]	0.97 [2341.00] -0.56[-11.86,10.75]		0.84 [2341.00] -1.89[-21.62,17.84]	0.95 [2340.00] 0.01[-10.91,10.92]
RaceContRespWhiteAmerican V.Producteigneettes V.RacenamefChinese	-1.68 [5.76] 0.09 [2341.00] -12.62[-23.10,-2.1%*		-0.19 [10.06] 0.85 [2341.00] -9.42[-27.72.8,88]	-1.63 [5.60] 0.10 [2340.00] -10.89[-21.08,-0.70]*	-0.10 [5.77] 0.92 [2341.00] -8.05[-18.55.2 45]		-0.19 [10.06] 0.85 [2341.00] -9.42[-27.72.8 88]	0.00 [5.57] 1.00 [2340.00] -6.20[-16.34,3.94]
	-2.36 [5.35] 0.02 [2341.00]		-1.01 [9.33] 0.31 [2341.00]	-2.09 [5.20] 0.04 [2340.00]	-1.50 [5.35] 0.13 [2341.00]		-1.01 [9.33] 0.31 [2341.00]	-1.20 [5.17] 0.23 [2340.00]
$Race ContRespNon AmWhite V. Producthardware supplies V. Racename \theta Chinese$	-2.83[-14.09,8.43] -0.49 [5.74]		-5.03[-24.71,14.66] -0.50 [10.04]	-1.68[-12.62,9.25] -0.30 [5.58]	-3.05[-14.32,8.21] -0.53 [5.74]		-5.03[-24.71,14.66] -0.50 [10.04]	-1.82[-12.70,9.06] -0.33 [5.55]
Race ContResp White American V. Producthae dwace supplies V. Race name d Chinese	2.06 - 2.1. 1, 10.00 (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2		0.85 [234.100] -1.01 [0.38] -1.01 [0.38] -1.01 [0.38] -0.03 [234.00] -0.03 [0.00] -0.03 [0.00] -0.03 [0.00] -0.03 [0.00] -0.03 [0.00] -1.18[-2.05.13.60] -1	0.76 [2340.00] -3.10[-13.24,7.03] -0.60 is 17	111-1-123-21 121-1-123-21 123-1-111-12 123-1-111-12 123-1-111-12 123-1-111-12 123-1-111-12 123-1-123-12 12		100, 120, 141, 150, 151, 151, 151, 151, 151, 151, 15	- 100 - 100
$\label{laceContRespNonAmWhiteV.ProductioletpaperV.RacenomedChinese} RaceContRespNonAmWhiteV.ProductioletpaperV.RacenomedChinese$	0.45 [2341.00] 0.17[-11.11,11.46]		0.73 [2341.00] -1.18[-20.85,18.48]	0.55 [2340.00] 0.67[-10.29,11.63]	0.43 [2341.00] 3.64[-7.66,14.93]		0.73 [2341.00] -1.18[-20.85,18.48]	0.54 [2340.00] 4.21[-6.69,15.12]
	0.03 [5.75] 0.98 [2341.00]		-0.12 [10.03] 0.91 [2341.00]	0.12 [5.59] 0.50 [2340.00]	0.63 [5.76] 0.53 [2341.00]		-0.12 [10.03] 0.91 [2341.00]	0.76 [5.56] 0.45 [2340.00]
Race ContResp White American V. Product to liet paper V. Rucename f Chinese	-2:53[-12:50,7:84] -0:48 [5:29] 0:63 [2341 nel		-9:24[-27:32,8:85] -1:00 [9:22] 0:32 [2341 noi	-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 nol		-1.24[-27.32,8.85] -1.00 [9.22] 0.32 [2341.00]	0.75[-6.27,13.77] 0.73 [5.11] 0.46 [7140 mil
Race ContRespNenAmWhite V. Producted garettes V. Racename fIndian	-3.82[-15.08,7.43] -0.67 [5.74]		-10.91[-30.55,8.73] -1.09 [10.01]	-1.93[-12.87,9.00] -0.35 [5.58]	4.86[-6.40,16.12] 0.85 [5.74]		-10.91[-30.55,8.73] -1.09 [10.01]	6.86[-4.02,17.74] 1.24 [5.55]
Race ContResp White American V. Product cigarettes V. Racename findian	0.51 [2341.00] -6.25[-16.88,4.38]		0.28 [2341.00] -19.59[-38.15,-1.03]*	0.73 [2340.00] -3.12[-13.46,7.21]	0.40 [2341.00] -3.36[-14.00,7.27]		0.28 [2341.00] -19.59[-38.15,-1.03]*	0.22 [2340.00] 0.01[-10.27,10.29]
RaceContReenNonAmWhiteV.ProducthardwaresuzedeeV.Racenamefindian	-1.15 [5.42] 0.25 [2341.00] -4 15 - 15 23 6 22		-2.07 [9.47] 0.04 [2341.00] 0.08[-19.31 19.77]	-0.59 [5.27] 0.55 [2340.00] -3.90[-14.00.0 ***]	-0.62 [5.42] 0.54 [2341.00] -2.36[-13.46.8.72]		-2.07 [9.47] 0.04 [2341.00] 0.06[-19.31 19.77]	0.00 [5.24] 1.00 [2340.00] -2.06[-12.79 r ext
promount of managementplace discremedialian	-0.73 [5.65] 0.46 [2341.00]		0.01 [9.89]	-0.71 [5.49] 0.48 [2340.00]	-0.42 [5.65] 0.67 [2341.00]		0.01 [9.89] 0.99 [2341.00]	-0.38 [5.46] 0.70 [2340.00]
Race ContResp White American V. Producthardware supplies V. Place name find in a contract of the product of t	-1.53[-11.91,8.85] -0.29 [5.29]		0.46[-17.73,18.64] 0.05 [9.27]	-1.39[-11.48,8.69] -0.27 [5.14]	-0.65[-11.63,9.74] -0.12 [5.30]		0.46[-17.73,18.64] 0.05 [9.27]	-0.52[-10.55,9.51] -0.10 [5.12]
${\bf Race ContResp Non Am White V. Product to let paper V. Race nome find an }$	-1.53[-11.91,85] -0.29 [5.29] 0.77 [2341.00] -2.74[-13.88.8.39] -0.48 [5.68] 0.63 [2341.00] -0.35[-30.90,10.25] -0.06 [5.30] 0.95 [2341.00]		0.46[-17.73,18.64] 0.05 [9.27] 0.96 [2341.00] -2.06[-21.50,17.38] -0.22 [9.91] 0.84 [2341.00] -10.96[-29.43,7.59] -1.16 [9.42] 0.24 [2341.00]	0.79 [2340.00] -2.44[-13.26,8.38] -0.44 [5.54]	-0.65[-11.03,74] -0.12 [5.30] 0.30 [2341.00] 4.54[-6.61,15.60] 0.80 [5.60] 0.42 [2341.00] 0.74 [5.40] 0.46 [2341.00]		0.96 [2341.00] -2.06[-21.50,17.38]	-0.52[-10.55,9.51] -0.10 [5.12] 0.92 [2340.00] 4.82[-5.95,15.50] 0.38 [5.49] 0.38 [5.49] 0.38 [5.49] 0.38 [5.40] 0.38 [5.40] 0.38 [5.20] 0.38 [5.20] 0.39 [5.20] 0.30 [5.20]
RaceContRespWhiteAmericanV.ProducticiletpaperV.Racenomefindian	-0.48 [3.68] 0.63 [2341.00] -0.33[-10.90.10.25]		-0.21 [9:91] 0.84 [2341.00] -10.96[-29.43.7.59]	-0.44 [0.52] 0.66 [2340.00] 1.49[-8.78.11.77]	0.42 [2341.00] 3.99[-6.59.14.57]		-0.21 [9.91] 0.84 [2341.00] -10.96[-29.43.7.56]	0.38 [2340.00] 5.80[-4.33.16.1 ³]
	-0.06 [5.29] 0.95 [2341.00]		-1.16 [9.42] 0.24 [2341.00]	0.29 [5.24] 0.78 [2340.00]	0.74 [5.40] 0.46 [2341.00]		-1.16 [9.42] 0.24 [2341.00]	1.13 [5.21] 0.26 [2340.00]
MorallyWrong		0.19[0.17,0.21]*** 16.90 [0.01] 0.00 [2392.00] 17.68 11.27		0.17[0.15,0.19]*** 14.09 [0.01] 0.00 [2740.00]		0.19[0.17,0.21]*** 17.40 [0.01] 0.00 [2392.00] 18.47 11.04		0.18[0.16, 0.21]*** 15.30 [0.01] 0.00 [**** ord
SD (Intercept IID) SD (Observations)	19.36 11.29	17.68 11.27	19.81 20.34	17.81 10.99	20.32 11.28	18.47 11.04	19.81 20.34	18.53 10.91
Num.Obs. R2 Mag. R2 Cond. AIC	2306 0.030 0.754 19.845.4 20.163.4 0.7 9.77	2396 0.068 0.731 19847.8 19870.9 0.7 9.91	2395 0.104 0.540 22024.2	2396 0.082 0.747 19626.2 19989.9 0.7 9.52	2396 0.025	2396 0.067 0.754 19817.7 19849.8 0.7 9.69	2396 0.104 0.540 22624.2	2396 0.081 0.763 19684.4
R2 Cond.	0.754 19.845.4	0.731 19847.8	0.540 22024.2	0.747 19666.2	2396 0.025 0.770 19895.7	0.754 19817.7	0.540 22024.2 22342.2	0.763 19684.4
BIC ICC RMSE	20 163.4 0.7 9.77	19870.9 0.7	22342.2 0.5 17.99	0.7	20213.7 0.8 9.75	0.7	0.5 17.99	29008.2 0.7 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	00.0	TC C path	TC B path	TC A path	TC C
laterorpt)	CC C path 26.19[20.09,32.28]*** 8.43 [3.11] 0.00 [2343.00] -1.96[-8.54,4.02] -0.58 [3.36]	CC B path 28.64[27.04,30.24]*** 35.10 [0.82] 0.00 [2392.00]	CC A path 15.93[5.91,25.95]** 3.12 [5.11] 0.00 [2343.00] -0.79[-10.93.9-34] -0.15 [5.17]	23.30[17.42,29.17]*** 7.78 [3.00] 0.00 [2342.00] -1.70[-7.98,4.57] -0.53 [3.20]	TC C path 27.18[21.07,33.29]*** 8.72 [3.12] 0.00 [2345.00] 3.37[-3.33.10.07] 0.99 [3.42]	TC B path 28.02[26.37,29.67]*** 33.29 [0.84] 0.00 [2392.00]	TC A path 16.97 [7.03,26.90]*** 3.35 [5.07] 0.00 [2345.00] -0.67 [-10.80,9.46] -0.13 [5.17]	TC C path 23.85[18.00,29.70]*** 8.00 [2.98] 0.00 [2344.00] 3.61[-2.73,9.95] 1.12 [3.23]
RaceContReepNenAmWhite	0.00 [2343.00] -1.96[-8.54,4.62] -0.58 [3.36]	0.00 [2392.00]	0.00 [2343.00] -0.79[-10.93,9.34] -0.15 [5.17]	0.00 [2342.00] -1.70[-7.98,4.57] -0.53 [3.20]	0.00 [2345.00] 3.37[-3.33,10.07] 0.99 [3.42]	0.00 [2392.00]	0.00 [2345.00] -0.67[-10.80,9.46] -0.13 [5.17]	0.00 [2344.00] 3.61[-2.73,9.95] 1.12 [3.23]
RaceContRespWhiteAmerican	-4.97[-11.17,1.24]		-0.15 [8.17] -0.85 [2343.06] -9.08[-18.65,0.26]+ -1.86 [4.85] -0.06 [2343.06] -0.06 [2343.06] -0.16 [2343.06] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.74 [4.81] -0.75 [2343.06] -0.75 [2343	-3.32[-9.24.2.61]	-2.60(-8.92,3.71)		-9.15[-18.73.0.42]+	-0.81[-6.79,5.17]
V_Producteiguzettes	-1.57 [3.16] 0.12 [234300] 9.80[4.32,15.08]*** 3.64 [2.09] 0.00 [2343.00] -0.32[-5.88,5.04] -0.12 [2.73] 0.91 [2343.00] 2.09[-2.64,7.82] 0.97 [2.67] 0.33 [2343.00]		-1.86 [4.88] 0.06 [2343.00] 21.58[12.32.30.85]***	- 1.10 [3.02] 0.27 [2342.00] 6.26[1.211.43]* 2.39 [2.63] -0.79 [-6.00,4.42] -0.70 [-6.00,4.42] -0.70 [2542.00] -0.77 [2342.00] -0.80 [2342.00] -0.80 [2342.00] -0.90 [-6.08,4.10] -0.70 [2342.00]	-0.81 [3.22] 0.42 [2345.00] 8.70[3.42,13.98]** 3.23 [2.69] 0.09 [2345.00] 0.01 [2.73] 0.99 [2345.00] 4.18[-1.06,9.41] 1.56 [2.67] 0.12 [2345.00]		-1.87 [4.88] 0.06 [2345.00] 0.06 [2345.00] 4.97 [4.72] 0.00 [2345.00] 3.62]-5.81,13.05] 0.75 [4.81] 0.45 [2345.00] 19.69[10.50, 28.88]**** 4.39 [4.09] 0.00 [2345.00]	-0.27 [3.05] 0.79 [2344.00] 4.88[-0.24,10.01]+ 1.87 [2.61] 0.05 [2344.00] -0.46[-5.65,4.72] -0.18 [2.64] 0.06 [2344.00] 0.67[-4.41,5.75] 0.30 [2.56] 0.90 [2344.00]
V.Producthardwaresuzelies	3.64 [2.69] 0.00 [2343.00]		4.57 [4.73] 0.00 [2343.00]	2.39 [2.63] 0.02 [2342.00]	3.23 [2.69] 0.00 [2345.00]		4.57 [4.72] 0.00 [2345.00]	1.87 [2.61] 0.06 [2344.00]
	-0.32[-3.98,3.04] -0.12 [2.73] 0.91 [2343.00]		0.74 [4.81] 0.46 [2343.00]	-0.79[-6.00(4.42] -0.30 [2.66] 0.77 [2342.00]	0.01 [2.73] 0.99 [2345.00]		0.75 [4.81] 0.45 [2345.00]	-0.18 [2.64] -0.18 [2344.00]
V.Productioiletpaper	2.59[-2.64,7.82] 0.97 [2.67]		19.72[10.53,28.91]*** 4.21 [4.09]	-0.64[-5.75,4.46] -0.25 [2.60]	4.18[-1.06,9.41] 1.56 [2.67]		19.69[10.50,28.88]*** 4.20 [4.69]	0.67[-4.41,5.75] 0.26 [2.56]
V_Rscensmefflisck	-1.545-6.783.700		-2.18 -11.39.7.00	-0.90[-6.08,4.10] -0.38 [2.60]	-0.77[-6.01, 4.47]			-0.19[-5.25,4.88]
V.Jtacename/Chinese	-0.58 [247] 0.56 [24400] -1.56[-7.17.3.20] -0.75 [2.64] 0.05 [2443.00] 0.07 [-0.43.5.25] 0.07 [2.76] 0.08 [2143.00] 0.10 [0.05, 0.24]** 3.03 [0.05] 0.00 [2143.00] 1.06[-0.70.236]+ 1.06 [0.05] 0.10 [2443.00]		-0.46 [4.70] 0.64 [2353.00] -3.24 [-1.433.386] -1.13 [4.64] 0.36 [2353.00] -4.31 [-1.57,5.33] -0.88 [4.92] 0.38 [2353.00] 0.38 [2353.00] 0.35 [2353.00] 0.35 [2353.00] 0.45 [-0.25,3.39] 1.46 [1.15] 0.44 [2353.00]	-0.90[-0.08,4.10] -0.38 [2.69] 0.70 [2342.00] -0.92[-3.96,4.12] -0.36 [2.57] 0.72 [2342.00] 0.85[-4.48,6.17] 0.73 [2342.00] 0.85[-4.48,6.17] 0.76 [2342.00] 0.86[-0.44,2.07] 0.77 [2342.00] 0.86[-0.44,2.07] 0.77 [2342.00] 0.86[-0.44,2.07] 0.77 [2342.00] 0.87 [2342.00] 0.87 [2342.00]	-0.29 [2,67] 0.77 [2345.06] 0.03[-5.16.5.21] 0.01 [2.64] 0.99 [2345.06] -0.02[-5.50,5.47] -0.01 [2.80] 1.00 [2345.06]		-0.44 [4.70] 0.05 [2345.00] -5.25] -14.34.3.84] -1.13 [4.94] -0.25 [2345.00] -4.34] -3.39.5.30] -0.88 [4.91] 0.38 [2345.00] 0.08[-0.09.0.25] 0.31 [0.09] 0.35 [2345.00]	-0.07 [2.58] 0.34 [2344.00] 1.29[-3.82,6.20] 0.47 [2.54] 0.54 [2.344.00] 0.54[-4.46,6.14] 0.31 [2.70] 0.75 [2344.00] 0.10[0.00,0.29]* 2.05 [0.05] 0.04 [2344.00]
/ Rucessmelladan	0.45 [2343.00] 0.05[-5.43,5.53]		0.26 [2343.00] -4.33[-13.97,5.31]	0.72 [2342.00] 0.85[-4.48,6.17]	0.99 [2345.00] -0.02[-5.50,5.47]		0.26 [2345.00] -4.34[-13.98,5.30]	0.64 [2344.00] 0.84[-4.46,6.14]
V-Acc	0.02 [2.79] 0.98 [2343.00] 0.15[0.05.0.24]**		-0.88 [4.92] 0.38 [2343.00] 0.08[-0.09.0.25]	0.31 [2.72] 0.76 [2342.00] 0.14[0.04.0.23]**	-0.01 [2.80] 1.00 [2345.00] 0.11[0.01.0.21]*		-0.88 [4.91] 0.38 [2345.00] 0.08[-0.09.0.25]	0.31 [2.70] 0.75 [2344.00] 0.10[0.00.0.19]*
V-StoreTypedepartmentstore	3.03 [0.05] 0.00 [2343.00]		0.93 [0.09] 0.35 [2343.00]	2.85 [0.05] 0.00 [2342.00]	0.11[0.01,0.21]* 2.25 [0.05] 0.02 [2345.00]		0.93 [0.09] 0.35 [2345.00]	2.05 [0.05] 0.04 [2344.00]
	1.66 [0.65] 0.10 [2343.00]		1.46 [1.15] 0.14 [2343.00]	1.27 [0.63] 0.21 [2342.00]				
/_StoreTypesupermarket	0.10 [2343.00] 1.28[0.00,2.56]+ 1.96 [0.63]		0.14 [2343.00] 1.38[-0.88,3.64] 1.19 [1.15]	1.08[-0.17,2.32]+ 1.09 [0.64]				
$Race ContRespNonAmWhiteV_{s}Product cignort tes$	1.56 [0.05] [2143.06] 0.25 [-7.33,7.72] 0.27 [3.36] 0.27 [3.36] 0.27 [3.36] 0.37 [3.40] 0.31 [3.40,0.5] 0.31 [3.40,0.5] 0.31 [3.40] 0.31 [3.45] 0.31 [3.45] 0.31 [3.45] 0.31 [3.45] 0.31 [3.45] 0.31 [3.45] 0.31 [3.45] 0.31 [3.46] 0.31 [1.19 [1.15] 0.25 [2543.00] -1.66[-1.108,11.76] -0.24 [6.84] -0.24 [6.84] -0.31 [2343.00] 3.55[-8.98,16.27] 0.57 [2343.00] 6.87 [2343.00] 0.31 [2343.00] 0.31 [2343.00] -0.22 [6.44] -0.42 [2343.00]	0.54[-6.88,7.97] 0.14 [3.78]	-6.29[-13.93,1.35] -1.61 [3.90]		-1.67[-15.09,11.76] -0.24 [6.84] 0.81 [2345.00] 3.73[-8.89,16.35] 0.58 [6.44] 0.56 [2345.00] 6.65[-6.72,19.95] 0.97 [6.80] 0.33 [2345.00] -1.25[-13.85,11.39] -0.19 [6.44] 0.85 [2345.00]	-6.00[-13.38,1.20] -1.20 [3.76] 0.11 [2244.00] 2.04[-4.90,8.98] 0.28 [3.54] 0.58 [2244.00] -0.37 [3.74] 0.71 [2344.00] 0.08]-6.85,7.02] 0.02 [3.54] 0.38 [2344.00]
$RaceContRespWhiteAmericanV_Producteignzettes$	0.94 [2343.00] 3.32[-3.86,10.50]		0.81 [2343.00] 3.63[-8.98,16.27]	0.89 [2342.00] 2.68[-4.30,9.66]	0.11 [2345.00] 2.73[-4.45,9.92]		0.81 [2345.00] 3.73[-8.89,16.35]	0.11 [2344.00] 2.04[-4.90,8.98]
RaceContRespNonAmWhiteV_Producthandsracesupplies	0.37 [2343.00] 2.36[-5.23,9.94]		0.57 [2343.00] 6.86[-6.48,20.19]	0.45 [2342.00] 0.95[-6.42,8.32]	0.46 [2345.00] 0.11[-7.48,7.70]		0.56 [2345.00] 6.61[-6.72,19.95]	0.56 [2344.00] -1.37[-8.70,5.96]
BaseCont Bear(White American V. Producthandronourmellos	0.61 [3.87] 0.54 [2343.00] 1.19[-5.99.6.30]		1.01 [6.80] 0.31 [2343.00] -1.32[-13.94.11.30]	0.25 [3.76] 0.80 [2342.00] 1.17[-5.81.8.14]	0.03 [3.87] 0.98 [2345.00] 0.13[-7.05.7.31]		0.97 [6.80] 0.33 [2345.00] _1.29[_13.85.11.39]	-0.37 [3.74] 0.71 [2344.00] 0.06[-6.85.707]
	0.33 [3.66] 0.75 [2343.00]		-0.21 [6.44] 0.84 [2343.00]	0.33 [3.56] 0.74 [2342.00]	0.04 [3.66]		-0.19 [6.44] 0.85 [2345.00]	0.02 [3.54]
${\tt RaceContRespNonAmWhiteVJ^*roducttoiletpaper}$	0.75 [2343.00] 2.12[-5.45,9.68] 0.55 [3.86] 0.58 [2343.00]		0.84 [2343.00] 1.82[-11.47,15.11] 0.27 [6.78] 0.79 [2343.00]	1.09 [0.04] 0.09 [2342.06] 0.54 [-8.87.37] 0.14 [3.78] 0.18 [2342.06] 0.75 [2342.06] 0.75 [2342.06] 0.59 [-6.42,8,32] 0.35 [2342.06] 0.11 [-5.81,8,14] 0.31 [2342.06] 0.44 [2342.06] 0.44 [2342.06] 0.46 [2342.06]	-6.29[-13.93,1.35] -1.61 [1.90] 0.11 [2345.00] 0.12 [2345.00] 0.75 [3.66] 0.46 [2345.00] 0.11[-7.48,7.70] 0.052 [337] 0.98 [2345.00] 0.13[-7.60,7.31] 0.98 [2345.00] 0.97 [2345.00] 0.97 [2345.00] 0.97 [2345.00] 0.48 [2345.00]		0.85 [2345.00] 1.70[-11.59,14.99] 0.25 [6.78] 0.80 [2345.00]	0.98 [2344.00] -3.23[-10.55.4.08] -0.87 [3.73] 0.29 [2344.00]
${\tt RaceContRespWhiteAmericanV.Product} til et paper$	0.58 [2343.00] 0.91 [-6.13,7.95] 0.25 [3.59] 0.80 [2343.00]		0.27 [6.76] 0.29 [2343.00] 0.12 [6.31] 0.12 [6.31] 0.12 [6.31] 0.12 [6.31] 0.24 [2343.00] 0.24 [2343.00] 1.64 [-10.81,14.10] 0.36 [6.32] 0.80 [2343.00] 0.80 [2343.00] 0.80 [2343.00] 0.80 [2343.00]	0.02 [31,23,0] 0.03 [31,23] 0.15 [3,20] 0.15 [23,20] 0.15 [23,20] 0.20 [23,20] 2.64 [-23,9,20] 2.64 [-23,9,20] 0.62 [23,20] 0.62 [23,20] 0.63 [23,20] 0.71 [23,20] 0.71 [23,20] 0.72 [23,20] 0.73 [23,20] 0.74 [23,20] 0.75 [23,	-0.71 [1.86] 0.45 [2345.00] -2.84]-9.80(.20) -0.79 [1.50] 0.47 [2345.00] 2.20]-5.329.73 0.57 [2345.00] -0.77 [2345.00] -0.77 [1.61] 0.79 [2345.00] -0.71 [1.61] 0.79 [2345.00] -0.31[-8.147.65] -0.30 [1.97] 0.31 [2345.00]		0.25 [6.76] 0.80 [234.5.00] 0.86[-11.49,13.28] 0.44 [6.31] 0.89 [234.5.00] 2.09[-11.1,15.31] 0.31 [6.74] 0.76 [234.5.00] 1.56[-0.89,14.02] 0.81 [234.5.00] 0.81 [234.5.00] 0.81 [234.5.00] 0.81 [234.5.00]	0.30 [2344.09] -0.30 [3-47] -0.00 [3-47] 1.66 [-3.08-35] 1.66 [-3.08-35] 1.66 [-3.08-35] -0.40 [-3.08-35] -0.41 [-3.08-35] -0.41 [-3.08-36] -0.41 [
Race ContRespNonAmWhite V.Racensme ff Black	0.80 [2343.00] 4.41[-3.11,11.93] 1.15 [3.83] 0.25 [2343.00] 3.13[-3.95,10.21] 0.87 [3.61] 0.39 [2343.00] 2.82[-4.97,10.61] 0.71 [3.97] 0.48 [7343.00]		0.90 [2343.00] 2.22[-11.00,15.44] 0.33 [6.74]	0.85 [2342.00] 3.89[-3.41,11.20] 1.04 [3.73]	0.43 [2345.00] 2.20[-5.32,9.73] 0.57 [3.84]		0.89 [2345.00] 2.09[-11.13,15.31] 0.31 [6.74]	0.37 [2344.00] 1.68[-5.59,8:95] 0.45 [3.71]
$Race ContResp White American V_Race name f Black\\$	0.25 [2343.00] 3.13[-3.95,10.21]		0.74 [2343.00] 1.64[-10.81,14.10]	0.30 [2342.00] 2.64[-4.25,9.52]	0.57 [2345.00] -0.58[-8.07,6.10]		0.76 [2345.00] 1.56[-10.89,14.02]	0.65 [2344.00] -1.49[-8.33,5.36]
RaceContRespNonAmWhiteV_RacemamefChinese	0.87 [3.61] 0.39 [2343.00] 2.82[-4.97.10.61]		0.26 [6.35] 0.80 [2343.00] 5.84[-7.84.19.52]	0.75 [3.51] 0.45 [2342.00] 1.61[-5.96.9.18]	-0.27 [3.61] 0.79 [2345.00] -0.34[-8.14.7.45]		0.25 [6.35] 0.81 [2345.00] 5.76[-7.92.19.44]	-0.43 [3.49] 0.67 [2344.00] -1.65(-9.18.5.88)
BaceContReepWhiteAmericanV_RacemaneChinese	0.71 [3.97] 0.48 [2343.00]		0.84 [6.98] 0.40 [2343.00]	0.42 [3.86] 0.68 [2342.00]	-0.09 [3.97] 0.93 [2345.00]		0.83 [6.98] 0.41 [2345.00]	-0.43 [3.84] 0.67 [2344.00]
	1.44 [3.58] 0.15 [2343.00]		1.22 [6.26] 0.22 [2343.00]	1.07 [3.48] 0.29 [2342.00]	0.19 [3.58] 0.85 [2345.00]		1.24 [6.28] 0.21 [2345.00]	-0.26 [3.46] -0.26 [3.46] 0.79 [2344.00]
${\tt RaceContReepNonAmWhiteV,Racenomefindian}$	2.17[-5.41,9.75] 0.56 [3.87]		6.87[-6.46,20.20] 1.01 [6.80]	0.91[-6.46,8.28] 0.24 [3.76]	-1.85[-9.44,5.73] -0.48 [3.87]		6.72[-6.60,20.05] 0.99 [6.80]	-3.18[-10.51,4.15] -0.85 [3.74]
$Race ContResp White American V_Race name findian$	6.72 (3.07) 6.45 [23.456] 5.16[-1.86, 12.18] 6.44 [3.26] 6.15 [23.45.06] 6.27 [23.45.06] 6.26 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [23.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45] 6.27 [24.45]		$\begin{array}{c} 5.84[-7.84,19.32] \\ 0.84 [0.98] \\ 0.40 [2343.00] \\ 7.60[-4.87,19.98] \\ 1.22 [6.23] \\ 0.22 [2343.00] \\ 6.87[-6.46,20.30] \\ 0.31 [2343.00] \\ 0.31 [2343.00] \\ 0.31 [2343.00] \\ 0.31 [2343.00] \\ 0.31 [2343.00] \\ 0.32 [2343.00] \\ 0.42 [2343.00] \\ 0.42 [2343.00] \\ 0.62 [2343.00] \\ -0.69 [2343.00] \\ 0.69 [2343.00] \\ 0.69 [2343.00] \end{array}$	-0.30[-7.41,6.82] -0.08 [3.63]	-0.00 (1.0), (1.		0.33 [6.95] 0.41 [234.500] 7.81[-4.52,20,13] 1.24 [6.25] 0.21 [234.500] 6.72[-6.60,20,03] 0.32 [234.500] 0.32 [234.500] 0.32 [234.500] 0.35 [-4.49,21,23] 1.28 [6.56] 0.20 [234.500] -0.32 [6.70] 0.60 [234.500]	-3.24[-10.31,3.84] -0.90 [3.61]
V.Producteiguzettes $V.R$ acenamefBlack	0.76 [2343.00] 0.72[-6.79,8.23] 0.19 [3.83]		0.21 [2343.00] -3.31[-16.45,9.84] -0.49 [6.70]	0.93 [2342.00] 1.13[-6.16,8.43] 0.30 [3.72]	0.65 [2345.00] -1.31[-8.82,6.20] -0.34 [3.83]		0.20 [2345.00] -3.48[-16.62,9.65] -0.52 [6.70]	0.37 [2344.00] -0.84[-8.10,6.41] -0.23 [3.70]
V_p roducthaedvaresupplies V_p Racenameffllack	0.85 [2343.00] 0.46[-7.41,8.33]		0.62 [2343.00] -2.83[-16.56,10.89]	0.76 [2342.00] 0.69[-6.96,8.33]	0.73 [2345.00] 1.17[-6.70,9.05]			0.82 [2344.00] 1.49[-6.11,9.09]
V.ProducttelletpaperV.RucenamefBlack	0.01 [24.01] 0.03 [23.00] 0.01 [23.00] 0.03 [3.00] 0.03 [3.00] 0.03 [3.00] 0.03 [23.00] 0.03 [23.00] 0.03 [23.00] 0.03 [23.00] 0.04 [3.00] 0.04 [3.00] 0.04 [3.00] 0.07 [23.00] 0.07 [23.00] 0.07 [23.00] 0.07 [33.00] 0.07 [33.00]		-0.41 [7.00] -0.09 [233.00] -5.31]-18.06.8.04] -0.78 [6.85] -0.47 [233.00] -0.57 [6.95] 0.57 [233.00] 0.57 [233.00] 0.77 [6.78] 0.44 [233.00] -0.50 [-1377,12.78] -0.07 [6.77] 0.94 [233.00] 4.20]-8.70,18.54] 0.71 [6.95] 0.48 [2343.00]	0.18 [J.30] 0.86 [Z42.06] 4.19[-3.22.11.09] 1.11 [Z42.06] 0.27 [Z42.06] 1.20 [Z42.06] 1.30 [-3.00,11.57] 0.30 [Z42.06] 0.40 [J.37] 0.40 [J.37] 0.40 [J.37] 0.40 [J.37] 0.51 [Z42.06] 0.40 [J.37] 0.51 [Z42.06] 0.40 [J.37] 0.51 [Z42.06] 0.40 [J.37] 0.53 [Z42.06] 0.47 [Z42.06]	0.77 [2345.00] 0.65[-6.99,8.29]		-0.47 [0.98] 0.64 [2345.00] -0.27 [0.87,502] -0.78 [0.81] 0.43 [2345.00] -3.86 [-77.00,9.73] -0.56 [0.94] 0.58 [2345.00] 0.58 [2345.00] 0.79 [0.78] 0.43 [2345.00] -0.02 [-1.25,0.72,5] -0.06 [0.77] 0.59 [235.00]	0.78 [2.84] 0.70 [2244.00] 1.28[-6.10,8.05] 0.73 [2244.00] 0.73 [2244.00] 1.39[-6.11,8.01] 0.73 [2344.00] 0.72 [2344.00] 0.73 [2344.00] -1.00[-1.133.30] -1.00[-1.133.30] 0.72 [2344.00] -1.00[-1.133.30] 0.73 [2344.00] 0.73 [2344.00] 0.73 [2344.00] 0.74 [2344.00]
V ProducteignettesV RacenameChinese	0.93 [3.89] 0.35 [2343.00]		-0.78 [6.82] 0.44 [2343.00]	1.11 [3.78] 0.27 [2342.00]	0.17 [3.89] 0.87 [2345.00]		-0.78 [6.81] 0.43 [2345.00]	0.34 [3.76] 0.73 [2344.00]
	0.93 [3.98] 0.35 [2343.00]		-0.57 [6.95] 0.57 [2343.00]	1.03 [3.87] 0.30 [2342.00]	0.27 [3.98] 0.79 [2345.00]		-0.56 [6.94] 0.58 [2345.00]	0.35 [3.85] 0.72 [2344.00]
V. Producthandware supplies V. Rucemann et Chinese	2.50[-5.11,10.11] 0.64 [3.88] 0.52 [7343.00]		5.22[-8.09,18.52] 0.77 [6.78] 0.44 [7343.00]	1.49[-5.90,8.89] 0.40 [3.77] 0.69 [2342.00]	2.25[-5.37,9.87] 0.58 [3.89] 0.56 [2345.00]		5.33[-7.95,18.66] 0.79 [6.78] 0.43 [7345.00]	1.10[-6.26,8.46] 0.29 [3.75] 0.77 [7344.00]
V_{\bullet} Producttelletpaper V_{\bullet} BacenamefChinose	-2.36[-9.98,5.26] -0.61 [3.88]		-0.50[-13.77,12.78] -0.07 [6.77]	-2.49[-9.89,4.91] -0.66 [3.77]	-3.62[-11.25,4.00] -0.93 [3.89]		-0.42[-13.69,12.85] -0.06 [6.77]	-3.76[-11.13,3.60] -1.00 [3.75]
V_{p} Producteiguettes V_{p} RacenamefIndian	0.54 [2343.00] -1.88[-9.68,5.92] -0.47 [3.98]		0.94 [2343.00] 4.92[-8.70,18.54] 0.71 [6.95]	0.51 [2342.00] -2.81[-10.39,4.77] -0.73 [3.86]	0.35 [2345.00] -2.81[-10.62,5.00] -0.71 [3.98]		4.94[-8.68,18.57] 0.71 [6.95]	0.32 [2344.00] -3.82[-11.36,3.72] -0.99 [3.85]
VProducthaedwaresupplies V Racenamefindian	0.64 [2343.00] 2.56[-5.13,10.25]		0.48 [2343.00] 2.51[-10.99,16.00] 0.36 [6.88] 0.72 [2343.00]	0.47 [2342.00] 1.97[-5.51,9.44]	0.48 [2345.00] 2.06[-5.64,9.75] 0.52 [3.93] 0.60 [2345.00]		0.48 [2345.00] 2.46[-11.03,15.95] 0.36 [6.88] 0.72 [2345.00]	0.32 [2344.00] 1.40[-6.04,8.83] 0.37 [3.79] 0.71 [2344.00]
V.ProducttelletpaperV.Bucenamefladian	0.65 [3.92] 0.51 [2343.00] -1.59[-9.41.6.24]		0.36 [6.88] 0.72 [2343.00] 0.82[-12.84.14.48]	0.52 [3.81] 0.61 [2342.00] -1.67[-9.27.5.93]	0.52 [3.93] 0.60 [2343.00] -2.76[-10.59.5.07]		0.36 [6.88] 0.72 [2345.00] 0.90[-12.75.14.55]	0.37 [3.79] 0.71 [2344.00] -2.84[-10.40.4.72]
BaceContReenNonAmWhiteV_ProductsiracettesV_RacemansfBlack	-0.40 [3.99] 0.69 [2343.00]		0.12 [6.96] 0.91 [2343.00]	-0.43 [3.88] 0.67 [2342.00]	-0.09 [3.99] 0.49 [2345.00]		0.13 [6.96] 0.90 [2345.00]	-0.74 [3.85] 0.46 [2344.00]
	-5.39[-19.64,2.47] -1.52 [5.64] 0.13 [2343.00]		0.72 [2343.00] 0.82[-12.84,14.48] 0.12 [6.96] 0.91 [2343.00] 4.96[-14.37,24.29] 0.50 [2343.00] -6.62[-24.99,11.44] -0.72 [9.21] 0.47 [9.33 [0.6]	0.47 [2022.09] 0.47 [2022.09] 0.47 [3.51] 0.52 [3.51] 0.52 [3.51] 0.57 [3.52] 0.57 [3.52] 0.57 [2022.09]	0.00 [2345.00] -2.70[-10.59,5.07] -0.09 [3.00] 0.49 [2345.00] -0.36[-11.44,10.68] -0.07 [5.64] 0.35 [2345.00] -4.08[-15.01,5.65] -0.80 [5.27] 0.37 [2345.00]		0.72 [2345.00] 0.90[-12.75,14.55] 0.13 [6.96] 0.90 [2345.00] 5.04[-14.29,24.36] 0.51 [2345.00] -6.30[-24.42,11.71] -0.09 [9.21] 0.49 [2345.00]	0.71 [2344.00] -2.84[-30.40,4.72] -0.74 [3.85] 0.46 [2344.00] -1.51[-12.19,9.17] -0.28 [3.45] 0.78 [2344.00] -3.40[-13.38,6.57] -0.67 [5.00] 0.70 [2344.00]
Race ContResp White American V. Product cigarettes V. Racemame fBlack	-8.20[-18.52,2.12] -1.56 [5.26]		-6.62[-24.69,11.44] -0.72 [9.21]	-6.97[-17.00,3.06] -1.36 [5.12]	-4.68[-15.01,5.65] -0.89 [5.27]		-6.35[-24.42,11.71] -0.69 [9.21]	-3.40[-13.38,6.57] -0.67 [5.09]
Race ContRespNon AmWhite V. Producthar dware supplies V. Race name fBlack	-1.86[-13.01,9.30] -0.33 [5.69]		0.67 [-18.79,20.12] 0.67 [9.92]	-1.63[-12.46,9.21] -0.29 [5.52]	-0.89 [5.27] 0.37 [2345.00] -2.11[-13.27.9.04] -0.37 [5.09] 0.71 [2345.00] -0.57[-11.14,10.00] -0.11 [5.29] 0.92 [2345.00]		1.39[-18.05,20.83] 0.14 [9.91]	-2.03[-12.80,8.74] -0.37 [5.49]
${\tt RaceContRespWhiteAmericanV.Producthaedware supplies V.Racemamed Black}$	0.74 [2343.00] -1.50[-12.06.9.06]		0.95 [2343.00] 4.31 [-14.12,22.75]	0.77 [2342.00] -1.88[-12.14.8.38]	0.71 [2345.00] -0.57[-11.14,10.00]		0.89 [2345.00] 4.47[-13.97,22.90]	0.71 [2344.00] -1.04[-11.25,9.17]
RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefBlack	0.78 [2343.00] -9.33[-20.48,1.81]		0.65 [2343.00] 6.65 [-12.85,26.15]	0.72 [2342.00] -10.13[-20.96,0.70]+	0.92 [2345.00] -4.12[-15.27,7.03]		0.63 [2345.00] 6.70[-12.79,26.20]	0.84 [2344.00] -4.98[-15.75,5.79]
BaceContRespWhiteAmericanV-ProductiodetnamerV-BacemannefBlack	-1.64 [5.68] 0.10 [2343.00]		0.67 [9.94] 0.50 [2343.00]	-1.83 [5.52] 0.07 [2342.00]	-0.72 [5.69] 0.47 [2345.00]		0.67 [9.94] 0.50 [2345.00]	-0.91 [5.49] 0.36 [2344.00]
BaseContilleerNon AmWhiteV Productsinent to V Basenamet Chinase	1.00 (-9.41.5.2) (-0.77 [9.22] 0.47 [3543.00] 0.47[-18.73.20.12] 0.07 [9.22] 0.05 [3343.00] 4.13[-14.12.22.73] 0.46 [9.00] 0.45 [2343.00] 0.45 [2343.00] 0.47 [9.30] 0.18 [2343.00] 1.44[-16.42.19.70] 0.18 [2343.00] 0.40 [2343.00] 0.41 [2343.00] 0.42 [2343.00]	-1.22 [5.12] 0.22 [2342.00]	-0.01 [5.27] 0.99 [2345.00]		-0.00 [0.21] 0.49 [2345.00] 1.20[-18.03,25.25] 0.44 [0.21] 0.35 [2345.00] 0.35 [2345.00] 0.35 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.37 [2345.00] 0.38 [2345.00]	-0.07 [5.09] 0.30 [2344.03] -2.03 [-12.80.8.74] -0.77 [2.44.03] -0.71 [244.03] -1.04 [-11.20,9.17] -0.30 [2.74] -0.31 [2.70] -0.32 [2.70] -0.32 [2.74.03] 0.05 [2344.03] 0.09 [2344.03] 0.09 [2344.03] 0.09 [2344.03]
	-9.72[-21.01,1.57]+ -1.69 [5.76] 0.09 [2343.00]		-2.07[-21.80,17.65] -0.21 [10.06] 0.84 [2343.00]	-1.22 [5.12] 0.22 [2342.00] -9.14[-20.11,1.82] -1.64 [5.59] 0.10 [2342.00]	-0.57[-11.87,10.72] -0.10 [5.76] 0.92 [2345.00]		-2.21[-21.93,17.52] -0.22 [10.06] 0.83 [2345.00]	0.08[-10.83,11.00] 0.02 [5.56] 0.99 [2344.0%
Race ContResp White American V. Product eign cettes V. Race name f Chinese	-1.69 [3.76] 0.09 [2343.00] -12.91[-23.37,-2.44]* -2.42 [3.34] 0.02 [2343.00] -2.80[-14.03,8.45] -0.49 [3.74] 0.63 [2343.00]		-0.27 [10.06] 0.84 [23.50] -9.96[-26.23,8.31] -1.07 [9.27] -0.26 [23.50,0] -0.27 [23.50,0] -0.26 [2.29] -0.26 [2.29] -0.27 [23.50,0] -0.27 [23.50,0]		0.92 [2345.00] -4.12[-15.27,703] -0.72 [5.00] -0.72 [5.00] -0.06[-1.00,0.1.27] -0.01 [5.27] -0.01 [5.27] -0.02 [2345.00] -0.37[-11.87,10.72] -0.10 [5.74] 0.92 [2345.00] -1.39 [5.34] -1.39 [5.34] -1.30 [-14.61,7.90] -0.55 [2345.00] -1.30 [-2345.00] -1.30 [-2345.00] -1.30 [-2345.00]		-2.21[-21.90,17.2] -0.22 [10.06] 0.83 [2345.00] -1.80[-28.77.77] -1.33 [9.31] 0.26 [2345.00] -0.17[-24.84,14.2] -0.22 [20.07] 0.61 [2345.00] -0.40 [9.29] 0.60 [2345.00] -0.11[-20.75,18.33] -0.11 [10.01] 0.91 [2345.00] -1.16.00 [9.21] 0.92 [2345.00] -1.16.00 [9.21] 0.93 [2345.00]	0.02 [5.56] 0.39 [2344.0] -6.41 [-6.523.71] -1.24 [5.16] 0.21 [2344.0] -2.09 [-12.57.87] -0.71 [2344.0] -0.71 [2344.0] -0.54 [5.14] 0.72 [2344.0] -0.54 [5.14] 0.72 [2344.0] 0.73 [5.50] 0.44 [2344.0] 0.75 [5.50] 0.45 [2344.0] 0.75 [5.50] 0.47 [2344.0]
$Race ContRespNon AmWhite V. Product hardware supplies V. Race name \theta Chinese$	0.02 [2343.00] -2.80[-14.05,8.45] -0.49 [5.74]		0.28 [2343.00] -5.00[-24.68,14.68] -0.50 [10.04]	0.03 [2342.00] -1.65[-12.58,9.28] -0.30 [5.57]	0.11 [2345.00] -3.36[-14.61,7.90] -0.58 [5.74]		0.26 [2345.00] -5.17[-24.84,14.51] -0.52 [10.03]	0.21 [2344.00] -2.09[-12.97,8.78] -0.38 [3.54]
Race ContResp White American V. Producthardware supplies V. Racenome d'Chinese	0.63 [2343.00] -4.09[-14.52,6.34]		0.62 [2343.00] -3.37[-21.59,14.86]	0.77 [2342.00] -3.12[-13.25,7.01]	0.56 [2345.00] -4.43[-14.87,6.00]		0.61 [2345.00] -3.72[-21.94,14.50]	0.71 [2344.00] -3.28[-13.35,6.80]
RaceContRespNonAmWhiteV.ProducticiletpaperV_RacenamefChinese	0.63 [2343.00] -4.09[-14.52,6.34] -0.77 [5.32] 0.44 [2343.00] 0.36[-10.90,11.62] 0.05 [3.74] 0.05 [2343.00] -2.61[-12.96,7.73] -0.50 [5.28] 0.67 [7343.00]		-0.36 [9.29] 0.72 [2343.00] -1.07[-20.71,18.56]	-0.60 [5.17] 0.55 [2342.00] 0.88[-10.06,11.81]	0.56 [2345.00] -4.52[-14.87,6.00] -9.53 [5.32] 0.40 [2345.00] 3.71[-7.57,14.59] 0.64 [5.73] 0.52 [2345.00] 1.74[-8.61,12.10] 0.33 [5.28] 0.74 [7345.00]		-0.40 [9.29] 0.69 [2345.00] -1.11[-20.75,18.53]	-0.64 [5.14] 0.52 [2344.00] 4.31[-6.58,15.20]
RaceContRepWhiteAmerican V_ProducttoiletpaperV_Racemene(Chinese	0.06 [5.74] 0.95 [2343.00]		-0.11 [10.01] 0.91 [2343.00]	0.16 [5.58] 0.88 [2342.00]	0.64 [5.75] 0.52 [2345.00]		-0.11 [10.01] 0.91 [2345.00]	0.78 [5.55] 0.44 [2344.00]
	-2.91[-12.96,7.73] -0.50 [5.28] 0.62 [2343.00]		-9.90[-27.63,8.45] -1.04 [9.21] 0.30 [2343.00]	-0.81[-10.92,9.19] -0.17 [5.13] 0.87 [2342.00]	1.14[-8.61,12.10] 0.33 [5.28] 0.74 [2345.00]		-9.73[-27.78,8.33] -1.06 [9.21] 0.29 [2345.00]	3.62[-0.35,13.62] 0.71 [5.10] 0.48 [2344.00]
$Race ContRespNon AmWhite V_{J} Product cigarettos V_{J} Racename fIndian$	0.62 [2343.00] -3.69[-14.93,7.55] -0.64 [5.73] 0.52 [2343.00]		-1.04 [8.21] -1.07 [3.24,50] -10.78[-30.40,8.85] -1.08 [10.01] -1.28 [2343.00] -1.29 [2343.00] -0.12[-1.24,0.12] -0.01 [2.85] -0.01 [2.85] -0.01 [2.85] -0.05 [2343.00] -0.07 [2343.00]	-1.80(-12.72,9.12) -0.32 [5.57]	0.74 [2345.00] 4.94[-6.31,16.20] 0.86 [5.74] 0.39 [2345.00]		-1.06 [0.21] 0.29 [2345.00] -10.05]-30.31.8.34] -1.07 [10.01] 0.29 [2345.00] -2.08]-38.41,-1.33]* 0.21 [2345.00] 0.17]-32.19.54] 0.02 [2345.00] 0.20 [2345.00] 0.20 [2345.00] 0.20 [2345.00] 0.20 [2345.00] 0.20 [2345.00]	0.71 [5.16] 0.45 [2341.00] 6.94[-3.93,17.81] 1.25 [5.54] 0.22 [234.00] -0.26 [-39.52,10.00] -0.05 [2341.00] -0.26 [2341.00] -0.27 [-39.54] -0.41 [5.45] 0.09 [2344.00] -0.31 [5.15] -0.34 [5.11] 0.09 [2344.00]
Race ContResp White American V. Product cigarettes V. Race name find in a contract of the co	-6.25[-16.86,4.36] -1.16 [5.41]		-19.80[-38.34,-1.27]* -2.10 [9.45]	-3.04[-13.36,7.27] -0.58 [5.26]	-3.73[-14.35,6.88] -0.09 [5.41]		0.29 [2345.00] -19.88[-38.41,-1.35]* -2.10 [9.45]	-0.26[-10.52,10.00] -0.05 [5.23]
${\tt RaceContRespNenAmWhiteV.Producthardware supplies V.Racename findian}$	0.25 [2343.00] -4.17[-15.23,6.90] -0.74 [5.64]		0.04 [2343.00] -0.12[-19.49,19.26] -0.01 [9.88]	0.56 [2342.00] -3.86[-14.61,6.89] -0.70 [5.48]	0.49 [2345.00] -2.52[-13.60,8.55] -0.45 [3.65]		0.04 [2345.00] 0.17[-19.21,19.54] 0.07 [9.68]	0.96 [2344.00] -2.21[-12.91,8.49] -0.41 [5.45]
Race ContResp White American V. Producthardware supplies V. Race no mediadian	0.46 [2343.00] -1.49[-11.86,8.87]		0.99 [2343.00] 0.35[-17.82,18.51]	0.48 [2342.00] -1.31[-11.38,876]	0.66 [2345.00] -0.91[-11.28,9.47]		0.99 [2345.00] 0.20[-17.96,18.36]	0.09 [2344.00] -0.70[-10.72,9.32]
RaceContReepNonAmWhiteV_ProductiviletpaperV_Rucenomefindian	0.72 [2743.06] -6.32]-[0.80,4.16] -1.16 [5.41] -0.72 [2.44.06] -1.7[-15.23.630] -0.74 [3.64] -0.6 [274.06] -1.8[-11.80.25.07] -0.78 [2743.06] -0.44 [3.67] -0.44 [3.67] -0.66 [2743.07] -0.66 [2743.07] -0.66 [2743.07] -0.66 [2743.07]		0.04 [9.26] 0.97 [2343.00] -1.92[-21.32.17.44]	-0.26 [5.14] 0.80 [2342.00] -2.19(-12.99.8 (m)	0.29 [2345.09] -3.73[-4.33.6.38] -0.09 [5.41] 0.49 [2345.09] -2.52[-13.608.53] -0.45 [5.09] -0.55 [2345.09] -0.17 [5.29] -0.57 [2345.09] 4.79[-6.37,15.87] 0.49 [2345.09] 0.49 [2345.00] 3.92[-6.63,14.47] 0.73 [5.38]		0.02 [9.26] 0.98 [2345.00] -2.03[-21.43.17 17]	-0.14 [5.11] 0.89 [2344.00] 5.07[-5.96.15.81]
	-0.44 [5.67] 0.66 [2343.00]		0.54 [2543.00] 0.97 [2543.00] -1.92[-21.32,17.48] -0.19 [9.89] 0.85 [2545.00] -11.23[-29.65,7.18] -1.70 [9.78]	-0.40 [5.50] 0.69 [2342.00]	0.84 [5.67] 0.40 [2345.00]		0.02 [326] 0.98 [2345.00] -2.03[-21.43,17.37] -0.21 [9.89] 0.84 [2345.00] -11.37[-29.78,7.05] -1.21 [9.39] 0.23 [2345.00]	0.93 [5.48] 0.35 [2344.00]
Race Cont Resp White American V. Product to det paper V. Race name find an anti-contract of the product of th	-0.31[-10.85,10.23] -0.06 [5.38] 0.95 [2343.00]		-11.23[-29.65,7.18] -1.20 [9.39] 0.23 [2343.00]	0.31 [5.22] 0.76 [2342.00]	3.92[-6.63,14.47] 0.73 [5.38] 0.47 [2345.00]		-11.37[-29.78,7.05] -1.21 [9.39] 0.23 [2345.00]	s.96[-4.23,16.16] 1.15 [5.20] 0.25 [2344.00]
MorallyWrong	,	0.19[0.17,0.21]*** 16.90 [0.01] 0.00 [2392.00] 17.68 11.27	,	0.87 [272.00] 0.87 [272.01] 0.87 [277.012] 0.92 [0.37] 0.93 [0.37] 0.95 [0.37]	,	0.19[0.17,0.21]*** 17.40 [0.01] 0.00 [2392.00] 18.47 11.04	,	-0.14 [5.11] 0.39 [2344.00] 5.07[-5.96,15.81] 0.35 [5.44] 0.35 [2344.00] 5.56[-4.23,16.16] 1.15 [5.20] 0.25 [2344.00] 0.18[0.16,0.21]**** 15.73 [0.04] 0.09 [2344.00]
		0.00 [2392.00]	10.00	0.00 [2342.00]	20.32 11.28	0.00 [2392.00] 18.47	19.80 20.34	0.00 [2344.00] 18.52 10.91
SD (Intercept ID) SD (Observations)	19.36 11.28	11.27	20.34	10.98	11.28	11.04	20.34	10.91
(D) (Observations)	19.36 11.28 2396 0.030	2396	19.80 20.34 2396 0.104	17.81 10.98 2396 0.082	2396 0.074	2396	2395 0.103	2396
ID (Intecept ID) (IO (Conventions) Water Garden H Coak H Coak LC CC MMSE		11.27 2396 0.068 0.731 19847.8 19870.9 0.7 9.91			11.28 2396 0.024 0.770 19.894.9 20.189.5 0.8 9.76	11.04 2296 0.067 0.754 19817.7 19849.8 0.7 9.09	20:34 2296 0:103 0:239 22:027.7 22:322.6 0:5 18:01	10.91 2296 0.081 0.763 19682.7 19983.3 0.7 9.45

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]	28.64[27.04,30.24]*** 35.10 [0.82]	17.87[8.92,26.82]*** 3.92 [4.56]	22.71[17.32,28.10]*** 8.27 [2.75]	27.37[21.75,32.99]*** 9.56 [2.86]	28.02[26.37,29.67]*** 33.29 [0.84]	3.92 [4.56]	23.90[18.53,29.27]*** 8.73 [2.74]
	0.00 [2365.00]	0.00 [2392.00]	0.00 [2365.00]	0.00 [2364.00]	0.00 [2365.00]	0.00 [2392.00]	0.00 [2365.00]	0.00 [2364.00]
BaceContRespNonAmWhite	-0.88[-6.24,4.48] -0.32 [2.73]		2.66[-4.86,10.19]	-1.36[-6.42,3.70] -0.53 [2.58]	3.42[-2.07,8.90] 1.22 [2.80]		2.66[-4.86,10.19]	2.90[-2.23,8.04]
	0.75 [2365.00]		0.49 [2365.00]	0.60 [2364.00]	0.22 [2365.00]		0.49 [2365.00]	0.27 [2364.00]
RaceContRespWhiteAmerican	-4.35[-9.40,0.69]+ -1.69 [2.57]		-9.75[-16.85,-2.65]** -2.69 [3.62]	-2.70[-7.47,2.07] -1.11 [2.43]	-2.52[-7.67,2.64] -0.96 [2.63]		-9.75[-16.85,-2.65]** -2.69 [3.62]	-0.76[-5.60,4.07] -0.31 [2.47]
	0.09 [2365.00]		0.01 [2365.00]	0.27 [2364.00]	0.34 [2365.00]		0.01 [2365.00]	0.76 [2364.00]
V_ProductMorMorallyQuestionable	6.16[2.40,9.92]**		18.67[12.17,25.18]***	3.00[-0.68,6.68]	6.20[2.48,9.92]**		18.67 [12.17,25.18]***	2.82[-0.80,6.45] 1.53 [1.85]
	3.21 [1.92] 0.00 [2365.00]		5.63 [3.32] 0.00 [2365.00]	1.60 [1.88] 0.11 [2364.00]	3.27 [1.90] 0.00 [2365.00]		5.63 [3.32] 0.00 [2365.00]	0.13 [2364.00]
V_Racesameffllack	-1.48[-5.07.2.10]		-3.96[-10.23.2.32]	-0.74[-4.23.2.75]	-0.35[-3.90.3.19]		-3.96[-10.23.2.32]	0.45[-2.99.3.88]
	-0.81 [1.83] 0.42 [2365.00]		-1.24 [3.20] 0.22 [2365.00]	-0.42 [1.78] 0.68 [2364.00]	-0.20 [1.81] 0.85 [2365.00]		-1.24 [3.20] 0.22 [2365.00]	0.25 [1.75]
V_Racename(Chinese	-0.81[-4.41,2.78]		-3.02 -9.28,3.24	-0.19[-3.68,3.31]	1.00[-2.56,4.55]		-3.02[-9.28,3.24]	1.66[-1.79,5.10]
	-0.44 [1.83] 0.66 [2365.00]		-0.95 [3.19] 0.34 [2365.00]	-0.10 [1.78] 0.92 [2364.00]	0.55 [1.81]		-0.95 [3.19] 0.34 [2365.00]	0.94 [1.76] 0.35 [2364.00]
V_Raceamefindan	1.30(-2.44.5.05)		-2.84[-9.34.3.66]	1.75[-1.89.5.39]	0.55 [2365.00]		-2.84[-9.34.3.66]	1.42[-2.17.5.00]
	0.68 [1.91] 0.50 [2365.00]		-0.86 [3.32]	0.94 [1.86]	0.50 [1.89]		-0.86 [3.32]	0.77 [1.83]
V-Are	0.50 [2365.00]		0.39 [2365.99] 0.09[_0.08.0.76]	0.35 [2364.00]	0.61 [2365.00]		0.39 [2365.00] 0.09[-0.08.0.26]	0.44 [2364.00]
	2.98 [0.05]		1.05 [0.09]	2.77 [0.05]	2.10 [0.05]		1.06 [0.09]	0.09[-0.01,0.18]+ 1.85 [0.05]
V.Locationinthecity	0.00 [2365.00] 0.50[-0.90.1.90]		0.29 [2365.00]	0.01 [2364.00]	0.04 [2365.00] 0.19[-1.09.1.48]		0.29 [2365.00] -0.13[-2.38,2.13]	0.06 [2364.00] 0.32[-0.93,1.56]
v_Locatomitherry	0.76 [0.66]		-0.11 [1.15]	0.94 [0.64]	0.30 [0.65]		-0.11 [1.15]	0.50 [0.63]
	0.45 [2365.00]		0.91 [2365.00]	0.34 [2364.00]	0.77 [2365.00]		0.91 [2365.00]	0.62 [2364.00]
V_Locationsearby	-0.17[-1.49,1.14] -0.26 [0.67]		-1.00[-3.28,1.29] -0.85 [1.17]	0.05[-1.23,1.33]	-0.50[-1.81,0.80] -0.76 [0.66]		-1.00[-3.28,1.29] -0.85 [1.17]	-0.25[-1.51,1.01] -0.29 [0.64]
	0.80 [2365.00]		0.39 [2365.00]	0.94 [2364.00]	0.45 [2365.00]		0.39 [2365.00]	0.70 [2364.00]
V_StoreTypedepartmentstore	1.12[-0.17,2.42]+ 1.70 [0.66]		1.31[-0.94,3.57] 1.14 [1.15]	0.91[-0.35,2.17]	-0.04[-1.32,1.25] -0.05 [0.65]		1.31[-0.94,3.57]	-0.27[-1.51,0.98] -0.42 [0.63]
	0.09 [2365.00]		0.25 [2365.00]	0.16 [2364.00]	0.96 [2365.00]		0.25 [2365.00]	0.67 [2364.00]
V_StoreTypesupermarket	1.39[0.09,2.68]*		1.48[-0.78,3.73]	1.17[-0.10,2.43]+	0.91[-0.37,2.20]		1.48[-0.78,3.73]	0.68[-0.57,1.92]
	2.09 [0.66]		1.28 [1.15] 0.20 [2365.00]	1.81 [0.64] 0.07 [2364.00]	1.39 [0.66] 0.16 [2365.00]		1.28 [1.15] 0.20 [2365.00]	1.07 [0.63] 0.29 [2364.00]
$Race ContResp Non Am White V_{s} Product Mor Morally Questionable \\$	0.18[-5.27.5.64]		-3.37[-12.82.6.07]	0.82[-4.48.6.12]	-4.42[-9.82.0.98]		-3.37 -12.82.6.07	-3.73 -8.95.1.48
	0.07 [2.78] 0.95 [2365.00]		-0.70 [4.82] 0.48 [2365.00]	0.30 [2.70] 0.76 [2364.00]	-1.61 [2.75] 0.11 [2365.00]		-0.70 [4.82] 0.48 [2365.00]	-1.40 [2.66] 0.16 [2364.00]
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionable	1.21 - 3.89.6.32		2.62[-6.22.11.46]	0.82[-4.14.5.79]	-0.54[-5.59.4.52]		2.62 -6.22.11.66	-0.93 -5.81.3.96
	0.47 [2.60]		0.58 [4.51] 0.56 [2365.00]	0.33 [2.53] 0.74 [2364.00]	-0.21 [2.58] 0.84 [2365.00]		0.56 [4.51] 0.56 [2365.00]	-0.37 [2.49] 0.71 [2364.00]
BaceContReenNonAmWhiteV.BacenamefBlack	3.63[-1.47.8.73]		3.05 2365.00	3.14[-1.82.8.10]	1.21 - 3.84.6.25		3.05[-5.87.11.97]	0.01 [2364.00]
	1.40 [2.60]		0.67 [4.55]	1.24 [2.53]	0.47 [2.57]		0.67 [4.55]	0.27 [2.49]
BaceContRessWhiteAmericanV.BacepagnefBlack	0.16 [2365.00] 2.45[-2.41.7.32]		0.50 [2365.00] 3.89[-4.61.12.40]	0.21 [2364.00] 1.74[-2.99.647]	0.64 [2365.00]		0.50 [2365.00] 3.89[-4.61.12.40]	0.79 [2364.00] -1.98[-6.63.2.68]
dari, sandriph ann sairt and particularities.	0.99 [2.48]		0.90 [4.34]	0.79 [2.41]	-0.50 [2.45]		0.90 [4.34]	-0.83 [2.37]
RaceContRespNonAmWhiteV_RacenamefChinese	0.32 [2365.00] 1.67[-3.67.7.02]		0.37 [2365.00] 4.02[-5.28.13.32]	0.47 [2364.00] 0.95[-4.24,6.15]	0.62 [2365.00] -1.92[-7.20,3.36]		0.37 [2365.00] 4.02[-5.28,13.32]	0.40 [2364.00] -2.70[-7.81,2.41]
пасессия порходит пле у дасеващее пиеме	0.61 [2.72]		0.85 [4.74]	0.56[-4.24,6.15]	-0.71 [2.69]		0.85 [4.74]	-2.10[-7.81,2.41]
	0.54 [2365.00]		0.40 [2365.00]	0.72 [2364.00]	0.48 [2365.00]		0.40 [2365.00]	0.30 [2364.00]
$Race ContResp White American V_Race name \theta Chinese$	3.01[-1.89,7.90] 1.20 [2.50]		5.90[-2.63,14.44] 1.36 [4.35]	2.05[-2.71,6.81] 0.84 [2.43]	-1.55[-6.49,3.29] -0.63 [2.47]		5.90[-2.63,14.44] 1.36 [4.35]	-2.55[-7.23,2.14] -1.07 [2.39]
	0.23 [2365.00]		0.18 [2365.00]	0.40 [2364.00]	0.53 [2365.00]		0.18 [2365.00]	0.29 [2364.00]
Race ContResp Non Am White V.Race name find is an anti-scale of the property	0.20[-5.08,5.47] 0.07 [2.69]		5.51[-3.67,14.69] 1.18 [4.68]	-0.66[-5.79,4.47] -0.25 [2.62]	-3.11[-8.33,2.11] -1.17 [2.66]		5.51[-3.67,14.69] 1.18 [4.68]	-4.00[-9.04,1.05] -1.55 [2.57]
	0.94 [2365.00]		0.24 [2365.00]	0.80 [2364.00]	0.24 [2365.00]		0.24 [2365.00]	0.12 [2364.00]
RaceContRespWhiteAmericanV_RacenamefIndian	0.51[-4.47, 5.49]		8.37[-0.29,17.04]+	-0.81[-5.66,4.03]	-2.05[-6.98,2.88]		8.37[-0.29,17.04]+	-3.44[-8.21,1.33]
	0.20 [2.54] 0.84 [2365.00]		1.90 [4.42] 0.06 [2365.00]	-0.33 [2.47] 0.74 [2364.00]	-0.81 [2.51] 0.42 [2365.00]		1.90 [4.42] 0.06 [2365.00]	-1.42 [2.43] 0.16 [2364.00]
V.ProductMorMorallyQuestionableV.Racenameffflack	2.43[-2.91,7.77]		-2.25[-11.50,7.00]	2.71 [-2.45,7.90]	-0.51 -5.80,4.77		-2.25[-11.50,7.00]	-0.23 [-5.33,4.88]
	0.89 [2.72] 0.37 [2365.00]		-0.48 [4.72] 0.63 [2365.00]	1.02 [2.65]	-0.19 [2.09] 0.85 [2365.00]		-0.48 [4.72] 0.63 [2365.00]	-0.09 [2.60]
V_ProductMorMorallyQuestionableV_Racename(Chinese	-1.00[-6.29.4.60]		-4.34[-13.94.5.26]	0.31 [2364.00] -0.47[-5.90,4.97]	-2.52[-8.06.3.02]		-4.34 -13.94.5.26	0.93 [2364.00]
	-0.35 [2.85]		-0.89 [4.90]	-0.17 [2.77]	-0.89 [2.83]		-0.89 [4.90]	-0.71 [2.73]
V,ProductMorMorallyQuestionableV,Racenamefindian	0.73 [2365.00] -2.73[-8.40,2.94]		0.38 [2365.00] 1.43[-8.27.11.13]	0.87 [2364.00] -2.90[-8.40,2.60]	0.37 [2365.00] -3.53[-9.15.2.08]		0.38 [2365.00] 1.43[-8.27.11.13]	0.48 [2364.00] -3.68[-9.10.1.74]
.,,	-0.94 [2.89]		0.29 [4.95]	-1.03 [2.81]	-1.23 [2.86]		0.29 [4.95]	-1.33 [2.76]
BaceContReenNonAmWhiteV.ProductMorMorallyOnestionableV.BacemanefBlack	0.34 [2365.00] _8.34[_16.71 _0.48]*		0.77 [2365.00] 4.62[-8.98.18.22]	0.30 [2364.00]	0.22 [2365.00]		0.77 [2365.00] 4 62[-8 98 18 72]	0.18 [2364.00]
nanconnerpronouncement and a commonweal of still Questionable V Justinian Strategy	-2.08 [4.01]		0.67 (6.93)	-2.37 [3.90]	-0.40 [3.97]		0.67 (6.93)	-0.06 [3.84]
	0.04 [2365.00]		0.51 [2365.00]	0.02 [2364.00]	0.69 [2365.00]		0.51 [2365.00]	0.51 [2364.00]
Race ContResp White American V. Product MorMorally Questionable V. Race name ffllack	-6.57[-13.94,0.79]+ -1.75 [3.75]		-4.62[-17.34,8.11] -0.71 [6.49]	-5.70[-12.86,1.45] -1.56 [3.65]	-1.83[-9.12,5.46] -0.49 [3.72]		-4.62[-17.34,8.11] -0.71 [6.49]	-0.90[-7.94,6.14] -0.25 [3.59]
	0.08 [2365.00]		0.48 [2365.00]	0.12 [2364.00]	0.62 [2365.00]		0.48 [2365.00]	0.80 [2364.00]
Race ContRespNonAmWhite V.ProductMorMorally Questionable V.Racename f Chinese	-2.97[-11.09,5.14] -0.72 [4.14]		0.11[-13.84,14.05] 0.02 [7.11]	-2.92[-10.80,4.96] -0.73 [4.02]	3.47[-4.56,11.50] 0.85 [4.10]		0.11[-13.84,14.05]	3.55[-4.21,11.31] 0.90 [3.96]
	0.47 [2365.00]		0.99 [2365.00]	0.47 [2364.00]	0.40 [2365.00]		0.99 [2365.00]	0.37 [2364.00]
${\tt RaceContRespWhiteAmericanV.ProductMorMorallyQuestionableV.RacenamefChinese}$	-4.36[-11.90,3.17]		-7.73[-20.69,5.24]	-3.13[-10.45,4.19]	0.00[-7.46,7.46]		-7.73[-20.69,5.24]	1.26 - 5.95,8.47
	-1.14 [3.84] 0.26 [2365.00]		-1.17 [6.61] 0.74 [7765.00]	-0.84 [3.73] 0.40 [2364.00]	0.00 [3.80]		-1.17 [6.61] 0.24 [2365.00]	0.34 [3.68]
$Ruce ContRespNonAmWhite V_ProductMorMorally Questionable V_Rucename findian$	-1 56-9 6s 6 60l		-4.83[-18.80.9.14]	-0.88[-8.79.7.02]	5.75[-2.31.13.81]		-4.83[-18.80.9.14]	6 39(-1 40 14 18)
	-0.37 [4.15] 0.71 [2365.00]		-0.68 [7.13] 0.50 [2365.00]	-0.22 [4.03] 0.83 [2364.00]	1.40 [4.11] 0.16 [2365.00]		-0.68 [7.13] 0.50 [2365.00]	1.61 [3.97] 0.11 [2364.00]
BaceContReesWhiteAmericanV. ProductMorMorallyOnestionable V. BacemannefIndian	-2.55[-10.20.5.10]		-15.39[-28.51,-2.26]*	-0.13[-7.56.7.31]	0.70[-6.88.8.28]		-15.39[-28.512.26]*	3.25[-4.08.10.58]
	-0.65 [3.90]		-2.30 [6.69]	-0.03 [3.79]	0.18 [3.86]		-2.30 [6.69]	0.87 [3.74]
Morally-Wrong	0.51 [2365.00]	0.19[0.17,0.21]***	0.02 [2365.00]	0.97 [2364.00] 0.17[0.15,0.20]***	0.86 [2365.00]	0.19(0.17.0.21)***	0.02 [2365.00]	0.38 [2364.00] 0.18[0.16,0.21]***
		16.90 [0.01]		14.17 [0.01]		17.40 [0.01]		15.27 [0.01]
SD (Intercent ID)	19.33	0.00 [2392.00] 17.68	19.77	0.00 [2364.00]	20.32	0.00 [2392.00] 18.47	19.77	0.00 [2364.00]
SD (Observations)	11.52	11.27	20.46	11.21	11.38	11.04	20.46	11.02
Num.Obs.	2396	2396	236	2296	2396	2396	2396	2396
B2 Marg.	0.020	0.068	0.096	0.072	0.019	0.067	0.096	0.075
R2 Cond. AIC	0.743 19984.1	0.731 19847.8	0.532 22.137.0	0.736 19 NOZ.7	0.766	0.754	0.532 22.137.0	0.758 19784.3
BIC	20 163.3	19870.9	22316.2	19987.7	20174.1	19840.8	22316.2	19 909.3
TOC .	0.7	0.7	0.5	0.7	0.8	0.7	0.5	9.7
BMSE	10.04							

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

(Intercept)	CC C path 0.92[-2.37,4.21]	CC B path 2.50[1.97,3.04]***	CC A path -6.44[-11.29,-1.59]**	CC C' path 0.78[-2.52,4.07]	TC C path 3.00[-0.43,6.43]+	TC B path 3.16[2.55,3.78]***	TC A path -6.44[-11.29,-1.59]**	TC C' poth 2.91[-0.53,6.34]+
RaceContRespNonAmWhite	0.55 [1.68] 0.58 [4737.00] 0.32[-2.95.3.90]	2.50[1.97,3.04]*** 9.15 [0.27] 0.00 [4788.00]	-2.60 [2.47] 0.01 [4737.00] -1.20[-5.94.3.54]	0.46 [1.68] 0.64 [4736.00] 0.29[-2.98.3.57]	1.71 [1.75] 0.09 [4737.00] 2.10[-1.35.5.55]	3.16[2.55,3.78]*** 10.08 [0.31] 0.00 [4788.00]	-2.60 [2.47] 0.01 [4737.00] -1.20(-5.94.3.54]	2.91[-0.53,6.34]+ 1.66 [1.75] 0.10 [4736.00] 2.08[-1.37.5.53]
RaceContRespWhiteAmerican	0.19 [1.67] 0.85 [4737.00]		-0.50 [2.42] 0.62 [4737.00]	0.18 [1.67] 0.86 [4736.00]	1.19 [1.76] 0.23 [4737.00]		-0.50 [2.42] 0.62 [4737.00]	2.08[-1.37,5.53] 1.18 [1.76] 0.24 [4736.00]
naceteninespwinteranseron	-2.32[-3.42,0.17] -1.47 [1.58] 0.14 [4737.00]		-0.03 [2.28] -0.03 [2.28] 0.97 [4737.00]	-2.35[-5.42,0.77] -1.47 [1.58] 0.14 [4736.00]	0.33 [1.66] 0.74 [4737.00]		-0.03 [2:28] -0.03 [4737.00]	0.33 [1.66] 0.74 [4736.00]
V.,Productelgarettes	-0.01[-3.05,3.03] 0.00 [1.55]		0.60[-3.93,5.13] 0.26 [2.31]	0.00[-3.04,3.04]	0.85[-2.29,4.00] 0.53 [1.60]		0.60[-3.93,5.13] 0.26 [2.31]	0.86[-2.29,4.00] 0.54 [1.60]
V.Producthardwaresupplies	-0.90[-4.00,2.19] -0.57 [1.58]		0.56[-4.05,5.18] 0.24 [2.35]	-0.87[-3.97,2.22] -0.55 [1.58]	1.86[-1.34,5.06] 1.14 [1.63]		0.56[-4.05,5.18] 0.24 [2.35]	1.89[-1.31,5.08] 1.16 [1.63]
V.Producttolletpaper	0.57 [4737.00] 0.52[-2.50,3.54] 0.34 [1.54]		0.81 [4737.00] 1.18[-3.32,5.67] 0.51 [2.29]	0.58 [4736.00] 0.54[-2.48,3.55] 0.35 [1.54]	0.25 [4737.00] 1.74[-1.38,4.86] 1.09 [1.59]		0.81 [4737.00] 1.18[-3.32,5.67] 0.51 [2.29]	0.25 [4736.00] 1.75[-1.37,4.87] 1.10 [1.59]
V_Racename@lack	0.73 [4737.00] -1.47[-4.50,1.55]		0.61 [4737.00] -1.63[-6.14,2.88]	0.73 [4736.00] -1.50[-4.53,1.52]	0.27 [4737.00] 0.86[-2.27,3.99]		0.61 [4737.00] -1.63[-6.14,2.88]	0.27 [4736.00] 0.84[-2.28,3.97]
V_Racename@hinese	-0.95 [1.54] 0.34 [4737.00] -1.91[-4.89,1.08]		0.48 [4737.00] -1.29[-5.73,3.15]	0.33 [4736.00] -1.94[-4.92,1.05]	0.59 [4737.00] -0.24[-3.33,2.85]		-0.71 [2:30] 0.48 [4737.00] -1.29[-5.73,3.15]	0.53 [1.90] 0.60 [4736.00] -0.26[-3.35,2.83]
V.Raceaggefinding	-1.25 [1.52] 0.21 [4737.00] -0.67[-3.84.2.49]		-0.57 [2.27] 0.57 [4737.00] -2.68[-7.40.2.04]	-1.27 [1.52] 0.20 [4736.00] -0.74[-3.90.2.43]	-0.15 [1.57] 0.88 [4737.00] -0.95[-4.23.2.32]		-0.57 [2:27] 0.57 [4737.00] -2.68[-7.40.2.04]	-0.16 [1.57] 0.87 [4736.00] -0.99[-4.27.2.28]
VAre	-0.42 [1.62] 0.68 [4737.00] 0.0600.01.0.12[*		-1.11 [2.41] 0.27 [4737.00] 0.08[_0.01.0.16]_	-0.46 [1.62] 0.65 [4736.00] 0.050.01 0.15**	-0.57 [1.67] 0.57 [4737.00] 0.02[-0.04.0.07]		-1.11 [2.41] 0.27 [4737.00] 0.06[-0.01.0.16]-	-0.59 [1.67] 0.55 [4736.00] 0.07[-0.04.0.07]
V.Locationinthecity	2.15 [0.03] 0.03 [4737.00]		1.78 [0.04] 0.07 [4737.00]	2.21 [0.03] 0.03 [4736.00]	0.53 [0.03] 0.60 [4737.00]		1.78 [0.04] 0.07 [4737.00]	0.57 [0.03] 0.57 [4736.00]
	-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.Locationneurby	0.09[-0.67,0.84] 0.22 [0.38]		0.77[-0.35,1.89] 1.34 [0.57]	0.10[-0.65,0.86] 0.27 [0.38]	-0.10[-0.88,0.67] -0.26 [0.40]		0.77[-0.35,1.89] 1.34 [0.57]	-0.09[-0.87,0.68] -0.23 [0.40]
V-StoorTypedepartmentstore	0.07[-0.67,0.81] 0.19 [0.38]		0.77[-0.33,1.88] 1.37 [0.57]	0.09[-0.05,0.83] 0.23 [0.38]	-0.56[-1.33,0.20] -1.44 [0.39]		0.77[-0.33,1.88] 1.37 [0.57]	-0.55[-1.32,0.21] -1.42 [0.39]
$V_sStooeTypesupermarket$	0.85 [4737.00] 0.10[-0.64,0.85] 0.27 [0.38]		0.17 [4737.00] 0.73[-0.38,1.84] 1.30 [0.57]	0.82 [4736.00] 0.12[-0.62,0.86] 0.32 [0.38]	0.15 [4737.00] -0.21[-0.97,0.56] -0.53 [0.29]		0.17 [4737.00] 0.73[-0.38,1.84] 1.30 [0.57]	0.16 [4736.00] -0.20[-0.96,0.57] -0.50 [0.39]
$Race ContRespNonAmWhite V_Product cigar ettes$	0.79 [4737.00] 1.04[-3.37,5.45]		0.19 [4737.00] 0.28[-6.29,6.84]	0.75 [4736.00] 1.05[-3.35,5.46]	0.60 [4737.00] -3.20[-7.75,1.36]		0.19 [4737.00] 0.28[-6.29,6.84]	0.62 [4736.00] -3.19[-7.74,1.37]
RaceContRespWhiteAmericanV_Productcigurettes	0.46 [2.25] 0.64 [4737.00] 3.17[-0.97,7.32]		0.08 [3.35] 0.93 [4737.00] -2.25[-8.43,3.92]	0.47 [2:25] 0.64 [4736.00] 3.12[-1.02,7:27]	-1.38 [2.32] 0.17 [4737.00] 0.73[-3.56,5.01]		0.08 [3.35] 0.93 [4737.00] -2.25[-8.43,3.92]	-1.37 [2.32] 0.17 [4736.00] 0.70[-3.59,4.98]
RaceContRespNonAmWhiteV_Producthardwaresupplies	1.50 [2.11] 0.13 [4737.00]		-0.72 [3.15] 0.47 [4737.00]	1.48 [2.11] 0.14 [4736.00]	0.33 [2.19] 0.74 [4737.00]		-0.72 [3.15] 0.47 [4737.00]	0.32 [2.19] 0.75 [4736.00]
RaceConfficeNhiteAmericanV.Producthardracesupples	-0.23 [2.23] 0.82 [4737.00]		0.35 [3.33] 0.73 [4737.00]	-0.23 [2.23] 0.82 [4736.00]	-2.07 [2.31] 0.04 [4737.00]		0.35 [3.33] 0.73 [4737.00]	-2.06 [2.31] 0.04 [4736.00]
	2.14[-2.01,6.28] 1.01 [2.11] 0.31 [4737.00]			1271-1282-007 12	-2.21[-6.49,2.08] -1.01 [2.18] 0.31 [4737.00]			10 (270 m)
$Race ContRespNonAnaWhite V_Product to il et paper$	-3.92[-8.29,0.44]+ -1.76 [2.23] 0.08 [4777 00]		0.85[-5.65,7.36] 0.26 [3.32] 0.80 [4777.00]	-3.89[-8.26,0.48]+ -1.75 [2.23] 0.08 [4750.000	-5.57[-10.09,-1.06]* -2.42 [2.30] 0.02 [4777.00]		0.85[-5.65,7.36] 0.26 [3.32] 0.80 [4777.00]	-5.55[-10.07,-1.03]* -2.41 [2.30] 0.02 [4790.000
$Race ContResp White American V_Product to flet paper$	1.03[-3.04,5.09] 0.49 [2.07]		-3.73[-9.79,2.33] -1.21 [3.09]	0.96[-3.11,5.03] 0.46 [2.07]	-3.34[-7.54,0.87] -1.55 [2.14]		-3.73[-9.79,2.33] -1.21 [3.09]	-3.38[-7.58,0.83] -1.57 [2.14]
$Race CoutRespNonAmWhite V_Race unmefBlack$	0.62 [4737.00] 3.16[-1.18,7.50] 1.43 [2.21]		0.23 [4737.00] 4.28[-2.19,10.75] 1.30 [3.30]	0.64 [4736.00] 3.26[-1.08,7.60] 1.47 [2.21]	0.12 [4737.00] -2.59[-7.08,1.89] -1.13 [2.29]		0.23 [4737.00] 4.28[-2.19,10.75] 1.30 [3.30]	0.12 [4736.00] -2.53[-7.01,1.96] -1.10 [2.29]
$Race ContReep White American V_Race mannef Effack$	0.15 [4737.00] 2.90[-1.19,6.99]		0.19 [4737.00] 2.25[-3.85,8.35]	0.14 [4736.00] 2.95[-1.14,7.04]	0.26 [4737.00] -2.12[-6.35,2.11]		0.19 [4737.00] 2.25[-3.85,8.35]	0.27 [4736.00] -2.09[-6.32,2.14]
RaceContRespNonAmWhiteV_RacemansefChinese	1.39 [2.09] 0.16 [4737.00] 1.30[-3.20,5.79]		0.72 [3.11] 0.47 [4737.00] 2.95[-3.74,9.64]	1.41 [2.09] 0.16 [4736.00] 1.36[-3.13,5.85]	-0.98 [2.16] 0.33 [4737.00] -1.88[-6.53,2.77]		0.72 [3.11] 0.47 [4737.00] 2.95[-3.74,9.64]	-0.97 [2.16] 0.33 [4736.00] -1.84[-6.48,2.81]
RaceContRespWhiteAmericanV-RacenamefChinese	0.57 [2.29] 0.57 [4737.00]		0.86 [3.41] 0.39 [4737.00]	0.59 [2.29] 0.55 [4736.00]	-0.79 [2.37] 0.43 [4737.00]		0.86 [3.41] 0.39 [4737.00]	-0.78 [2:37] 0.44 [4736.00]
RaceContRespNestAmWhiteV. Reconstratification	1.24 [2.07] 0.21 [4737.00]		0.74 [3.08] 0.46 [4737.00]	1.26 [2.06] 0.21 [4736.00]	-0.48 [2.14] -0.63 [4737.00]		0.74 [3.08] 0.46 [4737.00]	-0.46 [2.14] -0.46 [4736.00]
	-0.82[-5.20,3.56] -0.37 [2.23] 0.71 [4737.00]		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]		0.78 [3.33] 0.43 [4737.00]	-2.99[-7.52,1.54] -1.29 [2.31] 0.20 [4736.00]
$Race ContResp White American V_* Race name findian$	1.61[-2.63,5.84] 0.74 [2.16]		2.79[-3.52,9.10] 0.87 [3.22]	1.68[-2.55,5.91] 0.78 [2.16]	-1.34[-5.72,3.04] -0.60 [2.23]		2.79[-3.52,9.10] 0.87 [3.22]	-1.29(-5.67,3.08) -0.58 [2.23]
V. Product ciga evites V. Racename f Elack	2.66[-1.65,6.96] 1.21 [2.20]		-3.06[-9.44,3.32] -0.94 [3.25]	2.59[-1.72,6.89] 1.18 [2.20]	-1.43[-5.89,3.63] -0.63 [2.28]		-3.06[-9.44,3.32] -0.94 [3.25]	-1.47[-5.94,2.99] -0.65 [2.28]
V.Producthardware enpplies V.Racename fBlack	0.23 [4737.00] 0.96[-3.53,5.46] 0.42 [2.29]		0.35 [4737.00] 1.96[-4.66,8.59] 0.58 [3.38]	0.24 [4736.00] 0.98[-3.51,5.47] 0.43 [2.29]	0.53 [4737.00] -1.75[-6.41,2.91] -0.74 [2.38]		0.35 [4737.00] 1.96[-4.66,8.59] 0.58 [3.38]	0.52 [4736.00] -1.75[-6.41,2.92] -0.73 [2.38]
V.Product to det paper V.Race name fBlack	0.67 [4737.00] 0.28[-4.09,4.66]		0.56 [4737.00] -0.52[-7.00,5.95]	0.67 [4736.00] 0.27[-4.10,4.65]	0.46 [4737.00] -1.31[-5.84,3.22]		0.56 [4737.00] -0.52[-7.00,5.95]	0.46 [4736.00] -1.32[-5.85,3.21]
V.ProductelgarettesV.RucenamefChinese	0.13 [2.23] 0.90 [4737.00] -1.36[-5.82,3.10]		-0.19 [3.30] 0.87 [4737.00] -3.07[-9.64,3.51]	0.12 [2.23] 0.90 [4736.00] -1.44[-5.90,3.02]	-0.57 [2.51] 0.57 [4737.00] -1.48[-6.11,3.14]		-0.05 [3.30] 0.87 [4737.00] -3.07[-9.64,3.51]	0.52 [436.00] -0.73 [238] 0.46 [4736.03] -1.32 [-5.85,3.21] -0.57 [231] 0.57 [4736.03] -0.55 [236] 0.52 [4736.00]
V.ProducthardwaresumliesV.BaccaanefChinese	-0.60 [2.27] 0.55 [4737.00] 1.06[-3.30.5.42]		-0.91 [3.35] 0.36 [4737.00] 1.28[-5.16.7.73]	-0.63 [2.27] 0.53 [4736.00] 1.07[-3.29.543]	-0.63 [2:36] 0.53 [4737.00] -1.42[-5.94.3.00]		-0.91 [3:35] 0:36 [4737:00] 1:28[-5:16:7.73]	-0.65 [2.36] 0.52 [4736.00] -1.42[-5.93,3.10] -0.61 [2.30]
V.ProducttellstpaperV.RscenamefChinese	0.48 [2.22] 0.63 [4737.00]		0.39 [3.29] 0.70 [4737.00]	0.48 [2.22] 0.63 [4736.00]	-0.62 [2.30] 0.54 [4737.00]		0.39 [3.29] 0.70 [4737.00]	-1.42[5.933,3.89] -0.61 [236] 0.54 [4736.00] -4.53[-9.94, -0.02]* -1.97 [2.36] 0.05 [4736.00] 0.28[-4.34,4.91] 0.12 [2.36] 0.99 [4736.00] -1.02[-5.60,5.37] -0.44 [2.34] 0.86 [4736.00]
V.ProductionorttoV.Raccuamefindian	-0.77 [2.22] 0.44 [4737.00]		-0.50 [3.27] 0.61 [4737.00]	-0.78 [2.22] 0.44 [4736.00]	-1.97 [2.30] 0.05 [4737.00]		-0.50 [3.27] 0.61 [4737.00]	-1.97 [2.30] 0.05 [4736.00]
V_ProducteignettesV_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. Producthardware supplies V. It accurant effection	1.67[-2.76,6.10] 0.74 [2.26]		2.84[-3.74,9.41] 0.85 [3.35]	1.70[-2.72,6.13] 0.75 [2.26]	-1.04[-5.62,3.55] -0.44 [2.34]		2.84[-3.74,9.41] 0.85 [3.35]	-1.02[-5.60,3.57] -0.44 [2.34]
V. ProducttoiletpoperV. Racenamefindian	-0.46 [4737.00] -2.22[-6.70,2.26] -0.97 [2.28]		0.40 [4737.00] 1.05[-5.55,7.66] 0.31 [3.37]	0.45 [4736.00] -2.17[-6.65,2.30] -0.95 [2.28]	-0.25[-4.89,4.39] -0.10 [2.37]		0.40 [4737.00] 1.05[-5.55,7.66] 0.31 [3.37]	0.66 [4736.00] -0.22[-4.86,4.42] -0.09 [2.37]
$Race ContRespNonAmWhite V_{a} Product cigarettes V_{a} Racens mefBlack\\$	0.33 [4737.00] -6.23[-12.57,0.10]+		0.75 [4737.00] -0.38[-9.75,8.99]	0.34 [4736.00] -6.26[-12.59,0.08]+	0.92 [4737.00] 3.35[-3.22,9.91]		0.75 [4737.00] -0.38[-9.75,8.99]	0.93 [4736.00] 3.33[-3.23,9.89]
Race ContReep White American V. Product cigar et to V. Racename fBlack	0.05 [4737.00] -6.90[-12.82,-0.98]*		0.94 [4737.00] 1.47[-7.30,10.24]	0.05 [4736.00] -6.86[-12.79,-0.94]*	0.32 [4737.00] 0.95[-5.18,7.09]		0.94 [4737.00] 1.47[-7.30,10.24]	0.32 [4736.00] 0.98[-5.15,7.12]
RaceContReenNonAmWhiteV.ProducthardwaresumblesV.RacenamefBlack	-2.28 [3.02] 0.02 [4737.00] -2.84[-9.21.3.53]		0.33 [4.47] 0.74 [4737.00] -2.79[-12.19.6.60]	-2.27 [3.02] 0.02 [4736.00] -2.90[-9.27,3.48]	0.30 [3.13] 0.76 [4737.00] 4.12[-2.49.10.72]		0.33 [4.47] 0.74 [4737.00] -2.79[-12.19.6.60]	0.31 [3.13] 0.75 [4736.00] 4.08[-2.53.10.68]
RaceContRespWhiteAmericanV,ProducthardwareenppliesV,RacenamefBlack	-0.87 [3.25] 0.38 [4737.00]		-0.58 [4.79] 0.56 [4737.00]	-0.89 [3.25] 0.37 [4736.00]	1.22 [3.37] 0.22 [4737.00]		-0.58 [4.79] 0.56 [4737.00]	1.21 [3.37] 0.23 [4736.00]
	-0.67 [3.08] 0.50 [4737.00]		-0.85 [4.54] 0.40 [4737.00]	-0.70 [3.08] 0.49 [4736.00]	0.58 [3.19] 0.56 [4737.00]		-0.85 [4.54] 0.40 [4737.00]	0.57 [3.19] 0.57 [4736.00]
$Race ContReep Non Am White V_* Product to ilet paper V_* Race name f Black$	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]
$Race CoutResp White American V_Product to ill et paper V_Race name f Black$	-2.07[-7.99,3.85] -0.69 [3.02]		2:24[-6:52,10:99] 0:50 [4:47]	-2.03[-7.95,3.89] -0.67 [3.02]	2.63[-3.51,8.76] 0.84 [3.13]		2.24[-6.52,10.99] 0.50 [4.47]	2.66[-3.48,8.79] 0.85 [3.13]
Race ContRespNonAnaWhite V.Product cigar ettes V.Racename f Chinese	-0.49 [4737.00] -0.29[-6.75,6.18] -0.09 [3.30]		0.62 [4737.00] 1.92[-7.63,11.47] 0.39 [4.87]	0.90 [4/36.00] -0.24[-6.09,6.22] -0.07 [3.29]	0.40 [4737.00] 3.73[-2.96,10.43] 1.09 [3.42]		0.92 [4737.00] 1.92[-7.63,11.47] 0.39 [4.87]	0.49 [4/36.00] 3.76[-2.93,10.46] 1.10 [3.42]
$Race ContResp White American V_Product cigar et tes V_Race name f Chinese$	0.93 [4737.00] -0.44[-6.43,5.55] -0.14 [3.06]		0.69 [4737.00] 3.43[-5.41,12.27] 0.76 [4.51]	0.94 [4736.00] -0.35[-6.34,5.64] -0.11 [1.05]	0.27 [4737.00] 0.15[-6.06,6.36] 0.05 [3.17]		0.69 [4737.00] 3.43[-5.41,12.27] 0.76 [4.51]	0.27 [4736.00] 0.21[-6.00,6.42] 0.07 [3.17]
$Race ContRespNon Ann White V_Producth and ware supplies V_Race name f Chinese$	0.89 [4737.00] -1.82[-8.27,4.63]		0.45 [4737.00] -3.22[-12.76,6.32]	0.91 [4736.00] -1.87[-8.31,4.58]	0.96 [4737.00] 3.30[-3.38,9.98]		0.45 [4737.00] -3.22[-12.76,6.32]	0.95 [4736.00] 3.27[-3.41,9.95]
Race ContResp White American V. Producth and ware supplies V. Racename f Chinese	-0.50 [3.29] 0.58 [4737.00] -1.02[-6.99,4.96]		-0.88 [4.87] 0.51 [4737.00] -0.88[-9.71,7.95]	-0.57 [4736.00] -1.02[-6.99,4.95]	0.33 [4737.00] 0.37[-5.81,6.56]		-0.86 [4737.00] -0.88[-9.71,7.95]	0.34 [4736.00] 0.37[-5.81,6.56]
RaceContReenNonAmWhiteV.ProducttoiletnmerV.RacenamefChinese	-0.33 [3.05] 0.74 [4737.00] 4.94[-1,50 11 37		-0.20 [4.50] 0.85 [4737.00] -1.85[-11.33.7.64]	-0.33 [3.04] 0.74 [4736.00] 4.87[-1.56 11 31	0.12 [3.16] 0.91 [4737.00] 8.26[1.59 1.4 94]*		-0.20 [4.50] 0.85 [4737.00] -1.85[-11.33.7.63]	0.12 [3.16] 0.91 [4736.00] 8.22[1.54.14.89]*
RaceContReepWhiteAmericanV_ProductionetpaperV_RacenametChinese	1.50 [3.28] 0.13 [4737.00]		-0.38 [4.84] 0.70 [4737.00]	1.48 [3.28] 0.14 [4736.00]	2.43 [3.46] 0.02 [4737.00]		-0.38 [4.84] 0.70 [4737.00]	2.41 [3.40] 0.02 [4736.00]
	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]
$Race ContRespNonAmWhite V_Product cigar ettes V_Racename fIndian$	-2.75[-9.18,3.68] -0.84 [3.28] 0.40 [4777.00]		-1.73[-11.22,7.75] -0.36 [4.84] 0.72 [4727.00]	-2.81[-9.24,3.62] -0.86 [3.28] 0.39 [4790 000	2.29[-4.38,8.95] 0.67 [3.46] 0.50 [4777.00]		-1.73[-11.22,7.75] -0.36 [4.84] 0.73 [4777.00]	2.25[-4.42,8.91] 0.66 [3.40]
Race ContResp White American V. Product cigarettes V. Racename findian	-2.34[-8.42,3.74] -0.76 [3.10]		1.00[-7.98,9.98] 0.22 [4.58]	-2.34[-8.42,3.74] -0.75 [3.10]	-0.17[-6.47,6.13] -0.05 [3.21]		1.00[-7.98,9.98] 0.22 [4.58]	-0.18[-6.47,6.12] -0.05 [3.21]
$Race ContRespNon AmWhite V_Product hardware supplies V_Race name fludian$	0.45 [4737.00] 1.42[-4.94,7.77] 0.44 [3.24]		0.83 [4737.00] 0.20[-9.21,9.61] 0.04 [4.80]	0.45 [4736.00] 1.46[-4.89,7.81] 0.45 [3.24]	0.96 [4737.00] 4.72[-1.86,11.30] 1.41 [3.36]		0.83 [4737.00] 0.20[-9.21,9.61] 0.04 [4.80]	0.96 [4736.00] 4.76[-1.82,11.34] 1.42 [3.36]
$Race ContResp White American V_Producth ard warm emplies V_Race name fludian$	0.66 [4737.00] -2.14[-8.10,3.82]		0.97 [4737.00] -3.96[-12.79,4.87]	0.65 [4736.00] -2.22[-8.17,3.74]	0.16 [4737.00] 3.81[-2.36,9.98]		0.97 [4737.00] -3.96[-12.79,4.87]	0.16 [4736.00] 3.76[-2.41,9.93]
RaceContReepNonAmWhiteV_ProducttoiletpaperV_Racenamefindisn	-0.70 [3.04] 0.48 [4737.00] 4.60[-1.77,10.96]		-0.88 [4.50] 0.38 [4737.00] -1.45[-10.85,7.94]	-0.73 [3.04] 0.47 [4736.00] 4.54[-1.82,10.91]	1.21 [3.15] 0.23 [4737.00] 6.54[-0.06.13.14]+		-0.88 [4.50] 0.38 [4737.00] -1.45[-10.85,7.94]	1.19 [3.15] 0.23 [4736.00] 6.51[-0.09,13.11]+
RaceContRenWhiteAmerican V.ProducttoiletranerV.Racenomefindian	1.42 [3.25] 0.16 [4737.00] 1.20[-4.84.7.25]		0.00 (1973) 0.00 (1.40 [3.25] 0.16 [4736.00] 1.21[_4.83.7.25]	1.94 [3.37] 0.05 [4737.00] 3.61[-2.65.9.99]		-124 - 124.23 124.24 124.2	1.93 [3.37] 0.05 [4736.00] 3.67[-2.65.9 82]
	500[-237.42] 500[-		1.90[-7.03,10.83] 0.42 [4.55] 0.68 [4737.00]	0.39 [3.08] 0.69 [4736.00]	1001-01 1001		1.90[-7.03,10.83] 0.42 [4.55] 0.68 [4737.00]	1.13 [3.20] 0.26 [4736.00]
MWOther_Self		-0.02[-0.04,0.00]* -2.06 [0.01] 0.04 [4788.00] 5.75 9.53		000 173.000 100.000		-0.01[-0.03,0.01] -1.44 [0.01] 0.15 [4788.00]		60 (17 mile) 60 (1
SD (Intercept ID) SD (Observations)	5.76 9.52	5.75 9.53	5.75 14.67	5.78 9.52	6.86 9.75	-1.44 [0.01] 0.15 [4788.00] 6.83 9.75	5.75 14.67	9.75
Num Obs. BY Marg. BY Card. AGC BBC BBC BBC BBC	4792 0.011 0.276	4792 0.001 0.267 36 019.5 36 065.4 0.3 9.08	4792 0.012 0.144	4792 0.012 0.278 35990.7 36353.3	4792 0.009 0.337	4792 0.000 0.329	4792 0.012 0.144 39748.0 49104.1 0.1 14.08	4792 0.009 0.337
AIC BIC	35986.4 36342.5	36 039.5 36 065.4	39748.0 40104.1 0.1 14.08	35990.7 36353.3	26.346.4 36.702.5 0.3 9.20	36 421.9	39748.0 40104.1	36716.4
ICC RMSE p.value, [df.error]	0.3 9.02	9.08	14.08	0.3 9.01	9.20	9.25	14.08	9.20

p.volue, [df.error] t, [std.error] Estimate [95Confintervol]

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

	10010		1,10 a	or 11 2 0	-			
(Intercept)	CC C path	CC B path	CC A path	CC C' path	TC C path	TC B path	TC A path	TC C' path
(insercept) RaceContRespNonAmWhite	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]
	0.59 [1.65] 0.15 [4741.00] 0.31[-2.96.3.58] 0.19 [1.67] 0.85 [4741.00] -2.32[-5.42.0.77] -1.47 [1.58] 0.14 [4741.00] 0.00[-3.04.3.04] 0.00 [1.55] 1.00 [4741.00] -0.80[-3.98.2.20]		0.02 [4741.08] -1.17[-5.90,3.56] -0.49 [2.41] 0.03 [4741.08] -0.09[-4.56,4.39] -0.04 [2.28] 0.97 [4741.08] 0.27 [2.31] 0.79 [4741.08] 0.86[-3.96,3.27]	0.61 [4740.00] 0.28[-2.99,3.56] 0.17 [1.67] 0.86 [4740.00] -2.33[-5.420.77] -1.48 [1.58] 0.14 [4740.00] 0.01 [-3.02.3.05] 0.01 [1.55]	0.13 [4741.00] 2.02] -1.43,5.46] 1.15 [1.76] 0.25 [4741.00] 0.56] -2.70,3.82] 0.34 [1.96] 0.74 [4741.00] 0.88] -2.27,4.02] 0.55 [1.90] 0.58 [4741.00]		-1.17[-5.90,3.56] -0.49 [2.41] 0.63 [4741.00]	0.14 [4740.00] 2.00[-1.45,5.44] 1.14 [1.76] 0.26 [4740.00] 0.36[-2.70,3.82] 0.34 [1.66] 0.74 [4740.00] 0.88[-2.26,4.03] 0.75 [1.00]
RaceContRespWhiteAmerican	-2.32[-5.42,0.77] -1.47 [1.58] 0.14 [4741.00]		-0.09[-4.56,4.29] -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]		0.63 [4741.00] -0.09[-4.56, 4.30] -0.04 [2.28] 0.97 [4741.00] 0.62[-3.91,5.15] 0.27 [2.31] 0.79 [4741.00]	0.56[-2.70,3.82] 0.34 [1.66] 0.74 [4740.00]
V.Producteigarettes	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] 0.50[-2.51,3.52] 0.33 [1.54] 0.74 [4741.00] -1.09[-4.51.1.54]		0.79 [4741.00] 0.96[-3.96,5.27] 0.28 [2.35] 0.78 [4741.00] 1.08[-3.41,5.57] 0.47 [2.29] 0.64 [4741.00] -1.70[-6.20,2.81] -0.74 [2.20]	0.59 [4740.00] -0.86[-3.95.2.23] -0.54 [1.58] 0.59 [4740.00] 0.52[-2.50.2.53] 0.34 [1.54] 0.74 [4740.00] -1.52[-4.54,1.56] -0.98 [1.54] 0.33 [4740.00] -1.94[-4.92.1.04]	1.86[-1.33,5.06] 1.14 [1.63] 0.25 [4741.00]		0.96[-3.96,5.27] 0.28 [2.35] 0.78 [4741.00] 1.08[-3.41,5.57] 0.47 [2.29] 0.64 [4741.00] -1.70[-6.70.2.81]	0.58 [4740.09] 1.89[-1.31,5.09] 1.16 [1.63] 0.25 [4740.09] 1.77[-1.33,4.89] 1.11 [1.59] 0.27 [4740.09] 0.81[-2.31,3.94] 0.51 [1.59]
V.Producttoiletpaper	0.50(-2.51,3.52) 0.33 [1.54]		1.08[-3.41,5.57] 0.47 [2.29]	0.52[-2.50,3.53] 0.34 [1.54]	1.76[-1.35,4.88] 1.11 [1.59]		1.08[-3.41,5.57] 0.47 [2.29]	1.77[-1.35,4.89] 1.11 [1.59]
V.RacenamefBlack	-1.49[-4.51,1.54] -0.96 [1.54]		-1.70[-6.20,2.81] -0.74 [2.30]	-1.52[-4.54,1.50] -0.98 [1.54]	0.83[-2.29,3.96] 0.52 [1.59]			0.81[-2.31,3.94] 0.51 [1.59]
V.RacenamefChinese	0.74 [4741.00] -1.49[-4.51,1.54] -0.06 [1.54] 0.34 [4741.00] -1.91[-4.90,1.07] -1.26 [1.52] 0.21 [4741.00] -0.68[-3.85,2.48] -0.42 [1.61] 0.67 [4741.00] 0.065 u. 0.105*		-0.74 [2.30] 0.46 [4741.00] -1.33[-5.77,3.10] -0.39 [2.26] 0.56 [4741.00] -2.70[-7.42,2.02] -1.12 [2.41]	0.33 [4740.00] -1.94[-4.92,1.04] -1.28 [1.52]	0.28 [474.10] 1.86[-1.35,0.6] 1.14 [1.63] 0.22 [474.10] 1.76[-1.35,4.88] 1.11 [1.59] 0.27 [474.00] 0.86[-2.25,5.96] 0.02 [474.10] 0.00 [474.10] 0.00 [474.10] 0.00 [474.10] 0.08 [474.00] 0.08 [474.00] 0.08 [474.00] 0.07 [474.00] 0.07 [474.00]		-0.74 [2.30] 0.46 [4741.00] -1.33[-5.77,3.10] -0.59 [2.26] 0.56 [4741.00] -2.70[-7.42.2.02] -1.12 [2.41] 0.26 [4741.00] 0.08[-0.01.0.16]	0.51 [1.59] 0.61 [4740.00] -0.26[-3.34,2.83] -0.16 [1.57] 0.87 [4740.00] -1.00[-4.27,2.27] -0.60 [1.67]
V.Racenamefindian	0.21 [4741.00] -0.68[-3.85,2.48] -0.42 [1.61]		0.56 [4741.00] -2.70[-7.42,2.02] -1.12 [2.41]	0.33 [4740.00] -1.94 [-4.92,1.04] -1.28 [1.52] 0.20 [4740.00] -0.74 [-3.90,2.42] -0.46 [4740.00]	0.88 [4741.00] -0.96[-4.22,2.31] -0.57 [1.67]		0.56 [4741.00] -2.70[-7.42,2.02] -1.12 [2.41]	0.87 [4740.00] -1.00[-4.27,2.27] -0.60 [1.67]
V-Age	0.67 [4741.00] 0.06[0.01,0.12]* 2.17 [0.03]		0.26 [4741.00] 0.08[-0.01,0.16]+ 1.82 [0.04]	0.64 [4740.00] 0.06[0.01,0.12]* 2.23 [0.00]	0.57 [4741.00] 0.02[-0.04,0.07] 0.56 [0.07]		0.26 [4741.00] 0.08[-0.01,0.16]+ 1.82 [0.04]	
$Race ContRespNon AmWhite V_Product cigarettes$	0.03 [4741.00] 1.03[-3.38,5.43]		0.07 [4741.00] 0.18[-6.39,6.74]	0.03 [4740.00] 1.04[-3.36,5.44]	0.58 [4741.00] -3.20[-7.75,1.35]		0.07 [4741.00] 0.18[-6.39,6.74]	0.02[-0.04,0.08] 0.02[-0.04,0.08] 0.02 [0.03] 0.55 [4740.00] -3.19[-7.74,1.36] -1.37 [2.32] 0.17 [4740.00] 0.70[-3.79.4.98]
Race ContResp White American V. Product cigarettes	0.000 0.00 0.00 0.00 0.00 0.00 0.00 0.		0.26 [4741.08] 0.08[-0.01,0.16]+ 1.82 [0.04] 0.07 [4741.08] 0.18[-6.29,6.74] 0.05 [4741.08] -2.25[-8.53.8.82] -0.75 [8.15] 0.45 [4741.08] 0.45 [4741.08] 0.56 [4741.08] 0.70 [4741.08] 0.70 [4741.08] 0.70 [4741.08] 0.70 [4741.08]	0.06[0.01] 0.06[0.01] 2.23 [0.05] 0.05 [7700.00] 1.04[-3.36,5.44] 0.46 [2.24] 0.64 [7700.00] 3.11[-1.03,7.24] 1.47 [2.11] 0.14 [7700.00] -1.03 -1.03 -1.04	0.57 [4741.00] 0.02[-0.04,0.07] 0.56 [0.03] 0.58 [4741.00] -3.20[-7.75,1.35] -1.38 [2.32] 0.17 [4741.00] 0.73[-3.35,5.01] 0.33 [2.18] 0.74 [4741.00] 4.05(-9.10,0.14)		0.26 [4741.00] 0.08[-0.010.16]+ 1.82 [0.04] 0.07 [4741.00] 0.18[-0.30,6.74] 0.05 [1.35] 0.36 [4741.00] -2.37[-8.53.3.82] -0.75 [3.15] 0.45 [4741.00] 1.00[-5.33,7.52] 0.30 [3.13] 0.76 [4741.00] 1.09[-0.7,77] 0.50 [3.15] 0.45 [4741.00]	0.17 [4740.00] 0.70[-3.59,4.98]
RaceContRespNonAmWhiteV_Producthordwaresupplies	0.13 [4741.00] -0.54[-4.91,3.84]		-0.75 [3.15] 0.45 [4741.00] 1.00[-5.53,7.52]	0.14 [4740.00] -0.53[-4.90,3.84]	0.33 [2.18] 0.74 [4741.00] -4.66[-9.19,-0.14]*		-0.75 [3.15] 0.45 [4741.00] 1.00[-5.53,7.52]	0.70[-3.594.98] 0.32 [2.18] 0.75 [4740.00] -4.86[-9.18,-0.14]* -2.02 [2.31] 0.04 [4740.00] -2.20[-6.48,2.08] -1.01 [2.18] 0.31 [4740.00]
RaceContRespWhiteAmericanV.Producthardwaresupplies	-0.24 [2.23] 0.81 [4741.00] 2.15[-1.99.6.29]		0.30 [3.33] 0.76 [4741.00] 1.59[-4.59.7.77]	0.14 [4740.00] -0.53[-4.90,3.84] -0.24 [2.23] 0.81 [4740.00] 2.17[-1.97,6.31] 1.03 [2.11]	-4.66[-9.19,-0.14]* -2.02 [2.31] 0.04 [4741.00] -2.22[-6.50.206] -1.02 [2.18]		0.30 [3.33] 0.76 [4741.00] 1.59[-4.59.7.77]	-2.02 [2.31] 0.04 [4740.00] -2.20(-6.48.2.08)
RaceContRessNonAmWhiteV.Productioiletnaner	1.02 [2.11] 0.31 [4741.00]		0.50 [3.15] 0.61 [4741.00]				0.50 [3.15] 0.61 [4741.00]	-1.01 [2.18] 0.31 [4740.00]
RaceConfloorWhiteAmericanV_Producttoiletonorr	-1.76 [2.22] 0.08 [4741.00]		0.61 [4741.00] 0.81[-5.09.7.31] 0.24 [3.31] 0.81 [4741.00] -1.21 [3.00] 0.22 [4741.00] 4.25[-2.22,10.72] 1.29 [3.30] 0.20 [4741.00] 2.19[-3.90,8.29] 0.71 [3.11]	-1.74 [2.22] 0.08 [4740.00]	-2.39 [2.30] 0.02 [4741.00]		0.24 [3.31] 0.81 [4741.00]	-2.38 [2.30] 0.02 [4740.00]
	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]
$Race ContResp Non Am White V_{\star} Race name f Black$	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]
$Race ContResp White American V_Race name fBlack$	2.89[-1.19,6.98] 1.39 [2.08] 0.17 [4741.00]		0.20 [1741.00] 0.27 [2.11] 0.27 [2.11] 0.28 [1741.00] 3.02[-3.67.9.70] 0.28 [2.41] 0.28 [3.24] 0.27 [2.07] 0.45 [1741.00] 2.08[-3.92.9.12] 0.47 [1741.00] 0.57 [2.21] 0.58 [2.30, 10] 0.57 [2.21] 0.58 [2.30, 10] 0.59 [3.21]	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]		0.81[-3.09,7.31] 0.81[474.00] 0.81[474.00] 0.81[474.00] -3.70[-9.80,2.30] -1.22[3.00] -1.22[3.00] -1.22[3.00] -2.22[2.12] -2.22.22[2] -2.2	$\begin{array}{llll} -5.4[-9.9,-0.97] & -0.97 & -$
Race ContResp Non Am White V.Race name f Chinese	1.32[-3.16,5.81] 0.58 [2.29]		3.02[-3.67,9.70] 0.88 [3.41]	1.39[-3.10,5.87] 0.61 [2.29]	-1.80[-6.44,2.84] -0.76 [2.37]		3.02[-3.67,9.70] 0.88 [3.41]	-1.76[-6.40,2.88] -0.74 [2.37]
$Race ContResp White American V_{\bullet} Race name f Chinese$	2.55[-1.49,6.50] 1.24 [2.06]		2.19[-3.83,8.21] 0.71 [3.07]	2.60[-1.44,6.64] 1.26 [2.06]	-1.04[-5.22,3.14] -0.49 [2.13]		2.19[-3.83,8.21] 0.71 [3.07]	-1.01[-5.19,3.17] -0.47 [2.13]
Race ContRespN on Am White V.Race name fludian	0.22 [4741.00] -0.80[-5.17,3.57] -0.36 [2.23]		0.48 [4741.00] 2.60[-3.92,9.12] 0.78 [3.33]	0.21 [4740.00] -0.74[-5.11,3.63] -0.33 [2.23]	0.63 [4741.00] -2.91[-7.43,1.60] -1.26 [2.31]		0.48 [4741.00] 2.60[-3.92,9.12] 0.78 [3.33]	-2.88[-7.40,1.64] -1.25 [2.31]
${\bf Race ContResp White American V_Race name find in a}$	0.72 [4741.00] 1.62[-2.60,5.84] 0.75 [2.15]		0.43 [4741.60] 2.80[-3.50,9.10] 0.87 [3.21]	0.74 [4740.00] 1.69[-2.53,5.91] 0.79 [2.15]	0.21 [4741.00] -1.31[-5.67,3.06] -0.50 [2.20]		0.43 [4741.60] 2.80[-3.50,9.10] 0.87 [3.21]	0.21 [4740.00] -1.26[-5.62,3.11] -0.57 [2.26]
$V_* Product cigarettes V_* Racename f Black$	0.45 [4741.00] 2.65[-1.65,6.95]		0.38 [4741.00] -3.09[-9.46,3.29]	0.43 [4740.00] 2.58[-1.72,6.88]	0.56 [4741.00] -1.41[-5.87,3.05]		0.38 [4741.00] -3.09[-9.46,3.29]	0.57 [4740.00] -1.46[-5.91,3.00]
V. Producthardware supplies V. Racename fBlack	0.23 [4741.00] 0.93[-3.55,5.42]		0.34 [4741.00] 1.67[-4.94,8.29]	0.24 [4740.00] 0.94[-3.54,5.42]	0.54 [4741.00] -1.66[-6.31,3.00]		-0.95 [3.25] 0.34 [4741.00] 1.67[-4.94.8.29] 0.50 [4741.00] 0.62 [4741.00]	0.52 [4740.00] -1.65[-6.31,3.00]
V_ProducttoiletpaperV_RacemamefBlack	0.41 [2.29] 0.68 [4741.00] 0.31[-4.06,4.68]		0.50 [3.37] 0.62 [4741.00] -0.38[-6.85,6.09]	0.41 [2.29] 0.68 [4740.00] 0.31[-4.06,4.67]	-0.70 [2.37] 0.49 [4741.00] -1.30[-5.83,3.23]		0.59 [3.37] 0.62 [4741.00] -0.38[-6.85,6.09]	-0.70 [2.37] 0.49 [4740.00] -1.31[-5.83,3.22]
V_ProducteigarettesV_Racename@hinese	0.14 [2.23] 0.89 [4741.00] -1.38[-5.84,3.07]			$\begin{array}{c} -288[-5240.08] + \\ -170 [220] \\ 0.97[-190.08] \\ 0.97[-1$	-0.56 [2.31] 0.57 [4741.00] -1.56[-6.18,3.06]		-0.38[-6.85,6.09] -0.11 [3.30] 0.91 [4741.00] -3.12[-9.69,3.45]	-146 -5.93,300 -0.64 [227] 0.52 [4760.0] -1.65] -6.33,300] -0.70 [237] 0.49 [4760.0] -1.31] -5.83,322] -0.57 [4760.0] -1.61] -6.23,201] -0.08 [2.96]
V.ProducthardwaresuppliesV.Racename@Chinese	-0.61 [2:27] 0.54 [4741.00] 1.06[-3.30.5.42]		-0.93 [3.35] 0.35 [4741.00] 1.27[-5.17.7.71]	-0.64 [2.27] 0.52 [4740.00] 1.07[-3.28.5.43]	-0.66 [2.36] 0.51 [4741.00] -1.44[-5.95.3.08]		-0.93 [3.35] 0.35 [4741.00] 1.27[-5.17.7.71]	-0.68 [2.36] 0.49 [4740.00] -1.43[-5.94,3.08] -0.62 [2.30]
V.Productioiletpaper V.Racename & Chinese	0.88[-3.84.397] -0.61 [2.30.5.02] 0.54 [474.06] 0.54 [274.06] 0.68 [272] 0.68 [272] 0.68 [272] 0.68 [272] 0.69 [270.06] 0.72 [270.06] 0.72 [270.06] 0.74 [270] 0.75 [270.06] 0.75 [270.06]		0.39 [3.29] 0.70 [4741.00]	1.07 3.217	-0.62 [2.30] 0.53 [4741.00]		-3.12[-9.09,3.45] -0.05 [3.35] -0.05 [4741.09] 1.27[-5.17,7.71] 0.39 [3.29] 0.70 [4741.09] -1.50[-7.90,491] -0.46 [3.27] 0.95 [3.36] 0.95 [3.36] 0.95 [3.36] 0.94 [4741.09] 2.72[-3.85,9.29] 0.81 [3.36]	
V.Productigaretto V.Raceuamefindian	-0.76 [2.21] 0.45 [4741.00]		-0.46 [3.27] 0.65 [4741.00]	-0.76 [2.21] 0.44 [4740.00]	-1.97 [2.30] 0.05 [4741.00]		-0.46 [3.27] 0.65 [4741.00]	-1-23; -96; -06; -06; -06; -06; -06; -06; -06; -0
	0.05 [2.27] 0.96 [4741.00]		0.95 [3.36] 0.34 [4741.00]	0.21[-4.25,4.66] 0.09 [2.27] 0.93 [4740.00]	0.10 [2.36] 0.92 [4741.00]		0.95 [3.36] 0.34 [4741.00]	0.12 [2.36] 0.90 [4740.00]
$V_{\bullet} Product hardware supplies V_{\bullet} Racename find in \\$	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]	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]
$V_* Product to llet paper V_* Racename findian$	-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]
$Race ContResp Non Am White V_Product cigarettes V_Race mannef Bluck$	-6.21[-12.53,0.12]+ -1.92 [3.23]		-0.22[-9.58,9.14] -0.05 [4.78]	-6.22[-12.55,0.10]+ -1.93 [3.23]	3.37[-3.19,9.92] 1.01 [3.34]		-0.22[-9.58,9.14] -0.05 [4.78]	3.36[-3.20,9.91] 1.00 [3.34]
$Race ContResp White American V_{\bullet} Product cigarettes V_{\bullet} Race name f Black$	0.05 [4741.00] -6.86[-12.77, -0.94]* -2.27 [3.02] 0.02 [4741.00] -2.77[-9.133.59] -0.85 [3.24] 0.39 [4741.00] -2.06[-8.09.3.97] -0.67 [3.08] 0.50 [4741.00] 1.50[-4.887.58] 0.64 [3.79]		1.76[-7.00,10.52] 0.39 [4.47]	-6.81[-12.73,-0.90]* -2.26 [3.02]	0.86[-5.27,6.99] 0.28 [3.13]		1.76[-7.00,10.52] 0.39 [4.47]	0.90[-5.23,7.03] 0.29 [3.13]
$Race ContRespN on AmWhite V_P coduct hardware supplies V_Race name fBlack$	0.02 [4741.00] -2.77[-9.13,3.59] -0.85 [3.24]		0.69 [4741.00] -2.20[-11.58,7.17] -0.46 [4.78]	-6.81 - 12.73, -0.90° -2.28 (3.02) 0.02 [4740.00] -2.81 [-9.17,3.54] -0.87 [3.24] 0.39 [4740.00] -2.13 [-8.16,3.90] -0.49 [3.08] 0.49 [4740.00] 1.44 [-4.94.7.82]	0.78 [4741.00] 3.91[-2.69,10.51] 1.16 [3.36]		0.69 [4741.00] -2.20[-11.58,7.17] -0.46 [4.78]	0.77 [4740.00] 3.88[-2.71,10.47] 1.15 [3.36]
$Race ContResp White American V_{\bullet} Product hardware supplies V_{\bullet} Race name f Black$	0.39 [4741.00] -2.06[-8.09;3.97] -0.67 [3.08]		0.64 [4741.00] -3.76[-12.66,5.15] -0.83 [4.54]	0.39 [4740.00] -2.13[-8.16,3.90] -0.69 [3.08]	0.25 [4741.00] 1.85[-4.40,8.11] 0.58 [3.19]		0.64 [4741.00] -3.76[-12.66,5.15] -0.83 [4.54]	0.25 [4740.60] 1.81[-4.44,8.07] 0.57 [3.19]
Race ContRespNonAmWhite V. Product to det paper V. Race nome fBlack	0.50 [4741.00] 1.50[-4.88,7.88]		0.41 [4741.06] -2.16[-11.61,7.29]	0.49 [4740.06] 1.44[-4.94,7.82]	0.56 [4741.00] 5.47[-1.15,12.08]		0.41 [4741.00] -2.16[-11.61,7.29]	0.57 [4740.00] 5.42[-1.19,12.03]
Race ContResp White American V. Product to ilet paper V. Racename f Black	0.64 [4741.00] -2.08[-7.99,3.83]		0.65 [4741.00] 2.27[-6.48,11.01]	0.44 [3.25] 0.44 [3.25] 0.66 [4740.06] -2.04[-7.95,3.88] -0.67 [3.02] 0.50 [4740.06]	0.11 [4741.00] 2.57[-3.56,8.70]		0.65 [4741.00] 2.27[-6.48,11.01]	5.42[-1.19,12.03] 1.61 [3.37] 0.11 [4740.06] 2.61[-3.52,8.73] 0.83 [3.13] 0.40 [4740.06]
Race ContResp Non Am White V. Product cigarettes V. Racensme f Chinese	-0.69 [3.02] 0.49 [4741.00] -0.27[-6.73,6.18]		0.51 [4741.00] 0.61 [4741.00] 1.98[-7.56,11.52]	-0.67 [3.02] 0.50 [4740.00] -0.22[-6.68,6.23]	0.82 [3.13] 0.41 [4741.00] 3.79[-2.90,10.48]		0.51 [4:46] 0.61 [4741.00] 1.98[-7.56,11.52]	0.83 [3.13] 0.40 [4740.00] 3.82[-2.87,10.51]
RaceContRespWhiteAmericanV,ProductcigarettesV,RacenamefChinese	-0.08 [3.29] 0.93 [4741.00] -0.41[-6.38,5.57]		0.41 [4.87] 0.68 [4741.00] 3.58[-5.25,12.41]	-0.07 [3.29] 0.95 [4740.00] -0.31[-6.28,5.66]	1.11 [3.41] 0.27 [4741.00] 0.29[-5.90,6.49]		0.41 [4.87] 0.68 [4741.00] 3.58[-5.25,12.41]	1.12 [3.41] 0.26 [4740.00] 0.36[-5.84,6.55]
RaceContRespNonAmWhiteV_ProducthordwaresuppliesV_RacemansfChinese	1.50[-4.88,7.86] 0.46 [2.79] 0.46 [2.79,3.53] -0.09 [3.02] 0.9 [4741.00] -0.27[-6.73,6.18] -0.08 [3.29] -0.41[-6.38,5.57] -0.41[-6.38,5.57] -0.15 [3.03] 0.9 [4741.00] -0.56 [3.29] -0.56 [3.29] -0.57 [474.00] -1.03[-9.99,9.94] -0.33 [3.04]		0.51 [4741.09] -0.45 [4.82] -0.55 [4741.09] 0.52 [4741.09] 0.52 [4.46] 0.65 [4741.09] 0.65 [4741.09] 0.41 [4.87] 0.43 [4741.09] 0.45 [4741.09] 0.45 [4741.09] 0.49 [4741.09] -0.49 [4741.09] -0.59 [-0.77,287] -0.29 [4741.09]	-0.10 [3.05] 0.92 [4740.00] -1.90[-8.34.4.54]	0.09 [3.16] 0.93 [4741.00] 3.96[-3.42.9.95]		0.81 [3.32] 0.82 [474.06] 11.124 [3.32] 0.12 [474.06] 11.124 [3.32] 0.12 [474.06] 0.22 [474.06] 0.22 [474.06] 0.36 [474.06] 1.76[-7.00.10.27] 0.36 [474.06] 1.76[-7.00.10.27] 0.36 [474.06] 1.76[-7.00.10.27] 0.36 [474.06] 1.76[-7.00.10.27] 0.36 [474.06] 0.37 [474.06] 0.38 [474.06] 0.39 [474.06] 0.30 [474.06] 0.31 [474.06]	0.11 [3.16] 0.91 [4740.00] 3.99[-3.45.9.90]
RaceContRessWhiteAmericanV.ProducthardwaresureslesV.Bacemans@Chinese	-0.56 [3.29] 0.57 [4741.00]		-0.69 [4.86] 0.49 [4741.00]	-0.58 [3.28] 0.56 [4740.00]	0.96 [3.40] 0.34 [4741.00]		-0.69 [4.86] 0.49 [4741.00]	0.95 [3.40] 0.34 [4740.00]
RaceContHeepWhiteAmericanV_ProducthardwaresuppliesV_RacenamefChinese RaceContRespNonAmWhiteV_ProducttoiletpaperV_RacenamefChinese	-0.34 (3.04) -0.34 (3.04) -0.34 (3.04) -0.34 (3.04) -0.34 (3.04) -1.35 (1.02) -0.14 (474.06) -0.37 (3.03) -0.37 (3.03) -0.37 (3.03) -0.38 (3.24) -0.48 (3.24) -0.57 (3.03) -0.57 (3.03)		0.95[-9.77,7.87] -0.21 [4.90] -0.33 [474,7.47] -0.41 [4.87] -0.44 [4.87] 0.88 [4741.08] 0.33 [4.44] 0.33 [4.44] 0.33 [4.44] 0.34 [474.08] -1.82[-1.30,7.67] -0.28 [8.84] 0.71 [4741.08] 0.22 [4.73] 0.23 [4741.08] 0.24 [4741.08] 0.25 [4741.08]	-0.07 [2.9] -0.05 [4740.00] -0.22[-0.08.0, 2.2] -0.07 [3.29] -0.5 [4740.00] -0.10 [3.02] -0.10 [3.02] -0.10 [3.02] -0.10 [3.02] -0.26 [4740.00] -0.26 [4740.00] -0.36 [3.28] -0.56 [4740.00] -0.37 [4740.00] -0.38 [3.04] -0.73 [4740.00] -0.31 [3.04] -0.73 [4740.00] -0.90 [-0.01,11.24] -0.90 [-0.01,12.24] -0.90 [-0.01,12.24] -0.90 [-0.01,12.24]			-0.99[-9.77,7.87] -0.22 [429] -0.35 [4741.98] -2.08[-11.48,7.47] -0.41 [4.82] 0.68 [4741.98] 0.33 [4.42] 0.33 [4.42] 0.33 [4.42] 0.34 [4741.98] -1.82[-11.30,7.67] -0.28 [4.8] 0.71 [4741.98] 0.27 [4.70,9.93] 0.21 [4.71] 0.35 [4741.98] 0.43 [-8.97,9.84] 0.49 [-8.97,9.84]	3.50[-2.57].0.51] 1.12 [3.41] 0.26] [170.08] 0.27 [170.08] 0.31 [170.08] 0.31 [170.08] 0.31 [170.08] 0.34 [170.08] 0.34 [170.08] 0.34 [170.08] 0.35 [170.08] 0.39 [170.08]
	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]
$Race ContResp White American V_{\bullet} Product to ill et paper V_{\bullet} Race name f Chinese$	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]
$Race ContResp Non Am White V_{\nu} Product cignrettes V_{\nu} Race name find in an armonic contract of the product of the produc$	-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 [4741.05]	0.14 [4740.00] 0.95[-480.68] 0.12 [2.01] 0.75 [4740.00] -2.84[-9.26.7.88] -0.87 [3.29] 0.29 [4740.00] -2.96[-8.42.7.70] 0.45 [4740.00] 0.46 [2.24] 0.46 [2.24] 0.46 [3.24] 0.46 [4740.00] -2.26[-8.19.7.70] 0.46 [4740.00] -4.26[-8.40.00]	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 [4740.09]
$Race ContResp White American V_{\bullet} Producted garettes V_{\bullet} Race name find on$	-2.36[-8.43,3.70] -0.76 [3.09]		0.97[-8.00,9.93] 0.21 [4.57]	-2.36[-8.42,3.70] -0.76 [3.09]	-0.26[-6.55,6.02] -0.08 [3.21]		0.97[-8.00,9.93] 0.21 [4.57]	-0.27[-6.55,6.02] -0.08 [3.21]
$Racs ContResp Non Am White V_P coduct hardware supplies V_Race name find on$	0.40 [4741.00] 1.43[-4.92,7.78] 0.44 [3.24]		0.83 [4741.00] 0.43[-8.97,9.84] 0.09 [4.80]	0.40 [4740.00] 1.48[-4.86,7.82] 0.46 [3.24]	0.35 [4741.00] 4.58[-2.00,11.15] 1.37 [3.35]		0.83 [4741.00] 0.43[-8.97,9.84] 0.09 [4.80]	0.93 [4/40.00] 4.62[-1.96,11.19] 1.38 [3.35]
$Race ContResp White American V_P roduct hardware supplies V_Race name find in a new point of the product of t$	0.66 [4741.00] -2.17[-8.12,3.78] -0.71 [3.04]		0.43[-8.97,9.84] 0.09 [4.80] 0.93 [4741.00] -4.02[-12.84,4.80] -0.89 [4.50] 0.37 [4741.00]	0.65 [4740.00] -2.24[-8.19,3.70] -0.74 [3.03]	0.17 [4741.00] 3.76[-2.41,9.92] 1.19 [3.14]		0.09 [4.80] 0.09 [4.80] 0.93 [4741.00] -4.02[-12.84,4.80] -0.80 [4.50] 0.37 [4741.00]	0.17 [4740.00] 3.70[-2.46,9.87] 1.18 [3.14]
$Race ContRespNon AmWhite V_Product to det paper V_Race name find in \\$	1.43[-4.92,7.76] 0.44 [3.24] 0.46 [474,96] -2.17[-8.12,3.78] -0.71 [3.04] 0.48 [4741,90] 4.54[-1.81,10.89] 1.40 [3.24] 0.16 [474,90] 1.17 [-4.84,7.22] 0.29 [3.07] 0.70 [4741,90]		0.37 [4741.06] -1.63[-11.00,7.75] -0.34 [4.78]	0.46 [4740.00] 4.49[-1.86,10.83] 1.39 [3.24]	0.23 [4741.60] 6.53[-0.05,13.12]+ 1.95 [3.36]		0.37 [4741.00] -1.63[-11.00,7.75] -0.34 [4.78]	0.24 [4740.60] 6.50[-0.09,13.08]+ 1.93 [3.36]
$Race ContResp White American V_{\bullet} Product to ill et paper V_{\bullet} Race name findian$	0.16 [4741.00] 1.19[-4.84,7.22]		-1.63[-11.00,7.75] -0.34 [4.78] 0.73 [4741.00] 1.95[-6.96,10.86]	0.17 [4740.00] 1.20[-4.82,7.23]	6.53[-0.05,13.12]+ 1.95 [3.36] 0.05 [4741.00] 3.60[-2.65,9.85]		-1.63[-11.00,7.75] -0.34 [4.78] 0.73 [4741.00] 1.96[-6.00.86]	6.50[-0.09,13.08]+ 1.93 [3.36] 0.05 [4740.00] 3.61[-2.64,9.85]
MWOther Self	0.70 [4741.00]	-0.02[-0.04,0.00]*	0.43 [4.54] 0.67 [4741.00]	0.46 [4740.00] 4.49[-1.86,10.83] 1.39 [3.24] 0.17 [4740.00] 1.20[-4.82,7.25] 0.39 [3.07] 0.70 [4740.00] -0.02[-0.04,0.00]* -2.24 [0.01] 0.03 [4740.00]	1.13 [3.19] 0.26 [4741.00]	-0.01[-0.03,0.04]	0.43 [4.54] 0.67 [4741.00]	3.61[-2.64,935] 1.13 [3.19] 0.26 [4740.00] -0.01[-0.03,0.01] -1.43 [0.01] 0.15 [4740.00] 6.85
SD (Intercept ID)	5.76 9.52	-0.02[-0.04,0.00]* -2.06 [0.01] 0.04 [4788.00] 5.75 9.53	5.75	-2.24 [0.01] 0.03 [4740.00] 5.78 9.51	6.86 9.75	-0.01[-0.03,0.01] -1.44[0.01] 0.15[4788.00] 6.83	5.75	-1.43 [0.01] 0.15 [4740.00] 6.85
SD (Observations) Num.Obs.	9.52 4792 0.011	9.53 4792 0.001	14.68 4792 0.011	9.51 4792 0.012	9.75 4792 0.009	9.75 4792 0.000	14.68 4792 0.011	9.75 4792 0.009
HZ Mang, RZ Cond. AIC BIC ICC	0.226	0.267	0.143	0.228	0.337	0.329	0.143	0.336
BIC ICC RMSE	35 977.7 36 307.9 0.3 9.02	36 039.5 36 065.4 0.3 9.08	39.747.9 40.078.1 0.1 14.09	35 982.1 36 318.8 0.3 9.01	36339.9 36670.1 0.3 9.20	36396.0 36421.9 0.3 9.25	39747.9 40078.1 0.1 14.09	36347.3 36683.9 0.3 9.20
p.value, [df.error]						•		

RMSE 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]	2.50[1.97,3.04]*** 9.15 [0.27]	-5.55[-9.69,-1.41]** -2.63 [2.11]	0.35[-2.48,3.18] 0.24 [1.44]	3.69[0.73,6.64]* 2.45 [1.51]	3.16[2.55,3.78]**** 10.08 [0.31]	-5.55[-9.69,-1.41]** -2.63 [2.11]	3.61[0.66,6.57]* 2.40 [1.51]
	0.32 [1.44] 0.75 [4765.00]	9.15 [0.27] 0.00 [4788.00]	-2.63 [2.11] 0.01 [4765.00]	0.24 [1.44] 0.81 [4764.00]	2.45 [1.51] 0.01 [4765.00]	0.00 [4788,000	-2.63 [2.11] 0.01 [4765.00]	2.40 [1.51] 0.02 [4764.00]
RaceContRespNonAmWhite	0.05[-2.34,2.43]	0.00 [4100.00]	-0.68[-4.04, 2.67]	0.02[-2.36,2.41]	-0.36[-2.92,2.20]	con [stocon]	-0.68[-4.04,2.67]	-0.38[-2.93,2.18]
	0.04 [1.22]		-0.40 [1.71]	0.02 [1.22]	-0.28 [1.30]		-0.40 [1.71]	-0.29 [1.30]
	0.97 [4765.00]		0.69 [4765.00] 0.71[-2.46.3.88]	0.98 [4764.00]	0.78 [4765.00] -0.60[-3.01.1.82]		0.69 [4765.00] 0.71[-2.46.3.88]	0.77 [4764.00] -0.59[-3.00.1.82]
RaceContRespWhiteAmerican	-1.23[-3.48,1.03] -1.07 [1.15]		0.71[-2.46,3.88]	-1.22[-3.48,1.04] -1.06 [1.15]	-0.60[-3.01,1.82] -0.48 [1.23]		0.71[-2.46,3.88]	-0.59[-3.00,1.82] -0.48 [1.23]
	0.29 [4765.00]		0.66 [4765.00]	0.29 [4764.00]	0.63 [4765.00]		0.66 [4765.00]	0.63 [4764.00]
V_ProductMorMorallyQuestionable	0.72[-1.40, 2.84]		0.53[-2.63, 3.69]	0.72[-1.40, 2.84]	0.35[-1.85, 2.54]		0.53[-2.63, 3.69]	0.34[-1.85, 2.53]
	0.67 [1.08] 0.51 [4765.00]		0.33 [1.61] 0.74 [4765.00]	0.66 [1.08] 0.51 [4764.00]	0.31 [1.12] 0.76 [4765.00]		0.33 [1.61] 0.74 [4765.00]	0.30 [1.12] 0.76 [4764.00]
V.RacmamefBlack	-1.02[-3.07.1.03]		-0.95[-4.06.2.15]	-1.05[-3.10.1.00]	-0.03[-2.14.2.08]		-0.95[-4.06.2.15]	-0.05[-2.16.2.06]
	-0.97 [1.05]		-0.60 [1.58]	-1.00 [1.05]	-0.03 [1.08]		-0.60 [1.58]	-0.04 [1.08]
	0.33 [4765.00]		0.55 [4765.00]	0.32 [4764.00]	0.98 [4765.00]		0.55 [4765.00]	0.96 [4764.00]
V_RacenamefChinese	-1.37[-3.41,0.68] -1.31 [1.04]		-0.75[-3.82,2.32] -0.48 [1.57]	-1.39[-3.44,0.65] -1.33 [1.04]	-1.02[-3.13,1.09] -0.95 [1.08]		-0.75[-3.82,2.32] -0.48 [1.57]	-1.04[-3.15,1.07] -0.96 [1.08]
	0.19 [4765.00]		0.63 [4765.00]	0.18 [4764.00]	0.34 [4765.00]		0.63 [4765.00]	0.34 [4764.00]
V_RacenamefIndian	0.21[-1.91,2.33]		-1.17[-4.35, 2.01]	0.17[-1.95, 2.29]	-1.47[-3.66,0.72]		-1.17[-4.35, 2.01]	-1.50(-3.69,0.69)
	0.20 [1.08]		-0.72 [1.62]	0.16 [1.08]	-1.31 [1.12]		-0.72 [1.62]	-1.34 [1.12]
V _s Age	0.85 [4765.60] 0.0630.01,0.12[*		0.47 [4765.06] 0.08(0.00,0.16)+	0.88 [4764.00] 0.06[0.01,0.12]*	0.19 [4765.00] 0.01[-0.04,0.07]		0.47 [4765.00] 0.0830.00,0.16]+	0.18 [4764.00] 0.02[-0.04.0.07]
V,Age	2.23 (0.03)		1.90 (0.04)	2.29 (0.03)	0.48 (0.03)		1.90 (0.04)	0.52 [0.03]
	0.03 [4765.00]		0.06 [4765.00]	0.02 [4764.00]	0.63 [4765.00]		0.06 [4765.00]	0.60 [4764.00]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionable	-1.23[-4.31,1.85]		0.02[-4.57, 4.61]	-1.21[-4.29, 1.87]	-2.01[-5.19,1.17]		0.02[-4.57, 4.61]	-1.99[-5.17, 1.19]
	-0.78 [1.57] 0.43 [4795.000		0.01 [2.34]	-0.77 [1.57] 0.44 54764 007	-1.24 [1.62] 0.22 54765 001		0.01 [2.34]	-1.23 [1.62] 0.22 [4764.00]
RaceContRespWhiteAmericanV.ProductMorMorallyOnestionable	0.43 [4765.00]		-3.89(-8.18.0.41)+	0.44 [4764.00]	-0.22 [4763.00] -0.24[-3.22.2.74]		-3.89[-8.18.0.41]+	-0.22 [4764.00] -0.29[-3.27.2.69]
	0.64 [1.47]		-1.77 [2.19]	0.59 [1.47]	-0.16 [1.52]		-1.77 [2.19]	-0.19 [1.52]
	0.52 [4765.00]		0.08 [4765.00]	0.56 [4764.00]	0.87 [4765.00]		0.08 [4765.00]	0.85 [4764.00]
$Race ContRespNonAmWhiteV_{\bullet}Race name fBlack$	1.06[-1.25,4.58]		3.30[-1.11,7.70]	1.74[-1.17,4.66]	-0.59[-3.59,2.42] -0.38 [1.59]		3.30[-1.11,7.70] 1.47 [2.25]	-0.53[-3.54,2.47] -0.35 [1.53]
	0.26 [4765.00]		0.14 [4765.00]	0.24 [4764.00]	-0.38 [1.53] 0.70 [4765.00]		0.14 [4765.00]	-0.35 [1.53] 0.73 [4764.00]
RaceContRespWhiteAmericanV_RacenamefBlack	1.85[-0.93.4.64]		0.405-3.79.4.605	1.877-0.92.4.657	-1.11[-3.98.1.75]		0.401-3.79.4.601	-1.11[-3.97, 1.76]
	1.31 [1.42]		0.19 [2.14]	1.32 [1.42]	-0.76 [1.46]		0.19 [2.14]	-0.76 [1.46]
	0.19 [4765.00]		0.85 [4765.00] 1.395-3.17.5.95]	0.19 [4764.00] 0.31 [-2.73,3.34]	0.45 [4765.00]		0.85 [4765.00]	0.45 [4764.00]
$Race ContRespNonAmWhite V_{\bullet} Racename f Chinese$	0.27[-2.77,3.30]		0.60 [2.33]	0.31[-2.73,3.34] 0.20 [1.55]	-0.18[-3.31,295] -0.11 [1.60]		1.39[-3.17,5.95]	-0.15[-3.28,2.98] -0.09 [1.60]
	0.86 [4765.00]		0.55 [4765.00]	0.84 [4764.00]	0.91 [4765.00]		0.55 [4765.00]	0.92 [4764.00]
RaceContRespWhiteAmericanV_RacenamefChinese	1.94 - 0.85.4.72		1.625-2.57.5.825	1.98[-0.81.4.76]	-0.71[-3.58.2.17]		1.62[-2.57.5.82]	-0.68(-3.56.2.20)
	1.36 [1.42] 0.17 [4765.00]		0.76 [2.14]	1.39 [1.42] 0.16 (4764.00)	-0.48 [1.47] 0.63 [4765.00]		0.76 [2.14]	-0.46 [1.47] 0.64 [4764.00]
RaceContRespNonAmWhiteV_RacenamefIndian	-0.17 [4765.00] -0.17[-3.17,2.83]		2.31[-2.19.6.81]	-0.16 [4764.00] -0.10[-3.10.2.90]	-0.63 [4765.00] -0.62[-3.71.2.47]		2.31[-2.19.6.81]	-0.51 [4764.00] -0.57[-3.67.2.52]
noor control production and a processing and an arrangement	-0.11 [1.53]		1.01 [2.30]	-0.07 [1.53]	-0.39 [1.58]		1.01 (2.30)	-0.36 [1.58]
	0.91 [4765.00]		0.31 [4765.00]	0.95 [4764.00]	0.69 [4765.00]		0.31 [4765.00]	0.72 [4764.00]
RaceContRespWhiteAmericanV_RacenamefIndian	0.52[-2.31, 3.35]		0.67[-3.57, 4.92]	0.55[-2.28, 3.38]	0.71[-2.21, 3.63]		0.67[-3.57,4.92]	0.73[-2.19, 3.65]
	0.36 [1.44] 0.72 [4765.00]		0.31 [2.16] 0.76 [4765.00]	0.38 [1.44] 0.70 [4764.00]	0.48 [1.49] 0.63 [4765.00]		0.31 [2.16] 0.76 [4765.00]	0.49 [1.49] 0.62 [4764.00]
V_ProductMorMorallyQuestionableV_RacemamefBlack	1.09[-1.93,4.11]		-2.58[-7.07,1.91]	1.05[-1.97,4.06]	-0.55[-3.66,2.57]		-2.58[-7.07,1.91]	-0.57[-3.69,2.55]
	0.71 [1.54]		-1.12 [2.29]	0.68 [1.54]	-0.34 [1.59]		-1.12 [2.29]	-0.36 [1.59]
	0.48 [4765.00]		0.26 [4765.00]	0.50 [4764.00]	0.73 [4765.00]		0.26 [4765.00]	0.72 [4764.00]
V. ProductMorMorallyQuestionableV.RacenamefChinese	-2.08[-5.21,1.04] -1.31 [1.59]		-2.83[-7.42,1.77] -1.20 [2.35]	-2.13[-5.25,0.99] -1.34 [1.59]	-2.33[-5.57,0.91] -1.41 [1.65]		-2.83[-7.42,1.77] -1.20 (2.35)	-2.36[-5.60,0.88] -1.43 [1.65]
	0.19 [4765.00]		0.23 [4765.00]	0.18 [4764.00]	0.16 [4765.00]		0.23 [4765.00]	0.15 [4764.00]
V_ProductMorMorallyQuestionableV_RacenamefIndian	-1.93[-5.08, 1.22]		0.62[-4.00,5.25]	-1.88[-5.04, 1.27]	0.50[-2.78, 3.77]		0.62[-4.00, 5.25]	0.53[-2.74,3.80]
	-1.20[1.61]		0.26 [2.36]	-1.17 [1.61]	0.30 [1.67]		0.26 [2.36]	0.32 [1.67]
RaceContRespNonAmWhiteV_ProductMorMorallyQuestionableV_RacenamefBlack	0.23 [4765.00] -0.86[-5.28.3.57]		0.79 [4765.00] -0.24[-6.81,6.34]	0.24 [4764.00] -0.88[-5.30.3.55]	0.77 [4765.00] 2.56[-2.02.7.14]		0.79 [4765.00] -0.24[-6.81.6.34]	0.75 [4764.00] 2.54[-2.04.7.13]
nace, on nespectation and a resident state of the state o	-0.86[-5.28,3.57]		-0.24[-6.81,0.34] -0.07 [3.35]	-0.88[-0.30,3.55]	1.10 (2.34)		-0.24[-0.81,0.34]	1.09 [2.34]
	0.70 [4765.00]		0.94 [4765.00]	0.70 [4764.00]	0.27 [4765.00]		0.94 [4765.00]	0.28 [4764.00]
Race ContResp White American V. Product MorMorally Questionable V. Racename f Black	-3.43[-7.58,0.71]		3.96[-2.19,10.11]	-3.36[-7.50,0.79]	0.86[-3.42, 5.15]		3.96[-2.19,10.11]	0.92[-3.37, 5.21]
	-1.62 [2.11] 0.10 [4765.00]		1.26 [3.14] 0.21 [4765.00]	-1.59 [2:11] 0.11 [4764.00]	0.39 [2.19] 0.69 [4765.00]		1.26 [3.14] 0.21 [4765.00]	0.42 [2.19] 0.67 [4764.00]
RaceContResnNonAmWhiteV.ProductMorMorallyOnestionableV.RacenamefChinese	3.44[-1.10.7.97]		1.54[-5.14.8.23]	3.45[-1.08,7.98]	4.50[-0.20,9.20]+		1.54[-5.14.8.23]	4.51[-0.19.9.21]+
	1.49 [2.31]		0.45 [3.41]	1.49 [2.31]	1.88 [2.40]		0.45 [3.41]	1.88 [2.40]
	0.14 [4765.00]		0.65 [4765.00]	0.14 [4764.00]	0.06 [4765.00]		0.65 [4765.00]	0.06 [4764.00]
Raco Cont Resp White American V. Product MorMorally Questionable V. Racename f Chinese	0.99[-3.22,5.21]		3.14[-3.08,9.36] 0.99 (3.17)	1.05[-3.17,5.26] 0.49 [2.15]	4.20[-0.17,8.56]+ 1.88 [2.23]		3.14[-3.08,9.36] 0.99 [3.17]	4.23[-0.14,8.60]+ 1.90 [2.23]
	0.64 [4765,000		0.39 [3.17]	0.63 [4764.00]	0.06 [4765.00]		0.32 [4765.00]	0.06 [4764.00]
$Race ContRespNonAmWhite V_ProductMorMorally Questionable V_Race name fIndian$	0.23[-4.31.4.77]		-1.45[-8.14, 5.23]	0.16[-4.38, 4.70]	2.14[-2.57,6.85]		-1.45[-8.14, 5.23]	2.08[-2.63,6.79]
	0.10 [2.32]		-0.43 [3.41]	0.07 [2.32]	0.89 [2.40]		-0.43 [3.41]	0.87 [2.40]
	0.92 [4765.00]		0.67 [4765.00] 3.600-2.67.9.871	0.94 [4764.00]	0.37 [4765.00]		0.67 [4765.00] 3.60[-2.67.9.87]	0.39 [4764.00]
Race ContReep White American V. Product MorMorally Questionable V. Racename find in a new product of the Control of the Cont	0.50[-3.71,4.82] 0.25 [2.17]		3.60[-2.67,9.87] 1.13 [3.20]	0.60[-3.66,4.86]	-0.26[-4.69,4.16] -0.12 [2.26]		3.60[-2.67,9.87] 1.13 [3.20]	-0.23[-4.96,4.19] -0.10.12.26
	0.80 [4765.00]		0.26 [4765.00]	0.78 [4764.00]	0.91 [4765.00]		0.26 [4765.00]	0.92 [4764.00]
MWOther Self		$-0.02[-0.04,0.00]^*$		-0.02[-0.04,0.00]*		-0.01[-0.03,0.01]		-0.01[-0.03,0.01]
		-2.06 [0.01] 0.04 [4788.00]		-2.18 [0.01]		-1.44 [0.01] 0.15 [4788.00]		-1.46 [0.01] 0.14 [4764.00]
SD (Intercent ID)	5.76	0.04 [4788.00] 5.75	5.72	0.03 [4764.00] 5.77	6.86	0.15 [4788.00] 6.83	5.72	0.14 [4764.00]
SD (Observations)	9.52	9.53	14.67	9.51	9.74	9.75	14.67	9.74
Num Oba	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 BIC	36 017.2 36 192 0	36 (09.5 36 (65.4	39 802.8 39 977.6	36 021.9	36 379.3 36 554.1	36396.0	39 802.8 39 977.6	36386.5 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]								

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

Table 2.18: Model H2b

	MW C path	MW III and	MW IPI seek	WW D1 sells	MW Dr ands	MW C1 seds	MW Classic	WE C't sole	MW C2 sect	MW C'S such	MW C'Look
(lateropt)	-6.44[-11.29,-1.56]*** -2.66 [2.47]	-246[-3.29,-2.66]*** -8.31 [0.32]	-2.64[-3.27,-2.64]*** -8.22 [0.32]	-246(-3.23,-1.96)*** -842 [6.32]	-2.60[-3.23,-1.60]*** -8.64 [0.32] - m [1754 m)	0.90[-2.97,4.21] 0.35 [1.68]	3.00[-0.436.43]+ 1.71 [1.75] 6.00 (777.50)	-6.0[-11.26,-1.56]** -2.59 [2.07] 6.01 [2736.00] -1.39[-5.92,3.50]	-6.30[-11.18,-1.06]* -2.56 [2.07]	-6.33[-11.18,-1.29]* -2.56 [2.47]	-631[-1136,-136]* -235 [247] 406 [473406]
Race ContRespNonAnsWhite	-6.12[-11.29,-1.59]** -2.60 [2.17] 6.61 [2727.60] -1.20[-5.50,3.51] -0.50 [2.12]	640 [2766.00]	640 (2764.00)	640 (2557.00)	0.00 (2561.00)	0.50[-2.37,4.24] 0.35 [2.68] 0.38 [2727.60] 0.32[-2.95,3.66] 0.39 [3.62] 0.85 [2727.60]	2.16[-1.35,5.55] 1.19 [1.36]		-6.20[-11.18,-1.26]* -2.56 [2.27] 0.01 [2726.00] -1.13[-5.87,240] -0.27 [2.21]	-633[-11.18,-1.29]* -2.56 [2.47] 0.01 [2735.00] -1.14[-5.50,3.60] -0.47 [2.42]	-1.15[-5.89;3.58] -0.48 [2.15]
ReseContRespWhiteAmerican	6.62 [2737.06] -0.07[-1.55,1.00] -0.02 [3.26]					0.85 [4727.60] -2.32[-5.42(6.77] -1.47 [1.36]	0.23 [237.06] 0.55[-2.71,3.82] 0.32 [1.66]	6.62 [2736.00] -0.30[-1.61,1.32] -0.07 [2.26]	0.62 (2796.00) -0.00(-2.53,2.52) -0.03 (2.20)	0.64 [2735.06] -0.13[-1.61,1.35] -0.06 [2.26]	0.63 [2734.00] -0.12[-1.50,4.30] -0.65 [2.29]
V_{ν} reducte ignerators	6.97 [272.06] 6.66[-2.95,5.25]					0.14 [4727.00] -0.01[-2.05,2.00]	0.22 [2737.06] 0.55[-2.71,3.81] 0.32 [3.86] 0.71 [2737.06] 0.85[-2.29,4.06] 0.87[-2.29,4.06]	0.62 [2736.00] -0.56[-1.61,1.32] -0.87 [2.26] 0.91 [2736.00] 0.30[-2.845.12] 0.30[-2.845.12]	6.61 [278.66] -6.63 [128.67] -6.63 [12.5] -6.63 [12.5] -6.63 [12.5] -6.63 [12.5] -6.64 [12.5] -6.73 [12.5]	0.95 [2735.00] 0.61[-3.92,5.14]	0.96 [2731.00] 0.62[-3.91,5.15]
V_Production-descripping	0.90 [2727.00] 0.56[-4.05,5.28]					0.00 [1.55] 1.00 [2727.00] -0.00[-1.00,2.19] -0.57 [1.56]	0.60 [2337.00] 1.80[-1.34,5.00]	0.50 [2736.00] 0.53[-4.09,5.14]	0.79 [4736.00] 0.62[-2.99,5.24]	0.79 [2735.00] 0.56[-1.04,5.29]	0.79 [4734.66] 0.30[-4.06,5.15]
V.Productiolistpaper	6.81 (237.00) 6.81 (237.00) 1.18(-3.22,5.87)					-0.57 (1.58) 0.52 (2727.00) 0.32 (-2.56.3.54) 0.34 (0.54) 0.73 (2727.00) -1.47(-4.50.3.50)	0.25 [2737.06] 0.74[-1.28,4.86]	0.22 [2735] 0.82 [2736.00] 1.21[-3.29,5.70]	0.29 [220.00] 0.29 [220.00] 1.20[-3.26,5.73]	0.81 [235.00] 0.81 [235.00] 1.24[-3.25,5.71]	0.22 (2731.00) 0.92 (2731.00) 1.39(-3.31.5.97) 0.31 (2.29)
V-Journal of State	0.51 [237.00] -1.60[-6.14,2.60]					0.73 [4727.00] -1.47[-4.50,1.55]	0.27 [4737.00] 0.86[-2.27,3.96]	0.53 [229] 0.60 [2236.00] -1.68(-6.19,2.83]	0.50 [2296] 0.50 [220600] -1.61]-6.12(2.90)	0.51 [229] 0.59 [235.00] -1.65[-6.36,2.86]	0.61 [2731.00] -1.00[-6.17,2.00]
V.BarraanelCinere	-9.71 [2.30] 9.29 [2727.00] -1.29[-5.733.15]					-0.95 [1.54] 0.34 [4727.00] -1.91[-4.89.1.00]	0.54 [1.60] 0.30 [2737.00] -0.26[-3.33.2.80]	-0.73 [2:36] 0.36 [2736.00] -1.37[-5.81.3.07]	-6.70 (2.30) 0.48 (4736.00) -1.31(-5.75.3.13)	-0.72 [2:30] 0.47 [4755:00] -1.32[-5.81,3.07]	-0.72 [2.30] 0.07 [0731.00] -1.35[-5.79(3.00]
V.Formordinian	-0.57 [2:27] 0.57 [232:00] -7:00-7:00700					-1.25 [1.52] 0.21 [4727.60] -0.67[-7.517.70]	-0.15 [1.57] 0.86 [2737.06] -0.95[-1.777.77]	-0.60 [2:26] 0.55 [2736.00] -271[-7.43.760]	-0.58 (2.26) 0.56 (2736.00) -2.775-7.64.2 (00)	-0.60 [2:36] 0.35 [2735:00] -175-7-65-1 (60)	-0.60 (2.26) 0.55 (2734.00) -7.76(-7.51.100)
Volge	-1.11 [2.41] 6.27 [232.66]					0.25 [4727.00] -0.47[-3.84.2.20] -0.42 [3.62] 0.68 [4727.00] 0.00[0.01,0.12]*	-0.57 [1.67] 0.57 [4737.00]	-1.12 [2.01] 0:26 [2736.00]	-1.13 [2.01] 0.26 [4736.00]	-1.13 [2.41] 0.26 [2735.00]	-1.96 [2.01] 0.25 [4734.00]
V.Lorationisthesity	1.79 (0.64) 6-97 (4737.66)					2.15 (8.02) 0.02 [2727.00] -0.07[-0.81,8.00] -0.17 [0.30]	0.52 [0.01] 0.60 [4737.00]	1.94 [0.04] 0.07 [2736.00]	1.80 [8.04] 0.07 [4736.00]	[20.00] [20.00]	1.82 [0.04] 0.07 [0731.00]
V.J. and knowledge V.J. and knowledge	-0.18[-1.29,030] -0.32 [0.56] 0.75 [4337.06]						-0.31 [0.39] -0.31 [0.39] 0.71 [4737.00]	-0.33 [0.56] -0.33 [0.56] 0.74 [2736.00]	-0.34 (0.56) -0.74 (4736.00)	-0.31 [0.56] -0.31 [0.56] 0.33 [4335.00]	-0.30[-1.27(0.94] -0.29 [0.57] 0.77 [0734.00]
	0.77[-0.30,1.88] 0.38 [0.37] 0.38 [2737.00]					0.00(-0.07;0.92) 0.22 [0.39] 0.92 [0727:00] 0.07[-0.07;0.92]	-0.26 (0.40) -0.26 (0.40) 0.79 [4737.00]	0.79[-0.35,130] 1.36 [0.57] 0.37 [4736.00]	0.77[-0.36,1.89] 1.32 [0.57] 0.19 [4736.00]	0.79(-0.33,190) 1.35 [0.37] 0.39 [2735.00]	0.80[-0.32[.132] 1.40 [0.57] 0.16 [0734.00]
V.StorrType-lepartmentstore	0.77[-0.30,1.86] 1.37 [0.37] 0.37 [0.37]					0.07[-0.67,0.91] 0.29 [0.29] 0.85 [4727.60] 0.20[-0.61,0.85]	-0.56(-1.33,0.36) -1.44 (0.36) 0.35 (2737.00)	0.79[-0.33,1.89] 1.37 [0.37] 0.37 [2736.00]	0.75[-0.26,1.86] 1.33 [0.57] 0.28 [4726,00]	0.79[-0.35,1.67] 1.34 [0.37] 0.38 [2735,00]	0.77[-0.34,1.88] 1.36 [0.57] 0.17 [1734.66]
V_StoreTyperapremarket	0.72[-0.38,1.82] 1.30 [0.37]					0.30[-0.64,0.95] 0.27 [0.39]	-0.21[-0.97,0.36] -0.52 [0.39]	0.74[-0.37,1.85] 1.30 [0.37]	0.72[-0.29,1.83] 1.27 [0.57]	0.72[-0.38,1.82] 1.28 [0.37]	0.73[-0.28,1.84] 1.29 [0.57]
$Race ContRespNon-holl White V. \\ Decolar triggerettes$	0.29[-6.29,6.92] 0.09 [2.35]					1.66[-3.37,5.45] 0.46 [2.25]	-3.26(-7.35,1.36) -1.38 (2.32)	0.32[-6.25,6.88] 0.09 [3.25]	0.18[-6.29(6.74] 0.65 [3.15]	0.24[-0.33,630] 0.07 [3.35]	0.20 [2731.00] 0.20[-6.34/6.79] 0.07 [3.26] 0.06 [2731.00] -2.29[-8.27,3.90]
$Race ContResp White American V \mathcal{J} value to ignerate s$	-2.25[-9.43,3.92] -9.72 [3.15]					0.86 [225] 0.66 [2727.60] 3.17[-0.87.7.32] 1.50 [2.11] 0.13 [2727.60] -0.32[-1.90,3.80]	0.17 (2331.00) 0.72[-3.56,5.65] 0.33 [2.29]	-2.14[-8.31,4.04] -0.68 [3.15]	-221[-8.39(3.96] -221[-8.39(3.96] -020 [3.15]	-2.13[-8.31,1.66] -0.68 [2.15]	-2.29[-8.37,3.98] -0.39 [3.15]
Race Coat Resp. Non An White V. Perdue that decree supplies	6.27 (202.06) 1.27[-5.36,7.76] 9.35 (3.36)					0.13 [4727.60] -0.32[-4.90,3.86] -0.23 [2.23]	0.71 [2737:00] -4.77[-9.30,-9.24]* -2.07 [2.31]	0.50 [2736.00] 1.15[-5.37,7.68] 0.35 [3.33]	0.49 [4736.00] 1.64[-5.52,7.54] 0.30 [3.33]	0.50 [275.00] 1.04[-5.28,7.52] 0.31 [3.30]	0.29 [2731.00] 1.01[-5.32,7.54] 0.30 [3.31]
Race Coat Rep/White American V. Product has dwaren applies	6.73 [2137.66] 1.32[-4.65,7.36] 0.48 [3.15]					-0.52[-4.90,3.80] -0.23 [2.23] 0.82 [4727.00] 2.14[-2.01,6.29] 1.01 [2.11]	1.3.1 [and	0.73 [2736.00] 1.60[-4.57,7.78] 0.56 [3.15]	0.76 [2736.00] 1.45[-4.73,7.63] 0.46 [3.15]	6.00 (CEASE)	0.76 [2735.00] 1.52[-5:06[7:09] 0.48 [3.15]
Race Cost Resp. Now has White V. Provinct to the typoper	0.63 [207.00] 0.65[-5.65,7.36] 0.76 [2.75]					-3.92(-9.29(0.14)+ -1.76(71.95)	0.31 [2737.00] -5.37[-20.09, -1.00]*	0.61 [2736.00] 0.69[-5.92,7.20] 0.70 [3.70]	0.65 [4736.00] 0.66[-5.85,7.17] 0.70 [7.77]	0.62 [2735.00] 0.50[-5.92,7.00]	0.62 [2732.60] 0.62[-5.96,7.14]
Race ContRep White American V. Production between Expapers	6.80 [2127.00] -3.72[-9.79,3.33]					-176 [2.20] 0.09 [2727.00] 1.00[-2.015.09]	0.02 [2737.00] -3.34[-7.54,0.87]	6.94 [2736.00] -3.71[-9.27,2.85]	0.81 [4736.00] -2.85[-9.91,2.20]	0.86 [2735.06] -2.80[-9.86,2.26]	0.39 [222 0.85 [2732.00] -2.72[-9.79.2.34] -1.20 [2.09]
RaceContRepNonAnWhiteV.RacenameElfack	0.90 (2727.90) -3.72(-9.79,3.33) -1.21 (3.09) 6.23 (2737.00) 6.23 (273.00) 6.20 (-2.19,30.75) 1.30 (3.30)					0.62 [4727.60] 3.36[-1.38,7.36]	0.12 [2737.00] -2.50[-7.68,1.86]	6:23 [2736.00] 6:22 [-2:05,30.00]	0.21 [4736.00] 4.20[-2.27,10.66]	0.22 [2735.00] 4.32[-2.35,30.00]	0.23 [2731.00] 0.33[-2.12,16.82]
Rain Coat Brog/White American V Dannamer Ellack	6.19 [2727.00] 6.19 [2727.00] 2.25[-3.85,8.35]					0.00 [2727.00] 1.00[-1.04.5.00] 0.00 [2.02] 0.02 [2727.00] 1.04[-1.05.7.50] 1.05[-1.05.2.00] 2.05[-1.05.2.00]	-1.13 (2.29) 0.26 (2737.06) -2.12[-6.35,2.11]	0.18 [4736.00] 0.28 [4736.00] 2.34[-2.75,8.44]	0.20 [4736.00] 0.20 [4736.00] 2.17[-2.033.20]	0.29 [4735.00] 0.29 [4735.00] 2.20[-2.838.30]	0.22 [273100] 4.35[-2.12,10.82] 1.32 [2.30] 0.19 [273100] 2.27[-2.82,8.36]
Race Coat RespNoss has White V. Race resource Chinese	0.72 [3.11] 0.47 [4707.00] 2.00[-3.71,0.64]					1.39 [2.09] 0.16 [2727.60] 1.30[-3.20,5.79] 0.37 [2.29]	-0.98 [2.36] 0.33 [2737.06] -1.86[-6.53,2.77]	0.75 [3.11] 0.25 [2736.00] 3.00[-2.69,9.65]	0.70 [3.11] 0.29 [2736.00] 2.80[-3.75(3.56]	0.72 [2.11] 0.47 [4755.00] 2.95[-2.74,9.65]	0.73 [2.11] 0.27 [2732.00] 2.80[-3.76(8.62]
Rar-ContRep/White-American/V. Rarename/Chinese	6.96 (2.41) 6.39 (202.06) 2.39 - 3.75.8.37					0.37 (2.29) 0.57 (2727.00) 2.56(-1.29(6.01) 1.38 (2.07)	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		1	1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	0.96 [2.22] 0.39 [2732.00] 2.27[-3.76.8.39]
Race Coat RegNisa has White V. Race manuelle dans	0.71 [3.04] 0.06 [2727.00]					0.25 [4727.00]	-0.08 [2.14] 0.63 [2737.00]	0.77 [2:08] 0.44 [2736.00]	0.72 [2.07] 0.46 [2736.00]	0.76 (2.07) 0.45 (2735.00)	0.71 [1.06] 0.46 [2731.00]
RacCottleyWhiteAsseriesV, Raccouncilation	0.79 (3.30) 0.43 (4107.00)					-637 (2.26)	-1.31 [2.31] 0.29 [4737.00]	0.77 [3.33] 0.44 [2736.00]	0.75 [3.33] 0.45 [4796.00]	0.75 (235) 0.45 (235.00)	235[-336,38] 0.77 [3.28] 0.42 [2734,60] 286[-3.45,8.17] 0.99 [3.22] 0.17 [2734,60] -3.65[-9.43,1.35] -0.94 [3.25]
	0.87 [3.22] 0.39 [232.00]					0.71 [4727.66] 1.61[-2.63,5.84] 0.71 [2.16] 0.46 [4727.60]	-0.60 (2.20) -0.60 (2.20) 0.55 (2737.00)	0.89 [3.22] 0.39 [2736.00]	0.96 [3.22] 0.96 [3.22] 0.39 [4736.00]	0.87 (0.22) 0.35 (0.32)	0.89 [1.22] 0.87 [4734.00]
V.Productejgertter V.Rovname Ellark	-3.06[-9.44,3.32] -0.94 [3.25] 0.35 [2737.06]					0.46 [4727.60] 2.66[-1.65,6.96] 1.31 [2.26] 0.21 [4727.60]	-1.43(-5.89,3.60) -0.63 (2.38) 0.33 (2337.00)	-2.65[-9.33,3.43] -0.94 [3.25] 6.36 [4736.00]	-3.10(-9.48,3.28) -6.95 (3.25) 9.34 (4726,00)	-3.60[-9.39,3.37] -0.92 [3.35] 0.36 [2735.00]	-3.65[-9.43,3.33] -0.94 [3.25] 0.35 [4734.66] 2.64[-4.62,8.63]
$V_{\nu}Persive the element applies V_{\nu}Persive the element of their law to the element of the e$	1.96[-1.66,9.39] 0.56 [2.36] 0.56 [2777.06]					0.96[-2.53,5.06] 0.82 [2.26] 0.67 [4797.00]	-1.75[-6.41,2.86] -0.74 [2.38] 0.86 [2777.06]	1.99(-4.63,662) 0.38 (3.38) 0.56 (chas.66)	130 - 420,834 637 [336] 437 [476,60]	1.96[-1.67,8.36] 0.58 [3.36] 0.56 [3795.66]	2.61 - 2.62(4.63) 0.39 [3.36] 0.35 [3791.66]
$\forall J volustrilitgapes \\ \forall Raveause \\ Slink$	-0.32[-7.00,5.93] -0.16 [3.30]					0.20[-1.09,1.66] 0.13 [2.23] 0.90 [2727.66]	-1.31[-5.84,3.22] -0.57 [2.31]	-0.50[-7.01,5.94] -0.36 [3.36]	-0.57[-7.04,5.90] -0.17 [3.30]	-0.56[-7.66,5.86] -0.17 [3.36]	-0.32[-6.99,5.96] -0.36 [3.30]
V_ProductriguettesV_RecessardChinese	-3.00[-9.64,3.51] -0.96 [3.35]					0.50 [2727.00] -1.30[-5.82,3.10] -0.60 [2.27] 0.55 [2727.00] 1.00[-3.30,5.42]	-1.0(-6.11,3.14) -0.62 [2.36]	-3.11[-9.68,3.47] -0.81 [3.35]	-2.07[-9.64,3.50] -6.92 [3.35]	-3.10[-9.68,3.47] -0.90 [3.35]	-2.9(-9.723.11) -0.94 (3.35) 0.35 (2731.00) 1.30(-5.14,7.74)
$V_s Penducthandware supplies V_s Race manuel Chinese$	6.36 [2737.66] 1.26[-6.36,7.75] 6.39 [3.26]						-1.02(-5.94,3.69) -0.62 (2.30)	0.35 [2736.00] 1.30[-5.12,7.77] 0.40 [3.29]	0.36 [2736.00] 1.20[-5.21,7.67] 0.37 [3.29]	0.35 (233.00) 1.26[-5.17,7.72] 0.39 (3.26]	0.35 [2731.00] 1.30[-5.14,7.74] 0.40 [1.26]
$V_{i}Productiviletpaper\\V_{i}Racenamet\\Chinese$	6:70 [2737.06] -1.65[-9.06,4.76] -0.56 [3:27]					0.63 [d727.60] -1.72[-0.06(2.63] -0.77 [2.23] 0.64 [d727.60]	-132[-9.65,-9.65]* -132[-9.65,-9.65]*	0.69 [2736.00] -1.72[-8.13,449] -0.33 [3.27]	0.71 [2736.00] -1.90[-9.20,640] -0.55 [3.27]	0.70 [2735.00] -1.81[-8.22,1.60] -0.55 [3.27]	0.69 [2731.00] -1.81[-8.24,457] -0.36 [3.27]
V.ProductriguettesV.Roomanefledina	6.61 [2737.00] 3.12[-3.47,9.71] 6.70 [3.36]					0.11 -4.35,4.58	0.65 [2337.00] 0.23[-0.40,0.85] 0.10 [2.36]	0.60 [2736.00] 3.13[-3.46,972] 0.30 [3.36]	0.58 [4736.00] 3.14[-3.45;3.72] 0.00 [3.36]	0.58 [2755.00] 3.14[-3.45,9.73] 0.92 [3.36]	0.00 (2731.00) -1.82[-8.21,4.57] -0.36 (232.00) 0.37 (2731.00) 3.14[-3.25,9.72] 0.30 (3.36)
$V_{\nu}Persise the element point V_{\nu}Persise the element point Persis P$	6.35 [2127.06] 2.84[-3.71,9.45] a.95 (2.95]					0.96 [4727.60] 1.67[-2.76;6.16] 0.71[7.76]	0.92 [2737.00] -1.00[-5.62,3.55] -0.01 [7.76]	0:35 [2736.00] 2:00[-3:47;0:26] 0:37 [3:35]	0.35 [2736.00] 2.82[-3.76(8.38] 0.86[7.95]	0.35 [2735.00] 2.87[-3.79,9.44] 0.96 [7.95]	0.35 [1731.00] 3.00[-3.57,9.56]
$V_{p}Perchettolletpaper\\V_{p}Raceannelladian}$	6.00 [2737.00] 1.05[-5.35,7.66]					0.26 [2727.00] -2.22[-6.76(2.26]	0.66 [2737.00] -0.25[-1.80,1.30]	0.39 [2736.00] 0.95[-5.66,7.55]	0.80 [4236.00] 1.60[-3.56,7.65]	0.39 [2735.00] 0.92[-5.64,7.32]	0.37 [2734.00] 1.11[-5.29[7.72] 0.33 [3.37]
RawContRepNonAuWhiteV.ProductiquettesV.RawannefElak	6.75 [2727.06] -0.36[-9.75,6.99]					0.71 [2.26] 0.36 [2727.00] -2.22[-6.76,2.26] -6.37 [2.26] 0.31 [2727.00] -6.23[-12.57,6.16]+	-0.10 (2.37) 0.92 [2737.00] 3.35[-3.22,9.94]	0.28 [2736.00] -0.62[-9.99,8.75]	0.31 (2.31) 0.76 (4736.00) -0.26(-0.63,0.11)	0.29 (0.32) 0.37 (2335.00) -0.00(-0.863.80)	0.74 [4734.00] -0.47[-0.84,830]
$Rare Coat Rep White American V \\ \mathcal{F} volunt rigger (tes V) \\ Raremann e Effack$	-0.09 [429] 0.94 [4207.00] 1.425-7.39.3924]					0.05 [ET2T.00] -6.90[-12.92,-0.90]*	1.00 (3.35) 0.32 (2337.00) 0.95(-5.18.7.09)	-0.13 [4.79] 0.90 [2736.00] 1.20[-7.54.10.00]	-695 [479] 9.96 [4736.00] 1.53[-7.24.16.29]	-0.10 [4.76] 0.92 [4735.00] 1.32[-7.45.39.09]	0.12 [231.00] -0.47[-0.843.50] -0.00 [479] 0.02 [2731.00] 1.30[-7.41.00.13]
RaceCost BropNonAntWhiteV Productions based on exception V Raceman efficie	1.47[-7:30,10.24] 0.33 [4.47] 0.74 [4137.06]						0.30 [3.32] 0.36 [2737.00] 4.175-7.49.30.75	0.27 [4.47] 0.29 [4236.00] -2.00[-12.92.6.00]	0.36 [4.67] 0.72 [4736.00]	0.30 [2.27] 0.37 [233.00]	0.30 [4.47] 0.76 [4734.60]
RacContRepWhiteAsseriesaV.Production/surreappliesV.Racmassefflask	6.74 [2727.06] -2.79[-12.19,6.60] -0.56 [2727.06] 6.56 [2727.06]					0.02 [2727.00] -2.81[-9.21,1.53] -0.87 [3.25] 0.38 [2727.00]	1.22 [1.37] 0.22 [4737.00]	-0.61 [4.79] 0.54 [4736.00]	-0.56 [4.79] 0.58 [4736.00]	-0.56 [4.79] 0.56 [4735.00]	-0.58 [4.79] 0.56 [4734.00]
	-3.86[-12.76,5.65] -9.85 [45.6] 6.20 [4737.86] -2.96[-11.62,7.36] -9.45 [4.82]					-200(-9.11,300) -0.07 [200] 0.50 [2727.00] 1.51[-4.90,700] 0.60 [3.20]	0.56 [E37.06] 0.56 [E37.06]	-0.86 [4.54] 6.39 [4736.06]	-6.81 [4.54] 0.40 [4796.00]	-0.85 [4.54] 0.40 [4755.00]	-6.85 [4.54] 6.80 [4734.60] -2.00[-11.52,7.00] -6.43 [4.80]
$Race ContRespNonAnWhite V. \\ Product to detpope V. \\ Race name fillink$	-0.05 [4.92] -0.05 [4.92] 0.65 [4707.00]					0.46 [3.26] 0.46 [4727.00]	5.40(-1.17,12.00) 1.61 [3.38] 0.31 [4737.00]	-0.41 [4.82] -0.41 [4.82] 0.00 [4736.00]	-0.41 [4.82] -0.41 [4.82] 0.69 [4736.00]	-0.01 [0.82] -0.03 [0.82] 0.08 [0.00]	-0.43 [4.92] -0.43 [4.92] 0.67 [4734.00]
Race ContReqWhite American V. Penduett siletpaper V. Raceman ellifork.	2.22[-6.52,90.69] 0.50 [4.47] 0.62 [4337.06]					0.86 [329] 0.62 [3727.00] -2077-7.993.30] -0.09 [3.02] 0.39 [3727.00] -0.09 [3.30] 0.92 [4727.00] -0.12[-0.323.30] -0.12[-0.323.30]	2.63[-3.51,8.96] 0.84 [3.53] 0.40 [4537.06]	2.29[-6.56,10.65] 0.29 [4.27] 0.62 [2736.00]	2:34]-4:41,11.16] 0:32 [4:47] 0:60 [4736:00]	2.29(-6.27,11.64) 0.51 [2.27] 0.61 [2735.06)	2.18[-6.58,10.93] 0.49 [4.47] 0.62 [4734.00]
Race Coat Resp. Non-Ant White V. Product signer tree V. Race name f. Chinese	1.00[-2.63,11.47] 0.39 [4.97] 0.69 [4737.00]					-6:29[-6:75,6:18] -6:09 [3:30] 6:90 [4727.00]	3.72[-2.96,30.42] 1.09 [3.42] 0.27 [4737.06]	1.90[-7.64,11.45] 0.39 [4.97] 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] 0.49 [4735.00]	2:00[-7:55,11:54] 0:41 [4:87] 0:49 [4734.00]
Race Coat Resp. White American V. Productivity section V. Racemann of Chinese	0.69 [2737.66] 3.43[-5.41,12.27] 0.76 [4.54] 0.75 [7777.66]					-0.14[-6.13,5.55] -0.14[1.06] 0.00 [4777.00]	0.15[-0.06,6.36] 0.05 [3.17] 0.76 [7777.07]	3.42[-3.42,12.36] 0.76 [4.51] 0.75 [4776.66]	3.36[-5.45,13.22] 0.35 [4.51] 0.45 [479605*	3.39(-5.45,12.23) 0.75 [4.54] 0.45 [4775.06"	2.53[-5.21,12.27] 0.78 [2.51] 0.71 [2770.00]
Race Cost Resp. Non-Nat White V. Product hardware applies V. Race annual Chinese	-0.22[-12.76,6.32] -0.66 [4.87]					-0.55 [1.26] -0.55 [1.26]	3.30[-3.38,9.86] 0.97 [3.41]	-0.00[-12.80,624] -0.00 [4.87]	-3.16[-12.64,6.44] -0.64 [4.87]	1-300 [1-37] (1-30) (1-	-2.09(-12.63,6.25) -0.63 [4.67]
Rase ContRep White American V. Producthard wave supplies V. Recemant Chinese	+31 [2727.00] -0.80[-9.71,7.93] -0.20 [4.50]					-0.55 [3.29] 0.58 [2727.60] -1.02[-6.99,1.96] -0.33 [3.65]	0.32 [2737.00] 0.32 [3.36] 0.32 [3.36]	-0.50 [2738.00] -0.51[-9.71,7.91] -0.20 [4.50]	4.32 [278-80] -6.96[-9.66(7.96] -6.19 [4.36]	-0.30 [2733-00] -0.80[-9.71,7.80] -0.20 [4.30]	0.53 [4731.00] -0.81[-9.63,8.01] -0.38 [4.50]
$Rase ContRespNessAmWhiteV_{\mathcal{F}} coduct to detpaper V_{\mathcal{F}} Rasename Chinese$	-185[-1133,784] -185[-1133,784] -038 [484]					-0.22 [2.00] 0.72 [2727.00] 4.94[-1.50,31.27] 1.50 [3.29]	6.36[1.59,14.94]* 2.43[1.46]	-0.84 [0738.00] -1.64[-11.13,7.85] -0.34 [4.84]	-1.56[-11.05,7.92] -0.32 [4.84]	-0.50 [4.60] -0.00 [4.60]	- 86 [2731.00] -1.52[-11.01,7.97] -0.31 [1.82]
Rare Coat RegWhite American V. Productt siletpaper V. Rarename Chinese	6.70 [252.00] 1.30[-7.20,0000] 9.30 [4.20]					0.11 [2727.00] 0.10 [-2.00] 0.31 [2.02] 0.35 [2727.00]	8.62 [2737.66] 8.62[2.05,14.76]*** 2.75 [3.18]	0.73 [2736.00] 1.40[-7.34,10.14] 0.31 [4.46]	0.75 [2736.00] 1.62[-7.10,10.29] 0.37 [4.06]	0.76 [2735.00] 1.60[-7.51,30.35] 0.36 [2.46]	0.75 [2731.00] 1.62[-7.12.16.27] 0.36 [1.36]
Race Cost Resp. Non-AmWhite V. Product riggs with eV. Race name finding.	6.76 [232.06] -1.33[-11.22,7.35] -6.36 [4.84]					0.75 [4727.60] -2.75[-9.18,3.68] -0.84 [3.28]	0.01 [2737.00] 2.29[-0.38.850] 0.67 [0.40]	0.75 [2736.00] -1.80[-11.33,7.64] -0.38 [4.84]	0.71 [4736.60] -1.64[-11.13,7.84] -0.31 [4.84]	0.72 [2735.06] -1.75[-11.24,7.73] -0.36 [4.84]	0.72 [2731.00] -1.74[-11.23,7.74] -0.30 [4.84]
Race ContRep White American V. Product riguest treV. Race name fladian	6.72 [237.06] L00[-7.56,9.56]					0.00 [2727.00] -2.31[-9.023.71] -0.76 [3.30]	0.50 [2737.00] -0.17[-6.47;6.33]	0.70 [2736.00] 0.90[-8.06,5.87]	0.72 [4736.00] 0.96[-8.02(8.93]	0.72 [2735.00] 0.80[-0.00,0.86]	0.72 [0730.00] 0.80[-8.11,9.84]
Race Cost Reg Non An White V. Product hardware applied V. Race name find in	0.22 [4.38] 0.83 [4327.00] 0.20[-0.21,9.62]					-626 (3.16) 6.45 (4737.66) 1.42 (-4.94,7.77)	-0.05 [3.21] 0.36 [2737.06] 4.72[-1.86,11.30] 1.41 [3.36] 0.36 [2737.06]	0.90[-8.08(87) 0.20 [4.58] 0.81 [2736.00] 0.27[-9.34,568] 0.06 [4.80] 0.96 [2736.00]	0.21 [428] 0.82 [4736.00] 0.2[-9.04,8.79]	0.19 (438) 0.85 (435.00) 0.39(-9.03,9.79)	0.59 [2732.00] 0.65 [2732.00] 0.41[-8:30(8:82]
Rare Coat Reg/White American V. Producthard surroupplier V. Rare manufaction	0.01 [430] 0.97 [432.06] -3.96[-12.79,4.87]					0.45 [4727.00] 1.42[-4.94,7.77] 0.44 [1.24] 0.66 [4727.00] -2.14[-8.16,3.82]				0.56 [275.06] -3.52[-22.77,4.89]	0.09 [4794.00] 0.93 [4794.00] -4.06[-12.09,479]
RacContRepNonAuWhiteV.ProductioletyspeeV.Racconnediadan	-0.88 [450] 0.38 [4507.00] -1.45[-0.85,7.84]					-670 [102 0.08 [2727.00] 140[-1.77,1036]	1.21 (3.15) 0.23 (437.00) 6.54[-0.06,13.14+	-0.90 [4.56] 0.37 [2736.00] -1.24[-10.64,8.15] -0.26 [4.76]	-6.85 [438] 0.39 [4796.00] -1.22[-10.61,8.18] -6.25 [479]	-6.87 [4.50] 6.38 [475.66] -1.12[-90.32,8.26]	-0.50 [4.50] 0.37 [4734.00] -1.23[-10.63,8.16]
RacCostRepWhiteAsseriessV.ProbettslitpaperV.Racrassellinkas	626 [222.00]					1.42 [3.25] 0.36 [4727.00] 1.20] - 2.44 7.07	1.21 (3.15) 0.21 (2121.06) 0.54 (-0.06,13.14)+ 1.94 (3.27) 0.65 (2137.06) 1.61(-2.65.938)	-0.26 [4.79] 0.80 [2736.00] 1.80] -6.76 10.667	0.80 [4736.00]	6.54 [FTEC.60] -2.57 [-2.77, 1.59] -3.57 [-2.57, 1.59] -3.57 [-2.50] -3.27 [-2.50] -3.27 [-2.50] -3.27 [-2.50] -3.27 [-2.50] -3.27 [-3.50] -3.27 [-3.50] -3.27 [-3.50] -3.27 [-3.50] -3.27 [-3.50] -3.27 [-3.50] -3.27 [-3.50]	-0.26 [4.79] 0.80 [2734.00] 1.87[-7.96 to 69
	0.42 [4.55] 0.68 [4737.06]					0.29 [2.09] 0.79 [2727.00]	1.12 [3.26] 0.26 [2737.06]	-0.36 [279] 0.90 [2736.00] 1.97]-6.96,20.90] 0.42 [4.35] 0.47 [2736.00] -0.02[-0.08,0.00]+	0.41 [4.55] 0.61 [4.55] 0.66 [4736.00]	0.45 [4.55] 0.45 [4735.06]	0.41 [4.55] 0.68 [4734.00]
CCOstor-Self		-0.02[-0.08,0.05]+ -1.72 [0.02] 0.09 [2788.00]		-0.03[-0.07,0.02] -1.39 [0.02] 0.23 [4797.00]	-0.64[-0.04,0.03] -1.52 [0.02] 0.13 [2764.00]			-0.02[-0.00,0.00]+ -1.90 [0.02] 0.00 [2736.00]		-0.00[-0.00,0.00] -0.02 [0.00] 0.36 [0735.00]	-0.64[-0.05(0.06]+ -1.28 [0.02] 0.07 [2731.06]
TOOkley feelf			-0.02[-0.08,0.00]+ -1.80 [0.02] 0.07 [4788.00]	-0.03(-0.07,0.03) -1.32 [0.03] 0.39 [2797,00]	-1.52 [0.02] 0.13 [276.00] -0.02[-0.08,0.02]+ -1.65 [0.02] 0.10 [276.00]				-0.64[-0.08(8.06]+ -1.73 [8.02] 0.08 [4736.00]	-0.00[-0.07,0.00] -0.14 [0.00] -0.24 [0735,007	-0.60[-0.00(0.01) -1.57 (0.02) 0.12 (0730.00)
CCOsley SelfFCOsley Self					0.00(0.00,0.00) 1.16 (0.00)						0.00(0.00,0.00) 1.28 [0.00] 0.29 [0731.00]
SD (Intercept ID) SD (Observations)	5.75 5.67	5.72 14.69	5.68 14.70	5.70 14.69	5.69 14.70	5.76 9.52	6.86 9.35	5.28 14.66	5.74 14.67	5.76 1647	5.75 14.67
Num Ote. E2 Marg. E2 Cmd.	6912 6312 6314 29724.0 401611 6.1 1108	6.005 6.005 6.132 2016.7 2016.7	0.000 0.000 0.331 20.941.5 20.967.4	2790 0.061 0.132 28927.8 2890.2	2792 0.001 0.131 20000.7 20000.5	2792 0.611 0.276	6309 6309 6327 36326.4 36702.5 6.3 9.30	696 686 6.146	4792 0.063 0.144	2792 6313 6345 29758.7 49127.8	0.001 0.105 0.105 0.105 0.106.8
AIC BIC	29748-0 40104.1	20 MI. 7 20 MI. 6	20 MIL 5 20 MIL 4	20.847.8 20.800.2	20100.7 20100.5	35.996.2	36346.4 36702.5	99732.3 80114.8 6.1 14.67	49 115.5	29758.T 40127.8	29771.3 20126.8
EASE p.volor, (E.voro)	11.08	0.1 14.18	0.1 14.29	6.1 14.18	6.1 14.18	9.3 9.02	120	12.07	6.1 14.08	0.1 14.67	6.1 14.07
p.value, (diferent) t. [stalemns] Extinate [SCintilaternal]											

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

Table 2.23: Model H2b-2

latencept)	MW C path -243[-5.963.73]	-2.66[-3.29,-2.84]***	-2.61[-3.27,-2.60]***	MW R3 path -240(-3.23,-1.96)***	MW B1 path -328(-439,-237)***	3.473.155.867**	329(884,573)** 2.64 [1.25]	-2.50(-5.86,0.87)	-2.51[-5.87,0.86] -1.46 [1.72]	-244-580,090	-2.42[-5.7] -1.41 [1.
Lore Cont Resp. Non Ans White	-263[-5.998.73] -1.51 [1.71] 0.12 [4742.00] -1.10[-5.91.3.55] -0.49 [2.11] 0.63 [4742.00]	-8.00 [4788.00] 0.00 [4788.00]	- 8.22 [0.22] 0.00 [2798.00]	-882 [0.22] 0.00 [4787.00]	-5.78 [0.57] 0.00 [2778.00] 1.20[-0.37;2.86] 1.51 [0.82] 0.12 [2778.00]	2.47(1.15,5.86)** 2.92 (1.18) 0.00 [£12200] 0.31[-2.97,1.58] 0.18 [1.67] 0.85 [£12200] -2.26[-5.36,0.83]	2.64 [1.25] 0.01 [2742.00] 2.81[-1.43,5.46]	-1.05 (1.72) 0.15 (2741.00) -1.17(-5.90,3.57)		-2.22 -5.80,0.90 -1.42 1.72 0.14 2720.00 -1.12 -5.85,3.61	0.16 [2735
Lace Coad Streep White Assertions	-0.29 [2.23] 0.63 [2722.00] 0.00]-4.48,4.27]				1.51 [0.82] 0.12 [2778.00] 0.82[-0.00,2.33]	0.18 [1.67] 0.85 [2722.00] -2.26[-5.36,0.80]	1.15 [1.76] 0.25 [2712:00] 0.58[-2.68,3.83]	-0.08 [2.03] 0.63 [2741.00] -0.08[-4.56,4.29]	-0.46 [2.41] 0.64 [2711.00] 0.01[-1.46,0.00]	-0.46 [2.41] 0.64 [2700.00] -0.05[-4.53,4.42]	-0.47 2: 0.64 2735 -0.04 -4.52
Productionarties	0.00 [2.26] 1.00 [2722.00] 0.50[-3.945.12]				1.06 [0.77] 0.29 [2778-00]	-1.43 [1.58] 0.15 [4742.00] -0.02[-3.06.3.02]	0.00 [abzusio] 2.01[-1.05.00] 1.15 [1.16] 0.15 [1.16] 0.25[-2.05.1.80] 0.25 [1.06] 0.25 [1	-0.01 [2.29] 0.97 [2711.00] 0.39(-3.915.12]	0.00 [2.29] 1.00 [2711.00] 0.61[-2.92.5.14]	0.16 [2700.00] -1.12[-5.85.3.61] -0.46 [2.15] 0.61 [2700.00] -0.05[-2.53.4.42] -0.02 [2.26] 0.06 [2700.00] 0.09 [2700.00] 0.09 [2700.00] 0.09 [2700.00]	-0.02 [2. 0.99 [2735 0.025-3.50.
Proletholmeranies	0.26 [2.31] 0.80 [2722.00] 0.771-0.995.33					-0.02 (1.55) 0.99 [2722.00] -0.00[-2.013.20]	0.54 [1.60] 0.58 [2742-00] 1.66-1.97.5 (60)	0.25 [2.30] 0.80 [2741.00] 0.00[-2.07.5.31]	0.26 [2.35] 0.79 [2751.00] 0.79[-2.93.5.00]	0.26 [2.35] 0.90 [2720.00] 0.75[-2.97.5.36]	0.27 2.1 0.79 2736 0.70C-2.01
Productiohtpaper	0.31 [2.35] 0.76 [2722.00]					-0.52 (1.58) 0.60 (2722.00)	1.15 [1.60] 0.25 [2712:00]	0.29 [2.35] 0.77 [4741.00]	0.33 [2.35] 0.71 [2711.00]	0.75 (4740.00)	0.30 [2.3 0.77 [4736
Reman film	0.06 [2.29] 0.65 [2722.00]					0.30 [1.54] 0.76 [4742.00]	1.10 [1.58] 0.27 [2712:00]	0.47 (2.29) 0.61 (4741.60)	0.48 [2.29] 0.63 [2711.00]	1.11 -3.38.5.66 0.48 220 0.62 270000 -1.79 -6.29.272 -0.78 2.30 0.41 2700.00 -1.34 -5.78.3.16 -0.55 2700.00	0.46 [2.5 0.65 [270
Accountlist	-0.77 [2.36] -0.77 [2.36] 0.44 [4742.00]					-1.00 [1.54] -1.00 [1.54] 0.32 [4742.00]	0.51 [1.50] 0.61 [271200]	-0.79 [2.30] -0.23 [4741.00]	-0.76 (2.30) -0.55 (2701.00)	-0.79 [2.30] -0.51 [2700.00]	-0.79 2. 0.44 4735
Armaritan Armarian	-0.56 [2.26] -0.58 [2722.00]					-1.90(-1.91,1.13) -1.22 (1.92) 0.22 (4742,00)	-0.14 [1.57] 0.80 [274200]	-0.58 [2.26] -0.55 [4741.00]	-0.57 [2.26] 0.57 [2711.00]	-0.59 [2.29] -0.55 [2710.00]	-0.56 [2738
	-2.79[-7.51,1.93] -1.16 [2.43] 9.25 [4742.00]					-0.56[-3.92,2.66] -0.47 [1.61] 0.61 [2722.00]	-0.39 [1.67] -0.39 [1.67] 0.56 [2742-05]	-2.92[-7.54,1.90] -1.17 [2.41] 9.24 [4741.00]	-2.83[-7.55,1.88] -1.38 [2.41] 0.24 [2741.00]	0.55 [2700.00] -2.84 [-7.54,1.87] -1.18 [2.41] 0.21 [2700.00] 0.21 [-6.36,6.77] 0.06 [3.25] 0.06 [2700.00] -2.35 [-8.53,3.83] -0.74 [3.15] 0.46 [2700.00]	-2:90[-7:61 -1:29 [2: 0:23 [4739
$ner Contlibesp Non And White V_p Product eigenettes$	0.25[-6.31,6.92] 0.07 [3.35] 0.94 [4742.00]					-0.17 [1.61] 0.61 [272200] 1.00[-3.22,5.09] 0.08 [2.25] 0.63 [272200] 3.06[-1.06,7.22] 1.06 [2.11] 0.15 [272200]	-1.19[-7.73,1.30] -1.37 [2.32] 0.17 [2742.00]	0.29[-6.27,6.95] 0.09 (3.25] 0.93 [4741.00]	0.15[-6.21,6.72] 0.65 [2.35] 0.96 [2721.00]	0.06 [3.35] 0.06 [3.35] 0.06 [2700.00]	0.29(-6.27, 0.96 (2.2 0.95 (2.28)
nerContRespWhiteAmericanV_Productsignerties	-2.46[-8.63,3.72] -0.78 [3.15] 0.44 [4742.06]					3.08[-1.06,7:22] 1.46 [2.11] 0.15 [2722,00]	0.71[-3.57,4.98] 0.32 [2.18] 0.75 [2742.00]	-2.35[-8.53,3.83] -0.75 [3.15] 0.06 [4741.00]	-2.42[-9.59,3.76] -0.77 [3.15] 0.44 [4741.00]	-235 -852,350 -071 [235] 0.05 [2700.00]	-2.41[-8.56 -0.76 [3. 0.44 [4706
$ace ContRespNonAndWhite V_p Product hardware supplies.\\$	1.00[-5.51,7.50] 0.30 [3.30] 0.76 [4742.00]						-166[-9.18,-0.14]* -2.62 [2.31] 0.04 [4742.00]	1.00(-5.53,7.52) 0.30 (3.30) 0.76 (4741.00)	0.85(-5.67,7.96) 0.26 (3.33) 0.80 (2711.00)	0.89[-5.64,7.65] 0.27 [3.83] 0.79 [2700.00]	0.85(-5.68 0.25 (3.1 0.80 (472
as Contibe p White American V. Product hardware supplies	1.43[-4.74,7.61] 0.06 [3.15] 0.65 (effection)					-021 [223] 0.91 [272200] 2.02[-2.12,0.16] 0.96 [2.11] 0.31 [272200] -1.00[-2.35,0.30]	-2.25[-6.53,2.00] -1.00 [2.18] 0.00 [07/2.00]	1.51[-1.67,7.68] 0.48 [3.15] 0.69 [4.15]	1.36(-4.82,7.53) 6.43 (3.15) 6.47 (ctr) 667	0.46 [2700.00] 0.88[-5.64.7.45] 0.27 [3.35] 0.79 [2700.00] 1.48[-4.74.7.65] 0.45 [3.15] 0.65 [2700.00] 0.43[-4.07,6.95]	0.45 (3.1 0.45 (3.1
$ee Contibes p Non An White V_Product to ill et paper$	0.00[-5.81,7.19] 0.21 [3.31]					-1.00(-8.36,0.36)+ -1.60 [2.22]	-5.53[-10.04,-1.02]* -2.40 [2.30]	0.50[-5.97,7.03] 0.36 [3.32]	0.50[-6.00,7.00] 0.15 [8.32]	0.23[-6.07,6.93] 0.13 [3.22] 0.00 [2720.000	0.46[-6.04
$secContRespWhiteAnseisunV_Product to let paper$	-374[-979;232] -121[3:09]					1.05[-3.01,5.11] 0.51 [2.07]	-3.31[-7.51,0.88] -1.55 [2.14]	-3.71[-9.74,2.33] -1.20 [3.09]	-3.85[-9.84,2.20] -1.25 [3.00]	0.13 [3.32] 0.90 [2710.00] -3.81] -9.86,224 -1.23 [3.00] 0.22 [2710.00] 4.31] -2.36,38 [38] 0.39 [2710.00] 2.00[-4.00,35] 0.67 [3.11]	-374 -9.7 -1.21 3
ceContRepNonAuWhiteV.Racenouedflink	0.23 [2722.00] 4.27[-2.29,10.71] 1.29 [3.30]					0.61 [2722.00] 3.39[-1.15,7.52] 1.44 [2.20]	0.12 [271200] -2.53[-7.01,1.95] -1.11 [2.29]	0.23 [2711.00] 4.00[-2.07,10.97] 1.33 [3.30]	0.21 [2711.00] 4.19[-2.28,18.65] 1.27 [8.30]	0.22 [2710.00] 4.31]-2.16,18.78] 1.31 [3.30]	0.23 [273 4.32]-2.15 1.31 [3.
erContRepWhiteAmericasV_Racenamefflink	6.20 [4742.60] 2.10[-4.00,8.19] 9.67 [3.11]					0.15 [2722.00] 2.81[-1.27,6.90] 1.35 [2.06]	0.27 [27(230)] -2.11[-6.35,2.11] -0.88 [2.15]	0.18 [d741.60] 2.39[-3.90,8.28] 0.79 [3.11]	0.20 [2711.60] 2.01[-4.06,8.11] 0.65 [3.11]		0.19 (273 2.30(-4.0) 0.67 (3.
$secContRespNonAnWhiteV_RacennueChinese$	0.50 [2722.00] 282[-3.76(8.61] 0.86 [3.41]					0.18 [2722.00] 1.20[-3.25,5.78] 0.54 [2.29]	0.33 (2742-00) -1.82[-6.46,2.82] -0.77 (2.37)	0.28 [2721.60] 2.87[-3.71,9.66] 0.87 [3.40]	0.52 [2711.00] 2.89[-2.81,9.56] 0.84 [3.41]	0.50 (2720.00) 2.93(-2.74,9.63) 0.96 (3.43)	0.50 (z22 2.90(-3.79 0.85 (3.
erCoatReqWhiteAsseriesaV _p Racessase/Chinese	0.29 [2722.00] 2.00[-3.94,8.11] 0.68 [3.07]					-1400(-3-0.30) -101 -130 [220] -130 [220] -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -120(-3-0.51) -140(-3-0.51) -1			9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.50 [2700.00] 283[-2.76,9.61] 0.50 [3.11] 0.30 [2700.00] 233[-2.50,8.15] 0.40 [240] 0.40 [2700.00] 252[-2.00,9.00]	0.00 (a73) 2.00(-3.96 0.67 (3.96
orCoxtRepNonAnWhiteV_RucenameEndian	0.50 [2722.00] 2.62[-3.86(3.15] 0.70[7.00]					0.23 [272.00] -0.77[-5.15.160]	0.62 [2742.00] -2.91[-7.43,1.60]	0.18 [2711.00] 2.30[-3.93,5.11]	0.50 [2711.00] 2.53[-2.90,0.05]		0.50 julis 2.57 julis
crCostRepWhiteAsseriosaV_Raceasseffadias	0.19 (3.30) 0.43 (4742.00) 2.79[-3.52(6.00)					-0.35 (2.22) 0.72 (4742.00) 1.60(-2.50,5.85)	-1.26 [2.31] 0.21 [2712.00] -1.30[-5.67,3.06]	0.19 (0.30) 0.41 [4741.60] 2.80[-3.46,9.14]	0.55 [2711.00] 0.45 [2711.00] 2.75[-2.55,9.06]		0.17 (3. 0.44 (47) 2.84(-3.44
ProductiquettesV Barraumelliack	0.39 [2722.00] -3.02[-9.40,3.30]					0.76 [2.15] 0.45 [2722.00] 2.30[-1.60,7.01]	-0.38 [2.20] 0.56 [2742-00] -1.29[-5.85,3.06]	0.38 [2] 21.00] -2.02[-9.30,3.00]	0.98 [3.21] 0.39 [2711.00] -3.00[-9.43,332]	0.25 [2720.00] 2.80[-2.50.9.10] 0.87 [3.21] 0.38 [2720.00] -2.87[-9.35.3.42] -0.50 [3.25] 0.36 [2720.00] 1.61[-5.00.8.25]	0.89 (2 0.38 (23) -2.02(-9.
Production-busesuppliesV Racesamediliask	-0.93 [3.25] 0.35 [4742.00] 1.62[-4.95;8.23]					1.23 [2.26] 6.22 [4742.66] 6.86[-3.61,5.36]	-0.61 [2.27] 0.54 [271230] -1.67[-6.32,2.96]	-0.90 [3.25] 0.37 [4741.00] 1.65[-4.97,8.26]	-0.96 [3.25] 0.25 [2711.00] 1.59[-5.03.8.20]	-0.91 [3.25] 0.36 [2720.00] 1.61[-5.00,8:23]	-0.92 [1 0.35 [473 1.66]-4.90
PrinksttsiletpapesV Racename@hak	0.48 [3.37] 0.63 [4742.00] -0.29-6.726.22					0.38 [2.29] 0.70 [4742.00] 0.42[-3.95.4.80]	-0.70 [2.37] 0.46 [2742.00] -1.271-5.80.3.26]	0.29 (3.37) 0.63 [2741.00] -0.25(-6.72.6.22)	0.47 [3.37] 0.61 [2711.00] -0.29 - 6.76.6.18]	0.44 (4.44)	0.29 (3 0.62 (43) -0.24(-6.)
ProductriguetterV-Racessaud/Chinese	-0.08 (3.36) 0.94 [4742.00]					0.19 (2.22) 0.85 [4742.00]	-0.55 [2.31] 0.58 [2712:00]	-0.06 (3.30) 0.94 [4741.00]	-0.09 [2.30] 0.92 [2711.00]	-0.09 [2.30] 0.92 [2710.00]	-0.07 [70 [10.0
ViolathachinerapplesV.ReenaneChinese	-0.95 [3.35] 0.31 [4742.00]					0.22[-2.56,4.86] 0.18 [2.29] 0.58 [17 2.00] -0.64 [2.27] 0.58[-2.15,5.2] 0.38 [-2.15,5.2] 0.38 [-2.15,5.2] 0.39 [2.29] 0.49 [212,00] -1.72[-6.05,2.06] -0.79 [2.29] 0.20[-2.24,1.72] 0.12 [2.29] 0.21 [2.20] 0.21 [2.20] 0.21 [2.20] 0.21 [2.20] 0.21 [2.20] 0.21 [2.20] 0.21 [2.20]	-0.67 [2.36] 0.58 [2712.00]	-0.97 [3.35] 0.33 [4741.00]	-0.96 [3:35] 0:31 [2711.00]	020 [1700] 020 [1700] 030 [1700] 030 [1700] 031 [1700] 032 [1700] 033 [1700] 033 [1700] 035 [1700] 035 [1700] 035 [1700] 037 [1700] 048 [1700] 049 [1700] 040 [1700] 040 [1700] 040 [1700] 040 [1700] 041 [1700] 041 [1700] 042 [1700] 043 [1700]	-0.86 0.33 47
Volution branchippin V. Europain V. Same Volutiolistan V. Ramana Chine	0.32 [3.26] 0.75 [4742.00]					0.40 [2.22] 0.40 [272.00]	-0.64 [2.30] 0.52 [2742-00]	0.32 (3.28) 0.74 (4741.00)	0.31 [3.29] 0.31 [3.29] 0.76 [2711.00]	0.32 [3.29] 0.75 [2710.00]	0.32 (3 0.75 (a2)
ProductiolotpaperV_BarrasandChinee ProductrigantinsV_BarrasandIndian	-0.48 (3.27) -0.48 (3.27) 0.63 (4742.00)					-0.79 (2.22) 0.43 (4742.00)	-155[-9.85,-0.60]* -1.98 [2.30] 0.05 [2712:00]	-1.63(-8.03,4.77) -0.58 [3.27] 0.62 [4741.00]	-0.52 (3.27) -0.60 (2711.00)	-0.53 [3.27] -0.68 [2710.00]	-175[-8.1 -0.54]: 0.59 [47]
	334[-324,93] 1.00 [336] 6.32 [4742.00]					0.36[-4.29,4.72] 0.12 [2.27] 0.91 [4742.00]	0.27[-4.35,4.99] 0.11 [2.36] 0.90 [2742.00]	3.36(-3.22,9.94) 1.00 (3.36) 0.32 (4741.00)	1.00 [2.36] 0.32 [2711.00]	3.37[-3.21,9.95] 1.00 [3.36] 0.32 [2710.00]	0.59 21 3.36 -3.2 1.00 3 0.32 21
Production-dencesupplies V_Racename finding	283[-374,9.29] 0.84 [3.35] 0.20 [2722.00] 1.24[-5.35,7.84] 0.37 [3.36] 0.71 [2722.00] -0.42[-9.788.84] -0.09 [3.79]					1.71[-248,616] 0.77 [2.26] 0.44 [d](2.00)	-0.99(-5.55,3.60) -0.42 [2.30] 0.69 [2012.00]	2.80[-3.67,8.26] 0.86 [3.35] 0.39 [4741.00]	2.81[-2.76,9.07] 0.81 [2.35] 0.81 [2711.00]	2.86[-2.76,9.65] 0.85 [3.35] 0.39 [4700.00]	0.89 (3
Productiol-tyapovV Jaconamolladian	1.24[-5.35,7.64] 6.37 [3.36] 6.71 (effection)					-2.11[-6.57,2.96] -0.92 [2.28] 0.36 [4749.00]	-0.27[-4.90,4.37] -0.11 [2.36] 0.90 [07/2.00]	1.15[-5.45,7.75] 0.31 [3.36] 0.71 [4741.00]	0.37 (3.36) 0.37 (3.36) 0.71 (4711.00)	085 [215] 0.39 [2710.00] 117] -5.43,70] 0.35 [230] 0.72 [270.00] -0.52[-9.88,85] -0.11 [4.78] 0.00 [2710.00] 1.71[-7.05,10.28]	0.37 (z1) 1.31 -5.2 0.39 (3
$evContRespNonAnWhiteV_pProduct eignosticsV_pReconnuc ffflack\\$	-0.42[-9.79;8.94] -0.09 [4.79] 0.93 [4742.00]					-2.11[-6.57,2.36] -0.92 [2.28] 0.36 [27,22.00] -6.37[-12.70,-0.05]* -1.97 [3.23] 0.05 [27,22.00]	3.32[-3.23,9.89] 0.99 [3.34]	-0.65[-10.02,871] -0.14 [0.79]	-0.00(-0.00,0.00) -0.00 [4.77]	-0.52[-0.88,8.85] -0.11 [4.78]	-0.29(-9.1 -0.21)
$erContRepWhiteAmericanV_Producteignet tesV_Recennue fillack\\$	-0.00 [2722.00] 0.00 [2722.00] 0.01 [2.07] 0.00 [2722.00] -0.07 [278] -0.07 [278] -0.07 [278] -0.07 [256] -0.08 [256] 0.00 [2722.00] -2.00[-11.51,7.00]					-0.79(-12.19,-0.86)* -2.95 (9.0%)	0.88[-5.25,7.60] 0.28 [3.13]	1.62[-7.15,10.29] 0.36 [2.47]	1.90[-6.96,22.66] 0.43 [4.47]	0.96 [2700.00] 1.71[-7.05, 31.45] 0.38 [4.47] 0.79 [2700.00] -2.22[-11.40, 2.14] -0.47 [4.78] 0.64 [2700.00] -3.54[-42.44,5.36] -0.78 [4.54] 0.64 [2700.00]	1.76[-7.66 0.39 [4.
coContRespNonAnWhiteV. Product hardware suppliesV. RacenameEllinck	0.68 [2722.00] -2.20[-11.61,7.15] -0.47 [4.78]					0.02 [2722.00] -2.79[-9.15,3.58] -0.86 [3.24]	0.79 [2712:00] 3:91]-2:69,10:50] 1.16 [3:36]	0.72 [2711.00] -2.30[-11.74,7.02] -0.49 [4.79]	0.67 [2711.00] -2.11[-11.49,7.27] -0.44 [4.78]	0.79 [2710.00] -2.24[-11.62,7.14] -0.47 [4.79]	-0.69 [27] -2.21[-11. -0.46] 0.64 [27]
eContReqWhiteAmerican V. Producthardsure supplier V. Racename filliads.	0.64 [4742.00] -2.55[-12.45,5.30] -0.78 [4.54]					0.02 [27:22.00] -2.79[-9.15,3.16] -0.96 [3.22] 0.39 [27:22.00] -1.86[-7.90,4.15] -0.61 [3.09]	0.25 [zh12:60] 1.90[-4.35,8.16] 0.60 [3.19]	0.62 [4741.00] -1.60[-12.51,5.30] -0.79 [4.54]	0.66 [2711.00] -3.08[-12.36,5.42] -0.77 [4.54]	0.64 [2710.00] -3.54[-12.44,5.36] -0.79 [4.54]	0.64 [17] -3.54[-12 -0.78]
seContRespNonAnWhiteV. Product to detpaperV. Racename fillack	0.43 [4742.00] -2.00[-11.54,7.36]					0.51 [272200] 1.54[-1.84,7.93] 0.47 [3.26] 0.61 [272200] -2.18[-846,3.78]	0.55 [27:22:00] 5.26[-1.14,12:00]	0.43 [4741.00] -2.04[-11.50,7.41] -0.47 [4.97]	0.41 [2711.00] -1.90[-11.35,7.55] -0.70 [1.90]	0.44 (2710.00) -1.92[-11.37,7.54]	0.44 [47] -1.96[-11.
$erContRepWhiteAmericanV_Product to let paper V_ReconnuctBlack\\$	0.66 [2722.00] 2.22[-6.53,10.96]					0.61 [2722.00] -2.10[-8.65,378]	0.10 [27:22:00] 2.50[-2.57;8.68]	0.67 [2741.00] 2.17[-6.37,10.92]	0.69 [2711.00] 2.02[-6.42,11.07]	0.69 [2720.00] 2.26[-6.28,11.01]	0.68 [27] 2.17]-6.38
nerContRespNonAnWhiteV.ProducteignettesV.RacemanefChinese	-0.1% [2.54] 0.21 [2722.00] -2.00[-11.51,7.36] -0.23 [2.82] 0.66 [2722.00] 2.22[-0.33 [0.96] 0.50 [2.06] 0.62 [2722.00] 1.80[-7.82,11.47] 0.20 [4.87]					-0.71 [3.02] 0.08 [27:23.00] -0.31[-0.76,0.15] -0.09 [3.29]	0.62 [2.12] 0.61 [2742.00] 3.79[-2.91,36.67]	0.63 [2721.66] 1.91[-7.63,11.46]	0.60 [2711.00] 2.00[-7.55,11.54]	-0.78 [4.54] 0.41 [2700.00] -1.92[-11.37,7.54] -0.41 [4.92] 0.00 [2700.00] 2.90[-6.28,11.01] 0.51 [4.64] 0.61 [2700.00] 1.97[-7.58,11.51] 0.40 [4.87] 0.00 [2700.00]	0.63 [273 2.61]-7.53
erContRepWhiteAmericanV_ProductriguetterV_ReceauserChinese	0.00 (4.97) 0.69 (2722.00) 3.70(-5.00,12.56)					-0.09 (3.29) 0.93 [27:22:0] -0.27[-0.25,5.71] -0.09 (3.05) 0.93 [27:20] -1.30[-8.14,179] -0.52 (3.29)	0.27 [2742.00] 0.33[-5.86,6.32]	0.09 [2.07] 0.69 [2721.00] 3.74[-5.09,12.56]	0.41 [4.97] 0.69 [2711.00] 3.70[-5.13,12.52]	0.40 [4.67] 0.40 [4740.00] 3.71]-5.11,12.53] 0.82 [4.50] 0.41 [4740.00] -3.12[-12.66,6.42] -0.64 [4.86]	0.65 [27] 0.68 [27] 3.85[-4.95
erCutRenNonAuWideV.ProducthardrarenaudevV.RacenaudChinese	6.83 [4.56] 6.41 [4742.00] -3.36[-12.70,6.36]					-0.09 (3.05) 0.93 [4742.00] -1.70(-8.14.479)	0.10 [2.16] 0.92 [212230] 2.207-2.26.957	6.82 [2.58] 6.41 [4741.60] -3.28-12.77.6.31	0.82 [4.50] 0.81 [4741.00] -1001-12.57.6.501	0.82 [4.50] 0.41 [4710.00] -3.12(-12.66.6.42)	0.86 [2 0.39 [27] -1.01]-12
erContRessWhiteAsserinasV.ProducthardraressanilesV.RaceasserChinese	-3.9(-12.70,6.36) -0.65 [3.96] 0.52 [4742.00] -0.72[-9.563.68] -0.16 [3.50] 0.87 [4742.00]					-1.90(-8.11.478) -0.52 [2.29] 0.61 [27.22.00] -0.86(-6.82.5.11) -0.28 [27.22.00] 5.99(-1.30,11.52) 1.55 [3.29] 0.12 [27.22.00] 0.97(-5.01,6.78) 0.29 [3.00]	0.97 (3.40) 0.33 (2742-00) 0.75 - 5.70 6.60	-0.66 [8.96] 0.51 [8781.00] -0.767-0.76 8.077	-0.62 [4.96] 0.53 [2741.00] -0.775-0.51 0.00	-0.62 [4.86] 0.52 [270.00] -0.72[-9.563.08] -0.16 [4.50] 0.87 [2700.00]	-0.62 0.51 271
erCotRepNotAuWhiteV_ProducttoletpaperV_RacrosserChinese	-0.16 [4.56] 0.87 [4742.00]					-0.28 (3.04) 0.78 (4742.00)	0.15 (0.15) 0.86 (2012:00)	-0.17 [4.50] 0.87 [4741.00]	-0.95 [4.50] 0.87 [4741.00]	-0.16 [4.50] 0.87 [4740.00]	-0.15 0.88 [27
orCoatReatWhiteAsseriesaV.Productionerv.ReceaserChinese	-0.16 [2.56] 0.87 [2722.06] -1.76[-11.23,7.71] -0.36 [2.83] 0.72 [2722.06] 1.36[-7.34,10.11]					1.55 [3.29] 0.12 [4742.00]	2.43 [3.46] 0.00 [2742-00]	-0.32 [E.93] 0.75 [EFEL00]	-0.31 [4.80] 0.76 [4741.00]	0.87 [270.00] -0.27 [4.83] -0.27 [4.83] -0.27 [4.83] -0.27 [4.81, 27] -0.27 [4.27] -0.27 [4.27]	-0.29 0.77 [47
	0.31 [4.65] 0.31 [4.65] 0.76 [4742.00] -1.90[-11.39,7.58]					0.29 [3.00] 0.29 [3.00] 0.77 [4742.00] -2.90[-9.29,3.57] -0.97 [3.29]	2.74 [2.12] 0.01 [274200]	0.32 [4.45] 0.75 [4741.00]	0.38 [4.45] 0.71 [4741.00]	0.37 [4.45] 0.71 [4710.00]	0.38 [2 0.71 [47
$evContRespNonAnWhiteV_Product eignesterV_Resenant Ration\\$	-0.39 [4.84] -0.39 [4742.00]					-2.86(-9.28,1.57) -0.87 (3.28) 0.38 (4742.00)	0.65 (3.46) 0.52 (212240)	-0.02 [0.92] -0.02 [0.92] 0.68 [0741.00]	-1.82[-11.38,7.67] -0.38 [4.84] 0.71 [4741.00]	-0.00 [4.94] -0.00 [4.94] 0.00 [4740.00]	-0.91 -11 -0.39 0.69 47
evContRespWhiteAmericanV. Product eignert tesV. RassnameRedian.	0.85[-0.00;3.85] 0.19 [4.57] 0.85 [4742.00]					-28(-32(-15) -937 [218) 0.38 [21220] -2.40[-8.53,161] -0.79 [2.10] 0.23 [2122] 0.47 [2122] 0.47 [2122] -0.71 [202] 0.87 [2122] -0.71 [202]	-0.29[-6.58,6.00] -0.09 [3.21] 0.93 [2742-00]	0.75[-9.16,9.75] 0.17 [0.57] 0.86 [d741.00]	0.16 [4.57] 0.16 [4.57] 0.85 [4741.00]	0.77 [4.57] 0.87 [4.57] 0.87 [4740.00]	0.76[-9.2 0.17 [4 0.87 [42
ceContRespNonAnWhiteV. Product hardware suppliesV. Racenau effection.	0.22[-9.08;3.72] 0.07 [4.80] 0.95 (eTex.00)					1.36(-4.99,7.71) 0.42 (3.24) 0.67 (47.90)	4.56[-2.01,11.13] 1.36 [3.35] 0.17 [07/1946]	0.39[-9.02,9.79] 0.09 [2.90] 0.94 (474) 000	0.24(-8.92,9.98) 0.38 [4.98] 0.97 [4711.66]	0.29[-8.90,9.90] 0.30 [4.80] 0.97 [4700.00]	0.54[-9.8 0.11 [1
oContRespWhiteAmerican V. Producthardware supplies V. Raceamerlindian	-3.99[-12.82,1.83] -0.89 [1.56]					-2.16[-8.12,3.76] -0.71 [3.04]	3.76[-2.41,9.92] 1.19 [3.14]	-189[-1291,174] -0.90 [1.50]	-187[-1279,195] -0.86 [4.50]	-197[-12.80,1.85] -0.88 [4.50]	-4.08[-12 -0.91]
veContRespNonAnWhiteV. Product to det paper V. Racesame findian	+37 (1742.00) -1.55(-10.93,7.80) -0.32 [1.79]					-0.71 [3.04] 0.48 [47.00] 4.60[-1.75,10.95] 1.42 [3.24] 0.16 [47.00] 1.32[-4.90,7.16]	6.25 [274200] 6.55[-0.03,13.13]+ 1.95 [3.36]		-1.32[-10.79,8.06] -0.28 [4.78]	-1.22[-10.61,8.16] -0.26 [4.79]	0.37 [47] -1.32[-30 -0.28]
ocContRepWhiteAmerican V. Producttniletpaper V. Racenane findian	**************************************					0.16 [4742.00] 1.13[-4.90,7.16] 0.37 [3.06]	0.05 [271230] 3.58[-2.06,9.82] 1.12 [3.19]	0.79 [4741.00] 1.97[-0.96,10.97] 0.43 [4.54]	0.79 [2711.00] 2.02[-6.89,20.93] 0.45 [4.54]	0.80 [2710.00] 2.02[-6.97,10.95] 0.45 [4.54]	0.78 [a2] 1.89[-7.02 0.42 [a
Other Self	0.68 (222.00)	-0.60[-0.06,0.01]+ -1.72 [0.02] 0.09 [2786.00]		-0.03[-0.07,0.03] -1.20 [0.02]	0.00(-0.00,0.00) -0.05 [0.04]	0.71 [4742.60]	0.26 [2712:69]	0.42 (4.54) 0.67 (4741.00) -0.64(-0.06,0.00)+ -1.82 (0.02)	0.66 [2722.60]	0.65 [2710.00] -0.03[-0.07,0.01] -1.33 [0.02]	0.68 [42 -0.66]-0.6 -1.69 [
Other Self		0.00 [2760.00]	-0.02[-0.08,0.00]+ -1.81 (0.02)	-1.20 [0.02] 0.23 [4797.00] -0.03[-0.07,0.00] -1.32 [0.02] 0.19 [4797.00]	0.96 [2778.00] 0.02[-0.06,0.10] 0.48 [0.02]			0.07 (2721.00)	-0.04(-0.08,0.00)+ -1.71 (0.02)	0.15 [2720.00] -0.03[-0.07,0.02] -1.22 [0.02]	0.09 [27] -0.02[-0.1 -1.60 h
ovContRespNonAnsWhite/CCOther_Self			0.07 (4798.00)	0.29 [4797.00]	0.63 [2778.00] -0.18[-0.30,-0.06]** -2.98 [0.06]				-1.71 (0.02) 0.06 [2711.00]	0.22 [2710.00]	0.11 [47]
eContRespWhiteAnneissaCCOther_Self					0.00 [2778.00] 0.07[-0.05,0.18]						
wContRespNonAnsWhiteTCOther_Self					1.17 [0.06] 0.24 [2778-00] -0.02[-0.11,0.09]						
orContRespWhiteAsseriousTCOther Self					-0.34 [0.06] 0.72 [2778-00] -0.15[-0.26,-0.06]***						
Other SelTCOther Self					-2.68 [0.06] 0.01 [2778-00] 0.00[-0.01.0.09]						0.000 ***
					-1.13 [0.00] 0.26 [2778-00]						1.27 (i 0.20 (z)
eeContRespNonAuWhiteCCOther_SelTCOther_Self					0.01[0.00,0.00]* 2.42 [0.00] 0.02 [4778-00]						
erCoxtRepWhiteAmericasCCOtter_felTCOtter_felT					0.00(0.00,0.01) 1.52 (0.00) 0.13 (2778.00)						
(Intercept ID) (Observations)	5.15 14.68	5.72 14.00	5.68 14.70	5.70 14.69	5.69 54.66	5.77 9.32	6.96 9.75	5.77 15.67	5.73 14.69	5.75 14.67	5.1 144
un Obs. Whing, Cond. CC CC CC	2792 0.000 0.142 29.744.7 40.066.4	4792 4.000 4.132 20.942.7 20.967.6	2792 0.001 0.131 29.841.5 29.867.4	0.001 0.001 0.122 39:947.8 39:980.2 61 14.18	0.009 0.009 0.129 29193.0 29193.7 0.1 10.13	9.52 4792 6.039 6.276 35975.1 36298.8	2790 0.008 0.307 36333.0 36656.7 0.3	0.011 0.101 0.101 29.703.3 20.079.5 0.1 14.09	2792 6.011 6.142 29723.6 20073.8	6.02 6.02 6.12 297556 499923 6.1 14.09	6.01 0.14
KC CC CC	29714.7 41069.4 0.1 14.10	20 5 EL 7 20 5 EZ 6 0.1	28 847.4 0.1	39847.8 39890.2 0.1	29:973.7 0.1	35975.1 36296.8 0.3	36331.0 3656.7 0.3	29729.3 49179.5 0.1	29723.6 20073.8 0.1	29755.6 29192.3 0.1	29768 49111 0.1
wise:	14.10										

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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

Table 2.28: Model H2b-3

	MW C path	MW BI path	MW R2 path	MW R3 path	MW Bt path	MW Ci path	MW C2 path	MW C1 peth	MW C2 peth	MW C'3 pelà	MW C'i peth
(latmond)	-2.26]-1.638.11]+	-2.66[-3.29,-2.66]***	-266-127-286***	-2.66-123-136***	-2.60 -3.23 -1.97***	3.053.36.473***	4272.47 6.06****	-2.157-4.52.0.225+	-2.165-4.48.6275+	-209-443.032+	-2.06[-4.41.0.31]+
	-1.87 [1.21]	-8.31 [8.32]	-8.22 [0.32]	-8.02 [0.32]	-8.04 (0.32)	3.55 (0.86)	445 (8.92)	-1.79 [1.21]	-1.74 [1.21]	-1.50 [1.21]	-1.79 [1.21]
BarrContBroaNcaAaWhite	0.06 [2765.00]	0.00 [4788.00]	0.00 [2768.00]	0.00 [2747.00]	0.00 [2796.00]	0.00 (256.00)	0.00 (200.00) -0.00-2.92.230	0.08 [2565.00]	0.08 [4765.00] -0.79[-4.05.2.65]	0.09 [2561.00]	0.09 (293.00) -0.72 -4.07.2.64
National Proposed States											
BarrContRessWhiteAsseriess	0.09 (256.00) 0.71(-2.063.88)					0.97 (296.00) -1.23 - 3.48.102	0.78 [4766.00] -0.60[-1.01.1.82]	0.69 [255.00] 0.67-250.3.84	0.68 [4765.00]	0.68 [2561.00] 0.66 - 2.51.3.82	0.68 [253.00] 0.67-2.58.3.62
RaceCondRespff hileAmerican	0.11[-2.063.88]					-1.07 (1.15)	-0.09 [1.23]	0.0 [1.02]	0.69 [1.62]	0.41 [1.62]	0.41 [1.62]
						0.28 [2766.00]					
V.ProductMorMorallyQuestionable	0.00[-2.70,3.62]					0.66[-1.46,276]	0.33 -1.96,2.52 0.30 1.12	0.01-265,364	0.06[-2.70,342]	0.01 2.01,364 0.01 1.61	0.48[-2.68,3.64]
	0.28 (1.01)					0.54 (2796.00)	0.37 (476.00)	0.76 (4765.00)	0.29 (0.41) 0.27 (dN5.00)	0.77 (4764.00)	9.77 (4763.00)
V.Raceasse@link	-1.051-4.15.2.057					-1.16 - 3.15 0.96	-0.057-2.06.2.067	-1.09(-4.19.2.00)	-1.051-4.15.2.057	-1.09-1.19.240	-1.65 -4.15.2.65
	-0.66 [1.58] 0.51 [2765.00]					-1.05 (1.05) 0.29 (£796.00)	-0.04 (0.08) 0.07 (4766.00)	-0.69 [1.58] 0.49 [456,000	-0.66 [1.56] 0.51 [gN5.00]	-0.68 [1.58] 0.58 [2564.00]	-0.67 (1.58) 0.50 (£93.00)
V Passassed Chinese	-0.79(-3.86.2.29)					-1.46-3.45.06F	-1.02(-3.13.1.00)	-0.50[-3.92.2.20]	-0.8E-1922.2E	-0.50 (2762.00) -0.877-2.95.2.200	-0.85 -3.92.23E
	-0.50 (1.52)					-1.31 [1.01]	-0.85 (1.08)	-0.54 [1.52]	-0.54 [1.57]	-0.56 (1.52)	-0.54 [1.57]
V Passasselladiso	0.62 [2765.00]					0.18 (256.00)	0.01 [270.00]	0.59 [2565.00]	0.50 [4765.00]	0.58 [2562.00]	0.59 [2763.00]
1 Annual	-0.74 (3.6%)					0.10[-1.00,2.00]	-1 22 3 19	-0711165	-4.76 (1.67)	-0.77.11.600	-0 % D 60
	0.05 (4795.00)					0.87 (4796.00)	0.19 [4766.00]	0.06 [2765.00]	0.44 [4765.00]	0.44 [4764.00]	0.45 (4703.00)
RaceContRespNonAusWhiteV_ProductMorMorallyQuestionable	-0.00[-4.60,4.56]					-1.25[-4.33,1.63] -0.79 [1.57]	-2.01[-5.19,1.17] -1.24 [1.62]	-0.06(-1.65,1.52) -0.03 (2.34)	-0.09[-166,151]	-0.10[-1.00, 0.20] -0.00 (2.30)	-0.07[-1.66,452]
	1.00 (2.34)					-0.79 (1.52) 0.72 (150c.00)	0.22 (4766.00)	0.98 (235)	-0.03 (2.34) 0.97 (4705.00)	-0.00 (2.30) 0.07 (250) 007	-0.03 (2.31) 0.99 (1703.00)
RaceContRespWhiteAmericanV_ProductMorMorallyQuestionable	-3.85[-8.14/8.45]+					0.98[-1.91,3.86]	-0.28 -0.21.2.70	-3.825-8.11.0.475+	-3.85[-8.14,0.44]+	-3.83[-8.12,0.46]+	-3.82[-8.11,0.47]+
	-1.76 [2.19]					0.66 [1.47]	-0.15 [1.52]	-1.75 [2.19]	-1.76 [2.19]	-1.75 (2.19)	-1.75 [2.19]
BarrContBronNonAssWhiteV.Barrasseffliark	0.08 [2765.06] 3.30[-1.10.7.71]					0.51 (zhec.00) 1.69-1.21.469	0.88 [2764.00] -0.58(-1.59.2.42)	0.08 [2765.00] 2.271-1.047.77	0.08 [2765.00] 3.28(-1.12.7.69)	0.06 [2561.00]	0.08 (£93.00) 3.36-1.017.77
	1.47 (3.25)					1.13 (1.49)	-0.28 [1.53]	1.58 (2.15)	1.00 (3.25)	1.48 (2.25)	1.50 (2.25)
	0.12 (2366.00)					0.26 [2766.00] 1.875-0.92.4653	0.70 [4766.00] -1.11[-1.97.1.76]	0.13 (d95.00) 0.477-3.73.4.67	0.14 [496.00]	0.12 [2561.00] 0.22 - 3.79.442	0.13 (230.00) 0.41(-3.79.4.62)
RaceContRespH hiteAmericanV Racesamefillack	0.01[-3.79,4.61]					1.07[-0.92,165]	-1.11[-3.97,1.96] -0.76 [1.46]	0.47[-3.73,4.67]	0.00[-3.64,456]	0.22[-3.79,4.62]	0.11[-3.79,1.62]
	6.85 (206.66)					0.29 (\$296.60)	0.45 (4766.00)	0.83 (g)(5.00)	0.87 (496.00)	0.85 (abus 00)	0.85 12743.000
Rac-ContRespNeaAn/WhiteV_Racesame/Chinese	1.00[-0.16,5.05]					0.26[-2.77,3.36]	-0.18[-0.31,2.85]	1.40[-3.17,5.96]	1.46[-3.16,5.97]	1.41[-3.36,5.97] 0.60 (2.30)	1.43[-3.13,5.99]
	0.55 (235)					0.07 (0.00)	-0.11 [1.60] 0.91 [4765.00]	0.55 (235)	0.60 (2.33) 0.55 (gNS.00)	0.55 (4764.00)	9.61 (2.31) 9.51 (270.00)
RaceContRess(WhiteAmericanV.Racespage/Chinese	1.637-2.57.5.837					194-085478	-0.717-3.58.2.177	1.505-2.50.5.885	1.625-2.58.5.817	147-251587	166-2565.80
	0.76 (2.14) 0.45 (4766.00)					1.36 (1.42) 0.17 (rftsc.eec	-0.48 (E.47) 0.63 (4766.00)	0.79 (2.14)	0.76 (2.14) 0.45 (ebs. oct	0.79 (2.14) 0.44 (ebs. oct	0.77 (2.14)
Bar-ContRessNonAn/WeiteV-Recessorfindan	2.26 - 2.226.76					-0.18 -3.18.28E	-0.63 (2768.00)	2.26 - 2.246.77	2.25-2.25.679	225-225675	0.44 [2303.66] 231[-220.6.81]
	0.9972.30					-0.12 [1.53]	-0.40 (1.56)	0.99 (2.30)	0.98 (2.30)	0.99 (2.30)	1.00 (2.30)
	0.32 [2366.00]					0.90 [256.00] 0.52-2.31.336	0.69 [2766.00] 0.711-2.21.3.60	0.32 [495.00] 0.00 - 3.56.4.00	0.33 [dNS.00] 0.707-3.51.4.94	0.33 [2564.00] 0.70(-2.54.436)	0.02 [2303.00]
RaceContRespH hiteAmericanV Racesamefindian	9.02 [-3.57,191]					0.52 [1.44]	0.25 [1.26]	0.02 (2.16)	0.70[-3.51,191]	0.00 - 2.14,250	0.02 (2.16)
	0.76 (2766.00)							0.75 (gb)5.000	0.75 (dNS.00)	0.75 (4764-00)	
V. Product Mackfordly Questionable V. Racensmellifack	-2.45[-6.94,2.64] -1.07 (2.29)					1.20[-1.92,4.22] 0.79 [1.54]	-0.52[-3.64,2.60] -0.33 (1.56)	-2.41[-6.91,2.09] -1.65 [2.29]	-2.08[-6.97,2.61] -1.08 (2.28)	-2.44[-6.98,245] -1.67 (2.26)	-2.47[-6.96,2.02] -1.09 (2.29)
	028 (2396.00)					9.44 (4796.00)	0.74 (4766.00)	0.29 [235,000	0.28 (£105.00)	0.29 (4794.00)	9.28 (£763.00)
V.ProductMorMonillyQuestionableV.Racename/Chinese	-2.801 - 7.40.1.801					-2.06 -5.18.1.06	-2.3E-5.5T 0.941	-2.875-7.47.1.730	-2.651-7.44.1.257	-2.89(-7.49.1.71)	-286-751166
	-1.19 [2.35] 623 [296.00]					-1.29 (1.58) 0.20 (£796.00)	-1.41 [1.65] 0.16 [4766.00]	-132 [235] 0.22 [456.00]	-1.21 (2.85) 0.22 (4765.00)	-1.23 [2.35] 0.22 [3764.00]	-1.25 (2.35) 0.21 (£93.00)
V.ProductMoMondyOuestimakirV.RecognetIndian	0.71[-3.925.30]					-1.85'-5.00.1.30T	0.51 2764.00	0.02 2765.00 0.02 2765.00	0.72 2745.00 0.72 - 3.90.5.35	0.22 (2762.00)	0.01 (230.00)
	0.30 [2.36]					-1.15 [1.60]	0.31 [1.67]	0.27 [2.36]	0.31 [2.36]	0.28 [2.36]	0.28 [2.36]
ParaCost ParaNos tas White/C Parabut Machine Bellewit conslui/C Paramount/Hark	0.76 (236.00)					0.25 (256.00)	0.76 [206.00]	0.79 [2355.00]	0.76 [dNS.00]	0.79 [2562.00]	0.78 [2343.60]
RaceConditionpXconAusWindov_ProducDiterbloradyQoreLouaddeV_Racemanardditerit.	-0.29[-0.36,6.29]					-0.00(-5.3E,152)	109 71 10	-0.01 [-0.80,0.27]	-0.19(-0.76(0.39)	-0.23(-0.81,0.35) -0.07 (3.95)	-0.22[-0.81,0.31]
	0.93 [476.00]					0.69 [2766.00]	0.28 (4766.00)	0.93 [2765.00]	0.96 [4765.00]	0.95 [2764.00]	0.94 [4763.00]
RaceContRespWhiteAmericanV ProductMorMorallyQuestionableV RacemanefBlack	3.87[-2.28,10.02]					-3.52(-7.66,0.63)+	0.84[-0.44,5.13]	3.77[-2.38,9.92]	3.93[-2.22,10.69]	2.84[-2.31,9.99]	3.61[-2.31,8.97]
	0.22 (3.14) 0.22 (706.00)					-1.66 (2.11) 0.10 (700 acc	0.39 (2.19) 0.70 (chicago)	0.23 (4765.00)	6.25 [3.14] 6.21 [gNG.00]	0.22 (0.14)	1.22 (0.14) 0.22 (2703.00)
RaceContRespNonAnsWhiteV. ProductMorMorallyQuestionableV. RacenamefChinese	1.54 - 5.14.8.28					3.14 - 1.10,7.96	4.51]-0.19,9.21]+	1.665-5.61.8.365	1.667-5.02.8.357	173(-196842)	1.095-5.00.8.287
	0.45 [3.41]					1.49 [2.31]	1.88 [2.00]	0.49 (3.41)	0.29 [3.41]	0.54 [3.41]	0.50 [3.46]
BareContRessWhiteAmericanV. ProductMarkfornDrOnetionableV. RacemanerChinese	845 (294.66) 3.07 - 3.163.26					0.14 (296.00) 0.92 - 3.29.5.14	0.06 (d)66.00(4.160-0.19.8.500+	0.62 [295.00] 2.11[-3.11.9.34]	0.63 [d)65.66] 3.19(-3.94.9.41)	0.62 [2562.00] 3.195-3.63.9.42	0.62 (2303.60) 3.26-2.96.8.80
	0.97 (3.1T)					0.43 (2.15)	1.88 (2.28)	0.99 (3.17)	1.00 (3.17)	1.66 (3.17)	1.02 (3.17)
RaceContRespNonAtaWhiteV. ProductMorManallyQuestionableV. RacemaneGalian	0.33 [2366.00]					0.67 (256.00) 0.257-4.29.4.807	0.06 (absc.00) 2.147-2.576.657	0.33 [295.00]	0.32 [dNS.00] -1.30]-8.00,5.37]	0.30 [2564.00]	0.31 [2303.60] -1.36[-8.06,5.31]
RaceConditionpXconAusWindov_ProducDiterMoradyQoreLouaddeV_Racemantelludian	-0.01(0.00)					0.15(-1.29,130)	2.11[-2.37,6.80] 0.99.73.00	-0.48 (3.41)	-0.29 (3.41)	-0.32 (0.41)	-138(-808,531)
	0.65 [276.00]					0.91 (4796.00)	0.37 (4766.00)	0.69 (2765.00)	0.70 [4765.00]	0.79 (4764.00)	0.69 [2753.00]
RaceContResp WhiteAmerican V. ProductMorMorally Questionable V. Racemann Challan.	3.52[-2.75;3.79]					0.47[-3.79,473] 0.22 (2.17)	-0.28[-4.70,4.14]	3.55[-2.72,9.82]	3.56(-2.77,9.77)	252-235,939	350[-2.77,8 N]
	1.10 [3.20] 0.27 [g295.00]					0.32 (2.17)	-0.12 [2.26] 0.90 [4766.00]	1.11 (3.26) 9.27 (436).000	1.09 [3.20] 0.27 [gNG.00]	1.30 (3.20) 0.27 (254.00)	0.27 (230.00)
OCOther-Self	(-146.00)	-0.04[-0.08,031]+		-0.03[-0.07,0.02]	-0.04[-0.04,0.00]	(2740.00)		-0.00[-0.08,0.00]+		-0.03(-0.07,0.02)	-0.02-0.00.0.01
		-1.72 (0.02) 0.09 (4790.00)		-1.28 (0.00) 0.23 (0.00)	-1.53 (0.00) 0.13 (0.00)			-1.77 [0.02]		-1.36 (0.62) 0.75 (2064.06)	-1.63 (0.02) a so (effector)
TOOpher Self		0.09 [4798.00]	-0.05-0.060.005+	2010-007-007				0.08 [2565.00]	-0.05-0.00.005+	-0.0%-0.07 0.00	-0.05-0.06 0.00 h
			-1.81 (0.00)	-130 800					-1.27 N.02		-1.65 (0.02)
CODSex SelfTCOSlex Self			607 [2768.00]	0.19 [4797.00]	0.10 (2786.00)				0.08 [4765.00]	0.20 [2564.00]	0.10 (2743.00)
CONTRACTOR CONTRACTOR					1.16 (0.00)						1.26 (0.00)
					0.25 (200.00)						0.21 (2703.00)
SD (Intercept ID) SD (Observations)	5.72	5.72	5.68	5.30	5.69	5.77	6.87	5.71	5.29	5.72	5.71
SD (Obervalines) Num Obs.	4792	1792	1270	11.00 £792	4792	932 4792	9.74 4792	1202	4792	6792	12.00
Num. Obs. R2 Marg.	4792 0.007	479/2 0.001	4792 0.001	4792 6000	4792 6.000	4792 6306	6792 0.005	4792 6.007	4792 0.007	6790 6.009	4792 6:009
	0.337		0.331	0.132		6:272	0.335	0.129	0.137	0.129	
AIC DOC	29 799:3	20 S41.7 20 S67.6	39 841.5 39 867.4	20 8 427.8	29.865.7 29.895.5	36914.8	363723 365886	201017	28 80 L.T 28 979.6	29:920.9 29:992.2	29 823 5 49 111 J
INC ICC	29968-3	38 867.6 9.1	28967.4	20180.2	29 899.5	36183.2 0.3	96549.6	29979.5	38109.6	39992.2	0.1
RMSE	14.13	14.18	14.19	16.19	16.19	9.65	9.22	16.12	14.13	14.12	16.13
p.value, (dLeuce)											
t, [std.ever]											
Estimate (6Conflaterral)											

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	$\log Lik$	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

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and and hapfined as Miller II placement finds		man johandi man johandi man johandi man johandi	1.0 (00.0) 1.0 (0.0) 1.0 (0.0)	THE PROPERTY OF THE PROPERTY O	AND DESCRIPTION OF THE PARTY OF
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and and the philade and the American States and the		THE PERSON NAMED IN COLUMN NAM	1.00 (3.00) 1.00 (3.00) 1.00 (3.00) 1.00 (3.00)	retinane)	100,000
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2.5 H3a

Table 2.34: Model H3a

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	rrye	17.8340	er apan	mrya.	Trys	***	Wildyala	William Services
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TyPinestellable	110 (100 feet) 110 (1		- 0.00 (minut) - 0.00 (minut) - 0.00 (minut)	\$10, 100, 100, 100, 100, 100, 100, 100,	- 10 (000 d) - 10 (000 d)		- 100 (March) - 100 (March) - 100 (March)	The party
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Windowskie Windowskie	100,000		100 (0.00)	100,000			100 (100 (10)	12/200
Westerflet	-0.000		- 10 (100 m) - 10 (100 m) - 10 (100 m)	100,000	140 (100)		- 10 (March) - 10 (March) - 10 (March)	110 (MILE) 100 - 10 (10) 100 (10)
Monathia	-0.000		-0.00 (100 (100) -0.00 (100) -0.00 (100)	-15 -78 LH	100 (100) 100 (100)		-1 NO (1000 CM) -1 NO (1000 CM) -1 NO (1000 CM)	100,000
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Typesteering	100,000		170 (100 m) 100 (100 m) 100 (100 m)	AND DESCRIPTION OF THE PERSON	100000		- 10 (100) - 10 (100) - 17 (100)	100 (000) 100 (000)
The second	1.0 (March) -1.0 (March) -1.0 (March)			10000	1 10 (MINOR) 1 10 (MINOR) 1 10 (MINOR)		- 10 March - 10 11 11 11 - 10 11 11 11 11 11 11 11	1 m (m m)
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Section September 19 and the Section Section Section Section 19 and 19 a	- 10 (Marin)		100 (100 m) 100 (100 m)	100,000	n m jalandaj n mij a m mini n m jalan		A SECTION AND A SECTION AND ASSESSMENT	1 (a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b
Bacha Bajha kelitis Pinkangaria	100,000,000		-1.07 (MERCH IN) -1.07 (MERCH IN)	100 (100 ft) 100 (100 ft)	100,000,000		- con book - con book - con book	100,110,000
Sector Suphate State of Parket Suphate	APPENDENCE OF THE PERSON NAMED IN COLUMN 1 APPENDENCE OF THE PERSON		1.00 (3.00) nept (mine m) 1.00, nine m, m, m,	A PLANT OF THE PARTY OF T	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P		100 (100) 100 (100) 100 (100)	10000
No. Contract Contract of Contr	147(800) -157(800) -157(80)		1.00 (1.00) 1.00 (1.00) 1.00 (1.00)	100 (40) 100 (40) 100 (40)	n no jalencia; n no jalencia; n noj pono; nice ja noj			ne plent
			100,000,00	AND ADDRESS	100,000,000		100,0000	100 AWARD
Burneto/Manager	-1.00 (AM) -1.00 (AM) -1.00 (AM)		10000	-0.00	- 1 to (- 1		10 (100)	and lateral
*Production to Production couples	6.00 (6.00) 6.00 (600.00) -0.00 (600.00)		100000	100(00) 100(00) 100(00)	1 M (100) 1 M (100) 1 M (100)		10000	100 (100) 100 (100) 100 (100)
T/Section State (T/Selection)	-10 per -10 per -10 per -10 per		-10 (m)	-00 (00) -00 (00)	1 to 10000000000000000000000000000000000		-10 (MAC) -10 (MAC)	100 (400 (400))
Bartle Baylon be Till Tylen and The I	100,00000		- 10 (10 m) - 10 (10 m) - 10 (10 m)	THE ASSESSMENT OF THE PARTY OF	170, 470,000		-14 (100) -14 (100) -15 (100)	100,000,000
Bartada (Mariana Agaman Maria	-0.00 (APT) -0.00 (APT) -0.00 (APT)		- 1 (0) (0) - 1 (0) (0) - 1 (0) (0)	10.00	1.00 (1.00) 1.00 (1.00)		- majorine	10 (00.00)
Section Section Control of Contro	5.40 (MIN) 100 (MIN)		1.50 (3.40) 1.50 (3.40) 1.50 (3.60) (4.	14 (MI) 14 (MI) 17 (MI)	1 to 3 to 10		1 TO SHOW SEE	100 (100 (10)
Sector Replace With Proceedings	10.0000 10.0000 10.0000		10000	AND SHAPE	AND DESCRIPTION OF THE PARTY OF		1 00 00 00 00 1 00 0 0 0 0 0 100 0 0 0 0	100 March 100 Ma
North Control of State	-0.00		1.00 (0.00) 1.00 (0.00) 1.00 (0.00)	10000	- 10 (0000) - 10 (0000)		A RECOGNISION OF THE PARTY OF T	
*Production Production	-1 to (100 to 10)		-0.00 (months) -0.00 (months) -0.00 (months)	-000 TO 100 TO -000 TO 100 TO -000 TO 100 TO	- 1 (0) - 10 (0) (0) - 10 (0) (0) - 10 (0) (0)		-1 (C.	- 1 (1 (1 (1 (1 (1 (1 (1 (1 (1
Yes and the State of Comments of the State of St	100000		100,000,00	100,000	- 1 () (() () () () () () () ()		A TO SHOW IN	- 100 (MI (M) - 100 (M) (M)
Springer of January 1995			-0.00 h.m. -0.00 h.m. -0.00 h.m.	-0.00 (m) -0.00 (m) -0.00 (m)	10 100		-00 had -00 ha	- 10 (10) - 10 (10) - 10 (10)
** Tyles to the discoverage to "" of the constraint of	entral relation		100 (min m)	entranted total	To price		name (miles)	10 (dece)
** Tyles to the Spirit Processed Block	- 1 (F) (ME AND)		-100 (00 m) -100 (00 m) -100 (00 m)	- 10 (10 kg)	-1 Mr. AND		-10 (40 (4) -10 (40 (4) -10 (40 (4)	
Visitation and Committee	Target Andread		1 00 3 100 00 00 0 00 3 000 00 0 00 3 000 00 0 00 3 000 00	Tarjana Arrismani Arrismani	Latinated and the second		1 10 1 10 10 10 10 10 10 10 10 10 10 10	100,000,000
T/Parlament part / Secure States	AND MAKE		100 (100 m) 100 (100 m)	14 (44)	100 (100 (10)		100 (100)	100 (000) 100 (000) 100 (000)
** Tylesholiganish Sphanish Shirts	100 (Minut) 100 - 100 (Minut) 100 (Minut)		100 (000 d) 100 (000 d) 100 (000	100 (000 pt) 100 (000 pt) 100 (000)	THE SECOND		A RESIDENCE CONTRACTOR	10 (40 cm) 10 (40 cm)
*Probabilisticonsplict@exambles	140,000		1.00 (100 (10) 1.00 (10 (10) 1.00 (10)	10,000	100 (0000)		100,000,000	100 (0000)
With the particular to the same of the sam	10,000		1.00 (0.00) 1.00 (0.00) 1.00 (0.00)	-10 AT SECULO	- 1 (0) - 10 (0) (0) - 100 (0) (0) (0) - 100 (0) (0) (0)		100 (100 (10) (100 (10) 100 (10)	-10 -1 m 101 -1 m 101 -1 m 101 -1 m 101
Bertreite (Mariana Agranda and Agranda agrana	-10/302 -10/3020 -11/30200		100 (0.00) 100 (0.00) 100 (0.00)	100 (100 (100) 100 (100) (100)	10 (10) 10 (10)		10 (0.0) 10 (0.0)	- 10 (100) - 10 (100) - 10 (100)
			100,000	-10,000 mg	-5.5		100 (000)	- 10 (March) - 10 (March)
	100,000,000		1 (a)	THE PERSON NAMED IN COLUMN NAM	- 100 (100 m) - 100 (100 m) - 100 (100 m)		THE STREET	- 100 (MICH)
	10000		1.00 - 11.00 ml 0.07 (m.10) 1.07 (m.10)	-0.00 mg (mg)	10 100		1.00 (0.00 (0.00) 1.00 (0.00)	- 10 - 10 (10 (10) - 10 - 10 (10) - 10 - 10 (10)
Barried Andrea Andrea Commission of Assessment Commission of Commission	COLUMN TO SERVICE STATE OF THE PARTY AND ADDRESS OF THE PARTY AND ADDRE		10 300	19 (40)	AND DOOR		1 to 3 to 50 1 to 3 to 50 1 to 5 to 50 to 50 1 to 50 to 50 to 50 1 to 50 to 50 to 50 1 to	10000
			1.00 (0.00) 1.00 (0.00) 1.00 (0.00)	AND			1 to (1000) 1 to (1000) 1 to (1000)	100,000
	nachanal nachanal		100 (000 m) 100 (000 m) 100 (000)	AND STREET	and property		A SE SECURIO A SECURIO DE SECURIO A SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO DE SECURIO	100 (MILE) 100 (MILE) 100 (MILE)
Burling Relations and American States and Thomas	100,000,00		100 (00 m)	14 344 14 344 14 344	100 june (-0.00 (F.00.00) -0.000 (F.00.00) 1.00 (F.00.00)	100 AN ACM 100 AN ACM 100 AN ACM
	1.0 (Market)		ner here at	AND DESCRIPTION OF THE PERSON	- An James III		- 4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (10 (000)
	10 (000) 10 (000)		100 (000) 100 (000) 100 (000)	100 (000) 100 (000) 100 (000)				100 (de 10) 100 (de 10) 100 (de 10)
	100 (100 and)		40 (00 a) 40 (00 a)	100 (000 a) 100 (100 a) 100 (a)	no bearing		-10 (MICH -10 (M	100,000
Section Suprached State Control and accomplete Comment State	- 10 (Mari		10,000	1550	THE PERSON		- 10 January - 10 January 10 January	100000
	1753.60 1803.60 1803.60		1.00, 20,000,000,000,000,000,000,000,000,0	COLUMN TO SERVICE STATE OF THE	100 300000		Car (Marie Car (Marie Car (Marie)	100,000,000
			100 (00 pt) 100 (00 pt) 100 (00 pt)		an photo		100 (0.00)	
$\label{eq:constraint} S_{total}(t) = S_{total}(t) + S_{total}(t)$	-10(3000) -10(3000) -10(300)		100,000,00	400 (MILE) 400 (MILE) 400 (MILE)	- 12 January - 12		100,000	10 (M) (0) -1 (0) -1 (0) (1) -1 (0) (1)
Bachallop Michaeland Probeing with Paramethian	- 1 M 3 M		-0.07, 30.00 (0.00) -0.00 (0.00) -0.00 (0.00)	-10, -10, h	- 10 July 10 J		-0.07-0.05 (c) -0.07-0.05 (c) 1.07-0.05 (c)	- 100 - 100
	Legan sections		100,000,000,000,000,000,000,000,000,000	Targetti (- 100 (100 (10) 1 to (100 (10) - 100 (100 (10)		10,000	100,000
	10000		100 (000) 111 (000.0) 100 (000.0)	THE STREET	1 to [along] 1 to [along]		100 (000) 100 (000)	
Bartis Bay Billion bearing from the trapped placement from	100,100,00		11(300.0)	107 (800.00) 100, 10751 No.	A TO DESCRIPTION OF THE PARTY.		- 10 (March 1997)	10 (000)
Burtha Baylina bullion F. Frahang activity January Bullion	-19 (41) -19 (41) -19 (41)		- 100 (100 to)	-0.00, 0.00,	- 1 m (m m) m (m)		- 1 (2 (100 cm) - 1 (2 (100 cm) - 1 (2 (100 cm) - 1 (2 (100 cm)	- 1 (A 1 (
	-175-074105 -185-074105 -185-084105		110,000	10,000	17 100		110,000	Total Control
	-18 (415 18 (400 and -18 (-18 and		100 (0.8)	10000	- 179 (cm) - 170 (cm) - 170 (cm)		1.00 (0.00) 1.00 (0.00) 1.00 (0.00)	-0.0 (00) -0.0 (00) -0.0 (00)
$(A_{ij}(x),A_{$	4.0 (MINO) -0.70 -0.00 (MI) -0.70 (MI)		10,000.00	10 (00 m) 10 (00 m)	10 3000		- 10 (MICH - 10 (MICH	10 (00.00)
Bartis Bay Makasana (Yakatan ya A Jamasa Baha	100,000,000		100 (000 to) - 100 (000 to) - 100 (000 to)	10,000	and posterior		1.00 (MINUS) -0.00 (MINUS) -0.00 (MINUS)	10 (March
** ** *** *** **** **** **** *********	THE REAL PROPERTY.		10 (00)	14 (44) 14 (44) 14 (44)	1 (0) - 1 (0) (0) (0) 1 (0) (0) (0) (0) 1 (0) (0) (0) (0)		10 (00)	100,000
Washington Waterberger Assessment	-100 (100) 100 (100) 100 (100)		100 (000) 100 (000 (0) 100 (000 (0)	-0.00 100 (0.00) 100 (0.00)	1.00 (F.10) 1.00 (F.10) 1.00 (F.10)		100 (000)	100 (ACC) 100 (ACC) 100 (ACC)
Tyles and the State of Producting and Application of Thems			-10 (400) -10 (400)		- 10 100 - 10 -0 10 - 10 100		- 100 (MINOR) - 100 (MINOR) - 100 (MINOR)	- 100 (100 (10) - 100 (10) (10)
*Production of Probabilities (Probabilities (Probab	100, 500, 600 100, 500, 600 100, 500, 600		100 (000 or) 100 (000 or) 100 (000 or)	AND DESCRIPTION OF THE PERSON	10 000		THE STREET	- 10 (Minut)
Washington Water Springer	10,000		100 (00 to 0) 100 (00 to 0)	100000	10 314		10 (10 m) 10 (10 m)	100,000
Washington Watcherman	-1.00 (AT) -1.00 (AT) -1.00 (AT)		10 (00) 10 (00)	- 0.0 (m) - 100 (m) - 100 (m)	-00 PM 10 MINN -10 MINN		1 TO (ART STORY AND ART STORY	-07 (00) 10 (0010) -08 (-0.010)
Tylundadan Tylunda pyrygenedda	10000		100 (000) 100 (000 of) 100 (000)	-(a, b.v) 	and principle		- 10 (10 m) - 10 (10 m) - 10 (10 m)	- 1 (mile)
	THE PERSON NAMED IN		-01()00.0 -01()00.0 -07(00)	17(30) 17(30)	10000		-10 (Maria) -10 (Maria)	may be a made
			10 (10 mm) 10 (10 mm)	10,000	-100 -00 00 00 00 -100 (000 0.00 (000)		- FIRE ASSESSED.	100,000,000
	AND DESCRIPTION		100 (0.00) 100 (0.00) 100 (0.00)	10,700 10,700 10,700 10,700 10,700	10 300		1 M (0.40) 1 M (0.40) 1 M (0.40)	- 17 - 100 (10)
	1							
be noted the constraint function of the constr	- 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (THE PERSON NAMED IN COLUMN NAM	-11 (-0.45 m) -0.15 (-0.45 m)	10000		THE STREET	100 (00 tol) -100 (00 tol) -100 (00 tol)
	-15, 518,000 -18,000 -18,000		-14 (10 mm)	10,000	THE PERSON		- 10 TO SERVE OF THE PARTY OF T	10 (400)
	-10,000,000 -10,000 14,000,00		14 (44) 14 (44) 14 (44)	-10, 2000 kg -10, 2000 kg -10, 2000 kg	100, 100,000 fell 100,000 fell		1-10 (0-14) 1-10 (0-14) 1-10 (000-14)	100 to \$100 to
	-17 (MAR) 14 (MAR) -17 (MAR)		100 (000) 100 (000) 100 (000)	48.3N 16.30m 17.40m 17.40m	and justing		- 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (100 (0.15) 100 (0.16) 100 (0.16)
$\label{eq:controlled} (A_{ij}(t)) = A_{ij}(t) + A_{i$	10000		10 (100.0) -10 (100.0) -10 (100.0)	-10 (MIN) -10 (MIN) -10 (MIN)	1.0 (mm) -1.0 (mm) -1.0 (mm)		- 10 (March) - 10 (March) - 10 (March)	14 (M14) 14 (M14) 14 (M14)
	-0.0(-0.00) -0.0(-0.00) -1.0(0.0)		1.00 (1000.00) 1.00 (1000.00) 1.00 (1000.00)	- 10 (10 mm) - 10 (10 mm) - 10 (10 mm)			100 (000) 100 (000)	-14(-0010) -14(-0010) -14(-0010)
	THE REAL PROPERTY.		10,000	100,000 100,00	10 (000) 10 (000)		- cont. Secretarion (- cont.) participa (- cont.) participa (- cont.) participa (- cont.) participa (14 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4
	10/3/0 10/30/0 10/10/00/0		111 (1141) 111 (1141) 115 (1141)	14/300 14/30040 13/40040	10 July 10 10 10 10 10 10 10 10 10 10 10 10 10		A TO SHOW A	10 (Mar) 10 (Mar)
$A_{n+1}(x) = A_{n+1}(x) + A_{$	10000		17 (100.0) 10(.010.00.0) 10(.010.00.0)	1.00 (MIN. OC 0.00 (MIN. OC 0.00 (MIN. OC)	100 (100 (10))		100,000,000	10 (00.00)
	10/2007 10/2007		100 (000 d) 100 (000 d) 100 (000 d)	THE CONTROL OF THE CO				THE PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF
	-140, NUMBER -140,		100 (100 M) 100 (100 M)	-100 (MIR OF S) -100 (MIR OF S) -100 (MIR OF S)	100 (1000) 100 (100) 100 (100)	minus r	100 (0.40 100 (0.40	Total (Marie)
# house	- 12	100 (100 (100 (100 (100 (100 (100 (100		THE STREET		100 (100 cm) 100 (100 cm) 100 (100 cm)		100 (000) 100 (000 (0) 100 (0)
No. No. 10 No. 10 No.				100 100 100	100	100		100
E	100	=	222	-		=	222	-
5 Marie (Marie) 5 (Marie) Billion (Mindform)								

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

	CC C puth	CC II path	CC A path	CC C path	TC C path	TC it path	TCA path	TC C' paik
(hirespt)	2.02 [-0.70,2.02] 1.32 [1.36] 0.12 [20,2.05] -2.72 [-7.07,1.62] -1.21 [2.22] 0.22 [20,2.05] -0.36 [-2.32,3.82] -0.14 [2.15] 0.00 [20,2.05]	100(03X130)*** 110 (030) 500 (20020)	127 [3.1] 600 [20.08] 0.21[-7.73.20] 0.12[-7.73.20] 0.12[-1.50] 0.12[-1.50] 0.12[-1.50]	1.61 -1.31,4.72 1.01 1.20 0.31 2344.00 -2.20 -2.04,1.52 -1.22 (2.30) 0.31 -2.34,1.41 0.31 2.11 0.00 (2344.00) 0.31 2.11	179[-131,30] 100 [147] 0.39 [331,00] -100[-3,42,3,30] -0.40 [232] 0.43 [331,00] 142[-2,81,6,00] 0.77 [233] 0.47 [331,00]	0.80(0.30,1.35)*** 3.13 [0.27] 6.00 [2392.00]	1471(841.39.81)*** 473 [3.11] 609 [2341.00]	6.11 2.83,843 6.20 3.16 6.40 331,840 -1.20 -2.63,230 -0.20 2.20 6.21 231,840 1.31 3.20 6.30 231,840 6.30 231,840
Eur-ContEmpNon-los White	0.13 [2345.00] -2.73[-7.65,1.63]	6.00 [2392.00]	0.00 [2525.00] 0.74[-7.77.9.20]	0.33 [2341.00] -2.70[-7.06,1.57]	0.29 [2343.00] -1.00[-5.62,3.30]	609 [2392.00]	0.00 [2321.00] 0.71[-7.77,9.25]	0.80 [2311.00] -1.10[-3.46,3.20]
	-123 [222] 022 [2345.00]		037 [434] 686 [234500]	-1.25 [2.36] 621 [2311.66]	-0.86 [2.32] 0.63 [2323.00]		600 [232-00] 0.72 [-7.72,9.25] 0.37 [4.26] 0.86 [2322-00] -9.20 [-17.05, -1.00]* -2.20 [4.20] 601 [2322-00]	-0.0X [2.29] 0.63 [2344.00]
Eur-Coat Eng/Khin-American	-0.30[-2.33,3.92] -0.14 [2.15]		-9.26[-17.55,-1.06]* -2.29 [4.22]	0.30[-3.97,4.44] 0.31 [2.35]	1 62 [-2 81,6 05] 6 72 [2 34]		-9.29(-17.35,-1.00)*	232(-185,680) 132(23)
V.Frantistadishasis	0.09 [202.00] -6.07 [2.02] 0.08 [202.00] 1.20 [-1.00,1.00] 0.37 [2.02] 0.37 [2.02] 0.39 [2.02] 0.39 [2.02] 0.39 [2.02] 0.39 [2.02] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04] 0.37 [-2.04]		603 [201.00] -31.0[-3.7213.00]**** -31.1 [4.73] -31.1 [4.73] 600 [21.500] 2.80[-5.74.11.31] 6.84 [4.34] 6.37 [31.500] -2.80[-3.74.6.30] -4.27 [21.500] -4.27 [21.500] -4.27 [21.500] -4.27 [21.500] -4.27 [21.500] -4.27 [21.500] -4.27 [21.500]	606 [231166] 0.37 [-1.13.05] 0.37 [-1.33.45] 0.36 [230] 608 [231166] 0.37 [-1.04.36] 0.32 [-1.04.36] 0.32 [-1.04.36] 0.32 [-1.04.36] 0.32 [-1.04.36] 0.32 [-1.04.36] 0.32 [-1.04.36]	0.17 [233.00] -0.76 [234] 0.17 [233.00] -0.07 [235.00] -0.07 [235.00] -0.		602 [232.08] -21.08[-317.7-13.08] -51.18 [8.75] -51.18 [8.75] 608 [232.08] 632 [231.08] -2.08[-13.06, 28] -2.08[-13.06, 28] -6.7 [1.75] 622 [231.08] -4.07 [2.17] 623 [231.08] -4.07 [2.17] 621 [231.08]	6.26 [23.11.86] 6.27 [-4.67.5.22] 6.27 [2.32] 6.26 [23.11.86] -0.26 [23.26] 6.27 [23.11.86] 6.27 [23.11.86] 6.27 [23.11.86] 1.28 [2.28] 6.31 [23.11.86] 6.31 [23.11.86]
V Parlanthallanthallanthallantha	048 (2312.00)		-5.11 [275] 6.00 [2545.00]	639 [231100] 639 [231100]	0.43 (234.00)		600 [2325.00]	6.51 (2.32 m)
V.Frointlinkinni)((unimalis	0.37 [2.21]		2.8(-5.7(11.31) 641 [4.31] 631 [31.04]	030 (220)	-0.28 [2.22] -0.28 [2.22]		2.80[-5.71,11.31] 0.61 [4.30] 0.71 [7317.00]	-0.80[-0.14,0.80] -0.38 [0.28] 0.70 [7500.00]
V_Lorenselliek	0.00[-0.00,000]		-246 - 1136,636	0.07 - 0.04,0.04	149(-3374-0)		-2.60[-11.56;6.36]	1.80[-2.566.62]
V-Europee Chine	0.93 (2343.00)		0.07 (2045.00) -1475-7747 1796	691 (231106) 4 No 1 W 3 1 V	0.29 [2323.00]		0.07 (2343.00)	6.42 [2311.86] 7495-1.774.75
	0.12 (2.33)		-100 [437] 631 [2343.00]	0.24 [2.32]	137 (2.44) 939 (2313.69)		-1.00 [1.17] 0.31 [23\$1.00]	1.49 [3.40] 0.34 [3344.69]
V _e Eernanelladim	0.91 [2325.00] 2.62 [-0.87,609] 1.58 [2.29]		-0.72[-0.34,603] -0.17 [0.49]	147 -0.78 8 12	0.20 [2323.00] 2.20[-1.25,8:00] 1.40 [2.20]		0.31 [2321-00] -0.77[-0.56,833] -0.17 [4.89]	0.11 [2311.00] 3.17[-1.17.6.10] 1.47 [2.30]
Ener Cont EmpNon-Ann White V. Proventation Defension	-022 [228] -026 [2272] -126 -2272 288] -126 -2272 288] -126 -227 [228] -128 -228]		-102 [217] 633 [2310.00] -0.27[-9.554.02] -0.17 [4.00] 600 [2310.00] -0.42 [-10.00.01] -0.42 [-1.00] 600 [2310.00] 602[-1.50[1.00] 602[-1.50[1.00]	181 [232] 611 [23128] 1.17[-5.07.86] 631 [232] 673 [23128] -232[-836,106] -679 [132]	1.30 (2.30) 0.30 (2332.00) 1.20(-1.803.20) 0.31 (2342.00) -0.17 (-0.813.00) -0.00 (3.30)		6 86 [2321-06] -2 83[-36-08, 18-23] -6-22 [6-36]	0.36 [2.34] 0.36 [2.37] 0.36 [2.37] 0.36 [2.37] 0.36 [2.37] 0.36 [2.34] 0.36 [2.34]
Ear-Coat Erw White Assertion V. Proceedation Debrates	0.30 [3.43] 0.76 [3343.60]		-6.22 (6.76) 668 (2343-06)	0.31 [3.43]	633 (344) 633 (344)		-6.22 (6.76) 6.68 (2323.00)	0.38 [3.52] 0.79 [2344.00]
Ear-Coal Empfillate Assertional Jeneralation Debugger	-0.37 [3.20]		100 [630]	-0.29 [0.22]	-0.17 -0.81 (0.38) -0.85 (3.39)		669 [232.00] 6.87[-5.56.38.31] 1.09 [6.30]	-0.27 [3.34]
Ear-ContEmpNea-berWhiteV. Predactible Mondy Questionable	0.37 [202.00] 410[-2.38.10.37] 1.31 [3.30] 0.22 [202.00] -0.30[-0.34.3.37] -0.26 [3.00]		100 (C30) 030 [21630] -649 [640] 030 [21630] 030 [23160] 031 [21630] 031 [21630] 031 [21630] 101 [21640]	618 [231108] 618 [231108] 619 [231108] -133 [-7.36,438] -6.26 [342]	0.80 [2302.00] 272[-407.635] 0.79 [2.84] 0.43 [2302.00] 0.83[-3.386.80] 0.20 [3.14]		138 (43) -128 (23138) -139 (23138) -149 (23138) -139 (23138) -139 (23138) -139 (23138) -131 (23138) -131 (23138) -131 (431) -131 (431)	-027 [334] 679 [2314.86] 6.00 [3314.86] 6.27 [2314.86] -0310 [3314.86] -0310 [3314.86] 620 [2314.86] 627 [34.86]
Ear-Coal Erro White Assertion V. Product Mar Month Characteristic	022 (2345.00)		6.09 (2003.00)	0.19 [2314.00]	0.43 (2345.00)		0.29 (2323.00)	6.37 (2344.00)
	-026 [200]		134(334)	-0.45 [3.65]	629 [3.19] 0.31 [7370.00]		134 [336]	-0.10 [1.14] e.at [2114.00]
$V_{p}Percentation different or V_{p}Percent different by Question above \\$	0.90 [2333.00] 0.20[-0.24,6.72] 0.87 [3.30]		X0(-145,29.77) 121 (69)	-0.0 [310] -0.0 [23100] -0.0 [320] -0.0 [320] -0.0 [3210] -0.0 [321] -0.1 [23100] -0.0 [321] -0.0 [321]	0.84 [2343.00] 3.42[-3.37,50.21] 6.09 [3.44]		*86[-645,29.77] 124 (6.66]	242(-14432)
Ear Continue Visit V. Assessment Earls	0.87 (2.30) 0.94 (2322.80) 2.30 (-2.872.80) 0.76 (2.27) 0.21 (2322.80) -2.30 (-8.30.249) -0.67 (3.34)		0.21 [23.158] -270[-23.45,972] -0.06 [0.46] -0.07 [23.158] -0.07 [-17.27,138] -0.16 [-22]	685 [231100] 247 - 3.72 8.00	6.99 [3.26] 0.32 [3343.00] 1.00[-2.733.73] 0.29 [3.25] 0.37 [3343.00] -1.00[-10.37.3.15] -1.33 [3.30]		0.11 (0.10) 0.21 (2.11.00) 0.81 (0.11.00) 0.81 (0.11.00) 0.81 (0.11.00) 0.11 (0.21)	0.37 [3.30] 0.31 [333.50] 1.37 [-3.36,741] 0.38 [3.36] 0.77 [2333.50] -1.27 [333.50] -1.29 [3.27]
	0.76 [3.27] 0.21 [2243.66]		-6.05 (6.00) 640 (200)/09	0.62 [3.26] 0.43 [2244.06]	0.29 (3.45) 0.27 (3343.00)		-6.85 (6.86) 660 (2353.66)	0.38 [3.39] 0.71 [2344.69]
EuroCoat EmpWhiteAsserteas/ Jaconson ellEach	-2.10[-8.30,4.09] -0.67 [3.16]		0.80[-11.37,13.08]	-2.16(-8.36,336) -0.09 (3.14)	-125 (231)		0.80[-11.37,13.06]	-420(-10842.14) -129(520)
EurContEmpNon/onWhiteV Euronaum/Chiane	-0.27 [3.14] 0.33 [201.00] 2.36[-1.277.81] 0.37 [3.12] 0.37 [3.12] 0.37 [3.14] 0.37 [3.14] 0.37 [3.14] 0.38 [33.50] -1.41[-7.73.48] -0.41 [3.22] 0.58 [33.50] -1.27[-8.44,3.30] -0.98 [30.50]		6.99 [2125.00] 3.90(-9.33.17.09) 6.36 [2125.00] 6.90(-5.25,19.30)	6.29 [2311.00] 0.03 [2.11] 0.03 [2.11] 0.04 [-6.07.5.54]	0.32 [33(3.06) -0.06[-7.71,0.26] -0.38 [32(3.06) 0.86 [33(3.06)] -0.80[-13.28,0.38]+		639 [23238] 189[-9333748] 638 [23238] 639[-123338]	0.20 [2311.00] -1.04[-8.00[3.00]
	0.72 (3.42) 0.47 (3345.00)		0.5x [6.73] 0.5x [2345.00]	0.65 [2.41] 0.51 [2344.00]	-0.16 (2.66) 0.86 (23(2.00)		0.5x [6.73] 0.5x [2345-00]	-14 (1914) -14 (1914) -15 (1914) -16 (1914) -17 (1914) -17 (1914) -17 (1914) -17 (1914) -17 (1914) -17 (1914) -18 (1914) -18 (1914) -18 (1914) -18 (1914) -19 (1914)
Ear-Coat Emplifield Assertional J. Jaconson of Chinese	-0.23 [-0.45,6.62] -0.07 [2.16]		6.9(-5.25,19.26) 1.12 [6.26]	-0.00(-0.07,3.34) -0.20 (3.30)	-1.90[-12.49,0.58]+ -1.79 [3.33]		6.96[-3.25,19.26] 1.12 [6.20]	-673(-1318,-626) -265 (326
Ear-Coat Emplion by White V Jaconson Bullet	0.95 (2345.00) -1.48 [-7.73,4.94]		112 (420) 626 (2315.00) -150(-1285.36.00) -820(-820) 681 (2315.00) 620(-820,17.80)	-6.22 [3.16] 6.83 [3311.06] -1.32[-7.46,4.87] -6.22 [3.33] 6.68 [2311.06] -2.30[-8.36,2.76]	-3.00[-12.89.03e] -1.79 [3.20] 9.87 [23.25.00] -1.77 [-3.27.25] -2.77 [-3.28.04.12] -1.71 [3.20] -3.30 [3.21.20] -3.30 [3.21.20] -3.30 [3.21.20] -3.30 [3.21.20] -3.30 [3.21.20] -3.30 [3.21.20] -3.30 [3.21.20] -1.30 [3.20] -1.70 [3.20] -2.71 [3.21.40] -1.77 [-2.11.4.77] -1.40 [3.24]		112 (620) 624 (23258) -120[-1235,1634] -622 (620) 631 (23258) 624[-5,37,1735]	0.01 [2311.00] -1.04[-3038,2.50]
Ear-Coat Eng/White American V. Earname Station	-0.84 [3.33] 0.66 [2345.00]		-624 (633) 685 (234508)	-0.0 (331) 068 (231106)	-131 [336] -131 [331-00]		-0.26 (0.30) 0.91 (2383-00)	-121 [130] 021 [2344.00]
Eur-Cont Emp White Assertional Lacronner Endina	-2.72[-8.64,3.26] -0.90 [3.02]		4.36(-5.37,17.6) 1.06(5.04)	-3.50[-8.99,379] -1.03 [3.00]	-477[-18.96,3.43] -1.31 [3.16]		626[-537,1785] 106 [536]	-5.42[-11.35(8.26]+ -1.74 [1.12]
V. Promission Delevator V. Rarmane (Black	-212 -444.136 -239 [202] -223 [2023.00] -423 [-1120.181] -142 [2023.00] -230 [-230.136] -639 [230] -637 [-1230.00] -637 [-1230.00] -140 [230]		100 [3.04] 629 [201.06] -729 [-20.05.06] -111 [620] 627 [201.06] 527 [-201.06] 638 [620] 639 [620] 639 [620]	-130 -4.86.179 -140 140 -130 231140 -130 -130 133 -130 -130 133 -130 -130 133 -130 -130 133 -130 -130 130 -130 -130 -130 -130 -130	0.33 [2342.00] -2.36[-10.25,334]		100 [322] 740] 100 [320] 120 [3210] -720[-3010] -720[-3010] 527[-72010] 527[-72010] 638 [620] 639 [32100] -300[-300[-300]	0.0H [2311.8H] -2.80[-9.58,3.8H]
V. Provincial and Defension V. Electronous Chinese	0.16 (2012/00)		-111 (638) 627 (2343-00)	0.19 [2341.00]	0.31 (3342.00)		-1.11 (6.58) 6.27 (2341.00)	6.0 [234.00] 6.0 [234.00]
Tyronia and Carrier and	-0.09 [3.34]		0.81 [0.06]	-0.00 [3.32]	-1.10 [3.50]		0.84 [6.48]	-1.30 [3.45]
V.Fronteitallebuie V.Jarrasellaka	-6.27[-12.89,635]+		-2.90(-13.97,10.04)	-6.13[-12.72(8.86]+	-5.17[-12.11,5.77]		-230[-15.97,18.04]	-210(-119018)
V. Product Markhault Charatanad in V. European Ellisch	-627(-12.06.02)+ -1.06 [12.0] -1.06 [21.06] -1.06 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06] -1.07 [21.06]		-2.00 -13.97.30.30 -0.01 [6.02] 6.00 [212.00] -1.00[-1.1.10.30.30] -0.02 [6.00] 6.00 [212.00] 6.00 [212.00] 6.00 [212.00] 6.00 [212.00] 6.00[-21.84.172.44]	-181 [136] 607 [231106] -236 -827316 -236 -827316 -246 [231106] -247 [231106] -248 [231106] -248 [231106] -248 [231106] -248 [231106] -248 [231106]	-117(-12.11,177) -1.16(2.14 -1.16(2.14 -1.16(2.14 -1.16(2.14 -1.16(2.16 -1.16(-1.16 -1.1		-100 - 10.07 (100) -0.00 (0.02) -100 - 11.00 (100) -0.00 (0.01) -0.00 (0.01) -0.0	-114 -116 1.10 -114 [1.10] -115 [2011.0] -115 [2011.0] -115 [1011.0] -22 [2011.0] -300 [1.10] -30 [2011.0] -411 -1245 -607
	-101 [327]		-0.25 (0.40) east (2000.00)	-6/96 (5.25) 6/31 (335) 6/31	-135 (3.65) a 11 (110 and		-0.25 (6.86) 689 (730) 689	-123 [3.36] 6.70 (750 asi)
V. Froise Machinelly Questionable V. Facemann Chinese	-5.35[-11.81,1.36]		40(-65(365) 047 (cs)	-5.64[-12.66(8.79]+	-230[-949(3.84]		489(-83K3429)	-3.36(-30363.36)
V. Product Markhault-Constitutable V. European Fladian	0.10 [2217.00]		6.53 [2545.00] 6.30[-11.84.12.44]	6.09 [2311.00] -6.02 -13.03 -6.03*	0.40 [2312.00]		6.33 [2343.00] 6.30[-11.84.12.44]	6.32 [2314.66] -6.31[-12.85,-6.07]
	-2.14 [3.14] 0.03 (2345.00)		0.30[-11.81212] 0.00 [21.10] 0.00 [21.10] 0.00 [0.17] 0.70 [0.17] 0.20 [21.100]	-2.36 [334] ed3 [234,00] -2.86 [-12.33,6.27] -6.02 [2.86] e34 [2344,00]	-1.85 (3.33) 0.65 (3332.00)		000 (K.19) 696 (2323-00)	-0.12 [1.00] -0.00]* -1.00 [1.00] -0.00 [1.
EnrCoat Eng Non how White V. Perentation Debracies V. Product MacMondly Questionable	-243[-1249(44)] -034[483]		6.46(-11.97,25.16) 6.76 (6.47)	-2 M[-1233,6-27] -0.62 (4.60)	-3.45(-13.37,6.94) -0.65 (3.06)		676 [2325.00] 640[-11.97.25.36] 620 [647] 649 [2325.00]	-18(-1141).92 -077 [189]
Ear Cont Erro White Assertion V. Proventation Defender V. Product Markhaulte Constitutable	0.59 [2215.00] 221 - 628.11.20		6.29 (2525-00) - 8.20(-25.55.800)	0.54 [2314.00] 380[-5.74.11.74]	0.50 [2525.00] -1.16[-10.27.605]		0.29 (2323.00) -8.20(-23.51.8.00)	0.01 [2310.00] -0.20[-0.200.70]
	0.39 [232.00] 232[-6.35.130] 0.36 [2.0] 0.35 [232.00] 242[-6.95.1176] 0.31 [277] 0.61 [2325.00]		-23 (21138) -20 (23) -20 (33) -23 (21138) -23 (21138) -23 (21138) -23 (21138) -23 (21138)	031 [331130] 087 [436] 030 [331130] 189(-7433339] 033 [475] 072 [231100]	-0.35 (4.76) 0.80 (3343.00)		-19 (23134) -19 (23134) -19 (29) -19 (29)	-000 [L63] 000 [2344.00]
Ear-CoatEmpNon/onWhiteV.PrevalationDebasionV.EarnamedElack	2.42[-6.95,11.79] 9.31 [4.77]		1339[-139(3176] 143 [637]	1.68(-7.63,39.99) 9.33 [4.75]	624(-9.12,1039) 606 (5.80)		13.39[-4.96,30.36]	-0.0(-0031.0.00) -0.17 [4.04]
Ear-Coal Eng/White Assertion & Proceeding Delegative V Earness of Electronics	0.61 [2345.60] 6.36[-2.49.15.22]		6.13 [2045.00] 9.43[-K0026.83]	6.72 [2311:00] 5.88[-233,1149]	0.95 [2312.00] 1.96[-7.32,11.24]		0.15 [2325.00] 9.41[-8:00;20.81]	6.87 [2314.86] 1.32[-7.83,10.36]
Particular to Mark Paracolar Database Paracolar Dat	0.16 [2212.00]		1.00 [0.00] 0.29 [2345.00]	0.19 [2324.00]	6.61 [2.75] 0.65 [2312.00]		1.00 (KHN) 0.29 (2341.00)	6.36 [4.67] 6.79 [2314.66]
Ear-Coal EmpNosAmWhiteV. Preventation Defendor V. Ravenauer/Chinese	0.01 [312.00] 0.01 [312.00] 0.01 [312.00] 0.02 [312.00] 0.02 [312.00] 0.02 [312.00] 0.02 [312.00] 0.03 [312.00] 0.03 [312.00] 0.03 [312.00] 0.03 [312.00] 0.03 [312.00] 0.03 [312.00] 0.04 [312.00] 0.05 [312.00]		615 [2111:8] 514 500 629 [2151:8] 522 [642] 622 [642] 622 [2111:8] -872 544 632 [2111:8]	672 [231108] 306[-2311108] 619 [231108] 619 [231108] 613 [1408] 610 [231108] 618 [231108] 618 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108] 619 [231108]	- 1.00 [132] - 0.00 [232] - 0.0		9.11 200.20.81 1.00 60.01 0.29 23.11.00 2.17 90.73,20.00 0.22 90.01 0.92 23.11.00	0.00 [2014.00] 0.00 [4.07] 0.70 [2.014.00] 0.70 [2.014.00]
Ear-CoatEmpWhiteAsseriessV_PromissionDebusionV_EarnessedChiero	3.30(-3.42,14.42)		- K71[-3640,K62]	680(-2843491)	7.10[-2.30,16.00]		-8.70[-26.03,8.62] -6.90[8.84] -0.22 [2383.00]	6.74 [2311.66] 8.60[-1.33,17.26]+
Ear-Coat Erro Coates White V. Provolation Delevator V. Auronaudisches	023 [2345.00]		-099 (KA2) 032 (2045-00)	0.18 [2311.00]	0.14 (2343.00)		0.32 [2343.00]	0.09 [2311.00]
Ear-Coal Emplication White? Protestation Debugsier? Macronnov Business	0.31 [4:0]		0.32 (201.00) 0.30 (0.12) 0.30 (0.12) 0.72 (201.00) 2.27[-0.318,19.71] 0.23 (0.00) 0.00 (0.00)	0.27 [4.80]	139 (3.00)		3.36(-13.17.26.96) 0.36 (8.25) 0.72 (2333.06) 2.37(-13.36.36.71) 0.25 (8.96)	1.07 [1.00]
Ear-ContEmpWhite-Asserts and Jonnesia time Defension V. Jacone and Bullion	686[-265,13.75]		2.27[-13.18,19.71]	676[-206,3340]	T00[-236,3637]		227(-13.06.08.75)	6.96[-2.31,16.17]
Ear-CoatEngNon/on White's Product Markhooliy Questionable's Ziarrannelllack	0.13 [2212.00]		0.00 [2045.00]	0.13 [2314.00]	0.14 [2343.00]		0.80 [2321.00]	0.14 [2314.00]
	-1.07 [4.79]		1.32 (9.35) e.18 (935)	-1.52 (6.77) 6.13 (7334.00)	-0.41 [3.00]		1.32 (9.32)	-046 [L16]
Ear-Coat EmpWhite Assertion A.Product MacMorally Questionable V. Rarramord Electronic Coates and	-13 (315.00) -4.50[-13.51,250] -1.37 (3.70) -0.37 (315.00) -0.01 (3.01) -0.01 (3.01) -0.01 (3.01)		636 [212.56] 1.37 [6.25] 6.39 [212.56] -5.05 [-22.11.11.37] -6.06 [6.27] 6.30 [212.50] 6.30 [6.26] 1.00 [212.50]	434 -421,1329 102 (486)	0.11 [11.100] -2.12 [1.00] 0.87 [21.00] 0.87 [21.00] 0.87 [2.10] 0.32 [21.00] -1.07 [-1.00,27] -2.32 [1.07] 0.31 [21.00]		0.00 [232.00] 12.2[-0.01,35,75] 1.32 [0.27] 0.39 [232.00] -0.00 [0.27] -0.00 [0.27] 0.00 [0.20] 0.00 [0.20]	-12(-1286.E) -15(-1286.E) -15(-128.E) -15(-1136.E) -15(-1136.E) -15(-1136.E) -15(-1136.E)
Ear-CoatEmplicates White/ ProductMorkloods Questionable/ Ziarrasser/Chinese	0.33 [2345.00] -0.00[-0.32 0.00]		6.58 [2545.00] 0.80[-18.55.18.00]	0.33 [2311.00] 0.00[-0.41.075	0.33 [2325.00] -1475-11.40.****		0.00 [2323.00] 0.00[-18.00.18.09]	6.26 [2311.86] -1.56-11.26×**
	-031 [434] 039 [2345.00]		0.01 [9.29] 1.00 [2345.00]	000 [431] 100 [231100]	-0.83 [5.07] 0.71 [3365.00]			-0.32 [3.00] 0.75 [2314.00]
$Ear-Coat Eng/Ehite American V_p Product MacMorally Questionable V_p Harmann et Chinese$	200-200200		-13.42[-32.63,1.62]+ -1.25 [6.26] 6.06 [20.10.06] 5.36[-12.76,23.15] 0.37 [6.16]	6.11 [231456] -7.32 [-8.55,2.30] -1.32 [8.77] 6.11 [231450] 6.32 [-9.11,139] 6.32 [-9.11,130] 6.32 [-9.13,4.1] 6.30 [4.32] 6.30 [4.32] 6.31 [231450] 6.31 [231450] 6.31 [231450]	2.00[-0.20,12.21] 6.01 [2.00] 0.32 [2342.00] 0.30[-0.00,20.04] 6.20 [2.00]		-15.20 -33.65,1.40 +	1.30[-1.30,13.60] 0.30 [2.61] 0.30 [2311.80] 0.32[-9.80,30.60] 0.32 [4.80]
Ear-CoatEmpNonAm White V. Product Moddonally Questionable V. Karramer Barkan	0.53 [2345.80] -0.88[-13.05.34] -0.83 [4.79]		608 [2325.00] 5.20[-1276,23.15]	0.49 [2311.00] -1.39[-13.56,1.00] -0.00 [1.69]	0.32 (2342-00) 0.39(-8.68,20.64)		6 68 [2323.00] 5 20[-12 76 23 15] 6 37 [8 34]	0.32 [2311.86] 0.32[-9.86,30.05]
	-0.83 [4.79] 0.41 [2345.00]		0.37 [8.14] 6.37 [2343.06]	-6/90 [L69] 6/37 [2311/00]	6.29 [EXI] 0.84 [EXILOS		0.37 [9.34] 0.37 [2383-00]	0.33 [4.96] 0.90 [2344.66]
$Ear-Coat Exp(White Assertion V_p) value this Morally Openits with V_p) are named to the state of the state $	-0.82 [479] 0.12 [2015.00] 427[-124,1278] 0.00 [424] 0.12 [2015.00] 842[-0.14,1778]+ 1.85 [446]		037 [814] 037 [81500] -1234[-3894,230] -146 [846] 013 [281500] 1843[-7,8738,37] 114 [814]	-0.00 [LES] 0.37 [2314.00] 1.00 [-1.32] 0.25 [2314.00] 8.07[-1.02]37.15[+ 1.74 [4.63]	230 [230,00] 240 [230,00] 237 [230,00] 237 [230,00] 247 [230,00] 247 [230,00]		037 [034] 037 [232306] -1234[-2891.439] -1.86 [8.80] 013 [232306] 10.40[-7.47,38,37] 1.14 [014]	0.11 [2.02] 0.12 [2.12.02] 0.12 [2.12.02] 0.13 [2.12.02] 0.14 [2.02] 0.15 [2.02]
V. Francisco all rivers v. Frankrikke Manuli Questianski v. Jaconsov illinia	0.33 [2345.00] 843[-0.34,37.70]+		6.13 [2345.00] 19.43[-7.47,26.37]	6.25 [2311.00] 8.07[-1.02,17.15]+	0.32 [3343.00] 3.62[-3.75,13.36]		6.15 [2345-00] 10.45[-T.47,26.37]	6.13 [2316.00] 6.96[-6.96,16.00]
	1.85 [4.66] 0.06 [2245.00]		134 [614] 625 [234500]	1.74 [440] 669 [234400]	0.23 [2343-00]		134 [634] 625 [238566]	0.39 [2344.00] 0.39 [2344.00]
V. J. tronoutational behavior V. J. troduct Mark Monday Questionada by J. Lawrence C. Simon	0.00 [2345.00] 7.30[-1.96,16.34] 1.34 [4:62]		6.25 [2345.06] -8.05[-36.04,830] -6.86 [8.17]	171 [44] 500 [23140] 250 [-143163] 183 [40] 639 [23140] 735 [-133164] 183 [42] 639 [23140] -030 [-1433164] -041 [627]	9.33 [3343.06] 243[-6.85,32.13] 634 [4.84]		-8.85 [2343.66] -8.85 [-36.04,9.85] -6.86 [8.17]	0.39 [2344.00] 3.39[-5.86,32.86] 0.23 [4.26]
V. Frenchista district of V. Frenchistik olderally Questionable V. Borronne Badisa	0.12 [2345.00] T.80[-1.31,36.90]+		6.78 [2345.00] 4.80[-13.14,22.73]	0.39 [2311.00] 7.35[-1.51.36.61]	0.39 [2323.00] 473[-479,1430]		0.38 [2323.00] 4.80[-13.14,23.73]	6.27 [2316.00] 6.30[-6.96,13.00]
Ear-Coat Ever Von An White V Proceedings Delegated V Product Markhaulte Opening about V Assessmedilise's	0.32 [2323.86] 7.86[-1.31,36.80]+ 1.88 [242] 0.39 [2323.86] -2.32[-13.36,13.11] -0.33 [6.80]		-0.00 [0.17] 0.30 [2023:00] 0.32 [0.15] 0.03 [0.15] 0.00 [2023:00] -25.75] -10.000, 0.21] -1.00 [13.20]	0.30 [2311.00]	030 [234] 039 [232.00] 170[-179,1139] 039 [237] 033 [232.00] -037[-1193,1339] -0.37 [713]		-27.23(-21.23) -27.23(-21.23) -27.23(-21.23) -27.23(-21.23) -27.23(-21.23) -27.23(-21.23) -27.23(-21.23)	0.35 [2.36] 0.37 [2.36] 0.37 [2.36] 0.37 [2.36] 0.37 [2.36] 0.37 [2.36]
	-031 [630] -53[-1936]H[H]		-2173 -31.803.42 + -1.93 [13.33]	-63[-141],[E2] -63[627]	-0.12 [T.13]		-2.70(-10.80(0.02)+ -1.80(03.30)	0.18 [2.00] *76[-1333]1795]
Eur Cost Emp White Assertion V. France is in Defended V. Franke Chief Bendy Question delta V. France will be known than the property of the	-0.33 (8.86) 0.74 (20.33.86) -8.62 (-22.84.2.78) -1.52 (6.33) 0.33 (20.33.86) -0.37 (-1.880.8.46) -0.71 (6.73)		-140 [1130] -620 [201506] -620 [2015] -630 [17,40] -642 [201506] -742[-1337,1844] -637 [13,30]	-6.13 (6.71) 690 (2311.00) -1.26 (6.20) -1.16 (-1740) -1.17 (-1740) -1.17 (-1740) -1.17 (-1740) -1.17 (-1740) -1.17 (-1740)	-8.12 [713] 6.80 [2312.60] -2.27 [6.62] -2.27 [6.62] 6.27 [2362.00] 1.20[-12.62.13.00] 6.17 [7.60]		-180 [1330] 660 [231300] -620 [-2837,1433] -630 [2323] 662 [232300] -762[-3287,1464] -637 [1338]	0.36 [2.04] 0.36 [2.04.06] -0.31 [0.34] 0.37 [2.04.06] 1.71[-11.87,13.36] 0.25 [0.36]
Ear-Coat Environ by White V Proposition Delegated V Product Markhaule Openious (AV Accessor Chinese	0.13 [2343.00]		642 [2343-04]	6.14 [2344.00]	971 [330.00]		642 [232-00]	6.76 [2344.66]
	-0.71 [6.75]		-637 [13.39]	-0.00 (6.71) -0.00 (6.71)	6.17 (7.04) 0.00 (70.00)		-0.07 [13.39]	0.25 [6.96]
Ear Coat Emp White Associated Journal at a Defeater V. Journal Markhault Questionable V. Journaus White section 1. The content of the property of the proper	0.28 [2223.00] -7.30[-18.88.2.73] -1.20 [6.28] 0.22 [2223.00] 1.07[-8.28,18.27]		8.37 [2343.06] 28.71[-3.75,43.12]+ 1.66 [23.45] 6.19 [2343.06] -13.47[-39.56,12.65]	0.21 [2344.00] -0.70[-21.00[3.30] -1.49 [0.25]	0.90 [2302.00] -2.90[-13.71,18.00] -0.42 [6.37] 0.00 [2302.00] 0.30[-13.39,14.29]		637 [2323.06] 2673 [-5.76,43.12]+ 1.66 [12.20]	6.90 [2314.90] -4.90[-17.647.90] -6.75 [6.50]
Ear Coal Erro/Coal or Will of J. Proposition Defension's Product Manifesting Commissable V. Borranne Ballon	0.23 [2343.00] 160[-823.182 ⁻⁶]		6.39 (2345.00) -1347(-36.56.12 err	0.16 [2344.00]	0.00 (2323.00)		6.39 [2323.00]	200 234 m) 240
	0.75 (6.76)		-100 [13.30]	0.90 [6.75]	600 (7.11) and (77.00)		-1.00 [13.32] e.31 [3313.00]	0.30 [7.00] e.w. [7700.00]
Ear Coat Emp White American V Journation Defender V Jouland Morthwall Question above Jaconson Platform	0.73 [479] 0.23 [282.00] -5.39[-17.387.23] -0.82 [6.33] 0.21 [282.00]		-100 [3132] 0.27[-2370,3139] 0.02[-2370,3139] 0.02 [2323] 0.07 [2323,00]	-0.30(-1737,7.01)	605 (7.11) 6.96 (2343.00) -3.71 [-18.71,7.26] -6.96 (643) 6.29 (2343.00)		-100 [33.32] 0.32 [333.30] 0.47[-32.90,20.90] 0.94 [32.20] 0.97 [3343.90]	-58(-18716.8)
Willedon	0.61 [2262.00]	eos(oatost)***	697 (2025.00)	6.11 [2311.00] 6.00[0.01.0.07]	0.39 (2342.00)	nations and	697 (2325-00)	0.37 (2311.86) 0.39(0.87.0.11)
		602 [605] 602 [605] 602 [605]		0.00 [473] 0.00 [473] 0.00 [473] -0.01 [473] -0.01 [473] 0.01 [20100] 0.01 [20100] 0.00 [20100] 0.00 [20100]		6:00[0:06,0:30]**** 8:20 [6:00] 8:00 [2392:00] 3:13		8.20 [0.00]
SD (Interrept ID)	2.07		6.00	294	3.26		0.00	3.00 11.50
Non-Ole-	2396	2296	22.41 2365 6.568	2316 6-029 6-351	220	22%	22.41 2285 0.188	2395 0.002 0.112
85 (Jakowsys ES) 85 (Jakowsys ES) 7000 (Sin 82 (Jakows) 82 (Jako 83 (Jakows) 83 (Jako 84 (Jako 85	230 0.09 0.00 0.00 0.00 0.00 0.00 0.00	2286 6663 6661 1626.7	0.16K	6.039 6.162 56.396.7	2290 0.025 0.005 0.005	2286 6-027 6-094 5-625-9	0.18K	0.002 0.312 18361.3
AIC BIC SICC	93963 96974 63 1869		21.636.6		18998.1 61 11.13		20.838.8	183613 183662 63 1147
			22.21	0.1 10.62		0.1 11.36	22.21	
ECC EXHAUS: [ELeman] , indianna	13.69	0.1 10.76	22.21	20.42	11.15	11.36	22.33	11.67

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

No. of	17.7 july 100, 100, 100	1779ph	177.6340 18.80.606.007	200 pak	TO John	Williams Andreas	WAJAN MANAGEMENT	Williams
Northern Control of the Control of t	100 (-0.00 kg) (-0.00	100(000)	0.00 (0.00) 0.00 (0.00) 0.00 (0.00) 0.00 (0.00)	100,000 (c)	-0.0 (cm) -0.0 (cm) -0.0 (cm) -0.0 (cm) -0.0 (cm)	em (emen)	100 (100) 100 (100)	100,000
Restrictly Philosophia	10,0000		440 (Maria) -440 (Maria)	100,00000	1-00 (school) 1-00 (-3-00 (school) 1-00 (3-00)		- 10 (ME) - 10 (ME) - 10 (ME) - 10 (ME)	100 (000) 100 (000) 100 (000)
Womanian.	100,000		141 (141)	100,000,00			- 10 (100) - 10 (100)	100,000
Wednesday	100 (Marie)		-1 10 (10 to 10 t	a top Arman and a surface of the order and	10 (100)		- 1 NO - 10 ACC (17) - 1 NO 10 ACC (17) - 1 NO 10 ACC (17)	- 1 M(- 100 M) (1) - 1 M(-10) - 1 M(-10)
Windowskippi Windowskippi	100,000		100000				107 (100) 1 (0) (100) 1 (0) (100)	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10
Visconifica	100,000		100,000	100,000	1 40 (1000 m) 1 40 (1000 m)		100,000	100,100,100
*#www.files	-10 (Mari) -10 (Mari)			-10.7844 -10.7844				100,000
Vermelten	10,000		- 14 (14 (14 ()))	10,100	10000		- 1 at 100 at - 1 at - 10 at 10 at - 1 at 10 at	-1 (0) (100 L) -1 (0) (100 L) -1 (0) (100 L)
TWO	100 (00 to 0)		- 10 (10) - 10 (10)	100 (000 or	-00 -0 00 PT			-100 -000 mg
- Annual Control of the Control of t	100000		120(100)	100,000,00	AND DESCRIPTION OF THE PERSON		101300	100 (MILE)
Washing	-0.00 (0.00) -0.00 (0.00) -0.00 (0.00)		-0.00 (cm) -0.00 (cm) -0.00 (cm)	1.00 (000) 1.00 (000)	AND DOOR		-09 (10) 10 (00)	200 (000) 1 m (000 (0) 2 m (000 (0)
Westpeak	A RESIDENCE THE COLUMN TWO		100,000	100,000,00	100 (000)		100,000	na jeroni
Burthalling from the Park Commission States	Laciation of Carporal		1 (1) (100 (1) -1 (1) (100 (1) -1 (1) (100 (1)	CONTRACTOR OF THE PARTY OF THE				THE STREET
Barrier Bay Pitch teacher of physical absolute			100,000	10,000	100,000,000		100,000,000	1 NO. 4 MAJOR 100 (140)
Restrokyteakettii 17 okungariu	14194		-0.00 (0.00) -0.00 (0.00)	AND COUNTY AND STREET	14 (40)		- con book con phone	maj limijariki maj jakoniki
Santa Sapha bellin Tyrobola dosooyta	CATALOG STATE		1.00 (1.00)	A RECORD AND ADDRESS OF THE PERSON NAMED IN COLUMN ASSESSMENT OF THE PERSON NA	CONTRACTOR		AND DESCRIPTION OF THE PERSON	10000
No. Control of Control	APTRACT APTRACT		1.00 (0.00) 1.00 (0.00) -1.00 (0.00)	region) regional	ner janet ner jamening ner jamening		1 00 (100) 1 00 (100) 1 00 (100)	10000
Restriction to American State of the Control of the	1.0 (MIN) 105-15-15-1		1.00 (-10 (0.00) 1.00 (-10 (0.00) 1.00 (-10)	ENGAGES	1 to (should) 1 to (-1 to (s)) 1 to (-1 to (s))		n ne (neberal) n ne (neberal) land (neber	100 (de 10) 100 (de 10) 100 (de)
Burthallof Bhitanian Franciscopy	- 1 (F 245)		10000	-0.00	-1 to police		100000	-010, -0.00000 -010, -0.00000 -010, -0.00000
Washington Walangara			100.00		1 M (P (M (M))		100 (100 (10) (10) (10) (10) (10) (10) (100,000,000 000,000 000,000
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Section Response Control Prince and Plant			- 10 (m) - 10 (m) - 10 (m)	AR SHE	1 TO 1 TO 1 TO 1		-18 (str)	100,000
Burth Buffeld and only for committee	- 10 (MIN)		- 10 (100 m) - 10 (100 m)	-10 (MILE) -10 (MILE)	- 10 (MICH)		- 10 (MICH -10 (-10 (00.00)
Section September 19 Committees	10(000) 10(000)		1.00 (1.00 (0.00) 1.00 (1.00) (0.00) 1.00 (1.00)	TA SHE	1 M (1 M (1 M)		A SEC TRANSPORT	100,000
Rest to the plate to be to the place of the second the second the second to the second			100 000 00		-10 100		100 Marie 100 100 Marie 100 100 Marie 100	- married - married - married
turning and the same and the sa	10000		1.00 (0.00) 1.00 (0.00)	100,000	na jenel na jenel		10000	10000
Typestatethiostypessettet	10,000			10000	- 100 (100) 1 to (100) - 100; 100(10)		1 to 3 to 3 1 to 3 to 3 to 3 1 to 3 to 3 to 3 to 3	- CE(100) - CE(100) - CE(100)
Washington Washington			100 had 100 had 100 had 100 had	-0.00 -0.00	- 10 (100) - 10 (100) - 10 (100)		- 100 (100) 1 00 (100) 1 00 (100) 1 00 (100)	12 (de) 12 (de)
$\mathcal{T}_{p^{2}(m)}(x) = (x)^{\frac{1}{2}} \int_{\mathbb{R}^{n}} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) \left(\frac{1}{n} \right) \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) \left(\frac{1}{n} \right) $	- 10 (MILE)		110 (ME M) -110 (ME M) -110 (ME M)	10 (00 a) 10 (00 a) 10 (00 a)	1 of [artists] -1 de artists -1 of [artists]		- 10 (ME)	0.0 (M1.0) -0.0 -0.0(0) -0.0 (0.0)
*Probabilish Proceeding	- 10 (March		- 40 (10 mm m m)	-00-100 M	-10,000		- 10 January - 10	-147 - 14 M TOT
**************************************	176, April 16 541, 270 175, 280, 161		- A 10 (10 (10 ())) 1 (10 ()) 1 (THE PERSON NAMED IN			- 100 (100 (100) - 100 (100) - 100 (100)	100 (A
Waterwick Committee	- A ST (AST) A ST (AST) A ST (AST) A ST (AST)		- 10 had 100 pale of	- A B (10)	- 1 (0) (1 (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		- 10 (100) 1 (10) (100) 1 (10) (10) (10)	
Production register Processes*Trans	AND MAKE A		1.00 (A) 1.00 (A) 1.00 (A)	APPENDED	10 1000		100 3 20	10,000
Tylesboth Straight Open and Street	-10 March		100,000,00	10000	- 10 June 10 - 10 June 10 - 10 June 10		100,000	-10 (MILE) -10 (MILE)
Whitelestate	100 (MINUS) 100 (MINUS)		1 00 (1 00 m) 1 00 (1 00 m) 1 10 (1 00)	100,000			1 m (decid) 1 m 10 m (m m) 1 m 5 m	100 (400 (4) 100 (400 (4)
*Pole-factoroppe*Pole-mediate	140,140,160		140-120-00	100,000,000	10 300		100 (00000)	100,000,000
Windowski po Windowski po			100 (100 (0)) 1 (0) (0) 1 (0) (0)	-0.00 (FEB.00)			100, 10 (0.00) (14 (15) 1 (0.00)	- 100 - 10 to 100 - 100 - 100 - 100 - 100 - 100 - 100
				100000	10 100			18 (811)
	-115-F071170		100 (100) 100 (100)	100 (0.00) 100 (0.00) 100 (0.00)	-10,000		10(100)	- 10 (40 (4) - 10 (40 (4) - 10 (40 (4)
$A_{n+1}(x) = A_{n+1}(x) + A_{$	100,100,00		100,000,00	100,000,00	10 3000		A STATE OF	10 (00.00)
	entirement for a feet		100 (000 d) 100 - 01 6 (0 d) 107 (000)	-10,000 (c) -10,000 (c)	10 (400)		10,000	-10 (4014) -10 (4014) -2 (4014)
Name that the Associate of Parameters of Par	100 - 100 mm (m) 100 - 100 mm (m) 100 100 mm (m)		- 10 - 00 may 10 mg 10 m	CP (MICH)	- martine and a second		- 10 (10 mm) - 10 (10 mm)	-100 (100 to 10) -2 (0.00) -10 (100 to 10)
the control of the co	-18 314 10 (10 and		100 (000) 100 (000)	10,000	100 (100)		10 (000)	100,000
	100 hands		100 (000) 100 (000 (0) 100 (000 (0)	100 (100) 100 (100) 100 (100)	a to better at		A SE SECURIO A SE SECURIO A SE SECURIO	100(000)
			100 (0.00) 100 (0.00) 100 (0.00)	THE STATE OF	and placed			
$A_{n,n}(t) = A_{n,n}(t) + A_{$	1000		4 80 (10 to 10) -1 80 (10 to 10)	100 per 100 pe	- 1.00 (100 (10) - 1.00 (10) - 1.00 (10)		- 10 (street) - 10 (street)	-100 (dec.))
Burthallof Michigan of Production State (Personal State	AND SHALL		- 1 (1) - (1	A RECORD OF THE PARTY OF THE PA	100 000000			100 March
	10000			100,000				100,000
Sector Replacement Control of Con	14 (844) 14 (844)		10,000	1500	12 1000		-00315 103000 -003000	100,000
	AND THE RES		100 (000) 100 (000)		and provide			100,000,000
$\label{eq:constraint} A_{ij}(t) = A_{ij}(t) + A_{ij}$	14(MH) -18(MH) -18(MH)		100 (000 m) 100 (000 m) 100 (000)	10 (10 m) -10 (10 m) -10 (10 m)	- 10 (minut)		14 (A PARTY)	- 10 (March) - 10 (March)
	100,000		10 (10)	AND ASSESSED.	10,000		18(18)	100,000
Barthallopha hallopha hallopha hallopha na philipha na allopha nal	-10 (max ris)		10,000,00	ARCHARDS ARCHARDS	100 (100 (10)		100, (000,000) 100, (000,00) 100, (000,00)	- A Marine Street
Bartis Bartis Bartis Control Statement Conservation	-1934C		100 (000) 100 (000)	-45 htt	- 100 (100) 1 00 (100) 1 00 (100)		1.00(0.00) 1.00(0.00)	- F (Mark)
	entranti		100,000,00	THE STREET	- 14 [second - 14 [second - 15 [second		A SE SECOND	- (a) (m) - (a) (m) - (a) - (a) (a) (b) (b)
					THE PARTY			
	100,000		- 11 (100 m) - 110 (100 m) - 10 (100 m)	THE RESERVE	A DE LOCAL		- 10 (100 m) - 10 (100 m) - 10 (100 m)	100 (100 (10) 100 (100 (10)
Section September 19 September	-100 (March)		- 10 (10 to (-10 (0.00 (0.00) -10 (0.00) 10 (0.00)	- 11 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1		- 100 (20 Table) (4) - 100 (20 M) - 100 (20 M)	-0.00 (MIN)
	-170-074400 -140-040 -140-0404 -140-0404		100 (000 00) 110 (000 00) 111 (000 00)	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	10 100		10,000	100,000 100,00
	-18 915 10 (Mar)		100 (0.00)	1000	- 100 (cm) - 100 (cm) - 100 (cm)		-10(11.0) 1.0(10.0) 1.0(10.0)	- 0.00 (M/m) - 0.00 (M/m) - 0.00 (M/m)
				10 (00 pt)	10 100			10 (00.00)
	1		100 (000 00)	14 (100)	and particular and particular		- 10 (MICH) - 10 (MICH) - 10 (MICH)	and because and because
	100,470,000 (100,000) (100,000)		10 (40)	190, 470,000 64,000 100,000,00	170, 470,000 100 (100,000) 130 (100,000)		10 (41)	100, 100,000 (00,000) (00,000)
	- 10 (10 A)		1.0(.0)(0.0) 1.0(.0)(0.0) 1.0(.0)(0.0)		A DE PROPERTY AND A SECONDARY		1 (0) (0) (0) (0) 1 (0) (0) (0) 1 (0) (0) (0)	100 de marios 100 de marios
Tylendelia de la Contraction d	APPENDED		2.0 (100) 2.0 (100) 2.0 (100.0) 2.0 (100.0)	Tarina Tarina Tarina Tarina	100 p to (CAR SERVICES	10 (0 (0)) 10 (0) (0) 10 (0) (0)
Typestelectron Typestelectron (pt-Typestell term	man (aler) and (alers and many, destroy for any factories		100,000	THE SAME OF THE SA	10 3000			- 10 (MIN)
$T_{\theta}^{(i)}(x) = (x + i + i + i + i + i + i + i + i + i + $	10 (600) 10 (10 (6))		10 (00 d) -10 (00 d) -10 (00 d)	ENGLANCE.	1.00 (m/mm) 100(-0.000) 100 (s.10)		10 (000) -00 (000)	100 (Minus) 100 (App Minus) 100 (App)
*Production *Production *Production	-100 (MILES) -100 (MILES)		100 (000 m) 100 (000 m) 100 (000 m)					
	-19'-00's 10' -19'-00's 10' 19'-00's 10'		1 to 100 to 1 to 100 to	-00-00 mm	-100 -00 TO (10) -100 -00 TO (10) -100 -00 TO (10)		- 100 - 400 PM (40) - 4 0 PM (40) - 1 PM (40)	-10 -0 1111 -10 -0 1111 -10 -0 1111
	100 A STATE OF THE PARTY OF THE		-1 (0.00 mm m) -1 (1.00 mm) -1 (1.00 mm) -0 (1.00 mm)	100 (100 (1)) 100 (100 (1)) 100 (100 (1))	AND DESCRIPTION OF THE PERSON		10 3000 10 3000 10 3000	100,000
	entrail entrail		100 (0.00)	19(54) 14(55) 15(45)	10 (000)		- 10 (10 M) - 10 (10 M)	10000
			AND DESCRIPTION OF	100,000,000	10.000		100000	17 (00)
$(x_1, x_2, x_3, x_4, x_4, x_4, x_4, x_4, x_4, x_4, x_4$	1.0 (Max); -1.0 (Max); -1.0 (Max);		100 (000 d) 100 (000 d) 100 (000 d)	10 (80.0) -10 (80.00) -10 (80.00)			A SECURIOR S	19 (disc)
			- MAY - MARKET - 100 (MARK) - 100 (MARK)		10 000		- 10 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	CONTRACTOR CONTRACTOR
	- 0.00 - 0.00 (s) - 1.00 (s) - 1.00 (s)		national surjection	-0.00 (0.00) -0.00(-0.00(-0.00(- 100 - 10 (a) (a) - 107 (b) (a) - 107 (b) (a) - 107 (b) (a)		AND DESCRIPTION OF THE PERSON	-100 (100 (10) 100 (10) (10) 100 (10) (10)
	-18-34E		10,000	10,00	1 N (100 M)		AND DESCRIPTION OF THE PERSON	100 (0.00)
	-1 TO SEC.		100 (000) 100 (000) 100 (000)	-07 (44) -08 (464) -14 (464)	nabel sa presid secularisad		10 (00) 10 (00) 10 (00)	100 (Mar) 100 (Mar) 100 (Mar) 100 (Mar)
$(A_{ij})^{-1} = (A_{ij})^{-1} + (A_{ij})^{-1$			101 (000 a) 101 (000 a) 101 (000 a)	10 (00 of) -(1) -(1) (1) -(1) (1)	a m (immed) and, expensed into a set		THE STREET	10 (810) 10 (410) 10 (40)
			100 (MM M) -100 (MM M) -100 (MM M) -100 (MM M)		1.0 percent -1.0 percent -1.0 percent 1.0 percent			- 1 (0) (100 cm) - 2 (0) (100 cm) - 2 (0) (100 cm) - 2 (0) (100 cm)
	-000 -0 mart -0.000 -0.000		10 (100)	- 10 (10 (10 ()))	10 (100)		100000	-14(-00101) -14(-001 -14(-001)
	10 (MA)		20 (0.0) 10 (0.0)	10,000 10	10 (000) 10 (000)		- 10 (10 (10 (10 (10 (10 (10 (10 (10 (10	10 (10) 10 (10) 10 (10) 10 (10)
	10 (10 mil) 10 (10 mil) 10 (10 mil)		-00 (00) -00 (00) -00 (00)	14 (10) 14 (10) 15 (10)	10 (cm) 10 (cm)		110 (100 m) 110 (100 m)	management management
	100 (100 to 100			1.00 (March 10) 0.00 (March 10) 1.00 (March 10)				100 (000) 100 (000) 100 (000)
	10(000) 10(000) 10(00)		101 (800 d) 101 (100 d) 107 (100)	100 (600 d) 100 (100 d) 100 (100)	a se jelenski navi, o pasavnoj navi jenek		1.00 (Steel) 1.00 (Steel) 1.00 (Steel)	THE STREET
	-100 Principle -100 P		10 (10 A) 10 (10 A)		1 (0 (00000) 100 (100000) 100 (10000)		11 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (
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W (Merchan) Nacific Nacific	100 100			100	100	- 12		100
=	-	=		100	-	100		-
STATE (STATE) STATE (STATE) STATE (STATE)								**

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

(Intercept)	CC C path 26.16720.04.32.277***	CC B path 28.6427.04.30.245***	CC A path 16.176.05.26.29***	CC C' path 23.18[17.28.29.07]***	TC C path 27.31[21.11.33.51]***	TC B path 28.0226.37.29.67***	TC A path 16.176.05.26.26**	TC C' path 24.0018 10.29.95****
(insercept)	8.38 [3.12]	35.10 [0.82] 0.00 [2392.00]	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 [2356.00]
EXPGRP_TEXTWhite	0.00 [2357.00] -3.69[-9.25,1.88]	0.00 [2392.00]	0.00 [2357.00] -5.46[-14.11,3.19]	0.00 [2356.00] -2.66[-7.97,2.65]	0.00 [2357.00] 0.06[-5.62,5.75]	0.00 [2392.00]	0.00 [2357:00] -5.46[-14.11,3.19]	
	-1.30 [2.84] 0.19 [2357.00] 9.81[4.54,15.07]***		-1.24 [4.41] 0.22 [2357.00]	-0.98 [2.71] 0.33 [2356.00]	0.02 [2.90] 0.98 [2357.00] 8.58[3.30,13.86]**		-1.24 [4.41] 0.22 [2357.00]	0.43 [2.74] 0.67 [2356.00] 4.72[-0.40,9.84]+
V.Producteigarettes	9.81[4.54,15.07]*** 3.65 [2.68]		21.55[12.27,30.84]*** 4.55 [4.73]	6.28[1.14,11.41]* 2.49 [2.62]	3 19 [2 69]		21.55[12.27,30.84]*** 4.55 [4.76]	4.72[-0.40,9.84]+
V.Producthardwaresupplies	0.00 [2357.00] -0.29[-5.64,5.05]		0.00 [2357.00] 3.63[-5.82,13.07]	0.02 [2356.00] -0.78[-5.98,4.42]	0.00 [2357.00] 0.01[-5.36,5.37]		0.00 [2357.00] 3.63[-5.82,13.07]	1.81 [2.61] 0.07 [2356.00] -0.51[-5.69,4.67]
A TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP	-0.11 [2.73]		0.75 [4.82]	-0.29 [2.65]	0.00 [2.74]		0.75 [4.82]	
V_Producttoiletpaper	0.91 [2357.00] 2.50[-2.73,7.72]		0.45 [2357.00] 19.54[10.32,28.75]***	0.77 [2356.00] -0.72[-5.82,4.38]	1.00 [2357.00] 4.01[-1.23,9.26]		0.45 [2357.00] 19.54[10.32,28.75]***	0.85 [2356.00] 0.48[-4.60,5.56]
	0.94 [2.66] 0.35 [2357.00] -1.63[-6.86,3.59]		4.16 [4.70] 0.00 [2357.00] -2.38[-11.61,6.85]	-0.28 [2.60] 0.78 [2356.00] -1.06[-6.14,4.02]	1.50 [2.67] 0.13 [2357.00]		4.16 [4.70] 0.00 [2357.00] -2.38[-11.61,6.85]	0.19 [2.59] 0.85 [2356.00] -0.30[-5.37,4.77]
V_RacensmefBlack				-1.06[-6.14,4.02] -0.41 [2.59]	-0.93[-6.17,4.32]			
V.Racename/Chinese	0.54 [2357.00] -2.03[-7.20,3.15]		0.61 [2357.00] -5.34[-14.45,3.77]	0.68 [2356.00] -0.96[-5.98,4.07]	0.73 [2357.00] -0.03[-5.21,5.16]		0.61 [2357.00] -5.34[-14.45,3.77]	0.91 [2356.00] 1.15[-3.87,6.16]
The second second								
V_RacensmefIndian	0.44 [2357.00] 0.00[-5.47,5.48]		0.25 [2357.00] -4.37[-14.04,5.29]	0.71 [2356.00] 0.78[-4.54,6.10]	0.99 [2357.00] -0.10[-5.59,5.39]		0.25 [2357.00] -4.37[-14.04,5.29]	0.65 [2356.00] 0.74[-4.56,6.05]
	0.00 [2.79] 1.00 [2357.00] 0.15[0.06,0.25]**		-0.89 [4.93] 0.38 [2357.00] 0.09[-0.08,0.26]	0.29 [2.71] 0.77 [2356.00] 0.14[0.04,0.23]**	-0.04 [2.80] 0.97 [2357.00] 0.11[0.01,0.20]*		-0.89 [4.93] 0.38 [2357.00] 0.09[-0.08,0.26]	0.27 [2.71] 0.78 [2356.00] 0.09[0.00,0.18]+
V _e Age				2.90 (0.05)				
V.Locationinthecity	0.00 [2357.00] 0.29[-0.99,1.56]		0.32 [2357.00] 0.14[-2.11,2.39]	0.00 [2356.00] 0.35[-0.89,1.59]	0.03 [2357.00] 0.06[-1.22,1.34]		0.32 [2357.00] 0.14[-2.11,2.39]	0.05 [2356.00] 0.14[-1.09,1.37]
				0.56 (0.63)				
V_Locationnearby	0.66 [2357.00] -0.36[-1.65,0.93]		0.90 [2357.00] -1.12[-3.40,1.16]	0.58 [2356.00] -0.12[-1.37,1.14]	0.93 [2357.00] -0.60[-1.89,0.69]		0.90 [2357.00] -1.12[-3.40,1.16]	0.82 [2356.00] -0.32[-1.57,0.93]
	-0.55 [0.66] 0.58 [2357.00] 1.08[-0.19,2.35]+		-0.96 [1.16] 0.33 [2357.00] 1.50[-0.75,3.75]	-0.18 [0.64] 0.86 [2356.00] 0.84[-0.39,2.08]	-0.91 [0.66] 0.36 [2357.00] -0.08[-1.35,1.20]		-0.96 [1.16] 0.33 [2357.00] 1.50[-0.75,3.75]	-0.50 [0.64] 0.62 [2356.00] -0.33[-1.56,0.90]
V_StoreTypedepartmentstore	1.66 (0.65)		1.30 [1.15]	1.34 (0.63)	-0.12 [0.65]		1.30 [1.15]	
V.StoreTypesupermarket	0.10 [2357.00] 1.29[0.02,2.57]*		0.19 [2357.00] 1.43[-0.83,3.68]	0.18 [2356.00] 1.09[-0.15,2.32]+	0.91 [2357.00] 0.92[-0.36,2.20]		0.19 [2357.00] 1.43[-0.83,3.68]	0.60 [2356.00] 0.69[-0.54,1.93]
· power - y prompto data data	1.99 [0.65] 0.05 [2357.00]		1.43[-0.83,3.68] 1.24 [1.15] 0.21 [2357.00]		1.41 [0.65] 0.16 [2357.00]		1.24 [1.15]	1.10 [0.63] 0.27 [2356.00]
EXPGRP_TEXTWhiteV_Producteigurettes	1.91 [-4.49.8.31]		1.10[-10.20,12.40]	0.09 [2356.00] 1.72[-4.51,7.94]	-1.38[-7.81,5.04]		0.21 [2357.00] 1.10[-10.20,12.40]	-1.58[-7.78, 4.63]
	0.58 [3.27] 0.56 [2357.00]		0.19 [5.76] 0.85 [2357.00]	0.54 [3.17] 0.59 [2356.00]	-0.42 [3.28] 0.67 [2357.00]		0.19 [5.76] 0.85 [2357.00]	-0.50 [3.16] 0.62 [2356.00]
${\bf EXPGRP_TEXTWhiteV_Producthardware supplies}$	1.72[-4.70,8.14]		2.27[-9.06,13.61] 0.39 [5.78]	1.10[-5.14,7.34] 0.34 [3.18]	0.02[-6.42,6.46]		2.27[-9.06,13.61] 0.39 [5.78]	-0.66[-6.88,5.56] -0.21 [3.17]
EXPGRP,TEXTWhiteV,Producttoiletpaper	0.52 [3.27] 0.60 [2357.00] 1.49[-4.84,7.81]		0.69 [2357.00] 1.15[-10.01,12.32]	0.73 [2356.00] 1.17 [-4.98,7.32]	1.00 [2357.00] -2.81[-9.16,3.54]		0.69 [2357.00] 1.15[-10.01,12.32]	0.84 [2356.00] -3.14[-9.27,2.99]
and the grant wast of the strong popular	0.46 [3.23] 0.65 [2357.00]		0.20 [5.69] 0.84 [2357.00]	0.37 [3.14] 0.71 [2356.00]	-0.87 [3.24] 0.38 [2357.00]		0.20 [5.69]	
EXPGRP_TEXTWhiteV_RaccuamefBlack	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]	0.31 [2356.00] -0.05[-6.18,6.08]
	1.15 [3.23] 0.25 [2357.00] 4.28[-2.05,10.61]		0.32 [5.70] 0.75 [2357.00]	1.04 [3.13] 0.30 [2356.00]	0.14 [3.24] 0.89 [2357.00]		0.32 [5.70] 0.75 [2357.00]	-0.02 [3.13] 0.99 [2356.00]
${\bf EXPGRP_TEXTWhiteV_Race name fChinese}$	4.28[-2.05,10.61] 1.33 [3.23]		6.98[-4.19,18.14]	2.92[-3.24,9.07] 0.93 [3.14]	0.04[-6.31,6.39]		6.98[-4.19,18.14]	-1.45[-7.59,4.68] -0.46 [3.13]
EXPGRP,TEXTWhiteV,Rucenamefindian	0.18 [2357.00] 1.75[-4.78,8.29]		0.22 [2357.00] 7.53[-4.00,19.06]	0.35 [2356.00] 0.47[-5.88,6.82]	0.99 [2357.00] -1.77[-8.32,4.79]		0.22 [2357.00] 7.53[-4.00,19.06]	0.64 [2356.00] -3.15[-9.48,3.18]
and the proof when the continues and	0.53 [3.33] 0.60 [2357.00]		1.28 [5.88] 0.20 [2357.00]	0.15 [3.24] 0.88 [2356.00]	-0.53 [3.34] 0.60 [2357.00]		1.28 [5.88] 0.20 [2357.00]	-0.97 [3.23] 0.33 [2356.00]
V_ProductcigarettesV_RucenamefBlack	0.75[-6.74,8.24]		-3.22[-16.39,9.95]	1.17[-6.11,8.45]	-1.09[-8.61,6.42] -0.29 [3.83]		-3.22[-16.39,9.95]	-0.64[-7.90, 6.61]
	0.20 [3.82] 0.84 [2357.00]		-0.48 [6.72] 0.63 [2357.00]	0.32 [3.71] 0.75 [2356.00]	0.78 [2357.00]		-0.48 [6.72] 0.63 [2357.00]	-0.17 [3.70] 0.86 [2356.00]
$V_{\bullet} Producthardware supplies V_{\bullet} Racename dBlack$	0.46[-7.39,8.32] 0.12 [4.01]		-2.88[-16.64,10.88] -0.41 [7.02]	0.72[-6.91,8.35] 0.18 [3.89]	1.36[-6.53,9.25]		-2.88[-16.64,10.88] -0.41 [7.02]	1.65[-5.97,9.26] 0.42 [3.88]
V_ProducttoiletpaperV_RacensmefBlack	0.91 [2357.00] 3.76[-3.85,11.38]		0.68 [2357.00] -4.99[-18.38,8.39]	0.85 [2356.00] 4.31[-3.09,11.71]	0.74 (2357 00)		0.68 (2257.00)	0.67 22356 000
4 to control of the c	0.97 [3.88] 0.33 [2357.00]		-0.73 [6.82] 0.46 [2357.00]	1.14 [3.77] 0.25 [2356.00]	0.82[-6.83,8.46] 0.21 [3.90] 0.83 [2357.00]		-4.99[-18.38,8.39] -0.73 [6.82] 0.46 [2357.00]	1.41[-5.97,8.79] 0.38 [3.76] 0.71 [2356,00]
V_ProductcigarettesV_RucenamefChinese	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] 0.36 [2357.00]		-0.56 [6.96] 0.57 [2357.00]	1.02 [3.86] 0.31 [2356.00]	0.31 [3.99] 0.76 [2357.00]		-0.56 [6.96] 0.57 [2357.00]	0.40 [3.85] 0.69 [2356.00]
$V_Producthardware supplies V_Racename \theta Chinese$	2.48[-5.12,10.08] 0.64 [3.87] 0.52 [2357.00]		5.14[-8.19,18.48] 0.76 [6.80]	1.50[-5.88,8.88] 0.40 [3.76]	2.13[-5.50,9.75] 0.55 [3.89]		5.14[-8.19,18.48] 0.76 [6.80]	1.03[-6.33,8.39] 0.27 [3.75]
V.ProducttoiletoanerV.BacemanefChinese	0.52 [2357.00]							
A Transcription of Programme Communications	-2.23[-9.83,5.38] -0.57 [3.88] 0.57 [2357.00]		-0.27[-13.58,13.05] -0.04 [6.79] 0.97 [2357.00]	-2.37[-9.76,5.01] -0.63 [3.77] 0.53 [2356,00]	-3.51[-11.14,4.13] -0.90 [3.89] 0.37 [2357.00]		-0.27[-13.58,13.05] -0.04 [6.79] 0.97 [2357.00]	-3.65[-11.02,3.72] -0.97 [3.76] 0.23 [2356,00]
V_Product.cigarettesV_RacenamefIndian	-1.82[-9.61,5.97] -0.46 [3.97]		4.99[-8.67,18.65] 0.72 [6.97]	-2.73[-10.30,4.83] -0.71 [3.86]	-2.73[-10.55,5.09]		4.99[-8.67,18.65] 0.72 [6.97]	-3.73[-11.27,3.82] -0.97 [3.85]
					-2.73[-10.55,5.09] -0.69 [3.99] 0.49 [2357.00]			
$V_Producthardware supplies V_Racename find is a$	2.56[-5.13,10.24] 0.65 [3.92]		2.40[-11.13,15.93] 0.35 [6.90]	2.01[-5.45,9.48] 0.53 [3.81]	2.03[-5.68,9.74] 0.52 [3.93]		2.40[-11.13,15.93] 0.35 [6.90]	1.41[-6.03,8.86] 0.37 [3.80]
V.ProducttoiletpaperV.RacenamefIndian	0.51 [2357.00] -1.48[-9.29.6.34]		0.73 [2357.00]	0.60 [2356.00] -1.57[-9.16,6.02]				
4.71 september of the s	-0.37 [3.99] 0.71 [2357.00]		0.14 [6.99]	-0.40 [3.87]	-2.51[-10.35,5.33] -0.63 [4.00] 0.53 [2357.00]		0.95[-12.75,14.65] 0.14 [6.99] 0.89 [2357.00]	-2.57[-10.14,5.01] -0.66 [3.86] 0.51 [2356.00]
EXPGRP_TEXTWhiteV_ProducteigazettesV_RacenamefBlack	0.71 [2357.00] -8.23[-17.43,0.96]+ -1.76 [4.69]		0.89 [2357.00] -1.22[-17.37,14.94] -0.15 [8.24]	0.09 [2356.00] -8.06[-16.99,0.87]+ -1.77 [4.55]	0.53 [2357.00] -2.78[-12.00,6.45] -0.59 [4.70]		0.89 [2357.00] -1.22[-17.37,14.94] -0.15 [8.24]	0.51 [2356.00] -2.61[-11.52,6.30] -0.57 [4.54]
	0.08 [2357.00]						0.88 [2357.00]	0.57 (2356.00)
EXPGRP.TEXTWhite V.Producthardware supplies V.Racenome fBlack	-1.55[-11.00,7.89] -0.32 [4.82]			-1.75[-10.92,7.42] -0.37 [4.68] 0.71 [2356.00]	-1.24[-10.72,8.24] -0.26 [4.85]			-1.49[-10.64,7.66] -0.32 [4.67]
EXPGRP-TEXTWhiteV-ProducttoiletpaperV-RacemannefBlack			0.37 [8.44] 0.71 [2357.00] 3.55[_12.79.19.89]	0.71 [2356.00] _8 0%_17 02 0 0%	0.80 [2357.00]		0.37 [8.44] 0.71 [2357.00] 3.55[_12.72.19.83]	0.75 [2356.00]
and the react whitever constitutes paper version and Black	-7.74[-17.01,1.52] -1.64 [4.72]		3.55[-12.72,19.82] 0.43 [8.30] 0.67 [2357.00]	-8.03[-17.02.0.97]+ -1.75 [4.59] 0.08 [2356.00]	-1.93[-11.23,7.36] -0.41 [4.74]		3.55[-12.72,19.82] 0.43 [8.30] 0.67 [2357.00]	-2.26[-11.23,6.72] -0.49 [4.58] 0.62 [2356.00]
EXPGRP.TEXTWhiteV.ProductcigarettesV.RacenamefChinese	0.10 [2357.00] -11.48[-20.90,-2.07]*				0.68 [2357.00] -4.68[-14.13,4.77]			-3.30/-12.42.5.83
	-2.39 [4.80] 0.02 [2357.00]		-0.76 [8.42] 0.45 [2357.00]	-2.19 [4.66] 0.03 [2356.00]	-4.68[-14.13,4.77] -0.97 [4.82] 0.33 [2357.00]		-0.76 [8.42] 0.45 [2357.00]	-0.71 [4.65] 0.48 [2356.00]
${\bf EXPGRP.TEXTWhiteV.Producthardware suppliesV.Racenome Chinese}$			-4.28[-20.62,12.06] -0.51 [8.33] 0.61 [2357.00]	-2.56[-11.60,6.48] -0.55 [4.61] 0.58 [2356.00]	-3.59[-12.93,5.75] -0.75 [4.76] 0.45 [2357.00]		-4.28[-20.62,12.06] -0.51 [8.33] 0.61 [2357.00]	-2.38[-11.39,6.64] -0.52 [4.60]
	-0.77 [4.75] 0.44 [2357.00]		0.61 [2357.00]	0.58 [2356.00]	0.45 [2357.00]		0.61 [2357.00]	0.61 (2356.00)
${\bf EXPGRP.TEXTWhiteV.Product to det poper V.Racename f Chinese}$	-1.45[-10.73,7.84] -0.31 [4.74]		-5.65[-21.92,10.62] -0.68 [8.30] 0.50 [2357.00]	-0.27[-9.29,8.75] -0.06 [4.60] 0.95 [2356.00]	2.84[-6.48,12.17]		-5.65[-21.92,10.62] -0.68 [8.36]	4.12[-4.88,13.12] 0.90 [4.50]
EXPGRP.TEXTWhiteV.ProductcigacettesV.RacenamefIndian	0.76 [2357.00] -5.31[-14.77,4.14]			0.95 [2356.00] -2.77[-11.96,6.42] -0.59 [4.69]	0.55 [2357.00] 0.15[-9.34,9.64]		0.50 [2357.00] -15.09[-32.28.0.89[+	0.37 [2356.00] 2.90[-6.27,12.07]
	-1.10 [4.82] 0.27 [2357.00]		-1.86 [8.46] 0.06 [2357.00]	-0.59 [4.69] 0.55 [2356.00]	0.03 [4.84] 0.98 [2357.00]		-1.86 [8.46] 0.06 [2357.00]	0.62 [4.68] 0.54 [2356.00]
${\bf EXPGRP.TEXTWhiteV.Producthardware supplies V.Racenome fludian}$	-2.80[-12.08,6.48] -0.59 [4.73]		-0.14[-16.48,16.19] -0.02 [8.33]	-2.58[-11.60,6.44]	-1.46[-10.77,7.86] -0.31 [4.75]		-0.14[-16.48,16.19] -0.02 [8.33]	-1.22[-10.22,7.77]
PERSONAL PROPERTY AND ADDRESS OF THE PERSONAL PR	0.55 [2357.00]		-0.02 [8:33] 0.99 [2357:00] -6.84[-23:37,9:70]	-0.56 [4.60] 0.57 [2356.00] -0.36[-9.52,8.80]	-0.31 [4.75] 0.76 [2357.00] 4.15[-5.31,13.61]		-0.02 [8:33] 0.99 [2357.00] -6:84[-23:37,9:70]	-0.27 [4.59] 0.79 [2356.00] 5.30[-3.84,14.43]
${\bf EXPGRP_TEXTWhiteV_Product to ill et poper V_Race unmeffn don$	-1.46[-10.89,7.96] -0.30 [4.81]				0.86 [4.83]		-0.81 [8.43]	
MorallyWrong	0.76 [2357.00]	0.19[0.17,0.21]***	0.42 [2357.00]	0.94 [2356.00] 0.17[0.15,0.19]***	0.39 [2357.00]	0.19[0.17,0.21]***	0.42 [2357.00]	0.26 [2356.00] 0.19[0.16,0.21]***
								15.54 [0.01] 0.00 [2356.00]
SD (Intercept ID)	19.40	0.00 [2392.00] 17.68	20.31	0.00 [2356.00] 17.82	20.44	0.00 [2392.00] 18.47	20.31	18.57
SD (Observations) Num.Obs.	11.25 2396	11.27 2396	20.34	10.96 2396	11.28 2396	11.04 2396	29.34 2396	10.91 2396
Num. One. R2 Marg. R2 Cond.	0.027 0.755	0.068 0.731	0.077 0.538	0.079 0.748	0.014 0.770	0.067 0.754	0.077 0.538	0.073 0.762
AIC	19883.3	19847.8	22110.9	19700.8	19948.1	19817.7	22110.9	19730.2
BIC ICC	20 108.7 0.7	19 870.9 0.7	22336.4 0.5	19932.0 0.7	20173.6 0.8	19840.8 0.7	22336.4 0.5	19961.5 0.7
RMSE	9.78	9.91	18.04	9.53	9.79	9.60	18.04	9.48

p.vahue, [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]*** 8.44 [3.10] 0.00 [2359.00]	28.64[27.04,30.24]*** 35.10 [0.82] 0.00 [2292.00]	15.87[5.84,25.90]** 3.10 [5.12] 0.00 [2359.00]	23.26[17.41,29.11]*** 7.80 [2.98] 0.00 [2358.00]	27.27[21.16.33.38]*** 8.75 [3.12] 0.00 [2361.00]	28.02[26.37,29.67]*** 33.29 [0.84] 0.00 [2202.00]	16.83[6.88,26.77]*** 3.32 [5.07] 0.00 [2361.00]	24.87[19.75,29.99]** 9.52 [2.61] 0.00 [2374.00]
EXPGRP_TEXTWhite		0.00 [2392.00]	-5.48[-14.13.3.17]			0.00 [2202.00]		-0.12[-3.66.3.42]
V.Productoirarettes	-1.30 [2.84] 0.19 [2359.00] 9.80[4.53.15.00]		-1.24 [4.41] 0.21 [2359.00] 21.52[12.24.30.80]***	-0.97 [2.71] 0.33 [2358.00] 6.28[1.14.11.41]*	0.00 [2.90] 1.00 [2361.00] 8.69(3.42.13.97)***		-1.24 [4.41] 0.21 [2361.00] 21.56[12.28.30.84]***	-0.07 [1.81] 0.95 [2374.00] 3.660.72.6.60*
V_Product cigarettes	3.65 (2.68)		21.52[12.24,30.80]*** 4.55 [4.73] 0.00 [2359.00]	6.28[1.14,11.41]* 2.40 [2.62] 0.02 [2358.00]	8.69[3.42,13.97]** 3.23 [2.69] 0.00 [2361.00]		21.56[12.28,30.84]*** 4.56 [4.73] 0.00 [2361.00]	3.66[0.72,6.60]* 2.44 [1.50] 0.01 [2374.00]
V_Producthardwaresupplies	0.00 [2359.00] -0.33[-5.67,5.02]		3.53[-5.91,12.97]	-0.79[-5.99,4.40]	0.03[-5.34,5.39]		3.58 - 5.86.13.02	-0.89[-3.75, 1.98]
	-0.12 [2.73] 0.90 [2359.00]		0.73 [4.82] 0.46 [2359.00]	-0.30 [2.65] 0.77 [2358.00]	0.01 [2.74] 0.99 [2361.00]		0.74 [4.81] 0.46 [2361.00]	-0.61 [1.46] 0.54 [2374.00]
V_Producttoiletpaper	2.59[-2.63,7.86] 0.97 [2.66]		19:67[10:46,28:87]*** 4:19 [4:69]	-0.64[-5.73,4.45] -0.25 [2.60]	4.17[-1.96,9.41] 1.56 [2.67]		19.66[10.45,28.86]*** 4.19 [4.69]	-1.59[-4.47,1.30 -1.08 [1.47]
/"RacenomefBlack	0.33 [2359.00] -1.55[-6.77,3.68]		0.00 [2359.00] -2.22[-11.45,7.00]	0.80 [2338.06] -0.99[-6.07,4.09]	0.12 [2361.00] -0.78[-6.02,4.46]		0.00 [2361.00] -2.11[-11.33,7.12]	0.28 [2374.00] -0.34[-3.18,2.51
	-0.58 [2.66] 0.56 [2359.00] -1.90[-7.16,3.18]		-0.47 [4.70] 0.64 [2339.00] -5.29[-14.39,3.82]	-0.38 [2.59] 0.70 [2358.00] -0.92[-5.95,4.10]	-0.29 [2.67] 0.77 [2361.00] 0.02[-5.16,5.21]		-0.45 [4.70] 0.65 [2361.00]	-0.23 [1.45] 0.82 [2374.00] 0.16[-2.71,3.03]
V_RacenomefChinese							-5.29[-14.40,3.81] -1.14 [4.64]	
V.Racenomeffedian	0.45 [2359.00] 0.06[-5.41,5.52]		0.26 [2359.00] -4.36[-14.02,5.29]	0.72 [2358.00] 0.85[-4.46,6.16]	0.99 [2361.00] -0.02[-5.50,5.47]		0.25 [2361.00] -4.36[-14.01,5.30]	0.91 [2374.00] -1.35[-4.23,1.53
- And the second	0.02 [2.79] 0.98 [2359.00]		-0.89 [4.92] 0.38 [2359.00]	0.31 [2.71] 0.75 [2358.00]	-0.01 [2.80] 1.00 [2361.00]		-0.88 [4.92] 0.38 [2361.00]	-0.92 [1.47] 0.36 [2374.00]
V_Age	0.15(0.05.0.25)**							
	3.08 [0.05] 0.00 [2359.00]		0.98 [0.09] 0.33 [2359.00]	2.89 [0.05] 0.00 [2358.00]	2.21 [0.05] 0.03 [2361.00]		0.98 [0.09] 0.33 [2361.00]	1.99 [0.05] 0.05 [2374.00]
V_StoreTypedepartmentstore	1.07[-0.20,2.34]+ 1.65 [0.65] 0.10 [2359.00]		1.47[-0.78,3.72] 1.28 [1.15] 0.20 [2359.00]	0.84[-0.40,2.07] 1.33 [0.63] 0.18 [2358.00]				
V_StoreTypeenpermarket				0.18 [2358.00] 1.07[-0.17,2.31]+ 1.70 [0.63]				
	1.97 [0.65]		1.23 [1.15] 0.22 [2359.00]					
EXPGRP_TEXTWhiteV_Producteigazettes	2.00[-4.40,8.40] 0.61 [3.26]		1.32[-9.97,12.61] 0.23 [5.76]	1.76[-4.46,7.97] 0.56 [3.17]	-1.24[-7.66,5.18] -0.38 [3.27] 0.71 [2361.00]		1.36[-9.93,12.65] 0.24 [5.76]	
EXPGRP_TEXTWhiteV_Producthardwaresupplies	0.54 (2359.00)				0.71 [2361.00]			
	1.72[-4.69,8.14] 0.53 [3.27] 0.60 [2359.00]		2.30[-9.03,13.64] 0.40 [5.78] 0.69 [2339.00]	1.09[-5.15,7.33] 0.34 [3.18] 0.73 [2358.00]	0.11[-6.33.6.55] 0.03 [3.28] 0.97 [2361.00]		2.27[-9.07,13.00] 0.39 [5.78] 0.69 [2361.00]	
EXPGRP_TEXTWhiteV_Producttoiletpaper	0.60 [2359.00] 1.44[-4.87,7.76] 0.45 [3.22]		0.69 [239.00] 1.22[-9.92,12.36] 0.21 [5.68]	0.73 [2338.00] 1.09[-5.05,7.22] 0.35 [3.13]	0.97 [2361.00] -2.78[-9.12,3.56] -0.86 [3.23]		0.69 [2361.00] 1.22[-9.92,12.36] 0.22 [5.68]	
	0.45 [3.22] 0.65 [2359.00] 3.72[-2.60,10.04]		0.21 [5.68] 0.83 [2359.00] 1.86[-9.30,13.03]	0.35 [3.13] 0.73 [2358.00] 3.22[-2.92,9.37]	-0.86 [3.23] 0.39 [2361.00] 0.44[-5.90,6.79]		0.22 [5.68] 0.83 [2361.00] 1.76[-9.40,12.93]	
EXPGRP_TEXTWhiteV_RucenamefBlack								
EXPGRP_TEXTWhiteV_RacenamefChinese	0.25 [2359.00] 4.30[-2.02,10.63] 1.33 [3.22]		0.74 [2359.00] 7.10[-4.06,18.25] 1.25 [5.69]	0.30 [2358.00] 2.90[-3.25,9.05]	0.89 [2361.00] 0.18[-6.17,6.53]		0.76 [2361.00] 7.16[-3.99,18.31] 1.26 [5.69]	
	0.18 [2359.00]		0.21 [2359.00]	0.92 [3.13] 0.36 [2358.00]	0.06 [3.24] 0.96 [2361.00]		0.21 [2361.00]	
EXPGRP_TEXTWhiteV_RacenamefIndian	1.68[-4.83,8.19]			0.36[-5.97,6.69]	-1.70[-8.24,4.83] -0.51 [3.33]		7.53[-3.97,19.03]	
V.ProductciearettesV.RaconamefBlack	0.61 [2359.00]		1.29 [5.87] 0.20 [2359.00] -3.26[-16.43.9.91]	0.91 [2358.00] 1.13[-6.14.8.41]	0.61 [2361.00]		0.20 [2361.00]	-2.34[-6.53.1.85
V. I miningarina Committant	0.72[-6.77.8.21] 0.19 [3.82] 0.85 [2339.00]		-0.49 [6.71] 0.63 [2359.00]	0.31 [3.71] 0.76 [2358.00]	-1.30[-8.81,6.21] -0.34 [3.83] 0.73 [2361.00]		-3.45[-16.61,9.71] -0.51 [6.71] 0.61 [2361.00]	-1.10 [2.14] 0.27 [2374.00]
V.Producthardwaresupplies V.RacenamedBlack	0.47[-7.38,8.32] 0.12 [4.00]		-2.78[-16.54,10.97] -0.40 [7.01]	0.70[-6.93,8.32] 0.18 [3.89]			-3.21[-16.95,10.53]	0.66[-3.55,4.87] 0.31 [2.15]
					0.30 [4.02] 0.77 [2361.00]		-3.21[-16.95,10.53] -0.46 [7.01] 0.65 [2361.00]	
V.ProducttoiletpaperV.RacenamefBlack	3.62[-3.99,11.23] 0.93 [3.88]		-5.22[-18.59,8.15] -0.77 [6.82]	4.19[-3.20,11.58] 1.11 [3.77]	0.66[-6.98,8.20] 0.17 [3.90]		-5.24[-18.61,8.13] -0.77 [6.82]	-0.09[-4.28,4.10 -0.04 [2.14]
V.ProducteigarettesV.RacenamefChinese	0.35 [2359.00] 3.71[-4.09,11.50] 0.93 [3.97]		0.44 [2359.00] -3.80[-17.45,9.85] -0.55 [6.96]	0.27 [2358.00] 3.99[-3.58,11.55] 1.03 [3.86]	0.87 [2361.00] 1.08[-6.74,8.89] 0.27 [3.99]		0.44 [2361.00] -3.77[-17.41,9.87] -0.54 [6.95]	0.97 [2374.00] -0.92[-5.13,3.28 -0.43 [2.14]
	6.93 [3.97] 6.35 [2359.00]			1.03 [3.86]			-0.54 [6.95] 0.59 [2361.00]	-0.43 [2.14] 0.67 [2374.00]
V.Producthardwaresupplies V.Racename@hinese	0.35 [2359.00] 2.51[-5.08,10.10] 0.65 [3.87]		5.25[-8.08,18.58] 0.77 [6.80]	0.30 [2358.00] 1.50[-5.88,8.87] 0.40 [3.76]	2.25[-5.37,9.88] 0.58 [3.89]		0.59 [2361.00] 5.38[-7.95,18.71] 0.79 [6.80]	0.67 [2374.00] -0.49[-4.73,3.74] -0.23 [2.16]
V_ProducttoiletpaperV_RacenamefChinese	0.52 [2359.00] -2.35[-9.95,5.25]		0.44 [2359.00] -0.43[-13.73,12.87]	0.69 [2358.00] -2.48[-9.86,4.89]	0.56 [2361.00] -3.62[-11.24,4.01]		0.43 [2361.00] -0.37[-13.67,12.93] -0.05 [6.78]	0.82 [2374.00] -0.80[-5.00,3.40] -0.37 [2.14]
			-0.06 [6.78]				-0.05 [6.78]	-0.37 [2.14]
V ProducteigarettesV RacenamefIndian	0.54 [2359.00] -1.88[-9.06,5.90] -0.47 [3.97]		0.95 [2359.00] 4.96[-8.69,18.61] 0.71 [6.96]	0.51 [2358.00] -2.81[-10.37,4.74] -0.73 [3.85]	0.35 [2361.00] -2.80[-10.62,5.01] -0.70 [3.98]		0.96 [2361.00] 4.97[-8.68,18.61] 0.71 [6.96]	0.71 [2374.00] -1.79[-6.05,2.47 -0.82 [2.17]
	0.64 [2359.00] 2.56[-5.11,10.23]		0.48 [2359.00] 2.56[-10.96,16.07]	0.47 [2358.00] 1.97[-5.49,9.42]	0.48 [2361.00] 2.06[-5.64,9.76]		0.48 [2361.00] 2.51[-11.01,16.02]	0.41 [2374.00] 0.59[-3.57,4.75]
V. Producthardware supplies V. Racename find is a			0.37 (6.89)				0.36 [6.89]	
V ProducttoiletpaperV Racensmefindian	0.51 [2359.00] -1.59[-9.39.6.21]		0.71 [2359.00] 0.86[-12.83,14.54]	0.60 [2358.00] -1.60[-9.27,5.89]	0.60 [2361.00] -2.76[-10.59,5.07]		0.72 [2361.00] 0.89[-12.78,14.57]	0.78 [2374.00] 0.95[-3.26,5.16]
	-0.40 [3.98] 0.69 [2359.00]		0.12 [6.98] 0.90 [2359.00]	-0.44 [3.86] 0.66 [2358.00]	-0.69 [3.99] 0.49 [2361.00]		0.13 [6.97] 0.90 [2361.00]	0.44 [2.15] 0.66 [2374.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	0.69 [2359.00] -8.35[-17.54,0.83]+ -1.78 [4.68]		-1.51[-17.65,14.63] -0.18 [8.23]	-8.11[-17.03,0.81]+ -1.78 [4.55]	-2.79[-12.01,6.42] -0.59 [4.70]		-1.31[-17.45,14.83] -0.16 [8.23]	
EXPGRP.TEXTWhiteV.ProducthardwaresumliesV.RacenamefBlack	0.07 [2359.00] -1.60[-11.04.7.83]		0.85 [2359.00] 2.95[-13.59.19.49]	0.07 [2358.00]	0.55 [2361.00]		0.87 [2361.00]	
Anne S transmission of Vaccinationing	-0.33 [4.81] -0.74 [2379.00]		0.35 [8.44] 0.73 [2359.00]	-0.38 [4.67]	-0.24 [4.83]		0.40 [8.43] 0.69 [2361.00]	
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RucenamefBlack	0.74 [2359.00] -7.72[-16.97,1.53] -1.64 [4.72]		0.73 [2359.00] 3.46[-12.80,19.71] 0.42 [8.29]	0.71 [2358.00] -7.95[-16.94,1.03]+ -1.74 [4.58]	0.81 [2361.00] -1.98[-11.27,7.31] -0.42 [4.74]		3 435-12 83 19 68	
			0.42 [8.29] 0.68 [2359.00]	-1.74 [4.58] 0.08 [2358.00]			0.41 [8.29] 0.68 [2361.00]	
${\bf EXPGRP_TEXTWhiteV_Product cigazettesV_Racename f Chinese}$	-11.69[-21.09,-2.29]* -2.44 [4.79]		0.68 [2329.00] -6.86[-23.34,9.62] -0.82 [8.41]	0.08 [2358.00] -10.32[-19.45, -1.19]* -2.22 [4.66]	-4.93[-14.37,4.50] -1.03 [4.81]		0.68 [2361.00] -7.17[-23.65,9.30] -0.85 [8.40]	
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_Racename@hinese	0.01 [2359.00] -3.68[-12.98,5.63]		0.41 [2359.00] -4.38[-20.72,11.95]	0.03 [2358.00] -2.56[-11.59,6.48]	0.31 [2361.00] -3.86[-13.20,5.47]		0.39 [2361.00] -4.67[-21.00,11.66]	
${\bf EXPGRP_TEXTWhiteV_Product to ilet paperV_Race name f Chinese}$	0.44 [2359.00] -1.41[-10.67,7.86] -0.30 [4.73]		0.60 [2359.00] -5.77[-22.01,10.47] -0.70 [8.28]	0.58 [2358.00] -0.17[-9.17,8.83] -0.04 [4.59]	0.42 [2361.00] 2.73[-6.58,12.04] 0.58 [4.75]		0.58 [2361.00] -5.87[-22.11,10.36] -0.71 [8.28]	
Windows Williams II	-0.30 [4.73] 0.77 [2359.00] -5.24[-14.68,4.21]		-0.70 [8:28] 0.49 [2359.00] -15.69[-32.26,0.87]+	-0.04 [4.59] 0.97 [2358.00] -2.65[-11.83,6.52]	0.58 [4.75] 0.57 [2361.00] 0.00[-9.48,9.48]		-0.71 [8.28] 0.48 [2361.00] -15.72[-32.29,0.84]+	
${\bf EXPGRP_TEXTWhiteV_Product cigarettesV_Racename fluction}$			-1.86 [8.45]		0.00 [4.83]			
${\tt EXPGRP_TEXTWhiteV_Producthardware suppliesV_Race name fludian}$	0.28 [2359.00] -2.77[-12.04,6.50]		0.06 [2359.00] -0.23[-16.55,16.09]	0.57 [2358.00] -2.50[-11.51,6.50]	1.00 [2361.00] -1.66[-10.96,7.65]		0.06 [2361.00] -0.22[-16.53,16.10]	
	-0.59 [4.73] 0.56 [2359.00]		-0.03 [8.32]	-0.55 [4.59] 0.59 [2358.00]	-0.35 [4.74] 0.73 [2361.00]		-0.03 [8.32]	
${\bf EXPGRP_TEXTWhiteV_Product to ilet paperV_Race name find on}$			0.98 [2359.00] -6.83[-23.31,9.66] -0.81 [8.41]		4.26[-5.17,13.70] 0.89 [4.81] 0.38 [2361.00]		0.98 [2361.00] -6.92[-23.41,9.56] -0.82 [8.41]	
Morally Wrong	-0.28 [4.79] 0.78 [2359.00]	0.1900.17.0.217***	-0.81 [8.41] 0.42 [2359.00]	-0.04 [4.65] 0.97 [2358.00] 0.17[0.15.0.19]***	0.38 [2361.00]	0.190.17.0.217***	-0.82 [8.41] 0.41 [2361.00]	0.2290.18.0.257***
		16.90 [0.01] 0.00 [2392.00]		14.24 [0.01] 0.00 [2358.00]		17.40 [0.01] 0.00 [2392.00]		11.07 [0.02] 0.00 [2374.00]
EXPGRP_TEXTWhiteMorallyWrong		0.00 [2302.00]		0.00 [2308.00]		0.00 [2202.00]		-0.05[-0.09,0.00] -1.97 [0.02]
SD (Intercept ID) SD (Observations)	19.40 11.25	17.68 11.27	20.31 20.34	17.83 10.95	20.44 11.28	18.47 11.04	20:31 20:34	18.56 10.89
Num.Obs. R2 Marg.	2396 0.027	2396 0.068	2396 0.077	2396 0.079	2396 0.014	2396 0.067	2396 0.077	2396 0.072
	0.027 0.755 19.881 9		0.538 22 112 3	0.079 0.748 19698 9				
	19 88 1.9 20 09 5.9	19847.8 19870.9	22112.3	19638.9 19918.6	19947.6 20149.9	19 817.7 19 840.8	22 114.3 22 316.7	19768.7 19895.9
AIC BIC ICC	20095.9	0.7	22 326.2 0.5	0.7	0.8	9.7	0.5	0.7

|std.error| timate [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[8.84,26.86]***	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]
XPGRP.TEXTWhite	0.00 [2373.00] -2.85[-7.37,1.67]	0.00 [2392.00]	0.00 [2373.00] -4.35[-10.76,2.07]	0.00 [2372.00] -2.12[-6.39,2.14]	0.00 [2373.00] 0.06[-4.58,4.69]	0.00 [2392.00]	0.00 [2373.00] -4.35[-10.76,2.07]	0.00 [2372.00] 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]
/_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] 0.00 [2373.00]		5.61 [3.32] 0.00 [2373.00]	1.60 [1.87] 0.11 [2372.00]	3.27 [1.90] 0.00 [2373.00]		5.61 [3.32] 0.00 [2373.00]	1.51 [1.85] 0.13 [2372.00]
/_RacmamefBlack	-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]	0.15 [237230]
JOHNSON A.	-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]
/_Racename(Chinese	-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] 0.66 [2373.00]		-0.96 [3.20] 0.34 [2373.00]	-0.10 [1.78] 0.92 [2372.00]	0.55 [1.81] 0.58 [2373.00]		-0.96 [3.20] 0.34 [2373.00]	0.95 [1.76] 0.34 [2372.00]
/ Raceamefindan	1.30[-2.44,5.04]		-2.85[-9.36.3.65]	1.76[-1.88,5.36]	0.95[-2.75.4.66]		-2.85[-9.36.3.65]	1.425-2.16.5.00
	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]
/Apr	0.15[0.05,0.25]** 2.99 [0.05]		0.09[-0.08,0.26]	0.13[0.04,0.23]** 2.78 [0.05]	0.11[0.01,0.20]*		0.09[-0.08,0.26]	0.09[0.00,0.18]+
	2.99 [0.05] 0.00 [2373.00]		0.29 [2373.00]	0.01 (2372 00)	2.14 [0.05] 0.03 [2373.00]		1.07 [0.09]	0.06 [2372.00]
Locationisthecity	0.54[-0.75,1.83]		-0.025-2.27.2.23	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]
/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] 0.83 [2373.00]		-0.87 [1.17] 0.38 [2373.00]	0.13 [0.65]	-0.70 [0.66] 0.48 [2373.00]		-0.87 [1.17] 0.38 [2373.00]	-0.31 [0.64] 0.75 [2372.00]
/_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]
/_StoreTypesupermarket	1.41[0.12,2.70]*		1.58[-0.67, 3.83]	1.17[-0.08,2.43]+ 1.83 [0.64]	0.99[-0.30,2.27]		1.58[-0.67,3.83]	0.73[-0.51,1.97]
	2.14 [0.66] 0.03 [2373.00]		1.38 [1.15] 0.17 [2373.00]	0.07 [2372.00]	0.13 [2373.00]		1.38 [1.15] 0.17 [2373.00]	1.16 [0.63] 0.25 [2372.00]
XPGRP_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]
XPGRP_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] -0.05 [2.18]		3.58[-4.00,11.15] 0.93 [3.86]	-0.76[-4.90,3.38] -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]
XPGRP_TEXTWhiteV_RacenamefChinese	2.45[-1.94.6.85]		5.025-2.66.12.69	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]
EXPGRP_TEXTWhiteV_Racenamefindian	0.27 [2373.00]		0.20 [2373.00]	0.46 [2372.00]	0.44 [2373.00]		0.20 [2373.00]	0.22 [2372.00]
APGRP, IEX I WINEY JUICENAISEMENA	0.38[-4.09,4.86]		7.09[-0.71,14.88]+ 1.78 (3.98)	-0.74[-5.09,3.62] -0.33 [2.22]	-2.50[-6.94,1.93] -1.11 [2.26]		7.09[-0.71,14.88]+ 1.78 [3.98]	-3.68[-7.97,0.61]+ -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]
/ 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]
/ ProductMorMorallyOnestionableV.RacenamefChinese	0.37 [2373.00] -0.99[-6.58.4.59]		0.64 [2373.00] -4.25[-13.86,5.37]	0.31 [2372.00]	0.85 [2373.00] -2.51[-8.05,3.03]		0.64 [2373.00] -4.25[-13.86,5.37]	0.93 [2372.00] -1.93[-7.28.3.42]
, голистионному физимые пропинентние	-0.39[-6.38,4.39] -0.35 [2.85]		-0.87 [4.90]	-0.47[-5.90,4.96] -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]
/ 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]
XPGRP.TEXTWhiteV.ProductMorMorallyOnotionableV.RaconamefBlack	0.34 [2373.00] -7.38[-13.92,-0.83]*		0.77 [2373.00]	0.30 [2372.00] -7.25[-13.61,-0.89]*	0.22 [2373.00] -1.83[-8.31.4.99]		0.77 [2373.00] -0.84[-12.19.10.51]	0.18 [2372.00] -1.09[-7.96.4.58]
APORP TEXT WHITEV PRODUCTION SIGNAL PRODUCTION OF THE PRODUCTION OF THE PROPULATION OF T	-7.38[-13.92,-0.83]- -2.21 [3.34]		-0.54[-12.19,10.51] -0.15 [5.79]	-7.25[-13.61,-0.85]	-0.55 [3.31]		-0.84[-12.19(10.51]	-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]
XPGRP_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]
XPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_Racenamefindian	0.27 [2373.00] -2.13[-8.98,4.71]		0.48 [2373.00] -10.75[-22.53,1.02]+	0.36 [2372.00] -0.48[-7.13,6.17]	0.66 [2373.00] 2.85[-3.94,9.64]		0.48 [2373.00] -10.75[-22.53,1.02]+	0.50 [2372.00] 4.58[-1.98,11.14]
APORP TEXT WHITEV PRODUCTION SIGNAL PRODUCTION OF THE PRODUCTION OF THE PROPULATION OF T	-2.13[-8.98,4.71] -0.61 [3.49]		-10.75[-22.53,1.02]+	-0.48[-7.13,6.17] -0.14 [3.39]	0.82 [3.46]		-10.15[-22.53,1302]+	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]
AorallyWrong		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]
D (Intercept ID)	19.36	0.00 [2392.00]	20.30	0.00 [2372.00]	20.42	0.00 [2392.00] 18.47	20.30	0.00 [2372.00] 18.55
D (Observations)	11.50	11.27	20.30	11.20	11.38	11.04	20.44	11.02
ism.Obs.	2396	2396	2296	2296	2296	2396	2316	2396
tum.Ots. t2 Mars.	2396	2396	2396	2396	2396	2396	2396	2396
t2 Cond.	0.743	0.731	0.532	0.736	0.765	0.754	0.532	0.757
uc	19998.1	19 847.8	22185.8	19815.1	20 018.5	19817.7	22 185.8	19 802.9
	20 131.1	19 870.9	22318.8	19953.9	20 151.5	19840.8	22 318.8	19 941.6
SIC .								
SIC CC MARE	0.7 10.04	9.91	0.5 18.20	0.7 9.79	0.8 9.92	0.7 9.69	0.5 18.20	0.7 9.62

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 (0.27)	-6.33[-11.16,-1.49]*	0.72[-2.57,4.01] 0.43 [1.68]	3.11[-0.31,6.54]+ 1.78 [1.75]	3.16[2.55,3.78]*** 10.08 [0.31]	-6.33[-11.16,-1.49]*	3.62[-0.41,6.45]+ 1.73 [1.75]
EXPGRP-TEXTWhite	0.51 [1.68] 0.61 [4753.00] -1.15[-3.93,1.63]	9.15 [0.27] 0.00 [4788.00]	-2.56 [2.47] 0.01 [4753.00] -0.57[-4.59,3.45] -0.28 [2.05]	0.43 [1.68] 0.67 [4752.00] -1.16[-3.95,1.62]	1.78 [1.75] 0.07 [4753.00] 1.24[-1.69,4.16]	10.08 [0.31] 0.00 [4788.00]	-2.56 [2.47] 0.01 [4753.00] -0.57[-4.59,3.45] -0.28 [2.05]	1.73 [1.75] 0.08 [4752.00] 1.23[-1.70,4.15]
EXPGRP,TEXTWhite			-0.57[-4.59,3.45] -0.28 [2.05]				-0.57[-4.59,3.45] -0.28 [2.05]	
V.Productcigarettes	0.42 [4753.00] -0.02[-3.06,3.02]		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]
	-0.01 [1.55]			0.60 [1.55] 1.00 [4752.00]			0.25 [2.31] 0.80 [4753.00]	
V_Producthardwaresupplies	-0.92[-4.01,2.18] -0.58 [1.58]		0.54[-4.07,5.16] 0.23 [2.35]	1.00 [4752.00] -0.89[-3.98,2.21] -0.56 [1.58]	1.86[-1.34,5.06] 1.14 [1.63]		0.80 [4753.00] 0.54[-4.07,5.16] 0.23 [2.35]	1.89[-1.31,5.08] 1.16 [1.63]
V_Producttoiletpaper	0.56 [4753.00] 0.52[-2.50,3.54]		0.82 [4753.00] 1.17[-3.32,5.66]	0.57 [4752.00] 0.53[-2.49,3.55]	0.25 [4753.00] 1.74[-1.38,4.86]		0.82 [4753.00] 1.17[-3.32,5.66]	0.25 [4752.00] 1.75[-1.37,4.86]
v_rroductionstpaper				0.34 [1.54]				
V_RacenamefBlack	0.74 [4753.00] -1.48[-4.51,1.55]		0.61 [4753.00] -1.65[-6.15,2.86]	0.73 [4752.00] -1.51[-4.53,1.52]	0.27 [4753.00] 0.85[-2.27,3.98]		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]
	-0.96 [1.54] 0.34 [4753.00]		-0.72 [2.30] 0.47 [4753.00]	-0.98 [1.54] 0.33 [4752.00]	0.54 [1.59] 0.59 [4753.00]			
V_RacenamefChinese	-1.91[-4.90,1.07] -1.26 [1.52]		-1.29[-5.73,3.14] -0.57 [2.26]	-1.94[-4.92,1.04] -1.27 [1.52]	-0.24[-3.32,2.85] -0.15 [1.57]		-1.29[-5.73,3.14] -0.57 [2.26]	-0.26[-3.34,2.83] -0.16 [1.57]
V.Racenamefindian								0.87 [4752.00] -1.00[-4.28,2.27] -0.60 [1.67]
V at the Contract and a second	-0.69[-3.86,2.48] -0.43 [1.62]		-2.70[-7.42,2.02] -1.12 [2.41] 0.26 [4753.00]	-0.75[-3.92,2.42] -0.46 [1.62] 0.64 [4752.00]	-0.96[-4.23,2.31] -0.58 [1.67] 0.56 [4753.00]		-2.70[-7.42,2.02] -1.12 [2.41]	-0.60 [1.67]
V_Age	0.67 [4753.00] 0.06[0.01,0.12]*		0.07[-0.01,0.15]+	0.06[0.01,0.12]*	0.01[-0.05,0.07]		0.26 [4753.00] 0.07[-0.01,0.15]+	0.55 [4752.00] 0.01[-0.04,0.07]
	2.17 [0.03] 0.03 [4753.00]		1.69 [0.04] 0.09 [4753.00]	2.22 [0.03] 0.03 [4752.00]	0.41 [0.03] 0.68 [4753.00]		1.69 [0.04] 0.09 [4753.00]	0.45 [0.03] 0.66 [4752.00]
V.Locationinthecity	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.Locationnearly								
	0.13[-0.61,0.88] 0.35 [0.38] 0.72 [4753.00]		0.84[-0.28,1.95] 1.47 [0.57] 0.14 [4753,000	0.15[-0.60,0.90] 0.40 [0.38] 0.69 [4752.00]	-0.08[-0.85,0.69] -0.21 [0.39] 0.84 [4753.00]		0.84[-0.28,1.95] 1.47 [0.57] 0.14 [4753.00]	-0.07[-0.84,0.70] -0.17 [0.39] 0.86 [4752.00]
V_StoreTypedepartmentstore	0.105 0.010.95		0.80[-0.31,1.90] 1.41 [0.56]	0.11[-0.63,0.85] 0.30 [0.38]	-0.54[-1.30,0.22] -1.39 [0.39]		0.80[-0.31.1.90]	-0.53[-1.29,0.23] -1.37 [0.39]
	0.26 [0.38] 0.80 [4753.00]			0.30 [0.38] 0.77 [4752.00]			1.41 [0.56] 0.16 [4753.00] 0.79[-0.31,1.90]	-1.37 [0.39] 0.17 [4752.00] -0.15[-0.91,0.61]
V_StoreTypesupermarket	0.17[-0.57,0.91] 0.45 [0.38]		0.79[-0.31,1.90] 1.41 [0.56]	0.77 [4752.00] 0.19[-0.55,0.93] 0.51 [0.38]	-0.16[-0.93,0.60] -0.42 [0.39]			
EXPGRP TEXTWhiteV Producteigarettes	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 [2.81]	0.61 [4752.00] 2.21[-1.49,5.91] 1.17 [1.89]	0.67 [4753.00] -1.00[-4.82,2.83] -0.51 [1.95]		0.16 [4753.00] -1.14[-6.65,4.37] -0.40 [2.81]	0.70 [4752.00] -1.01[-4.84,2.81] -0.52 [1.95]
EXPGRP TEXTWhiteV Producthardwaresupplies	0.94[-2.78,4.66] 0.50 [1.90]		1.36[-4.18,6.89] 0.48 [2.82]	0.96[-2.76,4.67] 0.50 [1.90]	-3.35[-7.19,0.49]+ -1.71 [1.96]		1.36[-4.18,6.89] 0.48 [2.82]	-3.34[-7.18,0.49]+ -1.71 [1.96]
EXPGRP TEXTWhiteV Producttoiletpaper	-1.08[-4.74,2.57] -0.58 [1.87]		-1.80[-7.24,3.65] -0.65 [2.78]	-1.11[-4.76,2.55] -0.59 [1.87]	-4.30[-8.08,-0.52]* -2.23 [1.93]		-1.80[-7.24,3.65] -0.65 [2.78]	-4.31[-8.09,-0.53]* -2.24 [1.93]
EXPGRP.TEXTWhiteV.RacenamefBlack	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] -2.33[-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] -2.28[-6.06,1.50] -1.18 [1.93]
			0.25 [4753.00]		0.23 [4753.00]		0.25 [4753.00]	
EXPGRP TEXTWhiteV RacenamefChinese	1.89[-1.77,5.55] 1.01 [1.87]		2.62[-2.83,8.06] 0.94 [2.78]	1.95[-1.71,5.61] 1.04 [1.87]	-1.48[-5.26,2.30] -0.77 [1.93]		2.62[-2.83,8.06] 0.94 [2.78]	-1.44[-5.22,2.34] -0.75 [1.93]
EXPGRP.TEXTWhiteV.RacenamefIndian					0.44 54753 000			
and the property of the same o	0.55[-3.23,4.33] 0.29 [1.93] 0.77 [4753.00]		2.64[-2.99,8.26] 0.92 [2.87] 0.36 [4753.00]	0.61[-3.16,4.39] 0.32 [1.93] 0.75 [4752.00]	-2.08[-5.99,1.82] -1.05 [1.99] 0.30 [4753.00]		2.64[-2.99,8.26] 0.92 [2.87]	-2.04[-5.94,1.86] -1.02 [1.99] 0.31 [4752.00]
V_ProductcigarettesV_RacenamefBlack	2 675-1 64 6 98		0.36 [4753.00] -3.03[-9.41,3.34] -0.93 [3.25]	0.75 [4752.90] 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]
	1.22 [2.20] 0.22 [4753.00] 1.00[-3.50.5.49]		-0.93 [3.25] 0.35 [4753.00] 2.01[-4.61.8.62]	1.19 [2.20] 0.24 [4752.00] 1.01[-3.48.5.51]	-0.62 [2:27] 0.53 [4753.00] -1.74[-6.40.2.92]		-0.93 [3.25] 0.35 [4753.00] 2.01[-4.61.8.62]	-0.64 [2.27] 0.52 [4752.00] -1.73[-6.39.2.93]
V.ProducthardwaresuppliesV.RacenamefBlack	1.00[-3.50,5.49] 0.43 [2.29]		2.01[-4.61,8.62] 0.59 [3.38]	1.01[-3.48,5.51] 0.44 [2.29]	-0.73 [2.38]		2.01[-4.61,8.62] 0.59 [3.38]	-1.73[-6.39,2.93] -0.73 [2.38]
V_ProducttoiletpaperV_RacenamefBlack	0.66 [4753.00]		0.55 [4753.00] -0.51[-6.98,5.96]	0.66 [4752.00]	0.46 [4753.00]		0.55 [4753.00]	0.47 [4752.00]
	0.13 [2.23] 0.90 [4753.00]		-0.15 [3.30] 0.88 [4753.00]	0.12 [2.23] 0.90 [4752.00]	-0.56 [2:31] 0.57 [4753.00]		-0.15 [3.30] 0.88 [4753.00]	-0.57 [2.31] 0.57 [4752.00]
V.ProductcigarettesV.RacenamefChinese	-1.35[-5.81,3.11] -0.59 [2.28]		-3.05[-9.62,3.52] -0.91 [3.35]	-1.42[-5.88,3.04] -0.63 [2.27]	-1.48[-6.10,3.14] -0.63 [2.36]		-3.05[-9.62,3.52] -0.91 [3.35]	-1.52[-6.14,3.10] -0.65 [2.36]
			0.36 [4753.00]					
V.ProducthardwaresuppliesV.RacenamefChinese	1.06[-3.30,5.42] 0.48 [2.22] 0.63 [4753.00]		1.29[-5.14,7.73] 0.39 [3.28] 0.69 [4753.00]	1.08[-3.28,5.43] 0.48 [2.22] 0.63 [4752.00]	-1.43[-5.95,3.08] -0.62 [2:30] 0.53 [4753.00]		1.29[-5.14,7.73] 0.39 [3.28] 0.69 [4753.00]	-1.43[-5.94,3.09] -0.62 [2.30] 0.54 [4752.00]
V_ProducttoiletpaperV_RacenamefChinese								
	-0.77 [2:22] 0.44 [4753.00]		-0.51 [3.27] 0.61 [4753.00]	-0.78 [2.22] 0.44 [4752.00]	-1.97 [2:30] 0.05 [4753.00]		-0.51 [3.27] 0.61 [4753.00]	-1.97 [2.30] 0.05 [4752.00]
V_{\bullet} Productcigarettes V_{\bullet} RacenamefIndian	0.12[-4.34,4.59] 0.05 [2.28]		3.14[-3.45,9.72] 0.93 [3.36]	0.21[-4.26,4.67] 0.09 [2.28]	0.24[-4.38,4.87] 0.10 [2.36]		3.14[-3.45,9.72] 0.93 [3.36]	0.30[-4.32,4.92] 0.13 [2.36]
VD 1-1-1 VVD - 4-1			0.35 [4753.00]		0.92 [4753.00] -1.02[-5.61.3.56]			
V. Producthardware supplies V. Racename find ian	1.69[-2.74,6.12] 0.75 [2.26]		0.86 [3.35]	1.73[-2.70,6.16] 0.76 [2.26]	-0.44 [2.34]		2.88[-3.68,9.45] 0.86 [3.35]	-1.00[-5.59,3.58] -0.43 [2.34]
V_ProducttoiletpaperV_RacenamefIndian	0.45 [4753.00] -2.20[-6.68,2.28]		0.39 [4753.00] 1.07[-5.53,7.67]	0.44 [4752.00] -2.16[-6.63,2.32]	0.66 [4753.00] -0.23[-4.87,4.40]		0.39 [4753.00] 1.07[-5.53,7.67]	0.67 [4752.00] -0.20[-4.84,4.44]
	-0.96 [2.28] 0.33 [4753.00]		0.32 [3.37] 0.75 [4753.00]	-0.94 [2.28] 0.34 [4752.00]	-0.10 [2:37] 0.92 [4753.00]		0.32 [3.37] 0.75 [4753.00]	-0.09 [2.37] 0.93 [4752.00]
EXPGRP_TEXTWhiteV_ProductcigarettesV_RacenamefBlack	-6.61[-11.90,-1.33]* -2.45 [2.70]		0.58[-7.24,8.39] 0.14 [3.99]		2.00[-3.47,7.47] 0.72 [2.79]		0.58[-7.24,8.39] 0.14 [3.99]	2.01[-3.46,7.48] 0.72 [2.79]
EXPGRP.TEXTWhiteV.ProducthardwaresumblesV.RacenamefBlack	0.01 [4753.00]		0.88 [4753.00]	-2.45 [2.70] 0.01 [4752.00] -2.47[-7.87.2.94]	0.47 [4753.00] 2.90[-2.70,8.50]		0.88 [4753.00] -3.38[-11.34.4.58]	0.47 [4752.00] 2.86[-2.74.8.46]
and the stand is the standard of the standard	-0.87 [2.76] 0.38 [4753.00]		-0.83 [4.06] 0.41 [4753.00]	-0.89 [2.76] 0.37 [4752.00]	1.01 [2.86]		-0.83 [4.06] 0.41 [4753.00]	1.00 [2.86]
EXPGRP.TEXTWhiteV.ProducttoiletpaperV.RacenamefBlack	-0.61[-5.94,4.71]		0.201 7.57 9.161	0.37 [4752.00] -0.62[-5.94,4.70]	0.31 [4753.00] 3.73[-1.78,9.24]		0.41 [4753.00] 0.30[-7.57,8.16]	0.32 [4752.00] 3.73[-1.78,9.24]
	-0.61[-5.94,4.71] -0.23 [2.72] 0.82 [4753.00]		0.07 [4.01] 0.94 [4753.00]	-0.62[-5.94,4.70] -0.23 [2.71] 0.82 [4752.00] -0.19[-5.58,5.21]	3.73[-1.78,9.24] 1.33 [2.81] 0.18 [4753.00]		0.30[-7.57,8.16] 0.07 [4.01] 0.94 [4753.00]	3.73[-1.78,9.24] 1.33 [2.81] 0.18 [4752.00] 1.85[-3.74,7.44]
EXPGRP TEXTWhiteV ProducteigarettesV RacenamefChinese				-0.19[-5.58,5.21] -0.07 [2.75]				1.85[-3.74,7.44] 0.65 [2.85]
EXPGRP.TEXTWhiteV.ProducthardwaresumblesV.Racename/Chinese	-0.09 [2.75] 0.92 [4753.00] -1.25[-6.59.4.09]		0.67 [4.05] 0.50 [4753.00] -1.95[-9.84.5.94]	-0.07 [2.75] 0.95 [4752.00] -1.27[-6.62.4.07]	0.63 [2.85] 0.53 [4753.00] 1.76[-3.77.7.29]		0.67 [4.05] 0.50 [4753.00] -1.95[-9.84.5.94]	0.65 [2.85] 0.52 [4752.00] 1.75[-3.78.7.28]
and the process of the state of	-0.46 [2.73] 0.65 [4753.00]		-0.49 [4.02] 0.63 [4753.00]	-0.47 [2.72] 0.64 [4752.00]	0.62 [2.82] 0.53 [4753.00]		-0.49 [4.02] 0.63 [4753.00]	0.62 [2.82] 0.54 [4752.00]
EXPGRP TEXTWhiteV ProducttoiletpaperV RacenamefChinese	2.765-2.56.8.67				8.4772.96.13.977**			
	1.02 [2.71] 0.31 [4753.00]		0.01 [3.99] 1.00 [4753.00]	1.01 [2.71] 0.31 [4752.00]	3.01 [2.81] 0.00 [4753.00]		0.01 [3.90] 1.00 [4753.00]	3.01 [2.81] 0.00 [4752.00]
EXPGRP.TEXTWhiteV.ProductcigarettesV.RacenamefIndian	-2.50[-7.93,2.92] -0.91 [2.77] 0.37 [4753.00]		-0.10[-8.09,7.90] -0.02 [4.08]	-2.53[-7.95,2.89] -0.91 [2.76]	0.93[-4.68,6.55] 0.33 [2.86]		-0.10[-8.09,7.90] -0.02 [4.08]	0.91[-4.70,6.53] 0.32 [2.86]
EXPGRP.TEXTWhiteV.ProducthardwaresumskedV.RaconamefIndian			0.98 [4753.00]	0.36 [4752.00] -0.64[-5.98,4.70]	0.74 [4753.00] 4.33[-1.20.9.86]		0.98 [4753.00] -2.19[-10.10.5,73]	0.75 [4752.00] 4.32[-1.21,9.85]
EAPCAP, LEATWING Productasedwaresuppassy Aucenamentaina	-0.23 12 73		-0.54 (4.04)	-0.23 (2.73)	1.54 [2.82] 0.12 [4753.00]		-0.54 [4.04]	1.53 [2.82] 0.13 [4752.00]
EXPGRP TEXTWhiteV ProducttoiletpaperV RacenamefIndian	0.82 [4753.00] 2.58[-2.82,7.99]		0.59 [4753.00] 0.59[-7.38,8.55]	0.81 [4752.00] 2.57[-2.84,7.97]			0.59 [4753.00] 0.59[-7.38,8.55]	
	0.94 [2.76] 0.35 [4753.00]		0.14 [4.06] 0.89 [4753.00]	0.93 [2.76] 0.35 [4752.00]	1.71 [2.86] 0.09 [4753.00]		0.14 [4.06] 0.89 [4753.00]	1.70 [2.85] 0.09 [4752.00]
MWOther_Self		-0.02[-0.04,0.00]* -2.06 [0.01]				-0.01[-0.03,0.01] -1.44 [0.01]		
SD (Intercent ID)	5.75	-2.06 [0.01] 0.04 [4788.00] 5.75	5.72	-2.22 [0.01] 0.03 [4752.00] 5.76	6.84	-1.44 [0.01] 0.15 [4788.00] 6.83	5.72	-1.45 [0.01] 0.15 [4752.00] 6.83
SD (Observations)	9.53	9.53	14.67	9.52	9.75	9.75	14.67	9.75
Num.Obs. R2 Marg.	4792 0.008	4792 0.001	4792 0.011	4792 0.009	4792 0.007	4792 0.000	4792 0.011	4792 0.007
		0.267	0.141	0.274	0.335	0.329	0.141	0.335
R2 Cord	0.273 36017.0	36 039.5			36369.8	36396.0	39780.5	36 377.1
AIC Cond. AIC BIC	0.273 36017.0 36269.5	36 039.5 36 065.4 0.3	39 780.5 40 (33.1	36 021.5 36 280.5	36 369.8 36 622.3	36 396.0 36 421.9	39 780.5 40 033.1	36 377.1 36 636.1 0.3

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]	2.50(1.97.3.04)***	-5.58[-10.34,-0.83]*	0.85[-2.38.4.08]	2.76[-0.60.6.13]	3.16(2.55.3.78)***	-5.58i-10.340.83i*	2.68[-0.69,6.05]
	0.59 [1.65] 0.55 [4757.00]	9.15 [0.27] 0.00 [4788.00]	-2.30 [2.43] 0.02 [4757.00]	0.52 [1.65] 0.61 [4756.00]	1.61 [1.72]	10.08 [0.31] 0.00 [4788.00]	-2:30 [2:43] 0:02 [4757:00]	1.56 [1.72] 0.12 [4756.00]
EXPGRP-TEXTWhite	-1 151-3 93 1 630	0.00 [4185.00]	-0.565-4.58.3.460	-1175-394160	0.11 [4757.00] 1.21[-1.72,4.13]	0.00 [4788.00]		1.205-1.73.4.120
	-0.81 [1.42] 0.42 [4757.00]		-0.27 [2.05] 0.79 [4757.00]	-0.82 [1.42] 0.41 [4756.00]	0.81 [1.49] 0.42 [4757.00]		-0.27 [2.05] 0.79 [4757.00]	0.80 [1.49] 0.42 [4756.00]
V.Producteigarettes	0.00[-3.04,3.04]		0.62[-3.91.5.15]	0.01[-3.03,3.05]	0.871-2.27.4.021		0.62[-3.91,5.15]	
	0.00 [1.55] 1.00 [4757.00]		0.27 [2.31] 0.79 [4757.00]	0.01 [1.55] 0.99 [4756.00]	0.55 [1.60] 0.59 [4757.00]		0.27 [2.31] 0.79 [4757.00]	0.55 [1.60] 0.58 [4756.00]
V_a Producthardwaresupplies			0.65[-3.96.5.26]	-0.86[-3.95.2.23]	1.875-1.33.5.067		0.65[-3.96.5.26]	1.89(-1.30.5.09)
	-0.57 [1.58] 0.57 [4757 00]		0.28 [2.35] 0.78 [4757 000	-0.55 [1.58] 0.59 (4756.00)	1.15 [1.63] 0.25 [4757.00]		0.28 [2.35] 0.78 [4757.00]	1.16 [1.63]
V_Producttoiletpaper	0.57 [4757.00] 0.51[-2.51,3.52]		0.78 [4757.00] 1.09[-3.40,5.58]	0.59 [4756.00] 0.52[-2.50,3.53]	1.76[-1.36,4.88]		1.09[-3.40.5.58]	0.25 [4756.00] 1.77[-1.35,4.88]
	0.33 [1.54]		0.48 [2.29]	0.34 [1.54]	1.11 [1.59] 0.27 [4757.00]		0.48 [2.29]	1.11 [1.59] 0.27 [4756.00]
V_RacenamefBlack	0.74 [4757.00] -1.48[-4.51,1.54]		-1.71[-6.21,2.80]	0.74 [4756.00] -1.51[-4.54,1.51]	0.83[-2.29.3.95]		0.63 [4757.00] -1.71[-6.21,2.80]	0.81[-2.31.3.93]
	-0.96 [1.54] 0.34 [4757.00]		-0.74 [2.30] 0.46 [4757.00]	-0.98 [1.54] 0.33 [4756.00]	0.52 [1.59] 0.60 [4757.00]		-0.74 [2.30] 0.46 [4757.00]	0.51 [1.59] 0.61 [4756.00]
V_RacenamefChinese	-1.92[-4.90,1.07] -1.26 [1.52]		-1.33[-5.77,3.11] -0.59 [2.26]	-1.94[-4.93,1.04] -1.28 [1.52]	-0.23(-3.32.2.85)		-1.33[-5.77,3.11] -0.59 [2.26]	-0.25[-3.34,2.83] -0.16 [1.57]
	-1.26 [1.62] 0.21 [4757.00]		-0.56 [4757.00]	-1.28 [1.52] 0.20 [4756.00]	-0.15 [1.57] 0.88 [4757.00]		-0.56 [2.26] 0.56 [4757.00]	-0.16 [1.57] 0.87 [4756.00]
V_Racenamefindian	-0.68[-3.85,2.48] -0.42 [1.61]		-2.70[-7.42,2.01] -1.12 [2.40]	-0.74[-3.90,2.42] -0.46 [1.61]	-0.96[-4.23,2.31] -0.58 [1.67]		-2.70[-7.42,2.01] -1.12 [2.40]	-1.00[-4.27,2.27] -0.60 [1.67]
	-0.42 [1.61] 0.67 [4757.00]		0.26 [4757.00]	-0.46 [1.61] 0.65 [4756.00]	-0.58 [1.67] 0.56 [4757,00]		-1.12 [2.40] 0.26 [4757.00]	-0.60 [1.67] 0.55 [4756.00]
V_Age	0.06[0.01,0.12]*		0.07[-0.01, 0.16]+	0.06[0.01,0.12]*	0.01[-0.04,0.07]		0.071-0.01.0.161+	0.01[-0.04.0.07]
	2.18 [0.03] 0.03 [4757.00]		1.72 [0.04] 0.09 [4757,00]	2.24 [0.03] 0.03 [4756.00]	0.44 [0.03] 0.66 [4757.00]		1.72 [0.04] 0.09 [4757.00]	0.48 [0.03] 0.63 [4756.00]
EXPGRP TEXTWhiteV Producteigarettes	0.03 [4757.00] 2.21[-1.49,5.91] 1.17 [1.89]		-1.25[-6.76,4.26] -0.44 [2.81]	2.19[-1.51,5.88]	0.66 [4757.00] -1.00[-4.82,2.82] -0.51 [1.95]		0.09 [4757.00] -1.25[-6.76,4.26] -0.44 [2.81]	0.63 [4756.00] -1.02[-4.84,2.81] -0.52 [1.95]
	0.24 [4757.00]		-0.44 [2.81] 0.66 [4757.00]	1.16 [1.89] 0.25 [4756.00]	-0.51 [1.95] 0.61 [4757.00]		0.66 [4757.00]	-0.52 [1.95] 0.60 [4756.00]
EXPGRP_TEXTWhiteV_Producthardwaresupplies				0.951-2.76.4.671			1.31[-4.22.6.85]	-3.30[-7.14.0.53]+
	0.49 [1.90] 0.62 [4757.00]		0.47 [2.82] 0.64 [4757.00]	0.50 [1.89] 0.62 [4756.00]	-1.69 [1.96] 0.09 [4757.00]		0.47 [2.82] 0.64 [4757.00]	-1.69 [1.96] 0.09 [4756.00]
EXPGRP TEXTWhiteV Producttoiletpaper	-1.09[-4.74,2.56] -0.59 [1.86]		-1.85[-7.28,3.58] -0.67 [2.77]	-1.11[-4.76.2.53]	-4.26[-8.03,-0.49]* -2.22 [1.92]		-1.85[-7.28,3.58] -0.67 [2.77]	-4.28[-8.05,-0.51]* -2.22 [1.92]
	0.56 (4757 00)		0.50 (4757.00)	-0.60 [1.86] 0.55 [4756.00]	0.03 54757 000		-0.67 [2.77] 0.50 [4757.00]	-2.22 [1.92] 0.03 [4756.00]
EXPGRP TEXTWhiteV RacenamefBlack	2.98[-0.68,6.64] 1.60 [1.87]		3.12[-2.34,8.57] 1.12 [2.78]	3.05[-0.61,6.70] 1.63 [1.87]	-2.29[-6.07,1.49] -1.19 [1.93]		0.50 [4757.00] 3.12[-2.34,8.57] 1.12 [2.78]	0.03 [4756.00] -2.25[-6.03,1.53] -1.17 [1.93]
	0.11 [4757.00]		0.26 [4757.00]	0.10 [4756.00]	0.23 [4757.00]		0.26 [4757.00]	0.24 [4756.00]
EXPGRP TEXTWhiteV RacenamefChinese	1.89[-1.77,5.54]		2.56[-2.88,8.00] 0.92 (2.77)	1.94[-1.71,5.59]	-1.46[-5.23,2.32] -0.76 [1.93]		2.56[-2.88,8.00] 0.92 [2.77]	-1.42[-5.20,2.35] -0.74 [1.93]
	0.31 [4757.00]		0.36 [4757.00]	0.30 [4756.00]	0.45 [4757.00]		0.36 [4757.00]	0.46 [4756.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	0.55[-3.22,4.32] 0.29 [1.92]		2.62[-3.00,8.23] 0.91 [2.87]	0.62[-3.15,4.38] 0.32 [1.92]	-2.02[-5.91,1.87] -1.02 [1.99]		2.62[-3.00,8.23] 0.91 [2.87]	-1.98[-5.87,1.92] -1.00 [1.99]
	0.77 [4757.00]		0.36 [4757.00]	0.75 [4756.00]	0.31 [4757.00]		0.36 [4757.00]	0.32 [4756.00]
V.ProductcigarettesV.RacenamefBlack	2.65[-1.66,6.95] 1.21 [2.20]		-3.08[-9.45,3.29] -0.95 [3.25]	2.58[-1.72,6.88] 1.18 [2.20]	-1.41[-5.86,3.05] -0.62 [2.27]		-3.08[-9.45,3.29] -0.95 [3.25]	-1.45[-5.91,3.00] -0.64 [2.27]
	0.23 [4757.00] 0.93[-3.56,5.42]		0.34 14757 000		0.54 [4757.00] -1.66[-6.31,2.99]		0.34 [4757.00] 1.69[-4.92,8.29]	0.52 [4756.00] -1.66[-6.31,2.99]
$V_Producthardware supplies V_Racename fBlack$	0.93[-3.56,5.42]		1.69[-4.92,8.29] 0.50 (3.37)	0.94[-3.54,5.43] 0.41 [2.29]	-1.66[-6.31,2.99] -0.70 [2.37]		1.69[-4.92,8.29] 0.50 [3.37]	-1.66[-6.31,2.99] -0.70 [2.37]
	0.68 [4757.00]		0.62 [4757.00]	0.68 [4756.00]	0.48 [4757.00]		0.62 [4757.00]	0.49 [4756.00]
$V_{\tt a} Product to il et paper V_{\tt a} Racename f Black$	0.31[-4.06,4.68]		-0.37[-6.84,6.10] -0.11 [3.30]	0.30[-4.07,4.67] 0.14 [2.23]	-1.29[-5.82,3.23] -0.56 [2.31]		-0.37[-6.84,6.10] -0.11 [3.30]	-1.30[-5.83,3.23] -0.56 [2.31]
	0.89 [4757.00]		0.91 [4757.00]	0.89 [4756.00] -1.45[-5.91.3.00]	0.58 [4757.00]		0.91 [4757.00]	0.57 [4756.00]
V_* Producteigarettes V_* Racename@Chinese	-1.38[-5.83,3.08] -0.61 [2.27]		-3.12[-9.68,3.45] -0.93 [3.35]	-1.45[-5.91,3.00] -0.64 [2.27]	-1.56[-6.18,3.05] -0.66 [2.35]		-3.12[-9.68,3.45] -9.93 [3.35]	-1.61[-6.23,3.00] -0.68 [2.35]
	0.54 [4757.00] 1.06[-3.30,5.42]		0.35 [4757.00] 1.27[-5.16,7.71]	0.52 [4756.00] 1.07[-3.28,5.43]	0.51 [4757.00] -1.45[-5.96,3.06]		0.35 [4757.00] 1.27[-5.16,7.71]	0.49 [4756.00] -1.44[-5.95,3.07]
V. Producthardware supplies V. Racename f Chinese	1.06[-3.30,5.42]		1.27[-5.16,7.71]	1.07[-3.28,5.43]	-1.45[-5.96,3.06]		1.27[-5.16,7.71]	-1.44[-5.95,3.07]
	0.48 [2.22] 0.63 [4757.00] -1.69[-6.03.2.66]		0.39 [3.28] 0.70 [4757.00]	0.48 [2.22] 0.63 [4756.00]	-0.63 [2:30] 0.53 [4757.00]		0.39 [3.28] 0.70 [4757.00]	-0.63 [2.30] 0.53 [4756.00]
$V_Product to il et paper V_Racename f Chinese$	-0.76 (2.22)		-1.51[-7.91,4.88] -0.46 [3.26]	-1.70[-6.04,2.65] -0.77 [2.21]	-4.53[-9.03,-0.03]* -1.97 [2.30]		-1.51[-7.91,4.88] -0.46 [3.26]	-4.53[-9.04,-0.03]* -1.97 [2.30]
	0.45 [4757.00]		0.64 [4757.00]	0.44 [4756.00]	0.05 [4757.00]		0.64 (4757.00)	0.05 [4756.00]
$V_s Product cigar ettes V_s Racename fludian \\$	0.12[-4.34,4.58] 0.05 [2.27]		3.18[-3.40,9.76] 0.95 [3.36]	0.21[-4.25,4.66] 0.09 [2.27]	0.24[-4.38,4.86] 0.10 [2.36]		3.18[-3.40,9.76] 0.95 [3.36]	0.30[-4.32,4.92] 0.13 [2.36]
	0.96 [4757.00]		0.34 [4757.00]	0.93 [4756.00]	0.92 [4757.00]		0.34 [4757.00]	0.90 [4756.00]
$V_Producthard war esupplies V_Race name find ian$	1.67[-2.76,6.06] 0.74 [2.26]		2.75[-3.82,9.31] 0.82 [3.35]	1.70[-2.73,6.12] 0.75 [2.26]	-0.99[-5.57,3.58] -0.42 [2.33]		2.75[-3.82,9.31] 0.82 [3.35]	-0.97[-5.55,3.60] -0.42 [2.33]
	0.46 [4757.00] -2.20[-6.67,2.26]		0.41 [4757.00] 1.13[-5.46,7.71]	0.45 [4756.00] -2.16[-6.63,2.31]	0.67 [4757.00] -0.28[-4.91,4.35]		0.41 [4757.00] 1.13[-5.46,7.71]	0.68 [4756.00] -0.25[-4.88,4.38]
$V_Product to il et paper V_Race name find ian$	-0.97 [2.28]		0.33 [3.36]	-0.95 [2.28]	-0.12 [2.36]		0.33 [3.36]	-0.11 [2.36]
	0.33 [4757.00]		0.74 [4757.00] 0.83[-6.98.8.64]	0.34 [4756.00]	0.90 [4757.00] 1.97[-3.49.7.44]		0.74 [4757.00] 0.83[-6.98.8.64]	0.92 [4756.00]
${\it EXPGRP_TEXTWhiteV_Product cigarettesV_Racename fBlack}$	-6.55[-11.83,-1.27]* -2.43 [2.69]		0.83[-6.98,8.64] 0.21 [3.98]	-6.54[-11.81,-1.26]* -2.43 [2.69]	0.71 [2.79]		0.21 [3.98]	1.99[-3.47,7.45] 0.71 [2.79]
PYRORD STRUMENT V. P. J. J. J. J. V. P. M. J.	0.01 [4757.00]		0.83 [4757.00] -3.03[-10.98.4.93]	0.02 [4756.00]	0.48 [4757.00] 2.81[-2.78.8.41]		0.83 [4757.00]	0.48 [4756.00] 2.78[-2.82.8.37]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefBlack	-0.85 12.75		-0.75 [4.06]	-0.87 [2.75]	0.99 [2.85]		-0.75 [4.06]	0.97 [2.85]
EXPGRP TEXTWhiteV ProducttoiletoanerV RacmamelBlack	0.40 [4757.00] -0.61[-5.92.4.71]		0.46 [4757.00] 0.33[-7.52,8.19]	0.39 [4756.00] -0.61[-5.92,4.71]	0.32 [4757.00]		0.46 [4757.00] 0.33[-7.52.8.19]	0.33 [4756.00]
EXPGRP TEXTWhiteV ProducttoiletpaperV RacenametBlack	-0.22 [2.71]		0.33[-7.52,8.19] 0.08 [4.01] 0.93 [4757.00]	-0.22 [2.71]	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	0.82 [4757.00] -0.23[-5.61,5.16]		0.93 [4757.00] 2.87[-5.07,10.81]	0.82 [4756.00] -0.15[-5.53,5.23]	0.19 [4757.00] 1.90[-3.67,7.48]		0.93 [4757.00] 2.87[-5.07,10.81]	0.19 [4756.00] 1.96[-3.62,7.53]
EXPORP LEXTWIRES Productogarettes v incenamercamese	-0.08 [2.75]		0.71 [4.05]	-0.06 [2.75]	0.67 [2.84]		0.71 [4.05]	0.69 [2.84]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_RacenamefChinese	0.93 [4757.00]		0.48 [4757.00]	0.96 [4756.00] -1.20[-6.63.4.04]	0.50 [4757.00]		0.48 [4757.00]	0.49 [4756.00]
EXPGRP,TEXTWhiteV_ProducthardwaresuppliesV_RacenametChinese	-1.27[-6.61,4.07] -0.47 [2.72]		-2.02[-9.91,5.86] -0.50 [4.02]	-0.48 [2.72]	1.77[-3.75,7.30] 0.63 [2.82]		-2.02[-9.91,5.86] -0.50 [4.02]	1.76[-3.77,7.29] 0.62 [2.82]
	0.64 [4757.00]		0.62 [4757.00]	0.63 [4756.00]	0.53 [4757.00]		0.62 [4757.00]	0.53 [4756.00]
EXPGRP.TEXTWhiteV.ProducttoiletpaperV.RacenamefChinese	2.76[-2.54,8.07] 1.02 [2.71]		0.07[-7.75,7.89] 0.02 [3.99]	2.74[-2.57,8.04] 1.01 [2.70]	8.44[2.94,13.93]*** 3.01 [2.80]		0.07[-7.75,7.89] 0.02 [3.99]	8.42[2.92,13.91]** 3.00 [2.80]
	0.31 [4757.00]		0.99 [4757.00]	0.31 [4756.00]	0.00 [4757.00]		0.99 [4757.00]	0.00 [4756.00]
EXPGRP.TEXTWhiteV.ProductcigarettesV.RacenamefIndian	-2.52[-7.93,2.90] -0.91 [2.76]		-0.14[-8.12,7.85] -0.03 [4.07]	-2.54[-7.95,2.87] -0.92 [2.76]	0.86[-4.75,6.47] 0.30 [2.86]		-0.14[-8.12,7.85] -0.03 [4.07]	0.84[-4.77,6.45] 0.29 [2.86]
EXPGRP_TEXTWhiteV_ProducthardwaresuppliesV_Racenamefindian	0:36 [4757.00] -0:61[-5:95,4:72]		0.97 [4757.00]	0.36 [4756.00] -0.64[-5.97,4.70]	0.76 [4757.00] 4.24[-1.28,9.76]		0.97 [4757.00] -2.11[-10.02,5.80]	0.77 [4756.00] 4.23[-1.30,9.75]
one , winev , rroutchardwaresuppliesv , tacenamelindan	-0.23 [2.72]		-0.52 [4.03]	-0.23 [2.72]	1.50 [2.82]		-0.52 [4.03]	1.50 (2.82)
EXPGRP_TEXTWhiteV_ProducttoiletpaperV_RacenamefIndian	0.82 [4757.00] 2.58[-2.81,7.97]		0.60 [4757.00] 0.57[-7.37.8.52]	0.81 [4756.00] 2.56[-2.82.7.95]	0.13 [4757.00] 4.88[-0.70.10.46[+		0.60 [4757.00] 0.57[-7.37.8.52]	0.13 [4756.00]
And the property of the state o	0.94 [2.75]		0.14 [4.05]	0.93 [2.75]	1.71 [2.85]		0.14 [4.05]	4.87[-0.71,10.45]+ 1.71 [2.85]
MWOther Self	0.35 [4757.00]	-0.025-0.04.0.005*	0.89 [4757.00]	0.35 [4756.00]	0.09 [4757.00]	-0.01[-0.03.0.01]	0.89 [4757.00]	0.09 [4756.00]
ALW OTHER ZHII		-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	0.04 [4788.00] 5.75	5.71	0.03 [4756.06] 5.76	6.84	0.15 [4788.00] 6.83	5.71	0.14 [4756.00] 6.84
SD (Intercept ID) SD (Observations)	9.53	9.53	5.71 14.67	9.52	9.74	9.75	5.71 14.67	9.74
Num.Obs.	4792	4792	4792	4792	4792	4792	4792	4792
R2 Marg. R2 Cond.	0.008 0.273	0.001 0.267	0.009	0.008 0.274	0.007	0.000	0.009	0.007
AIC	36008.4	36 039.5	39780.9	36 013.0	36363.2	36396.0	39780.9	36 370.4
BIC ICC	36 235.0 0.3	36065.4 0.3	40 007.5 0.1	36 246.1 0.3	36589.8 0.3	36 421.9 0.3	40 007.5 0.1	36 603.5 0.3
RMSE p.value, [df.error]	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]	2.50[1.97,3.04]***	-5.47[-9.61, -1.33]**	0.37[-2.46, 3.19]	3.66[0.71,6.61]*	3.16[2.55,3.78]***	-5.47[-9.61,-1.33]**	3.59[0.63,6.54]*
	0.33 [1.44]	9.15 [0.27]	-2.59 [2.11]	0.25 [1.44]	2.43 [1.51]	10.08 [0.31]	-2.59 [2.11]	2.38 [1.51]
EXPGRP.TEXTWhite	0.74 [4773.00] -0.67[-2.69,1.35]	0.00 [4788.00]	0.01 [4773.00] 0.09[-2.75,2.93]	0.80 [4772.00] -0.68[-2.70,1.35]	0.02 [4773.00] -0.49[-2.65,1.67]	0.00 [4788.00]	0.01 [4773.00] 0.09[-2.75,2.93]	0.02 [4772.00] -0.49[-2.66,1.67]
EAFGRE_LEATWING	-0.65 [1.03]		0.06[-2.15,2.93]	-0.68[-2.70,1.33] -0.66 [1.03]	-0.49[-2.60,1.67]		0.06 [1.45]	-0.45 [1.10]
	0.52 [4773.00]		0.95 [4773.00]	0.51 [4772.00]	0.66 (4773.00)		0.95 [4773.00]	0.65 [4772.00]
V_ProductMorMorallyQuestionable	0.72[-1.40,2.84]		0.53[-2.63,3.69]	0.72[-1.40,2.84]	0.35[-1.85,2.54]		0.53[-2.63,3.69]	0.34 - 1.85,2.53
	0.67 [1.08]		0.33 [1.61]	0.66 [1.08]	0.31 [1.12]		0.33 [1.61]	0.30 [1.12]
	0.51 [4773.00]		0.74 [4773.00]	0.51 [4772.00]	0.76 [4773.00]		0.74 [4773.00]	0.76 [4772.00]
V_RacenamefBlack	-1.02[-3.07,1.03]		-0.95[-4.06,2.15]	-1.05[-3.10, 1.01]	-0.03[-2.14,2.08]		-0.95[-4.06,2.15]	-0.05[-2.16,2.06]
	-0.97 [1.05]		-0.60 [1.58]	-1.00 [1.05]	-0.03 [1.08]		-0.60 [1.58]	-0.04 [1.08]
	0.33 [4773.00]		0.55 [4773.00]	0.32 [4772.00]	0.98 [4773.00]		0.55 [4773.00]	0.96 [4772.00]
V_RacenamefChinese	-1.37[-3.41,0.68]		-0.75[-3.82, 2.33]	-1.39[-3.44, 0.65]	-1.02[-3.13,1.09]		-0.75[-3.82, 2.33]	-1.04[-3.15, 1.07]
	-1.31[1.04]		-0.48 [1.57]	-1.33[1.04]	-0.95 [1.08]		-0.48 [1.57]	-0.96 [1.08]
V.Racenamefindian	0.19 [4773.00] 0.21[-1.91.2.34]		0.63 [4773.00]	0.18 [4772.00]	0.34 [4773.00]		0.63 [4773.00]	0.34 [4772.00]
V_RacenametIndian	0.21 [-1.91,2.34]		-1.17[-4.34,2.01] -0.72 [1.62]	0.17[-1.95,2.29]	-1.47[-3.66,0.72] -1.31 [1.12]		-1.17[-4.34,2.01] -0.72 [1.62]	-1.50[-3.69,0.69] -1.34 [1.12]
	0.84 [4773.00]		0.47 [4773.00]	0.87 [4772.00]	0.19 (4773.00)		0.47 [4773.00]	0.18 [4772.00]
V _* Age	0.0670.01.0.125*		0.0810.00.0.167+	0.0630.01.0.125*	0.01[-0.04.0.07]		0.0810.00.0.167+	0.021-0.04.0.071
1,240	2.22 [0.03]		1.85 [0.04]	2.28 [0.03]	0.51 10.03		1.85 (0.04)	0.55 (0.03)
	0.03 [4773.00]		0.06 [4773.00]	0.02 [4772.00]	0.61 [4773.00]		0.06 [4773.00]	0.58 [4772.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionable	0.00[-2.57,2.58]		-2.19[-6.03,1.65]	-0.03[-2.60, 2.55]	-1.00[-3.67, 1.66]		-2.19[-6.03,1.65]	-1.02[-3.69, 1.64]
	0.00 [1.32]		-1.12 [1.96]	-0.02 [1.32]	-0.74 [1.36]		-1.12 [1.96]	-0.75 [1.36]
	1.00 [4773.00]		0.26 [4773.00]	0.98 [4772.00]	0.46 [4773.00]		0.26 [4773.00]	0.45 [4772.00]
EXPGRP_TEXTWhiteV_RacenamefBlack	1.79[-0.69,4.27]		1.72[-2.03, 5.46]	1.84[-0.64,4.32]	-0.87[-3.42,1.68]		1.72[-2.03, 5.46]	-0.84[-3.39, 1.71]
	1.42 [1.26]		0.90 [1.91]	1.45 [1.26]	-0.67 [1.30]		0.90 [1.91]	-0.65 [1.30]
	0.16 [4773.00]		0.37 [4773.00]	0.15 [4772.00]	0.50 [4773.00]		0.37 [4773.00]	0.52 [4772.00]
EXPGRP_TEXTWhiteV_RacenamefChinese	1.23[-1.28, 3.73]		1.59[-2.18, 5.36]	1.27[-1.24,3.77]	-0.51[-3.09,2.07]		1.59[-2.18, 5.36]	-0.48[-3.06, 2.10]
	0.96 [1.28]		0.83 [1.92]	0.99 [1.28]	-0.39 [1.32]		0.83 [1.92]	-0.36 [1.32]
	0.34 [4773.00]		0.41 [4773.00]	0.32 [4772.00]	0.70 [4773.00]		0.41 [4773.00]	0.72 [4772.00]
EXPGRP_TEXTWhiteV_RacenamefIndian	0.21[-2.33,2.75]		1.40[-2.41,5.21]	0.26[-2.29,2.80]	0.13[-2.50,2.75]		1.40[-2.41,5.21]	0.16[-2.46,2.78]
	0.16 [1.30] 0.87 [4773.00]		0.72 [1.94] 0.47 [4773.00]	0.20 [1.30] 0.84 [4772.00]	0.09 [1.34] 0.93 [4773.00]		0.72 [1.94] 0.47 [4773.00]	0.12 [1.34] 0.90 [4772.00]
V_ProductMorMorallyOuestionableV_RacenamefBlack	1.09[-1.93,4.11]		-2.58[-7.07,1.91]	1.05[-1.97,4.06]	-0.55[-3.67,2.57]		-2.58[-7.07,1.91]	-0.58[-3.69,2.54]
4 to contract action of descriptions a front property of the contract of the c	0.71 [1.54]		-1.13 [2.29]	0.68 [1.54]	-0.34 [1.59]		-1.13 [2.29]	-0.36 [1.59]
	0.48 [4773.00]		0.26 [4773.00]	0.50 [4772.00]	0.73 [4773.00]		0.26 [4773.00]	0.72 [4772.00]
V_ProductMorMorallyQuestionableV_RacenamefChinese	-2.08[-5.21,1.04]		-2.83[-7.43,1.77]	-2.13[-5.25,0.99]	-2.33[-5.57.0.91]		-2.83[-7.43,1.77]	-2.36[-5.60,0.88]
·	-1.31 [1.59]		-1.21 [2.34]	-1.34 (1.59)	-1.41 [1.65]		-1.21 [2.34]	-1.43 [1.65]
	0.19 [4773.00]		0.23 [4773.00]	0.18 [4772.00]	0.16 [4773.00]		0.23 [4773.00]	0.15 [4772.00]
V. Product MorMorally Questionable V. Racenamefindian	-1.93[-5.08,1.22]		0.62[-4.01,5.24]	-1.89[-5.04, 1.26]	0.50[-2.78, 3.77]		0.62[-4.01,5.24]	0.53[-2.74, 3.80]
	-1.20 [1.61]		0.26 [2.36]	-1.17 [1.61]	0.30 [1.67]		0.26 [2.36]	0.32 [1.67]
	0.23 [4773.00]		0.79 [4773.00]	0.24 [4772.00]	0.77 [4773.00]		0.79 [4773.00]	0.75 [4772.00]
EXPGRP.TEXTWhiteV.ProductMorMorallyQuestionableV.RacenamefBlack	-2.39[-6.09, 1.30]		2.07[-3.42,7.56]	-2.36[-6.06, 1.33]	1.56[-2.27,5.38]		2.07[-3.42,7.56]	1.58[-2.24, 5.40]
	-1.27 [1.89]		0.74 [2.80]	-1.25 [1.88]	0.80 [1.95]		0.74 [2.80]	0.81 [1.95]
	0.20 [4773.00]		0.46 [4773.00]	0.21 [4772.00]	0.42 [4773.00]		0.46 [4773.00]	0.42 [4772.00]
${\bf EXPGRP.TEXTWhiteV.ProductMorMorallyQnestionableV.RacenamefChinese}$	2.02[-1.77,5.81]		2.42[-3.17, 8.00]	2.05[-1.73,5.84]	4.33[0.41,8.26]*		2.42[-3.17,8.00]	4.36[0.43,8.28]*
	1.04 [1.93] 0.30 [4773.00]		0.85 [2.85]	1.06 [1.93]	2.16 [2.00] 0.03 [4773.00]		0.85 [2.85]	2.18 [2.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyOuotionableV_Racenamefindian	0.30 [4773.00]		0.40 [4773.00] 1.41[-4.21,7.02]	0.29 [4772.00] 0.41[-3.41.4.23]	0.03 [4773.00]		0.40 [4773.00] 1.41[-4.21,7.02]	0.03 [4772.00] 0.77[-3.19,4.73]
EAFGRE, LEAT WHITEV Product Morniorally Questionanie v praceinmentalian	0.41[-3.40,4.23]		0.49 [2.86]	0.41[-3.41,4.23]	0.76[-3.16,4.74]		0.49 [2.86]	0.38 [2.02]
	0.83 [4773.00]		0.62 [4773.00]	0.83 [4772.00]	0.70 [4773.00]		0.62 [4773.00]	0.70 [4772.00]
MWOther-Self	ocea [411a.oo]	-0.025-0.04.0.005*	0.02 [4113.00]	-0.02[-0.04.0.00]*	0.10 [4113.00]	-0.01[-0.03.0.01]	0.02 [4113.00]	-0.01[-0.03.0.00]
		-2.06 [0.01]		-2.16 [0.01]		-1.44 [0.01]		-1.48 [0.01]
		0.04 [4788.00]		0.03 [4772.00]		0.15 (4788.00)		0.14 [4772.00]
SD (Intercent 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	0.006	0.006	0.004	0.000	0.006	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	39815.5	36031.8	36 385.6	36 396.0	39815.5	36392.7
BIC	36 150.1	36065.4	39 938.5	36161.3	36 508.6	36 421.9	39938.5	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]								

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

Table 3.19: Model H2b

Marging Marg	Intercent's	MW C path -6.30[-11.16,-1.29]*	MW In path -2.66-2.29 -2.06***	MW R2 path	MW RI path -2.66[-3.23,-1.96]***	MW B1 path	MW C1 path 0.86(-2.43,4.15)	MW C2 path \$115-6 W 6 See	MW C'1 path -6.30[-11.13,-1.46]*	MW C2 path	MW C'2 path	MW C'4 per
1961 1961	accept,		-2.66[-3.29,-2.04]*** -8.31 [0.32]	-2.64[-3.27,-2.64]*** -8.22 [0.32]		-2.60(-3.23,-1.67)*** -8.04 [0.32]		3.11]-0.31,6.54]+ 1.38 [1.35]	-2.55 [2.47]	-6.25[-11.84,-1.37]* -2.52 [2.47]	-6.22[-11.85,-1.38]* -2.32 [2.47]	-6.20[-11.00,- -2.51 [2.41 0.00 [2750.0
1968 1968	EPGRP_TEXTWise	-0.531-4.59.3.457	0.00 (2700.00)	0.00 [2790.00]	0.00 (2757.00)	0.00 [2794.00]	-1.157-2.80.1.635	125-189.416	-0.61[-1.63.3.41]	-0.531-4.55.3.490	-0.575-4.59.3.457	-0.575-4.59.3
18.1 18.1							-0.81 [1.42] 0.42 [4753:00]					-0.28 (2.0) 0.79 (2750.0
1968	Productriguettes	0.59[-3.94,5.11] 0.25 [2.31]					-0.02[-3.06,3.02] -0.05 [1.55]	0.94[-2.30,3.99] 0.52 [1.69]	0.58[-3.94,5.11] 0.25 [2.31]	0.60[-2.93,5.13]	0.59[-2.93,5.12] 0.26 [2.21]	0.61 -2.51,5 0.27 2.31
1982 1982	Product hardware realize											0.79 (a758.6 0.325-4.30.5
1968 1968 1969		0.23 [2.35]					-0.58 [1.58]				0.24 [2.35]	
1968 1968 1969	Productisistpaper	1.17[-3.32,5.66]					0.52[-2.50,3.54]	174 - 1.38, 4.86	1.20[-3.29,5.69]	123[-3265.72]	124-325530	0.82 [2758.6 1.17] - 2.32,5 0.51 [2.39
Company Comp		0.51 [2.29] 0.61 [253.00]					0.34 [1.54] 0.74 [4753:00]	0.27 [2753.00]	0.60 [2752.00]	0.54 [229] 0.58 [4752.00]	0.54 [2:29] 0.59 [2:51.00]	0.51 [2.29 0.61 [2758.6 -1.67]-6.183
Part	Reconstitiek											-147 -618; -673 [23 6.0] [056.0
1968 1969	Barragard Chinese						0.34 [2753:00] -1.94[-4.90.1.07]		0.46 [4752.00] -0.201-5.81.3007			
September 1988 1988 1988 1988 1988 1988 1988 198		-657 [2.26]					-1.24 [1.52]	-0.15 [1.57]	-061 [2.26]		-0.61 [2:26]	-0.60 (2.2 0.55 (258)
September 1988 1988 1988 1988 1988 1988 1988 198	Recessorficios	-2.76(-7.42,2.62)					-0.69(-3.86,2.48)	-696[-423,231]	-2.73[-7.44,1.99]	-2.74[-7.46,1.96]	-2.75[-7.47,1.60]	-281 -753, -1.17 2.4
September 1988 1988 1988 1988 1988 1988 1988 198							0.67 [2753:00]					
Company	Age						0.00(0.01,0.12)*					1.72 0.64
Company	Location in Locality	0.09 [2552.00]					0.03 [2552:00]	0.68 [2753.00]	0.09 [4252.00]	0.09 [4252.00]	0.09 [2552.00]	0.09 [2758
Column		-0.21 [0.56]					-0.05 [0.38]	-0.30 [0.29]	-0.22 [0.56]	-0.23 [0.56]	-0.23 [0.56]	-0.10[-1.20, -0.10[-1.20, -0.28 [0.5 0.86 [2750.
1	Locationnessby							-0.08(-0.92(0.00)				0.62] -0.25, 1.52 (0.5)
1								0.84 [4753.00]				
1	torTypelepartmentstor	0.80[-0.31,1.80]					0.20(-0.64,0.94) 0.26 (0.26)	-0.54[-1.30,0.22] -1.39 (0.29)	0.80(-0.31,1.90)	0.78[-0.33,1.88] 1.38 [0.56]	0.79(-0.32,1.99) 1.39 [0.56]	0.29(-0.21, 0.29(-0.21, 1.41 (0.30 0.16 (2750
1	Daw Transconnected	0.16 (2753.06)					0.80 [2553:00]	0.16 [2753.00]	0.16 [2252.00]	0.17 (4752.00)	0.16 [2751.00]	0.16 (d)58 (0.79 -0.31)
Part							0.45 (0.36)	-0.42 (0.29) 0.67 (075) (05	1.22 (0.56)	1.39 (0.56)	1.40 (0.54) 0.14 (105) (40)	1.41 (0.5 0.16 (275)
Marchael	PGRP TEXTWisteV Productoiguettes							-1.00[-4.82,2.80]	-1.06[-6.57,4.45]	-1.16[-6.67,4.35]		-1.13(-6.61 -0.40 (2:
STATESTATES AND							0.24 [4753:00]	0.61 [2753.00]	0.71 [4752.00]	0.68 [4752.00]	0.79 [2750.00]	
Company Comp	PGRP_TEXTWhiteV_Producthardwaresupplies	1.36[-4.18,6.98] 0.48[2.82]					0.56[-2.78,1.66] 0.56[1.66]	-3.35[-7.29,0.49]+ -1.71 [1.96]	1.39[-4.14,6.90] 0.29 [2.82]	1.24[-4.30,6.78] 0.44 [2.82]	1.30[-424,6.60] 6.46 [2.82]	1.28[-4.26, 0.45 [2.6
14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PGRP.TEXTWisteV.Psoductiosistassee	0.63 [4753.06]					-1 00 -1 T1 2 ST		0.62 (4752.66)	0.66 (2752.00) -1.951-7.40.3.49	-1.95-T.493.49	0.65 [4758. -1.895-7.34
Series of the se	,	-0.65 (2.76)						-2.23 [1.83]			-0.70 [2.78]	-0.68 (2
Series of the se	PGRP,TEXTWhiteV,ReceasedSlack	3.17[-2.28,8.60]					2.99(-0.67,6.66)	-233[-611,145]	3.26[-2.17,8.78]	209-236854	319-226865	3.20(-2.25) 1.15 (2.3
The Control of Control							1.60 [1.87] 0.11 [4753-00]	-1.21 [1.93] 0.23 [2753.00]				
The Section of Control	PGRP_TEXTWhiteV_Recessare/Chinese	6.94 [2.79]					189(-1.17,5.30)	-1.28[-5.26,2.30] -0.77 [1.83]	697 (2.29)	258[-286,842] 6.80 (277)	0.95 (2.79)	2.59(-2.85.)
The Section of Control	DORP TEXTWine Processed with	0.05 (4753.00)					0.31 [2753:00]	0.44 [2753.00]	0.22 [2252.00]	0.35 (4752.00)	0.34 [4751.00]	0.35 (2758)
The State of the S	PORPLEX I WILLY QUITALING	0.92 [2.97]					0.29 [1.60]	-1.05 [1.99]	692 [2.87]	0.89 (2.87)	0.90 [2.97]	0.35 (2758 2.65) - 2.94; 0.92 (2.8 0.36 (2758
The State of the S	Product signettes V. Rasename Ellack	-1.03(-9.41,3.34)					2.67(-1.64,6.98)	-1.12 -5.88,3.60	-2.93(-9.31,3.44)	-10(-9.6,330)	-239(-536,339)	-383(-941
The Section of Control		0.35 [4753.00]						0.53 [4753.00]	0.07 [4752.00]	0.34 [4752.00]	0.36 [4754.00]	-283(-941 -636 (236 0.35 (236
1	Producther dware applies V. Romanar Ellisch									197[-165,838]		2.65[-4.56]
1	Productivistance/ ProcuredBlok	0.55 (2552.00)					0.66 [2752.00]	0.46 [2753.00]	0.55 [4752.00]	0.56 [4752.00]	0.55 [2751.00]	0.54 (4758
1		-0.15 [3.30]					0.13 [2.20]	-0.56 [2:31]	-0.16 [3.30]	-0.17 [3.30]	-0.17 [3.30]	-0.50 -6.97 -0.35 33 0.89 2750
Marchael	Product signettes V_Pasename (Chinese						-1.35(-5.81.3.11)					
1							-0.58 [2:28] 0.55 [2753:00]	-0.63 [2:36] 0.53 [253.00]	-092 [3.35] 0.36 [4752.00]			-0.96 (3.1 0.35 (2758
1	Producther descrepping V_Recessor Chiare	1.29[-5.14,T.13] 0.39 [3.28]					1.06(-3.30,5.42) 0.48 (2.22)	-1.43(-5.95,3.66)	1.34[-5.10,7.77] 0.41 (3.28)	1.24[-5.20,TAP] 0.38 [3.28]	1.28[-5.15,7.72] 0.29 (3.28]	0.35 (2758 1.31) - 5.13, 0.48 (2.2 0.68 (2758
1	h to a to	0.69 [2753.06]					0.63 [2753:00]	0.53 [2753.00]	0.69 [4752.00]	0.71 [4752.00]	0.79 [4752.00]	0.68 [2758.
The state of the s	Anna Carry Statement Statement	-0.51 [3.27]					-0.77 (2.22)	-1.97 (2.90)			-0.56 (3.27)	-0.56 (8.2
	ProductoiguettesV-Roomanedhalian						0.12[-4.34,4.58]	0.05 [2751.00]		3.15[-3.43,9.73]	3.16[-3.42,9.74]	3.15[-3.42]
		0.50 [3.36] 0.35 [4253.06]					0.05 (2.26) 0.96 (2553.00)	0.90 (2.96) 0.92 (2753.00)	035 [236]	0.96 (3.36) 0.35 (4752.00)	0.94 (0.36)	0.57 [2750 0.15] - 2.42) 0.94 [3.3 0.35 [2750 2.65] - 2.52) 0.94 [3.3
	ProducthardwaresuppliesV. Raceannelladion	2.88[-3.68,9.45]					1.69(-2.71.6.12)	-1.02(-5.61,3.56)	2.95[-3.62,9.32]	2.86[-3.71,9.42]	292 - 265,949	3.65(-3.52)
Car												0.36 (a750 1.16 - 5.47
1	annerstandelput Neurosanana	0.32 [3.37]					-0.96 (2.26)	-0.30 (2.37)		0.32 (3.36)		
1	PGRP,TEXTWisteV.ProductoignetteV.Recessorfflack						0.33 [2753:00] -6.61]-11.90,-1.33[*	0.92 [2753.00] 2.00[-3.47,7.47]	0.77 [4752.00] 0.34[-7.48,8.36]	0.75 [2752.00] 0.00[-7.15,8-27]	0.27 [2751.00] 0.26[-T.36,8.27]	0.74 (0750 0.49(-7.33) 0.12 (0.9 0.90 (0750
1		0.14 [3.99]					-2.45 (2.50) 0.01 (2753-00)	6.72 (2.79) n et tetra aut	0.09 [2.96]	0.17 (2.94)	0.11 [3.99] 0.90 (475) (47	0.12 (3.9
March Marc	${\it CRP_TEXTWisteV_Poolsethardware appliedV_Races and Black}$							290(-230,850)	-0.47(-11.44,4.49)		-3.36[-11.34,4.56] -6.93 (4.66]	-3.37]-11.3 -0.83 (4)
							0.08 [2750.00]	0.00 [4753.00]				0.41 [4750 0.41 [4750
	roor, con males Productionspapers Recessed Black	0.07 [103] 0.07 [103]					-0.81 [-0.84,471] -0.23 [2.72]	1.33 [2.61]	+ 29[-7.57,8.15] 687 [4.81]	0.11 [4.01]	0.20[-7.27,8:26]	0.06 (4.0
	PGRP_TEXTWisteV_ProductoignetteV_Recessor(Chinese						0.82 [2753.00] -0.26[-5.65,5.12]	0.18 [2753.00] 1.80[-3.79,7.39]		0.90 (2752.00) 2.74(-5.21,30.00)	0.92 [2751.00] 2.73(-5.22.30.09)	2.835-5.123
Company Comp		0.67 [4.05]					-0.09 (2.15)	0.50 (2.50)	647 [145]	0.50 (4753.00)	6.67 (4.65) 6.56 (455) 667	0.79 (4.6
The content of the	$PGRP_TEXTWhiteV_Product has demonstrapliesV_Race name f Chinese$						-1.25(-6.59, £69)		-2.00[-9.89,5.89]			
The content of the		0.62 [4753.00]					-0.26 (2.73) 0.65 (2753.00)	0.52 [2753.00]	0.62 [4752.06]	0.64 [4752.00]	0.63 [255.00]	-0.46 44 0.65 4750 0.85 4750 0.08 4.0 0.92 4750
The content of the	PODP-TEXTWIREV Production (spaper) Reconnect Chinese	0.02[-T81,T86] 0.01 [3.99]					2.76(-2.36,8.07) 1.02 [2.71]	8.47[2.96,13.97]** 3.61 [2.81]	0.15[-7.69,7.68] 0.04 [4.00]	0.03[-7.51,8.96] 0.08 [4.00]	0.34[-7.50,8.17] 0.08 [4.00]	0.33[-7.50, 0.09 [4.6
	PGRP_TEXTWhiteV_ProductoignettesV_Recessorfladion											
Page		-0.02 [4.08] 0.96 [4753.06]					-0.94 [2.77]	0.33 [2.86]	-0.05 [4.08]	-0.02 [4.08]	-0.04 [4:09] 200 (200 000)	-0.04 [44
	PGRP_TEXTWhiteV_Producther/successpilesV_Receased below						-0.62[-5.86,4.73]		-2.21 10.13,5.79	-2.01[-9.95,5.87]	-2.16[-10.61,5.82]	-2.15[-10.00
		-031 [£81] 039 [£53.00]					-0.22 (2.73) 0.82 (2753.00)	0.12 [2753.00]	0.58 [4752.00]	-631 [£82] 0.61 [£752.00]	0.60 [255.00]	-0.58 [4150 0.58 [4750 0.67]-7.30
	PODP, DATWIES V. Production of paper V. Rossause finding	0.59[-7.39,9.55]						4.88[-0.72,30.47]+ 1.71 (2.86)				
1	Marshill	0.80 [2252.00]			-0.02-0.070.em	-0.04 -0.05.041	0.05 [4750:00]	0.09 [2753.00]	0.86 [2252.00]	0.85 [2552.00]		0.67 (275)
			-1.72 (0.60)		-1.26 [0.02]	-1.53 [0.02]			-1.87 [8.82]		-1.27 [0.02]	-0.00 -0.00 -1.71 (0.0 0.08 (2750 -0.04)-0.08
Constitution	Other Soil		4.09 [2700.00]	-0.04[-0.08,0.00]+	-0.02(-0.07,0.00)	-0.12 [4798.00] -0.04[-0.080.04]+			Jan [2752.00]	-004 -008,000 +	-0.03(-0.07,0.02)	-004 4750 -004 -008
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				-1.81 (0.02) 0.07 (4788.00)		-1.65 (0.02) 0.10 (4764.00)						0.10 (00)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Other SelfTCOther Self											
$_{\rm AGG}$ = 170 = 270 = 170 = 270 = 270 = 270 = 270 = 270 = 170	Annual Pa	f 80	5.00			0.25 [4266.00]				1.00	7.70	1.29 (0.0
	(Onevation)											5.71 14.66
	n Ole.	2792 0.001	2790 0.000	2792	4792 4.001	2792 0.001	2790 0.000	2792 0.007	2792 0.001	2792 0.011	2792 0.002	2790 6.012
-07903. 29943.7 29943.5 29943.5 29943.7 29943.9 29943.7 29943.0 20935.9 29745.9 29745.4 29745.2 29745.		0.141	0.132		0.132	0.131	0.273	0.335				0.142
		39 TWO 5 40 03 3 1	29367.6	39941.5 39967.4	29 8 6 2 2	201003.5	36209.5	36622.3	2019139	20153.4	20194.2 20056.7	
C 61 61 61 61 61 62 62 62 61 61 62 62 62 62 62 62 62 62 62 62 62 62 62	: DE	000331 6.1 14.10	29967-6 0.1 14.19	0.1	20 8 0 L 2 0 L 1 1 L 1 R	0.1 14.18	0.3 994	0.3 9.21	0.1	0.1 14.10	61	0.1 14.09

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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

-2.63[-5.99,0.73] -1.54 [1.71] 0.12 [4758.00] -0.52[-4.54,3.56] -0.75,72.65	-2.66[-3.29,-2.04]*** -8.31 [0.32] 0.00 [4788.00]	-2.64[-3.27,-2.60]*** -8.22 [0.32] 0.00 [4798.00]	-2.60[-3.23,-1.96]*** -8.62 [0.32] 0.60 [4787.60]	-2.66(-3.23,-1.97)*** -8.04 [0.32] 0.00 [4786.00]	2.47[1.15,5.96]** 2.93 [1.18] 0.00 [2758.00]	3.29(0.85,5.73)** 2.64 [1.24] 0.01 [4758.000	-2.50[-5.86,0.86] -1.46 [1.71] 0.14 [2757.00]	-2.56[-5.86;0.86] -1.46 [1.71] 0.14 [2757.00]	-2.42[-5.86,0.80] -1.42 [1.71] 0.16 [4756.00]	-2.42[-5.78(0.94] -1.41 [1.71]
-0.52]-4.54,3.56]	0.00 [4288.00]	0.00 [1788.00]	0.00 [2797.00]							
					-1.12[-3.90,1.66]	1.217-1.71.4.147	-0.551-4.57.3.46	-0.00-450350	-0.525-4.54.3.300	0.16 [2755.06] -0.51[-4.53,8.51]
0.80 [4758.00]					-0.79 [1.42] 0.43 [4758.00]	0.81 [1.49] 0.42 [4758.00]	-0.27 [2.05] 0.79 [4757.00]	-0.23 [2.05] 0.82 [4757.00]	-0.25 [2.05] 0.80 [2756.00]	-0.25 (2.05) 0.80 (4755.00)
								0.61[-3.92,5.13]		0.62[-3.90,5.15] 0.27 [2.31]
										0.69[-3.92,5.30]
					0.60 [2758.00]	0.25 [4758.00]		0.74 [4757.66]	0.75 [4756.00]	0.77 (4755.00) 1.067-3.48.5.55
					0.00 (1.54)				0.49 (2.29)	0.06 [2.29] 0.64 [4755.00]
-1.771-6.27.2.74					-1.541-4.56.1.490	0.82 - 2.30.3.947		-1.741-6.25.2.76	-1.79(-6.29.2.71)	-1.79 -6.29.2.71
-0.27 (2.30) 0.44 (475+00)					0.32 (4758.00)	0.63 14758.000	-0.79 [2.30] 0.43 [4757.00]	-0.76 [2.30] 0.45 [4757.00]	-0.78 [2.30] 0.44 [4756.00]	-0.78 [2.30] 0.41 [4755.00] -1.33[-5.76,3.11]
-1.27[-5.71,3.17] -0.56 (2.26)					-1.96(-1.84,1.13) -1.22 (1.52)	-0.22[-3.30,2.66] -0.14 [1.57]	-1.34[-5.78,3.69] -0.59 (2.26)	-1.29[-5.71,1.14] -0.37 (2.26)	-1.34[-5.79,3.09] -0.59 (2.26)	-1.33[-5.76,3.11] -0.59 (2.26)
0.57 [4758:00]					0.22 [4758.00]	0.89 [4758.00]		0.57 [1757.00]	0.55 [4756.00]	0.56 [2755.00] -2.997-7.61.1.827
0:25 [4758:00] -1:27]-6:78,4:24]					2.195-1.51.5.890	-1.00 -4.82.2.82	0.24 [4757.00] -1.19[-6.79,4.32]	0.24 [1757.00] -1.29[-6.80,4.22]	-1.28-6.74.436	0.23 [4755.00]
						0.63.14059.000		0.65 0/257.000		-0.45 [2.61] 0.65 12755.001
1.24 -4.30,678					0.871-2.85.4.590	-3.33[-7.16,0.51]+	1.271-4.26.6.811	1.12 - 4.41,6.66		1.15[-4.38,6.69] 9.41 (2.82)
0.66 [4758.00]								0.69 [2757.00]	0.68 [4756.00]	
-0.68 [2.77]						-2.22 [1.92]		-0.74 [2.77]	-0.74 [2.77]	-1.99[-7.43,3.45] -0.72 [2.77]
							0.48 [4757.00]	0.46 [4757.00]		0.47 [4755.00]
1.10 (2.76)					1.58 (1.87)	-1.19 (1.93)	1.14 (2.78)	1.07 [2.78]	1.11 (2.78)	1.11 (2.78) 0.27 (4755.00)
2.48(-2.967.91)					1.811-1.845.471	-1.47)-5.25,2.30(2.541-2.99.7.971	2.44 - 3.00,7.87	2.495-2.94.7.905	2.45-3.00.7.88
0.99 (2.77) 0.27 (4754.00)					0.97 [1.96] 0.23 [4758.66]	0.44 14758.000	0.36 (4757.00)	0.28 (4757.00)	0.90 (2.77) 0.37 (4756.00)	0.88 (2.77) 0.38 (4755.00)
							2.641-2.98.8.257			2.62[-2.99,8.24] 0.92 [2.87]
										0.36 [2755.00]
					1 99 19 96					-0.9379.37
										0.85 [4755.00] 1.677-4.98.8.287
0.49 [3.37]					0.39 (2.29)	-0.70 [2.37]	0.49 (3.37)	0.49 (3.37)	0.48 (3.37)	0.50 (3.37)
-0.25]-6.71,6.22]					0.42(-3.95,4.79)	-1.27[-5.79,3.26]	-0.25[-6.72,6.22]	-0.29[-6.76,6.17]	-0.28[-6.75,6.38]	-0.24[-6.71,6.22]
0.94 [4758.00]					0.19 [2.28] 0.85 [2758.00]	-0.55 [2.81] 0.58 [4758.00]	0.94 [4757.00]	0.93 (2757.00)	0.93 [4756.00]	-0.07 [3.30] 0.94 [4755.00]
						-1.58[-6.20,3.04] -0.67 19.95				-3.29[-9.85,3.27] -0.98 [3.35]
0.34 [4758.00]					0.52 [4758.00]	0.50 [4758.00]	0.83 [4757.00]	0.84 [4757.00]	0.33 [4756.00]	0.33 [4755.00] 1.07[-5.36,7.50]
						0.52 [4758.00] -4.55[-9.05, -0.04]*				0.74 [4755.00] -1.77[-8.17,4.60]
-0.48 [3.36] 0.69 (4754.00)					-0.79 (2.22) 0.43 (475) 007	-1.98 (2.38) 0.05 (475) 000	-0.50 (3.26) 0.63 (3757.06)	-0.53 (3.26) 0.60 (7757 06)	-0.53 (3.26) 0.50 (4756 00)	-0.54 [3.26] 0.59 [4755.00]
3.33[-3.24,9.91]					0.26[-4.29,4.72]	0.27 - 4.35,4.89	3.35(-3.23,9.93)	3.35[-3.22,9.93]	3.367-3.22.9.967	3.35[-3.22,9.93] 1.00 (3.35)
0.32 [4758.00]					0.50 [2758.00]	0.56 [4758.00]		0.32 [4757.00]	0.32 [4756.00]	0.32 [4755.00]
0.85 [3.35]					0.77 [2.26]	-0.42 [2.33]	0.87 (3.35)	0.84 [3.35]	0.86 [3.35]	0.90 [1.35]
0.40 (4758-00)					0.44 [2758.00]	0.68 [4758.00]	0.88 [4757.00]	0.40 [4757.00]	0.39 [4756.00]	0.37 [4755.00] 1.30[-5.30,7.89]
							0.34 (3.36)		0.34 [3.36]	0.39 [3.36] 0.70 [4755.00]
0.90[-7.01,8.61]					-6.58-11.86-1.30°	1.97 - 3.49.7.430	0.571-7.24.8.290	0.865-6.92.8.695	0.09[-7.12,852]	0.7E-7.09.854
					-2.44 [2.69] 0.00 (2759.00)	0.71 [2.79]	0.14 (3.96)	0.22 [3.96]	0.17 [3.96]	0.18 [2.98] 0.86 [2755.00]
-2.835-10.88.5.035										-2.91[-10.96,5.05] -0.72 [4.06]
										0.47 [4755.00] 0.36[-7.50,8.21]
					-0.23 [2.71]	1.32 [2.81]			0.11 [£01]	10.1 [00.0
						0.29 [4758.00]				0.93 [4755.00] 3.03-4.90.10.97
						0.67 (2.64)			0.72 [£05] 0.47 (4756.00)	0.75 (4.05) 0.45 (4755.00)
-1.65]-9.73,6.04					-1.127-6.46.4.227	1.81 - 3.72,7.33	-1.86(-9.77,6.00)	-1.78[-9.66,6.11]	-1.82[-9.71,6.06]	-0.02 (1.00)
0.65 14754.000					0.68 (2758.00)	0.52 14758.000	0.64 (4757.00)	0.66 (\$757.00)	0.65 14756.00	0.67 14755.00
0.12[-7.70,7.94]					2.76(-2.51,8.16) 1.03 (2.71)	8.44[2.65,13.94]** 3.01 (2.80)		0.30 (3.99)	0.43(-7.39.8.25) 0.11 (3.96)	0.44[-7.38,8.26]
0.98 (4258.00)						0.00 14758.000				0.91 [2755.00] -0.28[-8.27,7,79]
					-0.94 (2.76)	0.79 77 667	-0.06 tr.06	-0.05 14.000		-0.07 01.07
										0.94 [4755.00] -2.10(-10.00.5.81]
					-0.24 (2.72) 0.61 (775) 007	1.50 [2.82] 0.73 [4758.000	-0.54 (4.00) 0.50 (2757 00)	-0.50 [4.00] 0.67 (2777 00)	-0.51 [£03]	-0.52 [4.03] 0.60 [4755.00]
0.57 - 7.37,8.52					2.56[-2.83,7.95]	4.87[-0.71,10.45]+	0.69[-7.25,8.64]	0.75[-7.29,8.70]	0.80(-7.15,8.75)	0.67[-7.28,8.62]
0.89 [4758.00]					0.35 [2758.00]	0.09 [4758.00]	0.86 (4757.00)	0.85 [4757.00]	0.84 [4756.00]	0.87 (4755.00)
									-0.03(-0.07,0.02)	-0.04[-0.09,0.00] -1.64 (0.02)
	0.09 [4296.00]		0.23 [2797.00]	0.13 (47%-00)			0.07 [4757.00]	and ances.	0.20 [4756.00]	0.10 [2755.00]
										-0.02 -0.00(0.00)+ -1.65 (0.02) 0.10 (4755.00)
		0.07 [4788.00]	0.19 [4797.00]					0.07 [4757.00]	0.20 [4756.00]	
				0.75 (4796.00)						1.27 (0.00) 0.20 (4755.00)
5.71	5.72	5.68	5.70	5.69	5.25	6.84	5.79	5.69	5.71	5.79
										4792
	0.001	0.001	0.000	0.001	0.007		0.009	0.009	0.010	0.000
29777.3	0.132 39.941.7 79.967.6	29 841.5 29 847.4	9.132 39.847.8 39.990.7	39 960.7 39 969.5	0.272 36.065.9 36.776.0	36356.1 36356.2	39 792.0 20 792.0	9792.1 99792.7	9.120 29.788.2 40.021.9	29 900.9 40 0 0 4
29997.5 0.1 14.12	0.1 14.19	0.1 14.19	0.1 14.18	0.1 14.19	6.3 9.04	0.3 9.21	0.1 14.11	0.1 14.12	0.1	0.1 14.11
_	1	A THE STATE OF THE	1	The color of the	1	1	Color	Company	Company	Colorate Colorate

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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

	MW C path	MW Bit path	MW R2 path	MW R3 path	MW Bit path	MW Cl path	MW C2 path	MW C'1 path	MW C2 path	MW C'3 path	MW C'4 path
(Intercept)	-2.26[-4.63,0.10]+	-2.66[-3.29,-2.64]***	-2.64[-3.27,-2.60]***	-2.60[-3.23,-1.96]***	-3.28[-4.39,-2.16]***	3.65[1.36,4.73]***	4.27[2.47,6.06]***	-2.15[-4.52,0.22]+	-2.30[-1.48,0.27]+	-2.06[-1.43,0.32]+	-240[-444,030]+
	-1.88 [1.21]	-8.31 [0.32]	-8.22 [0.32]	-8.02 [0.32]	-5.96 (0.57)	3.55 [0.96]	4.66 (0.92)	-1.28 [1.21]	-1.74 [1.21]	-1.50 [1.21]	-1.71 [1.21]
EXPGRP.TEXTWide	0.06 [277±00] 0.09[-2.75,2.00]	0.00 [2768.00]	0.00 [2768.00]	0.00 [4297.00]	0.00 [27x2.00] 1.001-0.35.2.36	0.00 [2771.00] -0.671-2.70.1.351	0.00 [1771.00]	0.05 [2773.00]	0.08 [2773.08]	0.09 [2772.00]	0.09 (2771.00)
KAPGEP, TEXTWEE	0.06 (1.47				1.60 - 0.35,236)	-0.65 (1.00)	-0.44 (1.16)	0.00[-2.17,250]	0.05 (1.45)	0.00[-2.19,2.90]	0.05 [-2.75,230]
	0.05 (4774.00)				0.15 (4792.00)	0.51 (4771.00)	0.66 (4774.00)	0.96 14773.00	0.96 12773.00	0.97 (4772.00)	0.97 (477).00
V.ProductMorklorallyQuestionable	0.467-2.70.3.627				0.13 [8052.00]	0.66-1.662.78	0.30[-1.86,2.52]	0.491-2.67.3.65	0.477-2.693.607	0.01-2.67.3.60	0.491-2.67.3.64
A construction of the construction	0.29 [L6]					0.61 [1.06]	0.30 [1.12]	9.39 [1.61]	0.29 [1.61]	0.30 [1.61]	9.30 [1.61]
	0.77 (4774.00)					0.54 (477).001	0.77 (4774.00)	0.76 14773.00	0.77 (4773.00)	0.76 (4772.00)	0.76 (477).00
V.Recream/Black	-1.65 -4.15.2.65					-1.305-3.15.0.957	-0.051-2.16.2.06	$-1.067 - 4.18 \cdot 2.027$	-1.667-4.15.2.667	-1.071-4.17.2.000	-1.651-4.15.2.651
	-0.66 (1.58)					-1.05 (1.05)	-0.04 [1.08]	-0.69 TLS6	-0.66 [1.56]	-0.68 [1.58]	-0.66 (1.58)
	0.51 [4774.00]					0.29 [4771.00]	0.97 [4774.00]	0.29 [4773.00]	0.51 (4773.00)	0.50 [4772.00]	0.51 [4771.00]
V_RecessardChinese	-0.79[-3.96,2.29]					-1.40(-3.45,0.65)	-1.00[-3.11,1.09]	-0.84 -3.91,2.23	-0.84[-3.91,2.24]	-0.87[-3.94,2.21]	-0.84[-3.92,2.23]
	-0.50 [1.57]					-1.34 [1.04]	-0.95 [1.08]	-0.54 [1.57]	-0.54 [1.57]	-0.55 [1.57]	-0.54 [1.57]
	0.62 [4774.00]					0.18 [4771.00]	0.34 [4774.00]	0.59 [4773.00]	0.59 [4773.00]	0.58 [4772.00]	0.59 [4771.00]
V.Recesseffedin	-1.29[-4.38,1.98]					0.18[-1.95,2.38]	-1.49[-3.67,0.71]	-1.19[-4.37,1.96]	-1.25[-4.43,1.62]	-1.24 -4.41,1.94	-1.23[-4.40,155]
	-0.74 [1.62]					0.16 [1.08]	-1.92 (1.12) 0.19 (2774.00)	-0.74 [1.62] 0.46 [4773.00]	-0.77 [1.62] 0.44 [4773.00]	-0.76 [1.62] 0.45 [2772.00]	-0.76 (1.62) 0.45 (4771.00)
EXPGRP,TEXTWistsV.ProductMatManallsOusstionable	0.26 [277±00] -2.16'-6.03.1.66					0.07 (2712.00)	-1.00(-2.66.1.67)	-2.19(-6.03.1.67)	-2.21 -6.06.1.60	-2.21 -6.06.1.63	-2.19[-6.04.165]
EXPURP, TEXTWEIN Productionally Questionate	-2.19(-0.00,1.66)					0.02 (1.32)	-0.72 (1.36)	-2.19[-6.00,1.60]	-1.13 [1.96]	-1.11 [1.96]	-2.19(-6.04,1.65) -1.12 (1.96)
	0.27 (4774.00)					0.99 (477).001	0.46 (4774.00)	9.26 14773.00	0.26 12773.00	0.26 (4772.00)	0.26 (477), 007
EXPGEP TEXTWIRL Recognificate	1.721-2.02.5.471					180-067429	-0.871-3.42.1.69	1.791-1.965.521	1.66-2.065.40	1.731-2.61.5.46	1,751-2,00,5,491
APURPALIA I MINISTERNA MINISTRA MARIANTA MARIANT	0.90 (1.91)					1.61 [-0.07, 2.29]	-0.67 (1.36)	0.93 [1.91]	0.88 [1.91]	0.96 [1.90]	0.92 (1.91)
	9.37 (4774.00)					0.15 14771.001	0.51 (4774.00)	0.35 [4773.00]	0.38 14773.00	0.36 [2772.00]	9.36 (477).00
EXPGRP_TEXTWhiteV_RacesameChinese	1.595-2.18.5.367					1.28-1.283.76	-0.511-2.09.2.07		1.595-2.18.5.367		1607-235530
	0.83 (1.92)					0.96 [1.26]	-0.39 [1.32]	0.85 (1.80)	0.83 (1.92)	0.84 [1.92]	0.84 (1.82)
	0.41 [4774.00]					0.34 14774-001	0.79 (4774.00)	0.40 (4773.00)	0.41 14773.00	0.49 (4772.00)	0.40 (477).000
EXPGRP TEXTWhiteV Recessorefindism	1.38[-2.43,5.29]					0.21[-2.34,2.75]	0.13(-2.50.2.75)	1.36 - 2.43,5.26	1.39(-2.42,5.20)	1.39(-2.43,5.30)	1.40[-2.41,5.22]
	0.71 (1.95)					0.16 (1.30)	0.09 [1.32]	0.71 (1.86)	0.71 (1.95)	0.71 (1.94)	6.72 (1.94)
	0.48 (4774.00)					0.87 [4771.00]	0.93 [4774.00]	0.48 (4773.00)	0.48 (4773.00)	0.48 [4772.00]	0.47 (477).00
V.ProductMorMorallyQuestionableV.Racenamefillack	-2.46[-6.95,2.04]					1.29[-1.82,4.22]	-0.52[-3.64,2.60]	-2.07 -6.91,2.07	-2.46[-6.97,2.61]	-2.45[-6.94,2.04]	-2.47[-6.96,2.02]
	-1.07 [2.29]					0.78 [1.54]	-0.33 [1.59]	-1.06 [2.29]	-1.08 [3.29]	-1.07 [2.29]	-1.08 [2.29]
	0.28 [4771.00]					0.41 (4771.00)	0.74 [4774.00]	0.29 [4773.00]	0.28 [4773.00]	0.29 [4772.00]	0.28 [4771.00]
V. ProductMorMorallyQuestionableV.RacenameEhinese	-2.80[-7.40,1.80]					-2.06[-5.18,1.06] -1.29 [1.59]	-2.33[-5.57,8:91]	-2.87[-7.47,1.73]	-2.85(-7.45,1.7s) -1.22 (2.34)	-2.86[-7.49,1.71]	-2.95[-7.54,1.65]
	-1.19 [2.35]						-1.41 [1.65]	-1.22 [2.35]		-1.28 [2.35]	-1.26 [2.35]
V.ProductMorbloudyOpertimableV.Raceaguefindan	0.23 [4774.00] 0.70[-3.93.5.22]					0:20 [4771.00]	0.16 [2774.00] 0.511-2.76.3.79	0.22 [4773.00] 0.62[-1.00.5.25]	0.22 [4773.06] 0.71[-3.91.5.36]	0.22 [2772.00] 0.661-2.97.5.281	0.21 [4771.00] 0.66[-3.97.5.26]
r Productificationally Questionador's Racramedindus.	0.10[-3.93,3.32]					-1.85[-5.01,1.00] -1.15 [1.61]	0.31 [1.67]	0.02 [-1.00,5.25]	0.11[-3.91,5.30]	0.00(-2.07,5.29)	0.04(-3.97,5.26)
	9.77 (4774.00)					0.25 (4774.00)	0.76 (4774.00)	0.20 (2.30)	0.76 (273.00)	0.38 (2.38) 0.78 (2772.00)	9.28 (427), 600
EXPGRP.TEXTWhiteV.ProductMoMonals/OperticableV.Recognicificati	2.00(-3.50,7.49)					-2.467-6.16.1.28	1.541-2.28.5.367	1.90 - 1.56.7.42	2.651-3.42.7.561	2.00(-2.49.7.49)	1.971-3.52.7.46
CATCHE, 1841 CHILLY COMMUNICATION OF STREET	0.71 (2.80)					-131 [1.86]	0.79 [1.96]	0.6972.80	0.74 [2.80]	0.71 (2.80)	0.70 (2.80)
	0.4814774.00					0.19 14774.001	0.43 (4774.00)	0.49 14773.00	0.06 12773.007	0.48 (4772.00)	0.48 (477).00
EXPGRP_TEXTWhiteV_ProductMarManaleQuestionableV_Recognic@hinese	2.367-3.21,7.967					1.86-1.815.77	4.329(4).8.25*	2.00-3138.00	2.505-3.09.8.095	2.531-2.65.8.111	2541-385-812
CLEGATAL CONTRACTOR CO	0.82 (2.85)					1.03 (1.98)	2.16 (2.00)	0.86 (2.85)	0.88 (2.65)	0.89 (2.85)	0.89 (2.85)
	0.4014774.00					9.31 (477).001	0.03 (4774.00)	0.39 14773.00	0.38 14773.00	0.37 (4772.00)	0.37 (477).00
EXPGRP_TEXTWhiteV_ProductMarMondleOpertionableV_Recognic@adm	1.387-4.23.7.007					0.38 - 3.44.4.26	0.271-3.19.4.735	1.407-4.20.7.007	1.417-4.20.7.620	1.425-4.19.7.005	136-121696
	0.48 (2.86)					0.19 (1.95)	0.39 (2.02)	0.2972.86	0.0912.967	0.50 (2.86)	0.48 (3.86)
	9.6314774.00					0.85 14774.000	0.79 (4774.00)	0.62 (4773.00)	0.62 14773.00	0.62 (4772.66)	0.63 (477).00
CCOttler Self		-0.041-0.05.0.011+		-0.037-0.07-0.02	0.001-0.09.0.091			-0.01-0.08.0.00+		-0.021-0.07.0.021	-0.047-0.09.0.007
		-1.72 (0.02)		-1.20 (0.02)	-0.05 (0.04)			-1.75 30.600		-1.23 (0.02)	-1.61 9102
		0.09 (27% 00)		9.23 (4797.00)	0.96 (2742.00)			0.08 (4773.00)		0.22 (4772.00)	0.11 (4771.00)
TOOther_Self			-0.067-0.08.0.007+	-0.03[-0.07.030]	0.025-0.06.0.165				-0.05-0.08.0.000+	-0.025-0.07.0.011	-0.047-0.08.0.007+
			-1.81 (0.02)	-1.32 (0.02)	0.49 (0.04)				-1.80 [0.02]	-1.31 [0.02]	-1.49 (0.02)
			0.07 (4768.00)	0.19 [4797.00]	0.63 [2762.00]				0.07 (4773.00)	0.19 [4772.00]	0.09 (4771.00)
EXPGRP_TEXTWists-CCOstor Self					-0.05[-0.15,0.06]						
					-0.90 [0.05]						
					0.37 [4782.00]						
EXPGRP_TEXTWistsTCOster_Self					-0.09[-0.18,0.01]+						
					-1.56 (0.05)						
					0.08 [4782.00]						
CCOther_SelfTCOther_Self					0.00[-0.00,0.00]						0.00[0.00,0.00]
					-1.13 [0.00] 0.26 [0792.00]						0.20 (4771.00)
											0.20 [2771.00]
EXPGRP_TEXTWists-CCOtton Solf COntan Solf					2.00 (0.000)*						
					0.04 (4792.00)						
SD (Intercent ID)	5.79	5.72	5.68	5.70	5.71	5.75	6.96	5.72	5.68	5.71	5.69
SD (Observations)	14.68	14.69	14.70	14.69	14.69	9.52	974	14.67	14.68	14.67	14.68
Num.Obs.	4790	4792	4792	4792	4790	1792	4792	4792	4792	4792	4790
R2 Marg. R2 Cond.	0.005	0.000	0.001	0.001	0.002	0.001	0.001	0.006	0.006	0.006	0.007
R2 Cind. AEC	0.136 29512.4	0.132 39941.7	9.131	0.132 29847.8	299784	0.270 26 024.7	26.278.6	0.127 39.917.2	0.136 29.917.1	0.127 29923.3	0.136 29.835.9
AIC DIC	29924.9	20167.6	29967.4	2980.2	39944.4	36141.2	36.055.1	39907.2	29740.1	39952.8	29923.9
IOC	9.1	9.1	0.1	23100.2	9.1	93	9.3	9.1	9.1	9.1	9.1
ECC DAMEE	14.15	14.18	14.19	14.19	14.16	9.06	923	14.14	14.15	14.14	14.14
	14.00	16.13	19.19	11.25	14.19	3.06	+21	18.77	ra.15	1633	11.11
p.value, [df.ercor]											
L leakened											
Estimote McCardinormal											

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	$\log Lik$	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

[atmospi]	Disar Noti 1.383.5x.1 oc*** 6.36.303(6.00.303x.00)		\$19 o \$10 per \$1	Profiled 2x19x71x87* 2x19x71x87* 3x19x71x87* 0x79xx4x7*** 0x17xx42** 0x09x71x87* 0x19xx47* 0x19xx47* 0	PendleviCom 1.479 TLA.20***
CONTROL DESCRIPTION OF THE PROPERTY OF THE PRO	907.50 (940) 907.50 (940)	100.00 Teles 100.00 Teles 100.0		0.750,676 00.17500 0.0057500 -0.00-388,615	17.50 N.64 0.00 (478.60) -2.00] -6.85,6.34
Poletigette		-0.47(1.00) 0.61(277.00) 1.41(1.01)	-1.00(2.00) -1.00(-1.11,0.00) -1.00(-1.11,0.00)	-0.65 (0.30) 0.68 (075300)	-1.76 (3.66) 0.06 (4756.00)
Protecturioscoppin		000 SERVERS 000 SERVERS	-14(100) -14(100) -14(100)		
Protestalopope		030 (450 Mg 4 Mg 41 F 107 9 J 7 F 107	0.47 [4784.00] -0.42 [-0.41,000] -0.43 [488]		
Jamanellini		-840/1003/H -840/1003/H -840/210	0.85(-4.26,5.66) 0.85(-4.26,5.66) 0.35(26.66)	-070_127,110 -030_0,40 -030_070000 -032_127,230 -032_070000 -030_07000 -030_07000 -030_07000 -030_07000 -030_07000	-030-190120 -030-340 -010-750-00
January China		-0.00 TOK TOK -0.00 TOK TOK -0.00 TOK TOK	-0.17) -0.76,240 -0.09 (0.75) 0.09 (0.76)	-0.50 -3.50,3.50 -0.57 (0.40 0.71 (0.7100)	-0.3(-1.9,132) -0.2(-3.4) -0.4 (-25.4) -0.4 (-3.4) -0.4 (-3.4) -1.3(-2.4,14) -1.8(-3.4) -1.8(-3.4) -1.8(-3.4)
Jamandala		-1.0(22) -1.0(22) 921(27)	-140,490150 -140,526 -110,566	-0.00 (1.00) -0.00 (1.00) 0.37 (477.00)	-1.80(3.87) -1.80(3.87) -0.07 (478.00)
THE TAXBOL Sections		-9.35(2.36) 9.79 (475.746)	930 Table 94 530 Table 94		
OPGEP, DOOT White Communications		935 (1935) 935 (1935) 937 (1946)	0.76 (3.86) 0.85 (3.86,000) 0.65(-3.86,0.86)		
EXPGIP_TEXT White Jaconsoffins		0.00 (2007.00) 0.00 (2007.00) 0.00 (2007.00)	0.00 (0.00) 0.00 (0.00) 0.00 (0.00)	1.62) 1.82.502 8.80(3.72) 8.80(9.730) 1.82(-1.62.52) 8.80(9.730) 8.80(9.730) 8.80(9.730) 8.80(9.730)	975-835.14
EXPGIP_TEXT Wide/C Ascressed Chinese		9.00 (410.7.00) 9.00(-0.41.7.00) 1.00 (9.00)	0.02 [2.04] 0.02 [2.04] 0.07 [2.04]	8.36 (475.00) 1.80(-1.64.1.20) 1.68(3.20)	910 [1230 od 910 [1230 od 910 [1230 od 910 [1230]
EXPORP PART White Glacement Relies		STEP THE PART	0.79 [4736.00] 1.80 - 0.41,13.30; 1.81 [3.30]	8.30 pitting 2.32 - 1.26.540 1.26 p.76	932 (479.00) 230 (479.00)
Francisco (garrieri Farramellilari		-147;-914,225; -1.25(100)	196 (196) 196 (196) 196 (196)	6.30 (275.00)	000 [279.00]
ChalachadescroppinG Assessed Black		930-1314-07 930 [132] 931 [277-00]	-2-05-20-20-20-2 -2-05-20-20-20-2 -2-05-20-20-20-2		
Product dispupel Decrementals		-8.17 (140) -8.17 (140) -8.17 (150) -8.77 (160)	-1.01 (100) -1.01 (100) -1.01 (100) -1.01 (100) -1.01 (100)		
Chairdanianianappin Chamar China		-0.54(0.00) 0.12(0.00) 0.12(-4.77,7.00)	939 [E36.00] 939 [E36.00]		
V Production (copyry V place constructions)		0.70 [EXE] 0.70 [ETE-SK] -2.00[-7.07.2.80]	-8.7()-8.8(2.65)		
Project special Foremedicine		0.00 (2.00) 2.00) - 2.00, 2.00 0.00 (2.00)	12 MEN STATE OF A STATE OF STA		
Chalacharberroppini Zhoromidiaka		0.30 (ATTO AND 0.20 (AND AND 0.20 (AND AND 0.20 (AND AND AND AND AND AND AND AND AND AND	0.00 (2736.00) 1.20(-6.25,470) 0.30 (2.40)		
C Producti skippige V Discount Bellen		6.07 (2707.00) 1.00(-1.04.7.00) 0.30 (3.11) 0.71 (4707.00)	0.75 (2786.00) 1.00(-6.17,0.00) 0.00 (4.10) 0.00 (4786.00)		
EXPLIP_TEXTS his V. Fredericigos to V. Formano Black		000 E36A30 036 E40 036 E30	-1.40-1737.046 -1.40/546 0.14 (478-86)		
COURT TAXABLE Production in security for		-0.30[Messale] -0.30[370] -0.70[2707.00]	0.00 (4.00 m/g 0.00 (4.00 m/g 0.00 (4.00 m/g		
ESPERTENTIAL Froberingsonial Formune Chieve		0.02 (2.20) 0.02 (2.20.00) 1.80(-5.20.00)	000 [CM] 000 [CM]		
SPERF TEXT Whirl Frederikerbreroughes V Recessori Chinas		0.00 (2.75) 0.00 (2.757.00) -0.00 (2.700.7.00)	-845(1845 696 (1786) 1867 - 734,1187		
EXPGIP_TEXT White UP color trade pages V Jaconson Chinese		-6.12(3.75) -6.12(3.75) -6.12(3.76) -6.12(3.69)	000 (2000) 000 (2000) -010) 000 000 -010 (200		
XXYXXY-yXXXYVisiteY-producting sectionY-place removibulies		0.00 (202.00) -3.10;-9031,620; -0.62(3.70)	0.00 [2750.00] -1450[-2530, -240]** -240[5.14]		
SIGIP_TEXT Whire from the description V for manufacture		-0.45 (272.66) -0.45 (372) -0.45 (372)	-100-1111,540 -147,140 -147,140		
EXPORT TEXT White Conducted support Vaccounce Station		-0.70; HOLDER -0.70; ETC.	-5.12(-15.15.60) -5.12(-16.15.60) -6.05(-16.15.60)		
Month/MoneyalEXT/GIP_TEXT/White			939 (645) 939 (645) 939 (645)		0.00 (4754.00) 0.00 (4754.00)
lead Manually Projects are remain			5.70 (6.67) 0.00 (4794.00) 0.00 (6.07)***		
density Managari N. Productivi det paper			0.00 [4796.00] 0.00 [4796.00] 0.00 [4796.00]		
hlandylling jall V Jaconson Black			- sectoral		0.00(-0.10,0.00(-0.04 (0.05) 0.00(-0.04,0.0) 0.00(-0.04,0.0) 0.00(-0.04,0.0) 0.00(-0.04,0.0) 0.00(-0.04,0.0)
Month/Mong-ed/V Neurosaud/Chiene			0.00 (2736.00) 0.00(-0.36.0.20) 0.25 (0.00)		007 (4754.00) 000 -0044.00 130 (601
Marshy Marsey and Collection and Association			0.00 (2.00 mg) 0.00 (2.00 mg) 0.00 (2.00 mg)		0.27 (4794.00) 0.00; 0.00; 0.10; 1.70 (0.00)
Marally Managard EXP (SEP 125X White V Frederic Sportson			-0.32)-0.00; -0.32(**** -3.34)0.00; -0.00 1/200.00		
Month Mong, of EXPORP, EXX White C Production bearings for			-0.00 (2000) -0.00 (2000) -0.00 (2000)		
ManifeStrang ad EXPORT A STATE State of A state of the st			-0.00 (470-00) -0.00 (470-00) -0.00 -0.00-0.00		007-009-17
Month Wang and ESPGEP JEEST Wido V Karramon Chinese			000 (6.00) 000 (6.00) 000 (6.00)		0.15 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00) 0.00 (1.00)
Month/MongaelEXPGIP_EXXTENSO/ Accounted tion			938 [478-86] -0.38 [478-86]		0.79 [4734.00] -0.30] -0.20(0.00]
Marily Managarity Products ignorated Libertum Millerla			-020/-024-000** -020/-024-000**		orstations
Month/Money adV Production bearing plan? Barramo Mark			000 (27000) 000; -0.12,0.20; 0.00 (27000)		
Marsily Managard V. Products distripuyar V. Harrenare Millioch			0.00 (4.00) 0.00 (4.00) 0.00 (4.00)		
Marily Manage of the Justine in Special and Special Sp			-0.12]-0.34,000] -0.12]-0.34,000]		
Mently Manag and V. Dendrochen der arrangelien V. Barename Chinase			0.00 (0.00) 0.00 (0.00) 0.71 (0.00)		
Marily Managard V. Producto and appeal V. Borrowson Chinary			-0.00 (0.00) -0.00 (0.00) -0.00 (0.00)		
Manily Many will Production bearing plan's Bornous Bolisa			0.00 (2756.00) 0.00 (2756.00)		
Marily Managard V Product of Asymptot V Successor Parlies			030 [6.10] 077 [6786.80] -8.00; 0.26.0.10]		
Manufall Control of Test registration of Test and Test an			0.36 (4.36.00) 0.36 (4.36.00)		
$\label{thm:lemma-limit} Wang of EXPCEP_EXXWish (Frobustian bearings) in V. Savenmellink$			-8-62-028-028 -8-62-028-028 -8-82-0-88		
healt Many add SPGP 2003 White Products depart The consultant			0.00 (2700.00) 0.00 (0.11.0.32) 0.72 (0.10)		
Marily Group and EXP (217, 123.1 White V of industrigues will flow manufild in our			-840 036320 -811312 98125680		
name; name; and a real particular of policies and particular decisions.			-1 MARIE -1		
heady Noney (1837) 1837 White I Producting of the Samuel Lines			-8.12(6.12) -8.12(6.12) -8.12(6.12) -8.12(6.12)		
Manifellow, patter CEP, TEXT With CF minutes in competitive Recommission			280 9.12 000 [4786.60] 000[-6.23,6.32]		
himily New york NEW SEXTERIA (12 minutes in paper), the recombines			0.75 (4756.00) 0.75 (4756.00) 0.20(-0.05.6.40) 1.37 (0.02)		
CProductifichtenityQuestandie			0.12 (2736.00)	1001.00.000*** 2452.00	-149-147229 -645-249
EXPGIP_TEXT White E_Productibe bloods/Questionable				177)-131,177 -095 (1.62) -132 (177)-144	220, 1924 of 122, 1924 of 122, 1924 or
V Producible Manife Question die V Rossman Hinds				- 2 Mg - 7 Mg 1 Mg - 1 Mg 12 Mg - 8 Mg 12 Mg 12 Mg	0.00 (4.00,7.00) 0.01 (4.00) 0.01 (4.00)
V Productile bland (Question de V Horrowse Chinese V Productile bland (Suesian de V Horrowse Re ****				100/100-04* 2-01-100	-010-100117 -000 D00 -000 D00 -000 D00
CONTROL OF STATE OF S				6.34.52.36 6.34.52.73.66 6.73.52.73.66	224 (2.00) 0.05 (275.00) -3.00; 10.70.210
COPCEP, TOCK White Conductable Microlly Questions Mr. Harrowson Chinese				8.00 (0.70) 8.00 (0.77) 6.00 8.00 (3.77) 6.60	-111 (LIN) 027 (2754 00) -610) 745,600
COPCEP, TEXT White C. Productile elderally Questional by Barramor Badius				410 PAG 410 STANKE 410 STANKE 410 STANKE	-036 (L16) 030 (L154.0) -840(-1545,-137 -134-744
				0.74 (275.00)	0.00 (4754.00) 0.200 (0.0.20) 4.17 (0.00)
Marily Managarity Production the objection dis-					680 (278-00) -039(-030-000) -334 (600)
ldereily Money of N. Ponterellier bloody Question disc Marsily Money of NNP (NP NEXT White V. Ponterellier dly Question blo					-012 -025,000 -140 (625,000) -140 (625)
klandi) Money AN Frederickische de Green meller klandi) Money AN FOR VINTEN der V Frederickische die Green melle klandi) Money AN Frederickische als Green meller Rosen meditisch					-012;-025,600;
den algebrang and Spreader distributed and apply constrained in density of the regular SPA (SPA SPA SPA SPA SPA SPA SPA SPA SPA SPA					-1.72 (set) 0.00 (4754.00)
dereite (France petit) Perdescribet des de Question des de des petits de la confesion petits (Perdescribet des de Question des des la confesion petits des la confesion petits des la confesion petits des la confesion des la conf					-172 (HIZ) -039 (4754.00) -139 (HIZ) -130 (HIZ)
and of the compact of productive land of position and in the compact of the compa					000 (278.00) 000 (278.00) 000 (278.00) 000 (278.00) 0.00 (278.00) 0.00 (278.00) 0.00 (278.00)
					-172 (sec) -174 (sec) -174 (sec) -174 (sec) -174 (sec) -174 (sec) -175 (sec)
Land (Tangue PP principal and and principal and	417	GB con	GB 100	62	-1.72 (AC) -0.29(-2.31,-0.00) -0.29(-2.31,-0.00) -1.80(0.00) -1.80(0.00) -1.80(0.00) -1.80(0.00) -1.80(0.00) -0.80
	617 11.27 270 670 670 8962 3966.1 62 11.65	138 250 250 250 250 260 260 260 260 260 260 260 260 260 26	629 1325 250 6.729 6.756 2006.6 30.05.6 6.2	6.2 13.3 6.73 6.74 39063 31.853 6.3	1.46 (1.56 2.39) 2.10 (

3.5 H3a

Table 3.35: Model H3a

(Introopt)	OC C path 0.82[-1.81,6.45]	CC B path 1.08[0.58,1.58]*** 4.19 [0.26] 0.00 [2392.00]	CC A path 13.89[3.02.24.73]* 2.51 [5.53] 0.01 [2224.00]	CCC path0.00(-5.04.53)0.00(-5.04.53)0.00 [23-5]0.0	TC C path 2.76-2.11.8.70 0.39 [232.69] -0.49 [232.69] -0.41 [232.69] -0.31 [232.69] -0.31 [232.69] -0.32 [232.69] -0.32 [232.69] -1.49 [232.69] -1.49 [232.69] -1.49 [232.69] -0.41 [232.69] -0.42 [338] -0.32 [232.69] -0.43 [232.69] -0.44 [232.69] -0.47 [232.69] -0.48 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69] -0.49 [232.69]	TC B path 0.85[0.32,1.37]** 3.13 [0.27] 0.00 [2392.00]	TC A path 13.88(3.02.24.73)* 2.51 (5.53) 0.01 (2)22.00	TC C' path 1.40[-4.44,7.24] 0.47 [2.98] 0.64 [2323.00]
EXPGRP-TEXTWise	0.82[-1.81,6.42] 0.29[-1.81,6.42] 0.79[-1.81,6.42] 0.78[-1.21] 0.61 [1.21] 0.61 [1.21] 0.61 [1.21] 0.61 [1.21] 0.61 [1.21] 0.61 [1.21] 0.62[-2.51,6.62] 0.62[-2.51,6.62] 0.62[-2.51,6.62] 0.62[-2.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.62[-3.51,6.62] 0.63[-3.51,6.62] 0.63[-3.51,6.62] 0.64[-3	0.00 [2392.00]	0.01 [2224.00] -5.27[-15.63,5.10]	-0.02 [235] 0.98 [2323.00] -0.86[-6.21,4.48]	0.36 [2321.00] -0.62[-6.28,5.05]	0.00 [2392.00]	0.01 [2321.00] -5.27]-15.61,5.10]	0.64 [2323.00] -0.65[-5.63,5.53]
V_ProsentationDefender	-0.45 [2.74] 0.65 [2321.00] 0.31[-6.50,7.12]		-5.27[-15.63,5.10] -5.27[-15.63,5.10] -1.00 [5.29] 0.32 [2222.00] -16.71[-29.83,-3.60]* -2.50 [6.69]	-0.32 [2.73] 0.75 [2323.00] 1.35[-5.42,8.11]	-0.21 [2.86] 0.83 [2321.00] -0.81]-7.97,6.35]		-5.27[-15.61,5.10] -1.00 [5.20] -0.32 [2324.00] -16.71[-29.83,-3.60]* -2.50 [6.60]	-0.05[-5.63,5.53] -0.02 [2.84] 0.99 [2322.00] 0.83[-6.21,7.89] 0.23 [3.60]
V.Productionertes	0.09 [3.47] 0.93 [2324.00] 0.561-5.51 6.66		-0.20 (6.00) -0.20 (6.00) -0.20 (2.00)	0.39 [3.45] 0.70 [2323.00] 0.741-5.32.6.76	-0.22 [3.65] 0.83 [2321.00] -3.60-9.81 3.001		-2.50 (6.60) 0.01 (2221.00) -2.00]-1.174.9.75] -0.31 (5.90) 0.71 (2221.00) 0.56 (6.10) 0.92 (2221.00) 13.60(3.025.41)* 2.17 (6.15) 0.01 (2221.00)	0.23 [3.60] 0.82 [2323.00] -3.15[-9.47.3.16]
V-Producthandraresumiles	0.19 [3.11] 0.85 [2324.66]		-0.33 [5.99] 0.74 [2324.00]	0.24 [3.09] 0.81 [2323.00]	-1.04 [3.27] 0.30 [2321.00]		-0.33 [5.99] 0.74 [2324.00]	-0.98 [3.22] 0.33 [2323.00]
	0.01 [-6.19,6.22] 0.00 [3.17] 1.00 [2321.00]		5.26[-6.71,17.22] 0.86 [6.10] 0.39 [2224.00]	-0.30[-6.46,5.87] -0.09 [3.14] 0.92 [2323.00]	-0.79 [3.33] 0.43 [2321.00]		5.26[-6.71,17.22] 0.96 (6.20] 0.39 [2321.00]	-0.95 (3.28) -0.95 (3.28) 0.34 (2323.00)
V_Productiolletpaper	1.67[-4.59,7.92] 0.52 [3.19] 0.60 77724.00		13.36(1.30,25.41)* 2.17 (6.15) 0.03 7224.001	0.83[-5.38,7.05] 0.26 [3.17] 0.79 [7973.00]	-0.73[-7.31,5.85] -0.22 [3.36] 0.63 [2231.00]		13.36(1.36,25.41)* 2.17 (6.15) 0.01 72731 000	-2.00[-8.49,4.49] -0.60 [3.31] 0.55 72323.000
V Racename fillink	-0.22[-6.47,6.04] -0.07 [3.19]		-0.48[-12.54,11.58] -0.08 [6.15]	-0.20[-6.41,644] -0.06 [3.17]	1.20[-5.38,7.78] 0.36 [3.36]		-0.48[-12.54,11.58] -0.08 [6.15]	1.24[-5.24,7.72] 0.37 [3.30]
V_Raomane@hinese	-0.95[-7.65,5.76] -0.26 [3.42]		-5.39[-18.31,7.53] -0.82 [6.59]	-0.56[-7.22,6.10] -0.16[3.40]	0.32[-6.73,7.38] 0.09 [3.60]		217 [6.15] east [2221.00] -0.48[-12.54,11.58] -0.06 [6.15] east [2221.00] -5.20[-18.31,7.53] -0.82 [6.20] e.41 [2221.00]	0.93[-6.02,7.89] 0.26 [3.54]
V.Racename Badian	0.78 [2324.00] 0.14[-6.32,6.59] 0.04 [3.29]		0.41 [2324.00] -2.63[-15.06,9.81] -9.41 [6.34]	0.87 [2323.00] 0.31[-6.10,6.72] 0.09 [3.27]	0.93 [2321.00] -1.46[-9.25,5.33] -0.42 [3.66]		0.41 [2(24.00) -2.63[-15.06,9.81] -0.41 [6.34]	0.79 [2323.00] -1.19[-7.88,5.49] -0.35 [3.41]
V _e Age	0.97 [2324.00] 0.02[-0.07,0.10]		0.68 [2324.00] -0.06[-0.22,0.11]	0.92 [2323.00] 0.02[-0.06,0.11]	0.67 [2321.00] -0.02[-0.11,0.07]		0.68 [2321.00] -0.06[-0.22;0.11]	0.73 [2323.00] -0.00[-0.30,0.07]
V_Locationinthesity	000 [122] 002[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8.0] 022[-0.07.8] 022[-0.		-2627 - 1506-931] -0-41 [0-31] -0-41 [0-31] -0-41 [0-31] -0-41 [0-31] -0-41 [0-31] -0-51 [0-32] -0-52 [0-32] -0-52 [0-32] -0-52 [0-32] -0-52 [0-32] -0-52 [0-32] -0-52 [0-32] -1-32 [0-32]	0.00 (3.17) 0.05 (2122.06) 0.05 (2122.06) 0.05 (2122.06) 0.05 (2122.06) 0.01 (2120.06) 0.01 (2120.06) 0.01 (2120.06) 0.02 (2122.06) 0.03 (2122.06) 0.04 (2122.06) 0.05 (2122.06) 0.07 (2122.06)	0.66 [2321.00] 1.23[0.04,2.42]*		0.48 [2321.00] 0.76[-1.42,2.94]	0.75 [2323.00] 1.18(0.00,2.35]*
V-Loutineesty	0.19 [2321.00] -0.01-1.16.1.13		0.69 [1.11] 0.49 [2324.00] -1.13[-3.33.1.09]	0.21 [2323.00] 0.00 -1.05.1.20	2.02 [0.61] 0.04 [2321.00] 0.251-0.96.1.551		0.69 [2.11] 0.49 [2321.00] -1.13(-3.33.1.08)	0.05 (2323.00) 0.471-0.72.1.00
V_State Typedepartmentstore	-0.02 [0.58] 0.98 [2321.00] 0.905-0.73 7-00		-1.00 [1.13] 0.32 [2224.00] 1.15;-1.04.3.30	0.11 [0.58] 0.92 [2323.00] 0.92 -0.31 1.952	0.56 [0.61] 0.57 [2321.00] 0.551-0.61 1.70		-1.00 [1.13] 0.32 [2321.00] 1.15(-).04.3.39	0.78 [0.61] 0.44 [2323.00] 0.471-0.75 1.60
V_StorTypeoperaulot	1.57 [0.58] 0.12 [2324.00]		1.03 [1.11] 0.30 [2224.00]	1.43 [0.57] 0.15 [2323.00]	0.96 [0.61]		1.03 [1.11]	0.70 [0.60]
	0.82[-0.31,1.95] 1.42 [0.57] 0.15 [2321.00]		0.79 [1.11] 0.43 [2324.00]	0.76[-0.36,1.89] 1.33 [0.57] 0.18 [2323.00]	2.09 (0.60) 0.04 (2321.00)		0.97[-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)
EXPGEP_TEXTWhiteV_PresentationDefensive	-1.25[-9:38,6.80] -0.30 [4.15] 0.76 79794.007		1.85[-13.83,17.52] 0.23 [7.96] 0.92 [7924.00]	-1.38[-9.45,670] -0.33 [4.12] 0.74 (7923.00)	1.20[-7.35,9.76] 0.28 [4.36] 0.78 [2331.00]		1.85[-13.83,17.52] 0.23 [7.99] 0.92 [7931.00]	0.96[-7.44,9.43] 0.23 [4.30] 0.62 [2223.00]
$EXPGEP_TEXTWhiteV_Product eigenveton$	4.36[-3.16,11.87] 1.14 [3.88]		-0.25[-14.73,14.24] -0.03 [7.39]	4.30[-3.16(11.77] 1.13 [3.80]	5.89[-2.02,13.79] 1.46 [4.03]		-0.25[-14.73,14.24] -0.03 [7.29]	5.80[-1.98,13.59] 1.46 [3.97]
${\it EXPGEP_TEXTWhiteV_Product hardware supplies}$	-0.52[-7.97,6.93] -0.14 [3.80]		0.97 [2224.00] 1.36[-13.00,15.73] 0.19 [7.33]	0.26 [2323.00] -0.65[-8.05,6.25] -0.17 [3.77]	0.14 [2321.00] 1.87[-5.87,9.71] 0.47 [4.00]		0.97 [2321.00] 1.36[-13.00,15.73] 0.19 [7.33]	1.69[-6.03,9.41] 0.43 [3.94]
EXPGEP.TEXTWhiteV.Productniletpaper	0.89 [2321.00] -2.00[-9.67,5.67] -0.51 [2.90]		0.85 [2324.00] 7.74[-7.04,22.52] 1.09 [7.54]	0.86 [2323.00] -2.52[-10.14,5.09] -0.65 73.86	0.64 [2321.00] -0.39[-8.45,7.68] -0.09 [4.11]		0.85 [2321.00] 7.74[-7.01,22.52] 1.03/7.56	0.67 [2323.00] -1.20[-9.16,6.73] -0.70 [4.05]
$V. {\it Prosentation Defensive V. Product eigenvites}$	0.61 [2321.00] 1.29[-8.00,10.57]		0.30 [2324.00] 12.72[-5.17,30.62]	0.52 [2323.00] 0.51[-8.71,9.74]	0.92 [2321.00] 2.61[-7.15,12.38]		0.30 [2324.00] 12.72[-5.17,30.62]	0.76 [2323.00] 1.38[-8.24,11.01]
$V_s \mathcal{P} resentation Defensive V_s P coduct hardware supplies$	0.79 [2324.00] -2.54[-12.02,6.94]		0.16 [2324.00] -14.50[-32.78,3.77]	0.91 [2323.00] -1.63[-11.05,7.78]	0.60 [2321.00] -1.91[-11.88,8.00]		0.16 [2324.00] -14.50[-32.78,3.77]	0.78 [2323.00] -0.49[-10.32,9.34]
V.ProsontationDe fensive V.Productrolletpaper	0.52 (-3.57.60) -1.12.50.00 -1.12.50.00 -1.12.50.00 -2.00 -9.07.547] -0.51 (3.50) -0.51 (3.50) -0.75 (2221.00) -2.51 (-1.20.6.94) -0.51 (4.80) -0.51 (4.80) -0.52 (4.80) -0.52 (4.87) -0.55 (4.87) -0.55 (4.87) -0.55 (4.87) -0.55 (4.87) -0.55 (4.87) -0.55 (4.87) -0.55 (2.21.00) -0.55 (2.21.00) -0.55 (2.21.00) -0.55 (2.21.00) -0.56 (2.357) -0.56 (2.357) -0.50 (2.357) -0.50 (2.357)		106-11001570] 019 (720) 019 (720) 019 (720) 774-7-6422-52 100 (725) 030 (725	-0.34 [4.80] 0.73 [2223.00] -2.06[-11.15.7.09]	-0.28 [5.08] 0.71 [2321.00] 1.74[-7.89.11.36]		-1.56 [9.32] 0.12 [2321.00] -11.29[-28.93.6.3 ^[2]	0.00 pizzone 1,11% - 1
EXPGSP_TEXTWhiteV_Reconstructions	-6.59 [4.67] 0.55 [2324.00]		-1.25 [9.00] 0.21 [2224.00]	-0.44 [4.64] 0.66 [2323.00]	0.35 [4.91] 0.72 [2324.00]		-1.25 [9:00] 0:21 [2321:00]	0.57 [4.84] 0.57 [2323.00]
EXPGEP_TEXTWhiteV_Racename@hack EXPGEP_TEXTWhiteV_Racename@hinese	-0.26 [3.87] -0.80 [2321.00]		-0.21 [7.06] -0.83 [2224.00]	-0.24 [3.84] -0.93 [2323.00]	1.00 p. 20 p		-0.21 [7.46] -0.21 [7.46] 0.83 [2321.00]	0.58 [2323.00]
	0.85[-7.28,838] 0.21 [4.15] 0.84 [2)24.00]		5.38[-10.29;21.06] 0.67 [7.96] 0.50 [2324.00]	0.43[-7.65,851] 0.10 [4.12] 0.92 [2323.00]	-0.52[-9.08,8.03] -0.12 [4.36] 0.90 [2321.00]		5.38[-10.29,21.06] 0.67 [7.99] 0.50 [2321.00]	-0.27 [4.30] -0.27 [4.30] 0.79 [2323.00]
EXPCEP_TEXTWhiteV_Racensurefindian	2.02[-5.66,9.70] 0.52 [3.92] 0.63 [2991.66		5.57[-9.23.20.98] 0.74 [7.55] 0.86 [2994.667	1.66[-5.97,9:29] 0.43 [3.89] 0.67 [2393.66]	0.36 [4.12] 0.72 [2*********		5.57[-9.23.20.39] 0.74 [7.55] 0.46 [2991.60	-0.27 [4.30] 0.79 [2222.00] 0.90 [-7.05.8.87] 0.22 [4.06] 0.82 [2323.00]
V.Passentation Defensive V.Pascename Hlack	-0.26 [3.87] -0.26 [3.87] -0.27 [2.17] -0.27 [4.17] -0.27 [4.17] -0.27 [4.17] -0.27 [2.17] -0.27		1.1. (a) (0.1. (b) (1.1. (c) (0.1. (-0.62, -8.06.29 (1.2) (1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		-200-Classes 100-classes 1	0.82 [2221.00] -0.12[-12.97.6.12] -0.70 [487] 0.48 [2221.00] -1.90[-11.56.557] -0.52 [4.89] 0.41 [2221.00] -0.55 [5.10] 0.88 [2221.00] -1.80[-10.03,7.65] -0.32 [4.60] -0.5 [2221.00]
$V_{\nu} Presentation Defensive V_{\nu} Racename Chinese$	0.75 [2324.00] -4.53[-13.76,4.70] -0.96 [4.71]		0.38 [2324.00] 3.55[-14.24,21.34] 0.39 [9.07]	0.84 [2323.00] -4.79[-13.95,4.38] -1.02 [4.67]	0.39 [2321.00] -3.56[-13.27,6.15] -0.72 [4.95]		0.38 [2321.00] 3.55[-14.24,21.34] 0.39 [8.07]	0.48 [2323.00] -3.99[-13.56,5.57] -0.82 [4.88]
$V_i \mathcal{P} rescritation \\ The feasive \\ V_i \\ Process \\ method in \\ In \\ the feasive \\ V_i \\ Process \\ method in \\ The feasive \\ V_i \\ Process \\ method in \\ The feasive \\$	0.34 [2324.00] -1.11[-10.76,8.54] -0.23 [4.92]		0.70 [2224.00] -0.72[-19.31,17.67] -0.08 [9.08]	0.31 [2323.00] -1.06[-10.64,8.52] -0.22 [4.80]	0.47 [2324.00] -0.84[-10.99,9.31] -0.16 [5.18]		0.70 [2321.00] -0.72[-19.31,17.87] -0.08 [9.44]	0.41 [2323.00] -0.76[-10.76,9.24] -0.15 [5.16]
V.ProductelgaretteeV.Rucenane fillinck	0.82 [2321.00] -2.09[-11.51,6.13]		0.94 [2324.00] -4.17[-21.10,12.75]	0.83 [2323.00] -2.00[-11.16,6.35]	0.87 [232±00] -1.91[-11.20,7.37]		0.94 [2324.00] -4.17[-21.10,12.75]	0.88 [2323.00] -1.49(-10.63,7.65)
V_ProducthardrareeappliesV_Racenameffflack	0.55 [2324.00] 1.74[-7.50,10.97]		0.63 [2324.00] -3.94[-21.63,13.75]	-2.60(-11.16.6.32) -0.69 [212.16] 0.59 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.79 [212.16] 0.79 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.67 [212.16] 0.68 [212.16] 0.68 [212.16] 0.68 [212.16] 0.68 [212.16] 0.68 [212.16] 0.69 [212.16]	0.69 [2321.00] 0.75[-8:97,10.47]		-0.48 (8.63) 0.63 (2221.00) -3.94[-21.63,13.75] -0.44 (8.02) 0.66 (2221.00) -2.85[-20.19,14.48]	-0.22 [4.66] 0.75 [222.06] 1.16[-8.41.30,71] 0.32 [232.06] -5.36[-14.59,4.11] -1.00 [4.77] 0.77 [222.06] 5.36[-3.71,2.5.63] 1.71 [4.50] 0.32 [222.06] 5.36[-3.91,1.5.63] 1.36 [4.80] 0.39 [222.06]
V.ProductniletnareV.Racenauefflink	0.37 [4.71] 0.71 [2324.00] -2.225-11.25.6.90		-0.41 [0.02] 0.66 [2324.00] -2.85[-20.19.14.49]	0.42 [1.68] 0.67 [2323.00] -2.03[-10.99.6.93]	0.85 [2221.00] -5.55:-15.04.3.95		-0.44 [9:02] 0:66 [2324:00] -2:85/-20:19:14:48]	0.23 [4.88] 0.82 [2323.00] -5.26-14.59.4.11]
V.ProductigaettesV.RomanetChinese	-0.48 [4.60] 0.63 [2324.00]		-0.32 [6.64] 0.75 [2224.00]	-0.44 [4.57] 0.66 [2323.00]	-1.14 [4.84] 0.25 [2321.00]		-0.32 [8.60] 0.75 [2321.00]	-1.10 [4.77] 0.27 [2323.00]
V_Producting/arthery_Enromanest_hinese V_Production/araresuppliesV_Racromest_hinese	0.33 [4.76] 0.74 [2324.66]		0.35 (0.17) 0.72 (2324.00)	0.27 [4.73] 0.79 [2323.00]	0.20 [232100] 0.20 [232100]		0.35 (9.17) 0.72 (2021.00)	1.21 [4.93] 0.23 [2323.00]
	2.03 [-7.12,11.17] 0.43 [4.66] 0.66 [2324.00]		0.74 -16.88,18.27 0.08 8.96 0.93 12224.001	1.93[-7.15,11.00] 0.02 [0.63] 0.69 [2322.00]	5.20[-1.42,14.92] 1.06 [4.90] 0.29 [2224.00]		0.74[-16.88,18.37] 0.08 [8.99] 0.93 [2324.00]	5.09(-4.29,14.56) 1.05 [4.83] 0.29 (2323.00)
$V_s Product to life paper V_s Race name \\ Chinese$	-9.13[-18.40,0.13]+ -1.93 [4.72] 0.05 72721.00		4.38[-13.47,22.24] 0.48 [0.11] 0.63 [2924.001	-9.48[-18.68,-0.29]* -2.02 [4.69] 0.01 77971.00	-6.00[-15.78,371] -1.21 [4.97] 0.22 72334.007		4.38[-13.47,22.24] 0.48 [9.11] 0.63 7979 660	-6.58[-16.18,3.02] -1.34 [4.89] 0.14 72973.007
V.ProductejgarettesV.Racenamelladian	1.20[-7.52,9:91] 0.27 [4.45]		0.90[-15.83,17.65] 0.11 [8.54]	1.16(-7.55,9.76) 0.25 [4.41]	0.19[-8.98,9.37] 0.04 [4.68]		0.91[-15.83,17.65] 0.11 [8.54]	0.02[-9.02,9.05] 0.00 [1.61]
$V. {\it Producthardware emplies} V. {\it Racename fludian}$	6.55[-2.42,15.52] 1.43 [4.57]		3.51[-13.74,20.76] 0.40 [0.80]	634]-2.57,15.24] 1.40 [4.54]	9.31[-0.12,18.75]+ 1.94 [4.81]		3.51[-13.74,20.76] 0.40 (8.80)	9.01[-0.28,18.31]+ 1.90 [4.74]
$V_s Product milet paper V_s Racename Gadian \\$	0.15 [2324.00] -8.14]-17.12;0.84]+ -1.76 [4.56]		0.69 [2224.00] 4.69[-12.54,21.90] 0.53 N-766	0.16 [2323.00] -8.40[-17.32,0.51]+ -1.45.14.55]	0.05 [2321.00] -3.26[-12.70,6.21] -0.67 [4.69]		0.69 [2321.00] 4.69[-12.54,21.60] 0.51 ts 200	0.06 [2323.00] -3.66[-12.97,5.65] -0.77 ts 757
EXPGEP TEXTWhiteV PresentationDefensionV Product ignorities	0.08 [2324.00] -3.74[-15.03,7.54]		0.59 [2224.00] -0.99[-22.73,20.76]	-8.60[-17.32,034]+ -1.85 [4.55] 0.06 [2222.00] -2.65[-14.85,7.55] -0.64 [5.71] 0.52 [2222.00]	0.50 [2321.00] -3.88[-15.75,7.99]		0.59 [2321.00] -0.99[-22.73,20.76]	0.44 [2323.00] -3.69[-15.39,8.00]
EXPGIP-TEXTWhite/V_PresentationDefensionV_Producther demonsupplies	0.52 [2324.00] 1.40[-9.97,12.77]		0.93 [2224.00] 0.93 [2224.00] 0.20[-21.72,22.13]	-0.94 [5.71] 0.52 [2323.00] 1.40[-9.99,12.00]	0.52 [2321.00] -1.71[-13.67,10.25]		0.93 [2324.00] 0.20[-21.72,22.13]	-0.62 [3:36] 0.54 [2323.00] -1.77[-13:55,10:02]
EXPGEP_TEXTWhiteV_PresentationDefensiveV_Productfolletpaper	0.24 [5.80] 0.81 [2324.00] 5.305_5.96.16.16		-0.4 is p.0.0 in p.0.	1.00] - 5.00, 12.00] 0.24 [5.70] 0.83 [1222.00] 0.83 [1222.00] 0.94 [5.01] 0.95 [5.01] 0.95 [2322.00] 0.95 [2322.00] 0.97 [-15,18.10] 0.12 [2322.00] 0.12 [2321.00] 0.12 [2322.00] 0.12 [2322.00] 0.12 [2322.00] 0.12 [2322.00] 0.12 [2322.00] 0.12 [2322.00] 0.12 [2322.00] 0.13 [2322.00] 0.15 [2322.00]	-0.28 [6.16] 0.78 [2321.00] -1.91[-13.56.9.75]		-0.22 [0.84] -0.22 [0.84] -0.72 [202.60] -1.74 [1.74.12] -0.72 [202.60] -0.72 [202.60] -0.72 [202.60] -0.74 [0.84, 18.27] -0.85 [0.84] -0.85 [0.84]	0.00. (1.50.00.0) 0.00. (1.50.00.0) 0.00. (1.50.00.0) 0.00. (1.50.00.00.0) 0.00. (1.50.00.00.00.00.0) 0.00. (1.50.00.00.00.00.00.00.00.00.00.00.00.00.
EXPGIP_TEXTWhite/ConstationDefendor/CanadamedElack	0.90 [5.65] 0.37 [2324.00]		-221/-2200,11030] -0-27 [0103] -0-37 [0103] -0-47 [021-07-17-18] -0-77-17-17-18] -0-77-17-17-18 -0-77-17-18 -0-77-17-18 -0-77-17-18 -0-77-	0.94 [5.62] 0.35 [2323.00]	-0.32 [5.94] 0.75 [2321.00]		-227;-1263,151] -0.21 [10:9] -0.32 [222:00] -0.32 [222:00] -0.37 [232:00] -0.37 [-1.09, -1.100, 7.809 -1.09, -1.100, 7.809 -0.29, 1.2000 -0.29, 1.2000 -0.2000 -0.29, 1.2000 -0.29, 1.2000 -0.2000
	0.65 (5.67) 0.52 (2)21.00		0.89 [00.94] 0.37 [2324.00]	0.53 [5.63] 0.59 [2323.00]	0.49 [5.97] 0.69 [2321.00]		0.89 [10.94] 0.37 [2321.00]	0.22 [5.88] 0.82 [2323.00]
${\it EXPGEP_TEXTWhiteV_PresentationDefensiveV_RacenameChinese}$	6.52[-4.73,17.77] 1.14 [5.74] 0.76 77724 007		-6.85[-28.52,14.82] -0.62 [11.05] 0.54 2224 007	6.99[-4.18,18.16] 1.23 [5.70] 0.22 [2223.00]	0.33 [6.03] 0.74 (2224.00)		-6.85[-28.52,14.82] -0.62 [11.65] 0.54 72234 000	2.73[-8.93,14.39] 0.46 [5.94] 0.45 77771.001
${\it EXPGEP_TEXTWistoV_PowertationDefensivoV_RacenameIndian}$	-1.88[-13.39,9.62] -0.32 [5.87]		-4.82[-26.98,17.35] -0.43 [11.30]	-1.56[-12.98,9.86] -0.27 [5.82]	-2.19[-14.29,9.92] -0.35 [6.17]		-4.82[-26.98,17.35] -0.43 [11.30]	-1.72[-13.64,10.20] -0.28 [6.08]
${\it EXPGEP_TEXTWhiteV_Product eigenetterV_Racenamed Hinck}$	-0.75[-11.58,10.08] -0.14 [5.52]		1.76[-19.03,22.55] 0.17 [00.60]	-0.84[-11.50,9.92] -0.15 [5.48]	-1.03[-12.43,10.37] -0.18 [5.81]		1.76[-19.03,22.55] 0.17 [10.66]	-1.19[-12.41,10.04] -0.21 [5.72]
${\it EXPGIP.TEXTWhiteV.Product hardware supplies V.Racename fillink}$	0.89 [2321.00] 2.00[-9.14,13.13] 0.35 [5.68]		0.87 [2224.00] 1.36[-19.99;22.71] 0.13 [30.89]	0.88 [2323.00] 1.95[-9.11,13.00] 0.35 5.64	0.96 [2321.00] 1.90[-9.92,13.53] 0.30 [5.96]		0.87 [2321.00] 1.36[-19.99,22.71] 0.13 [30.89]	0.84 [2323.00] 1.63[-9:91,13.18] 0.28 [5.86]
${\it EXPGEP_TEXTWhiteV_Product to let paper V_Racename of Black}$	0.71 [2)21.60] 1.35[-9.66,12.36] 6.24.75.67		0.90 [2324.00] 2.78[-18.37,23.90] 6.96.70.790	0.73 [2)23.00] 1.20[-9.73,12.14] 6.22.75.56[0.76 [2321.00] 5.00[-6.56,36.62] 0.45 [5.01]		0.90 [2321.00] 2.78[-18.37,23.90] 0.96 Do 76	0.78 [2323.00] 4.79[-6.64,36.19] 0.62 15.69
${\it EXPGEP_TEXTWhiteV_Product eigenvectorV_RacenamefChineso}$	0.51 [2324.00] -4.35[-15.64,6.94]		0.80 [2224.00] -2.39[-24.14,19.36] -0.22 [11.00] 0.80 [2224.00] -0.15[-21.64,20.30]	0.83 [2323.00] -4.07[-15.28,7.14]	0.29 [2221.00] -9.05[-20.92,2.82]		0.90 [2321.00] -2.39[-2114,19.36]	0.41 [2323.00] -8.69[-20.39,3.00]
EXPGEP_TEXTWhiteV_Producthed/surroupplieV_RecommetChinese	-0.76 [5.76] 0.45 [2324.00] 0.87[-30.28,12.02]		-0.22 [11.09] 0.83 [2221.00] -0.15[-21.64,21.34]	-0.71 [5.72] 0.48 [2323.00] 0.97[-10.10,12.04]	-1.49 [6.05] 0.14 [2321.00] -5.67[-17.39,6.06]		-0.22 [11.09] 0.83 [2321.00] -0.15[-21.64,21.34]	-1.46 [5.96] 0.15 [2323.00] -5.55[-17.10,6.00]
EXPGEP_TEXTWisteV_ProductsuletpaperV_RacemanefChinese	0.15 (5.69) 0.86 (2)21.00) 7.1%—1.19.16.4%		-0.01 [20:96] 0.99 [2224.00] -11 275-23 17 10 49	0.17 [5.65] 0.86 [2323.00] 7.965-3.27 19.19	-0.95 [5.96] 0.34 [2324.00] 3.667-6.29 15.553		-0.01 [10.96] 0.99 [2321.00] -11 971-93 17 10 49	-0.94 [5.99] 0.35 [2323.00] 5.01(-6.71 16.79)
EXPGEP_TEXTWhiteV_ProducteignertorV_Recommendation	1.23 [5.77] 0.22 [2321.00]		-1.02 [11.12] 0.31 [2324.00]	1.39 [5.73] 0.16 [2323.00]	0.60 [6.07]		-1.02 [11.12] 0.31 [2324.00]	0.64 [5.98] 0.49 [2323.00]
	-1.35 [5.49] 0.18 [2324.00]		-0.43 [10.53] 0.67 [2324.00]	-1.30 [5.45] 0.19 [2323.00]	-0.83 [5.77] 0.41 [2321.00]		-0.43 [10.53] 0.67 [2324.00]	-0.75 5.69 0.45 2323.00
$\label{eq:expression} EXPGBP_TEXTWhiteVP roduct has drag reapplied VR accounterfladian$	-7.55[-18.26,3.36] -1.38 [5.46] 0.17 [2324.00]		-5.89[-26.47,14.70] -0.56 [00.50] 0.58 [2224.00]	-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 [2321.00]		2.08 18-31 22.09 0.38 18-31 22.09 0.39 19-21 10.00 0.20 22.11 10.00 0.20 22.11 0.20 10.00 0.20 22.21 0.20 22.21 0.21 10.22 0.22 12.21 0.23 12.21 0.24 12.21 0.25 12.21 0.25 12.21 0.27 12.22 0.28 12.22 0.29 12.22 0.29 12.22 0.20 12.22	1.00 - 5.
${\it EXPGEP_TEXTWhiteV_Product to let paper V_Racemans effection}$	1.54[-9.34,12.42] 0.28 [5.55]		-13.74[-34.62,7.15] -1.29 [10.65]	2.38[-8.42,13.19] 0.43 [5.51]	-0.19[-11.64,11.26] -0.03 [5.84]		-13.74[-34.62,7.15] -1.29 [10.65]	1.13[-10.15,12.41] 0.20 [5.75]
$V_s Proseutation Defensive V_s Product eigerettes V_s Racename filling k$	0.78 [2321.00] 2.79[-8.99,16.58] 0.58 [6.52]		0.20 [2224.00] 12.96[-11.65,37.57] 1.03 [12.55]	0.67 [2223.00] 2.90[-9.90,15.60] 0.45 [6.48]	6.73[-6.73,20.18] 0.98 [6.86]		0.20 [2321.00] 12:96[-11:65,37:57] 1:03 [12:55]	0.84 [2221.00] 5.40[-7.85,18.65] 0.80 [6.76]
$\label{eq:VPrescription} V.Prescription V.Prescri$	Section 1, 10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		-0.00 passes -0.00 pizzone -0.00 pizzone -0.00 pizzone -1127-117,10.01 -0.11 pizzone -0.01 pizzone -0.00 pizzone	GO 7512-01 (1-1) (0.33 [2321.00] 1.53[-12.37,15.42] 0.22 [7.08]		-1.29 [10.65] 0.39 [2321.00] 12.39[-11.16.37.57] 1.00 [12.55] 0.30 [2221.00] 0.06[-25.31.25.44] 0.00 [12.94] 1.00 [2221.00] 6.08[-18.70,30.96] 0.48 [12.00] 0.48 [22.00] 0.48 [22.00] 0.49 [22.00]	0.20 [3.47] 0.20 [3.47] 0.20 [3.47] 0.20 [3.47] 0.20 [3.47] 0.21 [3.22] 0.22 [3.22] 0.22 [3.22] 0.23 [3.22] 0.25 [3.22] 0.35 [3.22] 0.35 [3.22] 0.35 [3.22] 0.39 [
V. Procentation Defender V. Product to Betpaper V. Racename Hlack	0.30 [2321.06] 5.86[-7.03,18.76] 0.89 tc.54		1.00 [2224.00] 6.06[-18.79;30.96] 0.48 [17.66]	0.29 [2223.00] 5.49[-7.33,18.30] 0.84 N.5V	0.83 [2321.00] 6.42[-7.16,19.90] 0.93 16.90		1.00 [2321.00] 6.08[-18.79,30.96] 0.08 [17.69]	0.85 (2323.00) 5.83[-7.55,19.20] 0.85 to 49
$V. {\it Procentation Defensive} V. {\it Product eigerettre} V. {\it Racename} Chinese$	0.37 [2321.00] 4.15[-8.92,17.22]		0.63 [2224.00] -7.66[-33.09,17.77]	0.40 [2323.00] 4.64[-8.35,17.62]	0.35 [2321.00] -2.38[-16.11,11.35]		0.63 [2321.00] -7.66[-33.09,17.77] -0.29 [12.97]	0.29 [2323.00] -1.64[-15.17,11.90]
$\label{eq:Vprocess} V. \\ \textit{ProcessinationDefensive} V. \\ P$	0.53 [2324.00] 3.86[-9.02,16.75]		-0.56 [2224.00] 0.55 [2224.00] 2.33[-22.70;27.37]	0.48 [2323.00] 3.75[-9.04,16.54]	-0.34 [7.00] 0.73 [2324.00] -1.10[-14.63,12.43]		-0.39 [1230] 0.55 [2321.00] 2.33[-22.70,27.37]	-0.21 [0.90] 0.81 [2323.00] -1.31[-14.65,12.03]
V.ProsustationDefensiveV.ProductrolletpaperV.RacenamefChinese	$\begin{array}{c} 4.13[-6.92,172]\\ 6.02\ [0.67]\\ 6.02\ [0.67]\\ 0.50\ [1224.06]\\ 0.50\ [1221.06]\\ 0.56\ [1221.06]\\ 1.262[-0.67,25.37]\\ 1.05\ [0.27]\\ 0.56\ [1221.06]\\ 1.262[-0.67,25.37]\\ 0.56\ [1221.06]\\ 0.56\ [1221.06]\\ 0.56\ [1221.06]\\ 0.56\ [1221.06]\\ 0.56\ [1221.06]\\ 0.57\ [1221.06]\\ 0.57\ [1221.06]\\ 0.57\ [1221.06]\\ 0.52\ [1221.06]\\ 0.$		-0.00 [23.07] -0.50 [221.09] 2.03 [-22.70.27.27] -0.48 [-22.10.07] -2.69 [-22.10.07] -2.67 [22.10.0] -0.37 [22.10.0] -0.37 [22.10.0] -0.37 [22.20.0] -0.38 [22.10.0] -0.38 [22.10.0] -0.39 [22.10.0] -0.39 [22.10.0] -0.39 [22.10.0] -0.39 [22.10.0] -0.39 [22.10.0]	0.57 (6.52) 0.57 [2323.00] 12.91(0.31 05.54)	-0.16 (6.90) 0.97 (2321.00) 7.000-6.33 30 30		-0.20 (100, 100) -0.20 (120,	-0.19 (6.80) 0.85 (2323.00) 7.53(-5.69 99.67)
V. Procentation Memory V. Production (page V. Haceanane), Tanase V. Procentation Defender V. Product object the V. Raceanane fluid in	1.95 (6.47) 0.05 [2321.00]		-0.27 [12.60] 0.79 [2224.00]	2.01 [6.43] 0.04 [2323.00]	1.03 [6.80] 0.30 [2321.00]		-0.27 [12.60] 0.78 [2321.00]	1.12 [6.70] 0.26 [2323.00]
	-0.41 [6.70] 0.66 [2321.00]		0.34 [12.95] 0.73 [2224.00]	-0.49 [6.65] 0.63 [2323.00]	-0.01 [7.05] 0.99 [2321.00]		0.34 [12.95] 0.73 [2321.00]	-0.07 [6.94] 0.94 [2323.00]
$V_s \mathcal{P} sees x a tion Defender V_s \mathcal{P} voduct hardware supplies V_s Recename fluid in Seesaway and the seesaway fluid in the seesaway of the seesaway fluid in the seesaway of the seesawa$	-9.30[-22.52,3.92] -1.38 [6.74] 0.17 [2321.00]		-3.68[-29.17,21.81] -0.28 [13.00] 0.78 [2224.00]	-9.09[-22.22,4.04] -1.36 [6.69] 0.17 [2323.06]	-8.60[-22.51,5:30] -1.21 [7.06] 0.23 [2324.00]		-3.68[-29.17,21.81] -0.28 [13.00] 0.78 [2321.00]	-8.40[-22.10,530] -1.20 [6.98] 0.23 [2323.00]
$\label{eq:contaction} V.Product to iletpope V.Procume fludian$	7.93[-5.12,20.98] 1.19 (6.65] 0.23 (201.00)		-1.38[-26.61,21.86] -0.11 [12.87] 0.91 [270.00]	8.00[-1.95,20.96] 1.21 [6.61] 0.21 [2193.66]	0.98[-12.74,14.69] 0.14 [7.00] 0.89 [2.99 (60)		-1.38[-26.61,23.86] -0.11 [12.87] 0.91 [2991.00]	1.12[-12.40,14.64] 0.16 [6.86] 0.87 [2************************************
${\it EXPGRP_TEXTWhiteV_PresentationDefensiveV_Product ignortiesV_Pacenameffllack}$	-1.84[-17.46,13.77] -0.23 [7.96]		0.91 [2224.00] -12.76[-42.84,17.32] -0.83 [15.34]		0.43 (4.34)		0.91 [2321.00] -12.76[-42.81,17.32] -0.83 [15.34]	0.87 [2323.00] -2.28[-18.46,13.90] -0.28 [8.25]
$EXPGEP_a TEXTWhiteV_p Poseutation Defensive V_p volunthar dware supplies V_e Recename fillack$	0.82 [2321.00] 2.20[-13.69,18.09] 0.27 [8.10]		0.41 [2224.00] 4.37] -26.21.34.95] 0.28 [15.29] 0.78 [2224.00] -9.93[-90.12,26.26]	0.50 [2323.00] 2.01[-23.77,17.78] 0.25 [8.05] 0.50 [2323.00] -7.00[-22.64.8.46]	0.67 (2321.00)		0.41 [2321.00] 4.37[-26.21,34.95] 0.28 [15.58]	0.78 [2323.00] -2.39[-18.85,11.08] -0.28 [8.40]
${\it EXPGEP_TEXTWistoV.ProcestationDefensiveV.ProducttodetpaperV.Racenamefflillsck}$	0.79 [2324.00] -7.73[-23.39,7.93]		0.78 [2324.00] -9.93[-80.12,20.26]	0.80 [2323.00] -7.09[-22.61.8.46]	0.79 [2321.00] -1.70[-18.18.11.77]		0.78 [2324.00] -9.80[-40.12,20.26]	0.78 [2323.00] -0.66[-16.89,15.56]
${\it EXPGRP.TEXTWhiteV.PresentationDefensiveV.Product ignorities V.Racename Chinese$	0.33 [2324.00] -1.43[-20.22,11.35]		0.52 [2224.00] 7.90] -22.78,38.60]	0.37 [2323.00] -1.94[-20.62,10.73]	0.51 [2321.00] 6.76[-9.82,23.34]		0.52 [2321.00] 7.91]-22.78,38.60]	0.94 [2323.00] 6.03[-10.32,22.37]
EXPGEP_TEXTWhiteV_PresentationDefensiveV_Production demonsuppliesV_Recename@Chinese	-0.55 [8.05] 0.58 [2321.00] -7.17[-22.90,8.56]		0.51 [15.65] 0.61 [2224.00] 8.23[-22.35,38.80]	-0.62 [7.99] 0.54 [2323.00] -7.73[-23.35,7.90]	0.80 [8.45] 0.42 [2321.00] 5.64[-10.88,22.17]		0.51 [15.65] 0.61 [2321.00] 8.23[-22.35,38.80]	0.72 [8:34] 0.47 [2323.00] 4.86[-11.44,21.15]
EXPGIP_TEXTWhite/V PresentationDefensionV Productiolistpages V, Racename/Chinese	-6.89 [8.02] 0.37 [2321.00] -13.751-29.94 1.7**		6.53 [15.59] 0.60 [2224.00] 12.27] - 17.66.49.49	-6.97 [7.97] 0.33 [2323.00] -14.64[-30.09.0.77]	0.67 (8.63) 0.50 (2326.00) -3.071-10 to 11 *****		6.53 [15.58] 6.60 [2321.00] 12.27[-17.66.49.49]	0.58 [8:31] 0.56 [2323.00] -4.54[-20.56 11.5***
	-0.21 (7.56) -0.22 (221.60) -0.27 (2.16) -0.27 (2.16) -0.27 (2.16) -0.27 (2.16) -0.37 (2.24) -0.37 (2.24) -0.48 (2.24.60) -1.41 -20 -22.11 -35 -0.55 (2.24.60) -0.56 (2.22.60) -0.57 (2.24.60) -0.57 (2.24.60) -1.27 (-20.24.17.50) -0.58 (2.24.60) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50) -1.27 (-20.24.17.50)		-9.92[-90.12.20.26] -0.05 [15.40] 0.52 [22.00] 7.90[-22.76.36.00] 0.51 [25.60] 0.51 [22.00] 0.52 [22.00] 0.53 [22.00] 0.53 [22.00] 0.50 [222.00] 1227[-17.8, 12.10] 0.50 [25.27] 0.52 [222.00] 2.54 [22.00] 2.54 [22.00]	-1.87 [7.84] 0.06 [2323.00]	-0.27 [8.28] 0.29 [2224.00] -1.70[-8.18.1472] -0.20 [8.00] 0.82 [2221.00] 6.70[-9.82.22.34] 0.02 [2221.00] 5.64[-10.88.22.17] 0.07 [9.31] 0.07 [9.31.11.20] -0.37 [9.30] 0.37 [2221.00] 5.16[-11.08.22.27]		-0.53 [15.34] -0.53 [15.34] -0.73 [15.34] -0.73 [15.35] -0.75 [222.00] -0.97 [-0.12.00] -0.97 [-0.12.00] -0.97 [-0.12.00] -0.97 [-0.12.00] -0.79 [-0.27.00] -0.	-0.56 [8.18] 0.58 [2323.00]
EXPGEP.TEXTWhiteV.ProsentationDefensiveV.Product ignorticeV.Processeefindian	09.23[-5.70,26.17] 1.26 [8.13] 0.21 [2324.00]		-2.46[-33.24,28.32] -0.16 [15.70] 0.88 [2224.00]	10.39[-5.44,26.21] 1.29 [6.67] 0.20 [2323.00]	5.16[-11.60,21.92] 0.60 [8.55] 0.55 [2321.00]		-2.46[-33.24,28.32] -0.16 [15.70] 0.88 [2321.00]	5.84[-11.17,21.85] 0.63 [8.42] 0.53 [2323.00]
$EXPGEP_TEXTWhiteV_Presentation DefensiveV_Product hardware suppliesV_Race name find in the production of the productio$	0.08 [2221.06] 10.22[-5.70,26.17] 1.26 [8.13] 0.22 [2221.06] 11.17[-4.76.27.07] 1.38 [8.11] 0.17 [2222.06] 0.87[-11.90.06.64] 0.11 [0.04] 0.50 [2222.06]		-6.16 [15.70] 0.88 [2221.05] 14.71[-15.95,45.38] 0.91 [15.64] 0.35 [2221.06] 10.70[-15.76,41.16] 0.09 [15.53] 0.49 [2221.00]	0.88 [222.08] 0.89 [720] 0.90 [720] 0.90 [720] 0.90 [720] 0.90 [720] 0.51 [720] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.51 [722.08] 0.52 [722.08] 0.68 [722.08] 0.77 [72.08] 0	0.71 [2201.00] 5.16[-11.60.21.92] 0.00 [8.52] 0.55 [2201.00] 16.67[-0.61.31.00] 1.95 [8.53] 0.05 [2201.00] 5.77[-1082.22.35] 0.68 [8.06] 0.50 [2201.00]		0.12 (201.00) -0.46[-31.24,28.32] -0.36 [15.70] 0.88 (2021.00) 14.71[-15.95,45.38] 0.94 [15.64] 0.35 [2021.00] 10.70[-19.76,41.16]	-2.88(-1.184) 1.291 -0.29 [0.22] -0.29 [0.22] -0.29 [0.22] -0.20 [0.23]
${\it EXPGRP_aTEXTWhiteVP} prosentation Defensive VP roduction types VR accommendation$	0.87[-14.90,16.64] 0.11 [8.04]		10.70[-19.76,41.16] 0.69 [15.53]	0.17[-15.49,15.83] 0.02 [7.99]	5.77[-10.82,22.35] 0.68 [8.66]		0.35 [2321.00] 10.70[-19.76,41.16] 0.69 [15.53] 0.49 [2321.00]	1.50 (8.41) 0.07 (222100) 4.69[-11.65.22.00] 0.56 (8.20) 0.57 (222100) 0.100.07.0.12*** 8.61 (0.01) 0.00 (222100)
MWFye_Plot	0.90 [2)21.00]	0.0070.01.007	0.49 [2324.00]	0.96 [2)23.60] 0.06[0.04,0.06]*** 5.96 [0.00]	0.50 [2321.00]	0.08(0.06,0.10)*** 8.20 [0.01] 0.00 [2302.00]	0.49 [2321.00]	0.57 [2323.66] 0.169.67,0.12[*** 8-63 [0.01]
SD (Intercept ID) SD (Observations)	2.80 11.08	0.06[0.04,0.07]*** 6.02 [0.01] 0.00 [2392.00] 2.97 11.08	0.00 21.90	0.00 [2323.00] 2.77 11.00	3.19 11.61	0.00 [2302.00] 3.15 11.51	0.00 21.93	0.00 [2323.00] 3.00 11.46
Num Obe. R2 Marg. R2 Cond.	2365 0.047 0.104	2296 0.015 0.081	21.93 2.295 0.229	2395 0.061 0.117	2395 0.036	2396 0.027 0.094	2195 0.229	2295 0.065 0.125
AIC BIC	19326.7	18 494.7 18 514.8	21.379.3 21.790.8	19301.9	2395 0.036 0.101 18 565 3 18 975 7	19476.9 19700.0	21 270.3 21 780.8	18500.2 18917.4
ICC RMSE	0.1 10.64	0.1 10.76	21.61	0.1 10.56	0.1 11.10	0.1 11.16	21.61	0.1 10.98
p.value, [df.erms] t, [ed.erms] Estimate [60Confinerval]		_						_

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 nath	CC II sath	CC A noth	CC C' nath	TC C auth	TC B such	TC A noth	TC C such
(Intercept)	2.38[-2.08,6.85] 1.05 [2.28] 0.30 [2329.00]	1.000.58,1.50*** 4.19 (0.26) 0.00 [2302.00]	12.16(3.56,20.76)** 2.77 [4.30] 0.00 [2329.00]	1.60[-2.84,6.04] 0.71 [2.26] 0.48 [2228.00]	10 C (past 100 [-1.00, 2.71] 126 [2.00] 0.21 [229.00] -0.55[-6.26, 2.11] -0.19 [2.80] 0.05 [229.00] -0.95[-8.11, 6.18] -0.26 [2.65] 0.79 [2220.00]	0.85[0.32,1.37]** 3.13 [0.27] 0.00 [2302.00]	TC A path 12.16[5.6,20.70]** 2.77 [4.39] 0.01 [222.00] -5.18[-1.57.149] -1.00 [5.27] 0.30 [222.00] -1.23[-38.41,-4.2]* -2.59 [6.57] 0.01 [222.00] -1.25[-1.30.9.78] -0.21 [5.90] 0.7 [222.00] 4.91[-7.02,14.50] 0.43 [5.90] 0.43 [5.90] 0.13 [5.90] 0.14 [5.90] 0.15 [1.30,20]	1.80[-2.84,6.44] 0.76 [2.37] 0.45 [2328.00]
EXPCRP_TEXTWists V_PromutationDefundes	-1.16[-6.53,4.21] -0.42 [2.74] 0.67 [2329.00]	,	-5.43[-15.77,4.92]	-0.29 [2.72]	-0.55[-6.20,5.11] -0.19 [2.88] 0.85 [2229.00]	,	-5.43[-15.77,4.92] -1.03 [5.27] 0.30 [2329.00]	0.05[-5.52,5.62] 0.02 [2.64] 0.99 [2328.00]
v "Venezatata Defension V Decelerária autres	0.23[-6.56,7.02] 0.07 [3.46] 0.05 [2329.00] 0.752-3.34.6.757		-1/.32[-30.41,-4.23]** -2.59 [6.67] 0.00 [2329.00] -1.65:-13.69 9****	0.77 (2220.00) 1.32[-5.43,607] 0.38 [3.44] 0.70 (2220.00) 0.91[-5.14.6.97]	-0.90[-8.11,6.18] -0.26 [3.65] 0.79 [2229.00]		-17.32[-30.41,-4.23]** -2.59 [6.67] 0.01 [2329.00] -1.95-1.169.9 ***	0.75[-6.30,7.60] 0.21 [3.60] 0.84 [2328.00] -2.971-0.28.3
V.Producthandwaresupplies	0.24 [3.11] 0.81 [2329.00] 0.12[-6.07;6.32]		-1.00 [5.27] 0.30 [2329.00] -17.32[-30.41,-4.23]** -2.50 [6.67] 0.00 [2329.00] -1.56[-11.60,9.78] -0.31 [5.96] 0.74 [2329.00] 4.50[-7.02.56.56] 0.81 [6.00] 0.12 [2329.00]	0.29 [3.08] 0.77 [2228.00] -0.16[-6.31,5.99]	-0.99 [3.27] 0.32 [2229.00] -2.38[-8.90,4.13]		-0.33 [5.96] 0.74 [2329.00] 4.91[-7.02,16.85]	-0.92 [3.22] 0.36 [2328.00] -2.82[-9.24,3.60]
V_Productoiletyaper	0.01 [3.16] 0.97 [2329.00] 1.85[-4.40.8.10]		0.82 [6.00] 0.42 [2329.00] 13.49[1.45.25.54]*	-0.05 [3.14] 0.96 [2228.00] 1.00[-5.21,7.21]	-0.72 [3.32] 0.47 [2229.00] -0.41[-6.99(6.17]		0.81 [6.09] 0.42 [2329.60] 13.49[1.45,25,54]*	-0.86 [3.27] 0.39 [2328.00] -1.69[-8.18,4.79]
V-Racessardillack	0.58 [3.19] 0.56 [2329.00] -0.15[-6.40,6.10] -0.05 73.19		2.29 [6.14] 0.03 [2329.00] -0.54[-12.59,11.50] -0.09 16.14	0.32 [3.17] 0.75 [2228.00] -0.13[-6.33,6.08]	-0.12 [3:35] 0.90 [2229:00] 1.35[-5.23,7.90] 0.90 [3:35]		2.20 (6.14) 0.03 [2329.00] -0.54[-12.59,11.50]	-0.51 [3.31] 0.63 [2228.00] 1.41[-5.07,7.88] 0.43 [3.30]
V.BaccassefChinese	0.96 [2329.00] -0.81[-7.51,5.88] -0.24 [3.41]		0.93 [2229.00] -5.51[-18.41,7.29] -0.84 [6.58]	0.97 [2228.00] -0.40[-7.65,6.25] -0.12 [3.39]	0.69 [2229.00] 0.37[-6.68,7.42] 0.10 [3.59]		0.93 [2329.00] -5.51[-18.41,7.39] -0.84 [6.58]	0.67 [2328.00] 1.01[-5.90,7.95] 0.29 [3.54]
V-Recommelfiedian	0.81 [2229.00] 0.23[-6.22,6.68] 0.07 [3.29]		0.40 [2329.00] -2.81[-15.24,9.61] -0.44 [6.34]	0.91 [2228.00] 0.42[-5.99(6.92] 0.13 [3.26]	0.92 [2229.00] -1.34[-8.12,5.45] -0.29 [3.46]		0.40 [2329.00] -2.81[-15.24,9.61] -0.44 [6.34]	0.78 [2328.00] -1.04[-7.73,5.64] -0.31 [3.41]
${\it EXPCRP_TEXTWhiteV_Presentation Defender}$	-1.15[-9.27,6.96] -0.28 [4.14] 0.78 [2329.00]		0.56 [222.00] 2.39[-13.25,18.03] 0.30 [7.97] 0.76 [2329.00]	-1.33[-9.38,6.73] -0.32 [4.11] 0.75 (2228.00)	0.70 (2225.00) 1.30[-7.25,0.60] 0.30 [4.36] 0.77 (2229.00)		2.39[-13.25,18.03] 0.30 [7.97] 0.76 [2329.00]	0.56 [2228.00] 1.01[-7.41,9.42] 0.23 [4.29] 0.81 [2228.00]
${\it EXPCRP_TEXTWhiteV_Product ignerities}$	4.20(-3.30,11.71) 1.10 [3.83] 0.27 [2329.00]		-0.09(-14.56,14.37) -0.01 [7.38] 0.99 [2329.00]	4.13[-3.32,11.59] 1.09 [3.80] 0.28 [2328.00]	5.78[-2.12,13.68] 1.44 [4.00] 0.15 [2229.00]		-0.09[-14.56,14.37] -0.01 [7.38] 0.99 [2329.00]	5.67[-2.11,13.45] 1.43 [3.97] 0.15 [2328.00]
EXPGRP_TEXTWhiteV_Production dumensupplies EXPGRP_TEXTWhiteV_Production types	-0.60[-8.05,6.80] -0.16 [3.80] 0.87 [2329.00]		0.22 [7.32] 0.82 [2329.00]	-0.75[-8.14,6.63] -0.20 [3.77] 0.84 [2228.00]	0.43 [4.00] 0.67 [2329.00]		0.22 [7.32] 0.82 [2329.66]	0.38 [3.93] 0.39 [2328.00]
EXPLAIN TEXT Whates Product to acquee V. Promutation Defension V. Product eigenvites	-0.59 [3.90] -0.56 [2329.00] 1.125-8.15.10.39]		1.02 [7.52] 0.31 [2329.00] 12.971-4.89.30.84	-2.82[-38.02,2.19] -0.73 [3.87] 0.47 [2228.00] 0.32[-8.89.9.52]	-0.50 [-8.56,7.24] -0.20 [4.11] 0.84 [2229.00] 2.771-6.99.12.52]		1.02 (7.52) 0.31 (2329.00) 12.97(-4.89.30.84)	-1.60[-9.58,6.29] -0.41 [4.65] 0.68 [2328.00] 1.50[-8.11.11.11]
V. Prosentation Defension V. Producthor decayeespplies	0.24 [4.73] 0.81 [2329.00] -2.60[-12.05,6.86]		1.42 [9.11] 0.15 [2329.00] -13.76[-31.98,4.47]	0.07 [1.69] 0.95 [2229.00] -1.73[-11.12,7.66]	0.56 [4.97] 0.58 [2229.00] -2.11[-12.06,7.84]		1.42 [9.11] 0.15 [2329.00] -13.76[-31.98,4.47]	0.31 [4.90] 0.76 [2328.00] -0.77[-10.57,9.04]
$V_{\nu} Presentation Defension V_{\nu} Product to illet paper$	-0.54 [4.82] 0.59 [2329.00] -2.84[-11.99,6.31]		-1.48 [9:29] 0.14 [2329.00] -11.00[-28.63,6.63]	-0.36 [4.79] 0.72 [2228.00] -2.14[-11.23,6.94]	-0.42 [5.07] 0.68 [2229.00] 1.70[-7.90,11.30]		-1.48 [9:29] 0.14 [2329.00] -11.00[-28.63,6.63]	-0.15 [5.00] 0.88 [2328.00] 2.71[-6.77,12.20]
EXPORP_TEXTWhiteV_RecrussedHack	0.54 [2329.00] -1.00[-8.59,6.56] -0.26 [3.67]		0.22 [2329.00] -1.26[-15.88,13.35] -0.17 [7.45]	0.64 [2228.00] -0.94[-8.47,6.59]	0.73 [2229.00] -2.53[-10.51,5.00] -0.62 (4.07)		0.22 [2329.00] -1.26[-15.88,13.35] -0.17 [7.45]	0.57 [2328.00] -2.41[-10.28,5.45] -0.60 [1.01]
${\tt EXPCRP_TEXTWhiteV_RacemannetChinese}$	0.80 [2329.00] 0.66[-7.44,6.76] 0.16 [4.14]		0.97 [2229.00] 5.66[-9.98,21.29] 0.71 [7.97]	0.81 [2228.00] 0.22[-7.83,8.28] 0.05 [4.11]	0.53 [2229.00] -0.66[-9.20,7.89] -0.15 [4.36]		0.97 [2329.00] 5.66[-9.99,21.29] 0.71 [7.97]	0.55 [2328.00] -1.35[-9.77,7.00] -0.32 [4.29]
EXPGRP.TEXTWhiteV.Racemannefladion	0.87 (2229.60) 1.84[-5.83,9.50] 0.47 [3.80]		0.48 [2)29.60[5.80[-9.97,20.57] 0.77 [7.53]	0.96 [2228-00] 1.46[-6.16;9.07] 0.26 [2.86]	0.88 [2229.00] 1.33[-6.74,9.40] 0.32 [4.12]		0. us [2329.60] 5.80[-8.97.20.57] 6.77 [7.58]	0.75 [2328.00] 0.74[-7.21,8.69] 0.18 [8.05]
V. Prosentation Defendor V. Racename filliack	0.64 [2329.00] -1.21[-10.39,7.98] -0.26 [4.68]		0.44 [2329.00] -6.91[-24.62,10.79] -0.77 [9.03]	0.71 [2228.00] -0.72[-9.85,8.40] -0.16 [4.65]	0.75 [2229.00] -0.85[-10.52,5.82] -0.78 [4.90]		0.44 [2329.00] -6.90]-24.62,10.79] -0.77 [9.03]	0.85 [2328.00] -3.15[-12.68,6.37] -0.65 [4.86]
V. Prosentation Defendito V. Racemanus Chinese	-4.44[-13.65,4.77] -0.94 [4.70] 0.34 [2329.0*]		4.28[-13.47,22.03] 0.47 [9.05] 0.64 [2329.00]	-4.75[-13.89,4.00] -1.02 [4.00] 0.31 [2228.00]	-3.21[-12.91,6.09] -0.65 [4.95] 0.52 (2229.09)		4.28[-13.47,22.00] 0.47 [0.05] 0.64 [2329.00]	-3.73[-13.29,5.82] -0.77 [4.87] 0.44 [2328.00]
$V. {\it Proventation Defendor} V. {\it Racename fluction}$	-1.06[-10.69,8.57] -0.22 [4.90] 0.83 [2329.00]		0.12[-19.43,19.67] 0.00 [9.46] 0.99 [2329.00]	-1.00[-10.62.8.50] -0.22 [4.87] 0.83 [2228.00]	-0.44[-10.58,9.70] -0.09 [5.17] 0.90 [2229.00]		0.12[-15.43,18.67] 0.01 [9.46] 0.99 [2329.00]	-0.45[-10.41,9.54] -0.09 [5.09] 0.92 [2328-00]
V_ProductiognettesV_Bloomanefillials	-0.00[-11.81,5.81] -0.67 [4.49] 0.50 [2329.00]		-4.41[-21.32,12.50] -0.51 [8.62] 0.61 [2220.00]	-2.70[-11.45,6:05] -0.61 [4.46] 0.55 [2228.00]	-2.36[-11.65,6.92] -0.50 [4.73] 0.62 [2229.00]		-4.41[-21.32,12.56] -0.51 [8.62] 0.61 [2229.00]	-1.90[-11.06,7.21] -0.41 [1.66] 0.68 [2228.00]
v Productiactinosoppins v Rasmansettinik V.Productioletjopes V.Basmansettiliak	0.30 [4.70] 0.76 [2329.00]		-0.42 [8.99] -0.68 [2329.00] -1.05(-20.95 14.90]	0.35 [4.66] 0.73 [2228.00]	0.01 [4.95] 0.04 [4.95] 0.97 [2229.00]		-0.12 [9.99] -0.42 [9.99] 0.68 [2329.00] -1.07(-20.35 14.31]	0.12 [0.87] 0.92 [2328.00] -5.47[-14.82.180]
V-ProductionerttesV-BaceannerChinese	-0.51 [4.60] 0.61 [2329.00]		-0.34 [8.84] 0.73 [2329.00] 3.552-34.41 93.59	-0.47 [4.57] 0.64 [2228.00]	-1.19 [4.85] 0.23 [2229.00] 6.671-0.34 [6.30]		-0.34 [8.84] 0.73 [2329.00]	-1.15 [4.77] 0.25 [2328.00] 6.001-3.66 15.667
V.DroducthardraneroppliesV.RaemannefChinese	6.32 [4.75] 6.75 [2329.66] 1.83[-7.29,16.95]		6.39 [9.16] 6.70 [2329.60] 1.20[-16.38,18.77]	0.25 [4.72] 0.80 [2228.00] 1.60[-7.36,10.75]	1.29 (5.00) 0.20 (2229.00) 4.99[-4.60,14.59]		0.29 [0.16] 0.70 [2329.00] 1.20[-16.38,18.77]	1.22 [4.93] 0.22 [2328.00] 4.80[-4.65,14.25]
$V_{\nu} Product to liet paper V_{\nu} Racename Chinese$	0.39 [1.65] 0.69 [2329.00] -9.39[-18.64,-0.14]*		0.13 [8:96] 0.89 [2329.00] 4.33[-13.50,22.17]	0.37 [1.62] 0.71 [2228.00] -9.75[-18.93,-0.56]*	0.31 [2229.00] -6.31[-36.05,3.42]		0.13 [8.96] 0.89 [2329.00] 4.33[-13.50,22.17]	0.32 [2328.00] -6.87[-16.46,2.72]
$V_{\bullet} Productoi garettes V_{\bullet} Pascename findian$	0.05 [2329.00] 0.05 [2329.00] 0.91[-7.90,9.62]		0.43 [2329.00] 0.53 [2329.00] 0.71[-16.02,17.43]	0.04 [2228.00] 0.04 [2228.00] 0.02[-7.02,0.47]	0.20 [2229.00] -0.00[-9.18;9.17]		0.43 [2329.00] 0.63 [2329.00] 0.71[-16.02,17.43]	0.16 [2328.00] -0.17[-9.20,8.87] -0.01 [1.61]
$V_s Producthardware supplies V_s Racename fludies \\$	0.84 [2329.00] 6.43[-2.53,15.38] 1.41 [4.57]		0.93 [2329.00] 3.90[-13.33,21.13] 0.44 [8.79]	0.65 [2228.00] 6.16[-2.71,15.07] 1.36 [4.53]	1.00 [2229.00] 8:97[-0.46,18:40]+ 1.97 [4:81]		0.93 [2329.00] 3.90[-13.33,21.13] 0.44 [8.79]	0.97 [2328.00] 8.63[-0.66,17.91]+ 1.82 [4.76]
$V_{\nu} Product to liet paper V_{\nu} Raomann efford in n$	0.16 (2)29.00(-8.43(-17.41,0.54)+ -1.84 (4.58)		0.66 [2)29.60[4.50[-12.72,21.73] 0.51 [8.78]	0.17 [2228.00] -8.00[-17.59,0.22]+ -1.91 [4.54]	0.06 (2220.00) -3.65[-13.10,5.60] -0.76 [4.82]		0.66 [2129.66] 4.56[-12.72,21.73] 0.51 [8.78]	0.07 [2328.60] -4.05[-13.36,5.25] -0.85 [4.75]
$EXPCRP_TEXTWhiteV_PresentationDefensiveV_Product eigenettes$	0.07 [2329.00] -3.41[-14.67,7.85] -0.59 [5.74]		0.61 [2329.00] -1.06[-22.76,20.64] -0.10 [11.07]	0.06 [2228.00] -3.30[-14.48,7.88] -0.58 [5.70]	0.45 [2229.00] -3.79[-15.64,8.00] -0.63 [6.04]		0.61 [2329.00] -1.06[-22.76,20.64] -0.10 [11.07]	0.39 [2328.00] -3.58[-15.25;8.00] -0.60 [5.85]
${\bf EXPGEP.TEXTWhite V.Presentation Defender V.Predict than dware applies}$	1.31[-10.04,12.66] 0.23 [5.79] 0.82 [2329.00]		-0.59[-22.08,21.29] -0.05 [11.16] 0.96 [2329.00]	1.36[-9.90,12.63] 9.21 [5.75] 9.81 [2228.00]	-1.57[-13.52,10.38] -0.26 [6.09] 0.80 [2229.00]		-0.59[-22.48,21.29] -0.05 [11.16] 0.96 [2329.00]	-1.52[-13.29,10.24] -0.25 (6.00) 0.80 (2328.00)
EXPGRP_TEXTWhitsV_PresentationDefensiveV_ProductioRepaper EXPGRP_TEXTWhitsV_PresentationDefensiveV_RecreasesEllinik	5.23[-5.85,16.30] 0.92 [5.65] 0.35 [2329.00]		-2.41[-23.76,18.95] -0.22 [10.89] 0.83 [2329.00]	5.41[-5.58,16.41] 0.97 [5.61] 0.33 [2328.00]	-1.78[-13.44,6.88] -0.30 [5.95] 0.77 [2229.00]		-2.41[-23.76,18.95] -0.22 [10.89] 0.83 [2329.00]	-1.44[-12.92,10.04] -0.25 [5.86] 0.81 [2328.00]
EXPCRP_TEXTWhiteV_PresentationDefensiveV_Recensusefflinck EXPCRP_TEXTWhiteV_PresentationDefensiveV_RecensuseChinese	9.56 [2329.00] 0.56 [2329.00]		8.79[-12.63,30.19] 0.90 [10.92] 0.42 [2329.00]	2.73(-8.30,13.76) 0.29 [5.63] 0.63 [2228.00]	2.09[-9.60,13.79] 0.25 [5.96] 0.73 [2229.00]		8.78[-12.63,30.19] 0.80 [10.92] 0.42 [2329.00]	0.19 [5.87] 0.19 [5.87] 0.85 [2328.00]
EXPORP_TEXTWister_Presentational between V_Recomment.timeses EXPORP_TEXTWhite V_Presentational belowing V_Recommending lion.	0.26 [2329.00] -1.96-19.47.9.50		-7.57[-29.21,14.00] -0.69 [11.04] 0.49 [2129.00] -5.695-37.91 16.49	1.23 [5.69] 0.22 [2228.00] -1.605-17.00.9 807	0.72 [222-00] 1.86[-10.02,11.62] 0.30 [6.03] 0.77 [222-00] -2.62[-14.703,47] -0.42 [6.16] 0.67 [222-00] -0.66[-12.00,0.50] -0.10 [5.81] 0.92 [222-00] 2.22[-9.50,13.90]		-0.09 [11.04] -0.09 [2129.00] -5.00(-27.5) 16.49	0.44 [5.94] 0.66 [2328.00] -2.05 - 13.95 9.85
EXPGEP TEXTWhite's Product operator's Rasenanuellinsk	-0.34 [5.85] 0.73 [2329.00] -0.50[-11.33,10.32]		-0.50 [11.28] 0.61 [2329.00] 1.74[-19.00,22.52]	-0.28 [5.81] 0.78 [2228.00] -0.58[-11.33,10.16]	-0.42 [6.16] 0.67 [2229.00] -0.60[-12.00,10.80]		-0.50 [11.28] 0.61 [2129.00] 1.74[-19.03,22.52]	-0.34 (6.07) 0.74 (2328.00) -0.74[-11.96,10.49]
EXPGRP_TEXTWhiteV_Production-dwaresuppliesV_Racessassefflinek	-0.09 [5.52] 0.93 [2329.00] 2.13[-8.99,13.25]		0.16 [10.59] 0.87 [2329.00] 0.79[-20.51,22.10]	-0.11 [5.48] 0.92 [2228.00] 2.12[-8.91,13.16]	-0.10 [5.81] 0.92 [2229.00] 2.22[-9.50,13.90]		0.16 [10.59] 0.87 [2329.00] 0.79[-20.51,22.10]	-0.13 [5.72] 0.90 [2328.00] 2.12[-9.41,13.65]
$EXPGRP_TEXTWhiteV_Product to let paper V_Racename fillinck$	0.38 [5.67] 0.71 [2329.00] 1.55[-9.06,12.56]		0.07 [10.86] 0.91 [2329.00] 2.75[-18.39,23.88]	0.28 [5.63] 0.71 [2228.00] 1.41[-9.52,12.34]	0.37 [5.97] 0.71 [2220.00] 5.35[-6.25,16.94] 0.90 [5.91]		0.07 [10.96] 0.94 [2329.00] 2.75[-18.39,23.88]	0.36 [5.86] 0.72 [2328.00] 5.10[-6.32,16.51]
${\it EXPCRP,TEXTWhiteV,ProductignetterV,RaceasandChinese}$	0.78 [2329.00] -4.29[-15.55,6.98] -0.75 [5.75]		0.50 [2329.00] -3.00[-24.72,18.72] -0.27 [11.08]	0.80 [2228.00] -3.95[-15.14,7.23] -0.69 [5.70]	0.37 [2229.00] -9.12[-20.98,2.74] -1.51 N.05]		0.90 [2329.00] -3.00[-24.72,18.72] -0.27 [11.09]	0.38 [2328.00] -8.66[-20.35,3.02] -1.45 [5.96]
${\tt EXPGRP_TEXTWhiteV_Productherdune exppliesV_RacenamedChinese}$	0.06 [2329.00] 0.95[-30.18,12.00] 0.17 [5.68]		0.79 [2329.00] -0.74[-22.19,20.72] -0.07 [10.94]	0.49 [2228.00] 1.11[-9.94,12.16] 0.20 [5.63]	0.13 [2229.00] -5.63[-17.34,6.09] -0.94 [5.97]		0.79 [2329.00] -0.74[-22.19,20.72] -0.07 [10.94]	0.15 [2328.00] -5.42[-16.96,6.11] -0.92 [5.88]
$EXPCRP_TEXTWhiteV_Product to det paper V_Racemann eChinese$	0.87 [2329.00] 7.58[-3.70,18.86] 1.32 [5.75]		0.95 [2329.00] -11.40[-33.13,10.34] -1.03 [11.08]	0.64 [2228.00] 8.44[-2.76,19.64] 1.48 [5.71]	0.35 [2229.00] 4.34[-7.50,16.20] 0.72 [6.05]		0.95 [2329.00] -11.00[-33.13,10.34] -1.03 [11.08]	0.36 [2328.00] 5.73[-5.96,17.42] 0.96 [5.96]
${\it EXFCRP_TEXTWhiteV_Product of greaterV_Race name find an}$	-7.04[-17.78,1.70] -1.28 [5.48]		-4.36[-25.00,16.24] -0.42 [10.51]	1.48 [5.71] 0.14 [2228.00] -6.72[-17.39,3.94] -1.26 [5.44]	-0.29 (5.77) -0.29 (5.77)		-0.30 [2329.00] -0.38[-25.00,16.24] -0.42 [10.51]	-4.03[-15.17,7.12] -0.71 [5.66]
$EXPGRP.TEXTWhiteV. Product has denote applied V. Race name find an \label{eq:expression}$	-7.41[-18.11,3.29] -1.36 [5.46] 0.17 [2329.00]		-6.18[-26.74,14.38] -0.59 [10.49] 0.56 [2129.00]	-6.72(-17.90.39) -1.24 [5.44] 0.22 [228.00] -7.62[-97.64,3.61] -1.00 [5.42] 0.30 [228.00] 2.81[-7.90.12.60] 0.51 [5.50] 0.64 [228.00] 0.67 [6.47] 0.47 [6.47]	0.13 [229.00] -10.90[-22.26,0.27]+ -1.91 [5.75] 0.06 [229.00] 0.25[-11.16,11.73] 0.05 [5.84] 0.05 [5.84] 0.05 [5.84] 0.05 [5.84] 0.07 [6.85]		-6.18[-26.74,14.38] -0.59 [10.49] 0.56 [2229.00]	-10.41[-23.51,0.68]+ -1.84 [5.66] 0.67 (2228.00)
${\bf EXPCRP_TEXTWhiteV_Product to RepaperV_Recease effection}$	1.96[-8.90,12.83] 0.35 [5.54] 0.72 [2329.00]		-13.63[-34.48,7.22] -1.28 [10.63] 0.20 [2329.00]	2.81[-7.98,13.60] 0.51 [5.50] 0.61 [2228.00]	0.28[-11.16,11.73] 0.05 [5.84] 0.96 [2229.00]		-13.63[-34.48,7.22] -1.28 [10.63] 0.20 [2329.06]	1.60[-9.67,12.97] 0.26 [5.75] 0.76 [2326.00]
V.ProsentationDefensionV.ProductiquestonV.Racenamefillack V.ProsentationDefensionV.ProducthardwarengoliesV.Racenamefillack	2.96[-8.88,16.67] 0.60 [6.51] 0.55 [2329.00] -7.13[-20.29,6.04] -1.06 [6.71]		12.47[-12.11,37.06] 0.99 [12.54] 0.32 [2329.00]	3.03[-9.66,15.71] 0.47 [6.47] 0.64 [2228.00]	6.64 [-6.81,20.09] 0.97 [6.96] 0.33 [2229.00] 1.45 [-12.42,15.31] 0.20 [7.07] 0.84 [2229.00]		12:47[-12:11,37:06] 0:99 [12:54] 0:32 [2329:00]	5.36[-7.89,18.61] 0.79 [6.76] 0.43 [2328.00]
V. Proventation Defension V. Product has decreen applied V. Racename Hlinck V. Proventation Defension V. Product milet paper V. Racename Hlinck	-1.13(-20.29)6.04] -1.06 (6.71) 0.29 [2329.00] 5.905-7.00 14.2*		-1.00[-26.00,24.20] -0.09 [12.90] 0.92 [2129.00] 5.50[-]9.00.00	-7.00[-20.17,5.97] -1.07 [6.66] 0.29 [2228.00] 5.45[-7.95 to 97]	0.20 [7.07] 0.30 [7.07] 0.84 [2229.00] 6.161-7.30 to 77		-1.10[-26.40,24.20] -0.09 [12.90] 0.93 [2329.00] 5.53[-19.97.90 W	0.20 [0.96] 0.20 [0.96] 0.84 [2328.00] 5.64 - 2.71 to 61
V. Promitation Defended V. Production epiper V. Jaconson Hank. V. Promitation Defended V. Production and Chinese	0.88 [6.58] 0.38 [2329.00] 4.08[-8.96,17.11]		0.44 [12.67] 0.66 [2329.00] -8.38[-33.74,16.99]	0.83 [6.53] 0.40 [2228.00] 4.62[-8.32,17.56]	0.89 [6.92] 0.37 [2229.00] -3.07]-16.77,10.63		0.44 [12.67] 0.66 [2329.00] -8.38[-33.74,16.96]	0.82 [6.82] 0.41 [2328.00] -2.26[-15.75,11.26]
V. Proventation Defension V. Producther decrees applies V. Recensus Chinese	0.61 [6.65] 0.54 [2329.00] 2.91]-8.95,16.76]		-0.65 [12.94] 0.52 [2329.00] 1.44[-23.54.26.41]	0.70 (6.60) 0.48 [2228.00] 3.86[-8.90,16.62]	-0.44 [6.99] 0.66 [2229.00] -0.99[-14.50,12.52]		-0.65 [12.94] 0.52 [2329.00] 1.44[-23.54.26.41]	-0.33 (6.89) 0.74 (2328.00) -1.09(-14.40,12.23)
V. Promutation Defender V. Product toll expaper V. Racename Chinese	0.60 (6.55) 0.55 (2)29.00] 12.62[-0.06,25.30]+		0.11 [12.74] 0.91 [2329.00] -4.04[-28.72,20.64]	0.59 [6.51] 0.55 [2228.00] 12 96[0.37,25.55]*	-0.14 [6.86] 0.89 [2229.00] 6.81[-6.52,20.14]		0.11 [12.74] 0.91 [2329.00] -4.04[-28.72,20.64]	-0.16 (6.79) 0.87 (2028.00) 7.40[-5.73,20.54]
V. Proventation Defender V. Product eigenvton V. Racename finds an	0.05 [2329.00] -2.51[-15.62,10.60] -0.38 [6.68]		0.75 [2329.00] 0.75 [2329.00] 0.27[-21.06,29.60] 0.33 [12.92]	0.04 [2228.00] -2.91[-15.92,10.21] -0.42 [6.64]	0.32 [2329.00] -0.33[-14.12,33.46] -0.05 [7.03]		0.75 [2329.00] 0.75 [2329.00] 4.27[-21.06,29.60] 0.33 [12.92]	0.27 [2328.00] -0.72[-14.31,12.86] -0.10 16.92
$V_{\bullet} Proventation Defension V_{\bullet} Product has dware supplies V_{\bullet} Racenaus Cludian$	0.71 [2329.00] -9.22[-22.41,3.98] -1.37 [6.73]		0.74 [2329.00] -4.65[-30.10,20.80] -0.36 [12.98]	0.67 [2228.00] -8.90[-22.04,4.16] -1.34 [6.68]	0.96 [2229.00] -8.50[-22.39,5.39] -1.20 [7.08]		0.74 [2329.00] -4.65[-30.30,20.80] -0.36 [12.98]	0.92 [2328.00] -8.19[-21.87,5.49] -1.17 [6.98]
$V_{p}) were taken In the union V_{p} to dear the observance galaxy. We remeasure find in V_{p}P) were taken In the union V_{p}P to dear taken V_{p}P and the observance of the taken V_{p}P and the taken V_{p}P and taken V_{p}P and taken V_{p}P and taken V_{p}P and the taken V_{p}P and taken V_{p}P and the taken V_{p}P and the taken V_{p}P and taken V_{p}P and the taken V_{p}P and taken V_{p}P and the taken V_{p}P and taken V_{p}P a$	0.17 [2329.00] 8.14[-4.89,21.18] 1.22 [6.65]		0.72 [2329.00] -1.62[-26.83,23.58] -0.13 [12.65]	0.18 [2228.00] 8.23[-4.71,21.17] 1.25 [6.60]	0.23 [2229.00] 0.74[-12.98,14.45] 0.11 [6.96]		0.72 [2329.00] -1.62[-26.83,23.58] -0.13 [12.85]	0.24 [2328.00] 0.90[-12.61,14.40] 0.11 [6.80]
${\tt EXPGRP_TEXTWhiteV_PresentationDefendervV_ProductedgarettesV_Racenamed fillick}$	0.22 [2]29.60] -2.10[-17.71,13.51] -0.26 [7.96] 0.70 [9990 oil		0.90 [2129.00] -12.61[-42.67,17.65] -0.82 [15.33] 0.41 [210.00]	0.21 [2228.60] -1.26[-16.76,14.23] -0.16 [7.90] 0.87 [7.90]	0.92 [2229.00] -2.65[-20.07,12.78] -0.44 [8.38] 0.66 [220.00]		0.90 [2i29.06] -12.61[-42.67,17.45] -0.82 [15.33] 0.41 [2i20.00]	0.90 [2228.60] -2.37[-18.55,13.80] -0.29 [8.25] 0.77 (2010 001
$\label{lem:expose} \begin{split} & EXFGRP_TEXTWhitsV_Presentation Defensive V_Product have been exampled of Raceman efficient \\ & EXFGRP_TEXTWhitsV_Presentation Defensive V_Product to Repuper V_Raceman efflicient \\ & EXFGRP_TEXTWhitsV_Presentation Defensive V_Product to Repuper V_Raceman efflicient \\ & EXFGRP_TEXTWhitsV_Presentation Defensive V_Product to Repuper V_Raceman efflicient \\ & EXFGRP_TEXTWhitsV_Presentation Defensive V_Product to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Presentation Defensive V_Product to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Presentation Defensive V_Product to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Presentation Defensive V_Product to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Presentation Defensive V_Preduct to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Presentation Defensive V_Preduct to Reputer V_Raceman efflicient \\ & EXFGRP_TEXTWHITSV_Preduct TAMPAC \\ & EXFGRP_TEXTWHITSV_Preduct TAMPAC \\ & EXFGRP_TEXTWHITSV_PREDUCT \\ & EXFGRP_TEXTWHITSV_P$	2.54[-13.32,18.40] 0.31 [8.69] 0.75 [2329.60]		5.80[-21.72,36.32] 0.37 [15.56] 0.71 [2329.00]	2.25[-13.50,17.99] 0.29 [8.00] 0.79 [2228.00]	-2.19[-18.89,14.51] -0.26 [8.52] 0.80 [2229.08		5.80[-24.72,36.32] 0.37 [15.56] 0.71 [2329.00]	-2.45[-18.89,14.00] -0.29 [8.29] 0.77 [2228.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductionTemperV_Receases@fflick EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductionpertiesV_Receases@flickee	-7.79(-23.44,7.97) -0.98 [7.98] 0.33 [2329.00]		-9.69(-29.97,20.48) -9.63 [15.39] 0.53 [2129.00]	-7.15(-22.69,8.36) -0.90 [7.93] 0.37 [2328.00]	-1.59[-18.07,14.89] -0.19 [8.40] 0.85 [2229.00]		-9.69[-29.97,20.05] -0.62 [15.29] 0.53 [2329.00]	-0.57[-16.90,15.66] -0.07 (8.28] 0.95 [2228.00]
$\label{lem:exposition} \begin{split} & EXPCRP, TEXTWhite V. Presentation Defensive V. Product sign etter V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWhite V. Presentation Defensive V. Product has discrete supplier V. Racename Chinese \\ & EXPCRP, TEXTWHITE \\ & EX$	-4.75[-29.50,11.00] -0.59 [8.03] 0.55 [2329.00]		8.43[-22.21,29.06] 0.54 [15.62] 0.59 [2329.00]	-5.30[-20.94,30.34] -0.66 [7.97] 0.51 [2228.00]	6.96[-9.57,23.54] 0.83 [8.44] 0.41 [2329.00]		8.43[-22.21,29.06] 0.54 [15.62] 0.59 [2329.00]	6.19(-10.13,22.50) 0.74 [8.32] 0.46 [2328.00]
EXPLUTE, I EXTWhiteV. Presentation Defensive V. Producthard marce applied V. Racemann C. Minore EXPLIPE TEXTWhiteV. Presentation Infrarier V. Producthard States and V. Produc	-7.09(-22.90,8 G3) -0.98 [8.00] 0.38 [2329.00]		9.29[-21.25,39.83] 0.60 [15.58] 0.55 [2329.00] 12.56[-17.75.75	-7.72[-23.32,7.88] -0.97 [7.96] 0.33 [2228.00] -14.96[-22.87.0]	0.67 [-10.95,22.18] 0.67 [8.42] 0.50 [2229.00]		9.29[-21.25,39.k3] 0.60 [15.58] 0.55 [2329.00]	4.75[-11.53,21.00] 6.57 [8.30] 6.57 [2328.00]
EXPGRP_TEXTWhite V_ProcurationDefensive V_Profutctionsetties V_ReconnectSchiose	-1.78 [7.89] 0.08 [2329.00] 9.70(-6.20.25.6**		0.82 [15.35] 0.41 [2329.00] -2.26[-32.99.28.4F]	-1.91 [7.83] 0.06 [2228.00] 9.80[-5.95.25.63	-0.42 [8.29] 0.68 [2229.00] 5.22[-11.51.21.97]		0.82 [15.35] 0.82 [15.35] 0.41 [2329.00] -2.26[-32.99.25.00]	-0.61 [8.17] -0.61 [2328.00] 5.38[-11.10.21.87]
EXPURP_TEXTWhite V_Presentation between V_Production present in the EXPURP_TEXTWhite V_Presentation Defensive V_Production between policy V_Busenamediation.	1.20 [8.11] 0.23 [2329.00] 11.30[-4.59,27.18]		-0.14 [15.67] 0.89 [2329.00] 15.69[-14.94,06.31]	1.22 [8.05] 0.22 [2228.00] 10.28[-5.50;26.06]	-0.42 [9.29] 0.68 [2229.00] 5.22[-11.51.21.95] 0.61 [9.53] 0.54 [2220.00] 16.61[-0.11,33.34]+ 1.95 [9.53]		-0.14 [15.67] 0.89 [2329.00] 15.69[-14.94,46.31]	0.64 [8.41] 0.52 [2328.00] 15.20[-1.27,31.68]+
EXPORP_TEXTWhite V ProputationDefensive V ProductioRelegates V Race name Radian.	1.39 [8.10] 0.16 [2229.00] 0.68[-15.08,16.43]		1.00 [15.62] 0.32 [2329.00] 10.96[-19.58,41.307	1.28 [8.05] 0.20 [2228.00] -0.00[-15.68,15.61]	1.95 (4.53) 0.05 (2229.00) 6.09[-10.50;22.67]		1.00 [15.62] 0.32 [2329.00] 10.96[-19.58,41.30]	1.61 [8.40] 0.07 [2328.00] 5.00[-11.34,21.30]
MWPm-Post	0.05 [8.04] 0.93 [2329.00]	0.000.04,0.07	0.70 [15.52] 0.48 [2329.00]	0.00 [7.98] 1.00 [2228.00] 0.06[0.01,0.06]****	0.72 [8:06] 0.47 [2329:00]	0.06(0.06,0.30)***	0.70 [15.52] 0.48 [2329.00]	0.60 (8.33) 0.55 [2328.00] 0.10(0.07,0.12)***
SD (Intercept ID) SD (Observations)	2.63	6.02 [0.00] 0.00 [2392.00] 2.97 11.04	0.00 21.99	3.70 [0.01] 0.00 [2228.00] 2.90 11.00	3.21	8.20 (0.01) 0.00 [2202.00] 3.15 11.51	0.00 21 m	8.69 (0.01) 0.00 [2328.00] 3.01 11.46
Num.Obs. R2 Marg.	236 0.015	2396 0.005	21.93 2395 0.228	2395 0.059	2395 0.032	2296 0.027	0.00 21.93 2.95 0.228	2395 0.062
AIC BIC ICC	2395 0.045 0.104 19.200.1 19.701.6 0.1 10.64	2396 0.005 0.081 18 691.7 18 534.8 0.1 18.76	21 369.5 21 751.0	2395 0.059 0.116 18:294.4 18:681.7 0.1 10:56	2995 0.002 0.102 15.562.4 15.944.0 0.1	2396 0.027 0.094 186769 187000 0.1	21 369.5 21 751.0	2395 0.062 0.124 18 497.3 18 884.6 0.1
RMSE p-value, [ffermer]	10.64	10.76	21.63	10.56	11.11	11.16	21.63	10.99
Estimate [6Conflicteral]								

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 II path	CC A path	CC C' path	TC C path	TC II path	TC A path	TC C' path
(Intercept)	2.42[-0.70,5.53] 1.52 [1.59]	1.08[0.58,1.59]**** 4.19 [0.26]	14.71[8.59,20.83]*** 4.72 [3.12]	1.63[-1.48,4.75]	1.76 [-1.50,5.03]	0.85[0.32,1.37]** 3.13 [0.27]	14.71[8.59,20.83]*** 4.72 [3.12]	0.44[-2.79,3.68] 0.27 [1.65]
	0.13 (2361.00)	4.19 [0.26] 0.00 [2392.00]	0.00 [2351.00]	0.70 (2750.00)	0.29 [2361.00]	3.13 [0.27] 0.00 [2392.00]	0.00 [235].00	0.79 [2360.00]
EXPGRP_TEXTWhite	-1.43[-5.18,2.31] -0.75 [1.91]		-4.57[-11.92,2.79]	-1.17[-4.90,2.56]	0.37[-3.55,4.29]		-4.57[-11.92,2.79]	0.82[-3.05,4.69]
			-1.22 [3.75] 0.22 [2961.00]	-0.62 [1.90] 0.54 [2360.00]	0.18 [2.00] 0.85 [2361.00]		-1.22 (3.75) 0.22 [2361.00]	0.41 [1.97] 0.68 [2360.00]
V.PresentationDefensive	-1.02[-5.78,3.73] -0.42 [2.42]		-24.40[-33.75,-15.06]*** -5.12 [4.76]	0.27[-4.48,5.03]	-2.00[-6.98,2.98] -0.79 [2.54]		-24.40[-33.75,-15.06]*** -5.12 [4.76]	0.21 [-4.74,5.15] 0.08 [2.52]
	0.67 [2361.00]		0.00 [2351.00]	0.90 (2360.00)	0.43 [2361.00]		0.00 [236].00	0.93 [2360.00]
V_ProductMorMorallyQuestionable	1.24[-3.09,5.58] 0.56 [2.21]		2.80(-5.73,11.33) 0.64 (4.35)	1.10[-3.21,5.42] 0.50 (2.20)	-0.64[-5.18,3.90] -0.28 [2.32]		2.80(-5.73,11.33) 0.64 (4.35)	-0.96[-5.34,3.63] -0.38 [2.29]
V,Racenanefillack	0.57 [2361.00] 0.43[-4.10.4.97]		0.52 [2361.00] -2.60[-11.58.6.38]	0.62 [2360.00] 0.56[-3.95.5.08]	0.78 [2361.00] 1.67 [-3.07.6.42]		0.52 [2361.00] -2.60[-11.58.6.38]	0.71 [2360.00] 1.91 [-2.78,6.60]
· Annual Control of the Control of t	0.29 [2.31]		-0.57 [4.58]	0.24 [2.30]	0.69 [2.42]		-0.57 [4.58]	0.80 [2.39]
V.Ramane@hinee	0.85 [2361.00] 0.27[-4.30.4.84]		0.57 [2361.00] -4.67[-13.65,4.31]	0.51 [2360.00] 0.55[-4.00.5.10]	0.49 [2351.00] 3.09[-1.69.7.88]		0.57 [2361.00] -4.67[-13.65.4.31]	0.42 [2360.00] 3.58[-1.14.8.31]
V_Harrisated_timese	0.22 [2.33] 0.91 [2951.00]		-4.61 [-13.60,4.31] -1.02 [4.58] 0.31 [2361.00]	0.24 [2.32] 0.81 [2360.00]	1.27 [2.44] 0.20 [2361.00]		-1.02 [4.58] -1.02 [4.58] 0.31 [2361.00]	1.49 [2.41] 0.14 [2360.00]
V.Baccame@idan	0.91 [2361.00] 2.61[-0.87.8.09]		0.31 [2361.00] -0.77[-9.60.8.05]	0.81 [2360.00] 3.66[-0.80.8.12]	0.20 [2361.60]		0.31 [2361.90] -0.77[-9.60,8.95]	0.14 [2360.00] 3.45[-1.18,8.09]
, Andreas Caraca	1.58 [2.29]		-0.17 (4.50)	1.61 (2.27)	1.40 (2.39)			
EXPGRP.TEXTWhite V. PresentationDefensive	0.11 [2361.00] -0.54[-6.24.5.17]		0.86 [2361.00] 2.29(-8.92.13.51)	0.11 [2360.00] -0.69[-6.36.4.99]	0.16 [2361.00] 0.55[-5.42.6.53]		0.86 [2361.00] 2.29[-8.92.13.51]	0.14 [2360.00] 0.25[-5.65.6.15]
	-0.18 [2.91]		0.40 [5.72]	-0.24 [2.90]	0.18 (3.05)		0.00 [5.72]	0.08 [3.01]
EXPGRP.TEXTWhiteV.ProductMorMorallyOnestionable	0.85 [2361.00] 1.28[-4.05,6.61]		0.69 [2351.00] 3.24[-7.25,13.72]	0.81 [2360.00] 1.07[-4.23,6.38]	0.86 [2361.00] 1.67 [-3.91,7.26]		0.69 [2361.00] 3.24[-7.25,13.72]	0.93 [2360.00] 1.31 [-4.20,6.82]
	0.47 [2.72]		0.61 [5.35]	0.40 [2.71]	0.59 [2.85]		0.61 [5.35]	0.46 [2.81]
V.PresentationDefensiveV.ProductMonMandlyQuestionable	0.64 [2361.00] 0.26[-6.22.6.74]		0.55 [2361.00] 8.06[-4.08,20.80]	0.69 [2360.00] -0.18[-6.62,6.27]	0.56 [2361.00] 3.44[-3.35,39.22]		0.55 [2361.00] 8.06[-4.68,20.80]	0.64 [2360.00] 2.66[-4.04,9.36]
	0.05 [3.30] 0.94 [2361.00]		1.24 [6.50] 0.22 [2361.00]	-0.05 [3.29] 0.96 [2360.00]	0.99 [3.46] 0.32 [2361.00]		1.24 [6.50] 0.22 [2361.00]	0.78 [3.42] 0.44 [2360.00]
EXPGRP.TEXTWideV.Recognefflick	0.94 [2361.00]		0.22 [2361.00] -1.01[-11.87.9.85]	0.96 [2360.00] 0.07[-5.40,5.53]	0.32 [2361.00] -1.73[-7.48.4.01]		0.22 [2361.00] -1.01[-11.87.9.85]	0.44 [2360.00] -1.67[-7.34.4.00]
	0.01 [2.80]		-0.18 [5.54]		-1.73[-7.48,4.00] -0.59 [2.93]		-0.18 [5.54]	-1.67[-7.34,4.00] -0.58 [2.89]
EXPGRP_TEXTWideV_RecognerChinese	1.00 [2361.00] 1.00[-4.56.6.50]		0.85 [2361.00] 4.99(-5.99.15.96]	0.98 [2360.00] 0.69[-4.87,6.25]	0.55 [2361.00] -3.71[-9.56,2.14]		0.85 [2361.00] 4.99[-5.99.15.96]	0.56 [2360.00] -4.25[-10.02.1.53
	0.35 [2.85] 0.71 [7951 00]		0.89 [5.60]	0.24 [2.83] 0.91 [2560.00]	-1.24 [2.98] 0.21 [2351.00]		0.89 [5.60]	-1.44 [2.94] 0.15 [2960.00]
EXPGRP_TEXTWhiteV_Recommediation	-2.02[-7.37.3.33]		2.44[-8.10.12.98]	-2.17[-7.49.3.15]	-4.33[-9.93.1.27]		2.44[-8.10.12.98]	-4.59 -10.12.0.93
	-0.74 [2.73]		0.45 [5.37]	-0.90 [2.71]	-1.52 [2.85]		0.45 [5.37]	-1.63 [2.82]
V.ProvogaciosDefession V.Baccasareffllack	0.46 [2361.00] -4.74[-11.30,1.82]		0.65 [2361.00] -7.29[-20.22,5.64]	0.42 [2360.00]	0.13 [2361.00] -3.34[-10.20,3.53]		0.65 [2361.00] -7.29[-20.22.5.64]	0.10 [2360.00] -2.78[-9.56,4.00]
				-1.31 [3.33] 0.19 [2360.00]	-0.95 [3.50] 0.34 [2361.00]		-1 11 is 59i	-0.80 [3.46] 0.42 [2360.00]
V.ProvogatiosDefension V.RacenaguelChipses	0.16 [2361.00]		0.27 [2951.00] 5.42[-7.32.18.17]	-3.27[-9.78.3.23]	-3.84 -10.69.3.02		0.27 [2361.00] 5.42[-7.32.18.17]	-6.44[-11.29.2.32
	-0.89 [3.34] 0.38 [236].00]		0.83 [6.50] 0.40 [2361.00]	-0.99 [3.32] 0.32 [2360.00]	-1.10 [3.50] 0.27 [2361.00]		0.83 [6.50] 0.40 [2361.00]	-1.29 [3.45] 0.20 [2360.00]
V.PresonationDefensive V.Racenagaeffadian	_6.96(_12.66.0.36)+		-2.90[-15.90.10.11]	-6.12 2360.00 -6.12 -12.71.0.05 +	-5.15[-12.08.1.79]		-2.90[-15.90.10.11]	0.20 [2360.00] -4.99[-11.84.1.85
	-1.85 (3.38) 0.06 (2361.00)		-0.44 (6.63) 0.66 (2361.00)	-1.82 [3.36] 0.07 [2360.00]	-1.46 [3.54] 0.15 [2361.00]		-0.44 (6.63) 0.66 (2361.00)	-1.43 (3.49) 0.15 (2360.00)
V.ProductMorMorallyQuestionableV.Racemaneffliack	-126-970111		-1.60[-14.19.10.98]	-3.19[-9.56.3.19]	-4.29[-11.00.2.43]		-1.60[-14.19.10.98]	-4.14 -10.77.2.49
	-1.00 [3.27] 0.32 [2361.00]		-0.25 [6.42] 0.90 [2361.00]	-0.98 [3.25] 0.33 [2360.00]	-1.25 [3.42] 0.21 [2361.00]		-0.25 [6.42] 0.90 [236].00]	-1.23 [3.38] 0.22 [2360.00]
V.ProductMorMorallyQuestionableV.RacemannetChinese	-5.34[-11.80.1.11]		4.09[-8.6],16.79[-5.62[-12.04.0.81]+	-2.93[-9.69.3.83]		4.09[-8.61.16.29]	-3.38 -10.05.3.30
	-1.62 [3.29] 0.10 [2361.00]		0.63 [6.48] 0.53 [2361.00]	-1.71 [3.28] 0.09 [2360.00]	-0.85 [3.45] 0.40 [2361.00]		0.63 [6.48] 0.53 [2361.00]	-0.99 [3.40] 0.32 [2360.00]
V.ProductMorMorallyQuestionableV.Rucenamefindian			0.30[-11.87.12.47]	-6.82[-13.020.63]*	-6.40[-12.93.0.12]+			-6.48[-12.93, -0.94 -1.97 [3.28]
	-2.14 [3.18]		0.05 [6.21] 0.96 [2361.00]	-2.16 [3.16] 0.03 [2360.00]	-1.92 [3.33] 0.05 [2361.00]		0.05 [6.21]	-1.97 [3.28] 0.05 [2360.00]
EXPGRP_TEXTWisteV_PresentationDefensiveV_ProductMorMoraTeOnestionable	0.03 [2361.00] 0.35[-7.53.8.20]		-1.61 -17.11.13.89		-2.39[-10.64.5.86]		-1.61 -17.11.13.89	-2.10[-10.24.6.05
	0.09 [4.02] 0.93 [2361.00]		-0.20 [7.90] 0.84 [2361.00]	0.12 [4.00] 0.90 [2360.00]	-0.57 [4.21] 0.57 [2361.00]		-0.20 (7.90) 0.84 (2361.00)	-0.50 (4.15) 0.61 (2360.00)
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Racenameffllack	4.57 - 3.34.12.49		11.37 - 4.21.26.97	3.99[-3.90.11.87]	1.08 -7.21.9.37		11.37 - 1.23.26.97	0.17[-5.02.5.36]
	1.13 [4.04] 0.26 [2361.00]		1.43 [7.96] 0.15 [2361.00]	0.99 [4.02] 0.32 [2360.00]	0.25 [4.23] 0.90 [2351.00]		1.43 [7.96] 0.15 [2361.00]	0.04 [4.18] 0.97 [2360.00]
EXPGRP.TEXTWisteV.PresentationDefensiveV.RacenagueChinese	3.44 - 4.57.11.45		-3.53[-29.13.12.08]	3.68 - 4.29.11.64	4.74[-3.95.13.14]		-3.53[-19.13.12.08]	5.19 - 3.09.13.47
	0.84 [4.08] 0.40 [2361.00]		-0.44 [7.96] 0.66 [2361.00]	0.90 [4.06] 0.37 [2360.00]	1.11 [4.28] 0.27 [2361.00]		-0.44 [7.96] 0.66 [2361.00]	0.22 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_Racemannefindian	4.23[-3.74.12.21]		2.90[-12.77.18.57]	4.11 - 3.82.12.04			2.90 - 12.77.18.57	5.93 - 2.32.14.17
	1.04 [4.07] 0.30 [2361.00]		0.36 [7.99] 0.72 [2361.00]	1.02 [4.05] 0.31 [2360.00]	1.43 [4.26] 0.15 [2361.00]		0.36 [7.96] 0.72 [2361.00]	1.41 [4.20] 0.16 [2360.00]
EXPGRP_TEXTWisteV_ProductMorMorallyOnestionableV_Racenamefflinck	-0.50 -8.35.7.34			-0.59[-8.49.7.21]			2.05 - 13.32.17.43	
	-0.13 [4.00] 0.90 [2361.00]		0.26 [7.64] 0.79 [2361.00]	-0.15 [3.98] 0.98 [2360.00]	0.35 [4.19] 0.73 [2361.00]		0.26 [7.64] 0.79 [2361.00]	0.32 [4.13] 0.75 [2360.00]
EXPGRP_TEXTWhiteV_ProductMorMorallyQuestionableV_RacenamefChinese	1.75[-6.13,9.62]		-7.90[-23.39,7.58]	2.25 -5.59,10.08	1.00 -7.24,9.25		-7.90[-23.39, 7.58]	1.85 -6.29,9.99
	0.44 [4.02]		-1.00 [7.90] 0.32 [2361.00]	0.56 [4.00] 0.57 [2360.00]	0.24 [4.20] 0.81 [2361.00]		-1.00 (7.90) 0.32 (2361.00)	0.45 [4.15]
EXPGRP_TEXTWhiteV_ProductMorMorallyOnestionableV_Racenamefladian	0.64 - 6.96.8.27		-4.34 -29.23,10.56	0.50[-6.69.8-48]	3.26[-4.73,11.25]		-4.34[-19.23,10.56]	3.71 [-4.18,11.59]
	0.17 [3.86] 0.87 [2361.00]		-0.57 [7.60] 0.57 [2361.00]	0.23 [3.87] 0.82 [2360.00]	0.80 [4.07] 0.42 [2361.00]		-0.57 [7.60] 0.57 [2361.00]	0.92 [4.02] 0.36 [2360.00]
V.PresentationDefensiveV.ProductMonMyQuestionableV.RacenamefIllack	8.60(-0.53.17.74)+		10.45 - 7.51.28.42	8.05 - 1.03.17.15 +			10.45[-7.51.28.42]	4.97 - 4.47.14.41
	1.85 [4.66] 0.06 [236].00]		1.14 [9.16] 0.25 [2361.00]	1.74 [4.63] 0.05 [2360.00]	1.19 [4.88] 0.23 [2361.00]		1.14 [9.16] 9.25 [2361.00]	1.03 [4.81] 0.30 [2360.00]
V.PreentationDefensiveV.ProductMonMyQuestionableV.RacemanefChinese	7.08 -1.98.16.15		-8.05[-26.08.9.98]	7.55[-1.47.16.57]	2.62[-6.96.12.09]		-8.05[-26.08.9.98]	3.45[-5.92.12.81]
	1.53 [4.62] 0.13 [2361.00]		-0.88 [9.19] 0.38 [2361.00]	1.64 [4.60] 0.10 [2360.00]	0.54 [4.83] 0.59 [2361.00]		-0.88 [9.19] 0.38 [2361.00]	0.72 [4.78] 0.47 [2360.00]
V.PreentationDefensiveV.ProductMonMyQuestionableV.RacemansefIndian	7.80[-1.31,16.91]+		4.80[-13.18,22.78]	7.55 -1.52,16.61	4.72[-4.82,14.25]		4.99 - 13.18,22.78	4.42 - 5.00,13.83
	1.68 [4.65] 0.09 [236].00]		0.52 [9.17] 0.60 [2361.00]	1.63 [4.62] 0.10 [2360.00]	0.97 [4.96] 0.33 [2361.00]		0.52 [9.17] 0.60 [2361.00]	0.92 [4.80] 0.36 [2360.00]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_Rucenamefillack	-6.32[-17.44,4.80]		-14.80[-36.67,7.06]	-5.58[-15.64,5.49]	-1.33[-12.97,10.31]		-14.80[-36.67,7.06]	-0.18[-11.67,11.30
	-1.11 [5.67] 0.27 [2361.00]		-1.33 [11.15] 0.18 [2361.00]		-0.22 [5.94] 0.82 [2361.00]		-1.33 [11.15] 0.18 [2361.00]	-0.03 [5.86] 0.96 [2360.00]
$EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_RacenamefChinese$	-6.62[-17.66.4.41]		7.71 -14.22.29.64	0.32 [2360.00] -7.10[-18.08,3.88]	-1.09(-12.62.10.45)		7.71 - 14.22.29.64	-1.94 -13.34.9.49
	-1.1s [5.63] 0.24 [2361.00]		0.69 [11.19] 0.49 [2361.00]	-1.27 [5.60] 0.20 [2360.00]	-0.1s [5.8s]		0.69 [11.19] 0.49 [2361.00]	-0.33 [5.81]
EXPGRP_TEXTWhiteV_PresentationDefensiveV_ProductMorMorallyQuestionableV_RucenameIndian	-0.44[-11.54.10.66]		-5.67[-27.56.16.21]	-0.16 -11.21.10.88	0.85 [2361.00] -2.51[-14.13.9.10]		-5.67[-27.56.16.21]	0.74 [2360.00] -2.16[-13.63,9.31
	-0.08 [5.66] 0.94 [2361.00]		-0.51 [11.16] 0.61 [2361.00]	-0.03 [5.63] 0.96 [2360.00]	-0.42 [5.92] 0.67 [2361.00]		-0.51 [11.16] 0.61 [2361.00]	-0.37 [5.85] 0.71 [2360.00]
MWPro_Post.	v.m [2361300]	0.05 0.04,0.07 ***	tors [a301.00]	0.05(0.03,0.07)***	vor [2361.00]	0.08[0.06,0.10]***	www.[a361.00]	0.09(0.07,0.11)***
		6.03 [0.01]		5.09 [0.01] 0.00 [2360.00]		8.20 [0.00]		8.12 [0.00] 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. B2 Mars.	2395 0.022	2396 0.015	2395 0.180	2295	2395 0.009	2396 0.027	2395 0.190	2395 0.045
R2 Cond.	0.085	0.081		0.094	0.092	0.094		0.110
	16.436.1	18 491.7	21622.8	18 421.7	18658.6	18 676.9	21 622.8	18 602.9 18 805.2
AIC IIIC ICC ICC	18634.7 0.1 10.74	18514.8 0.1 10.76	21 829.4	18624.0 0.1 10.69	18855.1 0.1 11.17	18700.0 0.1 11.16	22 819.4	0.1 11.08

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

		00.0			800.0	70 h	******	
(Intercept)	0.82[-1.81,6.15] 0.29 2.87	CC R path L00(0.58,1.50)*** 4.19 0.20 0.00 2292.00	CC A path 13.86(1.02,21.73)* 2.31.5.32	-0.00[-5.00,5.52] -0.02 2.85	TC C path 2.79[-3.14,870] 0.92.302	TC R path 0.85[0.32,1.37]** 3.33.0.27 0.00.2392.00	TC A path 12.80(2.02,21.73)* 2.31.5.33	TC C' path 1.8(-4.617.24) 0.47.2.98
EXPGRP_TEXTWins	0.82[-1.81,6.25] 6.29.2.87 0.79.2321.00 -1.22[-6.61,4.15] -0.45.2.74	0.00 2292.00	13.8(1.02.3172)* 2.35.5.33 6.91.1202.00 -5.27[-15.83.5.10] -10.0.5.29 6.37.2302.00 -16.71[-29.83,-3.60]* -2.30.6.00	-0.06[-5.06,5.32] -0.02 235 -0.08 2222.00 -0.06[-6.21,4.05] -0.32 237 -0.32 2222.00 1.36[-5.423,41] -0.39 2222.00 0.37[-5.323,676] -0.22 2.109 -0.31 2222.00 -0.31 2222.00	2.79(-3.14.6.70) 0.30 223100 -0.82 (-3.9.5.05) -0.21 2.80 -0.83 223100 -0.81 (-7.87.6.35) -0.22 2.65 0.83 223100 -1.01 3.27 0.00 223100 -2.62 -9.01.305	0.00 2002.00	13.8(3.82,24.12)* 2.31.5.38 6.05.2222.00 -5.27[-13.63,3.0] -1.00.3.29 0.32.2222.00 -16.71[-29.82,-3.60]* -2.00[-3.74,5.75] -0.32.2322.00 -2.00[-3.74,5.75] -0.32.3.5.99 0.71.2222.00	0.61.2323.00 -0.03[-3.63,5.33] -0.02.2.61
V_ProtestationDefensive	0.65 2321.00 0.31[-6.30,7.12] 0.09.3.47		632 232 4.00 -1671[-29.83,-3.60]* -2.50 6.69	0.75 2223.00 1.35(-5.42,8.11) 0.39.3.45	0.83 2331.00 -0.81[-7.97,6.35] -0.22 3.65		0.32 2324.00 -16.71[-29.83,-3.60]* -2.50 6.69	0.90 2223.00 0.80[-6.24,7.89] 0.22.3.60
V.Productoparties	0.50[-5.31,6.60] 0.50[-5.31,6.60]		-2.00[-13.74,9.75] -0.33.3.99	0.70 2223.00 0.74[-5.32;6.79] 0.24.3.09	0.83.2231.00 -3.40[-9.81,3.03] -1.01.3.27		0.00 2321.00 -2.00[-13.71,9.75] -0.33 5.99	6.82.2323.00 -3.15[-9.47,3.16] -0.88.3.22
V_Production/moreopples	0.85 2221.00 0.01[-6.29,6.22] 6:00 3.17		674 2024.00 5:26[-6.71,17.22] 0.86 6.10	-0.30[-6.26,3.87] -0.09.3.14	0.30 2221.00 -2.62[-9.16,3.90] -6.79.3.32		6.71 2321.00 5.26[-6.71,17.22] 0.86 6.20	633 2323.00 -3.11[-9.54,3.22] -0.55.3.28
V.Productoletpaper	1.00 2321.00 1.07[-1.39,7.92] 6.52.3.19		6:39:232.00 13:36(1:38,25.41)* 2:17:6:15	-0.20 -6.06.327 -0.00 3.111 -0.00 2123.00 0.00 -2.02.00 0.00 -2.02.00 -0.00 -4.16.00 -0.00 2123.00 -0.00 2123.00 -0.00 -2.20.10 -0.00 -2.20.10 -0.00 -2.20.10 -0.00 2123.00 -0.00 2123.00 -0	-2.62[-3.16,3.96] -6.79.3.32 0.43.2221.60 -0.25[-7.31,5.86] -6.22.3.36		0.39 2321.00 13.36[1.30,25.41]* 2.17 6.15	0.31.2323.00 -2.00[-9.25, 2.25] -0.60.3.31
V _e ltermanelitiek	0.60 2221.00 -0.22[-6.47,6:04] -0.07 3.19		-0.05 232 L00 -0.06[-12.54,11.56] -0.08 6.15	0.79 2223.00 -0.20[-6.21,6.00] -0.06.3.17	0.83.2321.00 1.20[-5.38,7.78] 0.36.3.36		0.02 2324.00 -0.48[-12.54,11.58] -0.08 6.35	6.55 2023.00 1.31[-5.24,7.72] 0.37.3.38
V _e DermandChinne	0.95 2321.00 -0.95[-7.65,5.76] -0.29 3.42		6:91:2321.00 -5:39[-18:31,7:53] -0:82:6:39	0.55 2223.00 -0.56[-7.22;6.10] -0.16.3.40	0.72.2321.00 0.32[-6.73,7.38] 0.09.3.60		0.91232100 -5.30(-14.31,7.53) -0.82 6.39	6.71 2023-00 6.80[-6.02,7.84] 0.26.2.54
Viltermanelledan	0.79 2221.00 0.14[-6.22,6.59] 0.01.2.29		0.01 2024.00 -2.02[-15.06(9.00] -0.01 6.30	0.97 2223.00 0.32[-6.10;6.72] 0.09.3.27	0.80 2224.00 -1.40[-8.25,5.33] -0.42.3.06		0.41 2324.00 -2.62[-15.06,9.81] -0.41 6.34	6.79.2323.00 -1.19[-7.88,5.29] -9.35.3.41
V _e Ner	0.57 2321.00 0.02[-0.07,0.10]		0.68 232 L00 -0.06[-0.22,0.11]	0.50 2223.00 0.02[-0.06(0.11)	0.67 2321.00 -0.62[-0.11,0.07]		0.68 2321.00 -0.06[-0.32,0.11] -0.70.0.09	6.73.2323.00 -0.01[-0.18,0.07]
V-Lourissistlerity	0.66 2321.00 0.76[-0.37,1.89]		0.01 232 £00 0.76[-1.42,2.94]	0.59 2223.00 0.72[-0.40,1.84] 1.22-9.57	0.66 2221.00 1.200.01.2.027		0.49 2324.00 076[-1.42,2.54]	6.75.2323.00 1.16(0.00,2.35)*
VLoutinmenty	0.19 2224.00 -0.00[-1.36,1.13]		0.29.232.00 -1.23[-3.33,1.69]	0.21 2223.00 0.00[-1.08,1.20] 0.11 0.58	0.64 2321.00 0.35[-6.86,1.55]		0.49 2324.00 -1.13[-3.33,1.08]	0.05.2023.00 0.47[-0.72,3.66]
$V_{\varphi} to w Type departmentature$	0.96 2324.00 0.90[-0.23,2.04]		6:32:232.60 1:35[-1:04,3:33]	0.92 2223.00 0.92[-0.21,1.95]	0.57 2324.00 0.55[-0.64,5.74]		0.32 2324.00 1.15[-1.04,3.35]	0.41 2023.00 0.42[-0.75,1.60]
$V_{\phi} tter Type upvanacket$	0.12.2324.00 0.82[-0.31,1.95]		0.30.232.00 0.82[-1.30,2.04]	0.15 2223.00 0.76[-0.26,1.88]	0.36 2221.00 1.26(0.06,2.45)*		0.30 2024.00 0.87[-1.30,3.64]	6.29 2023:00 1.17(0.00,2.31)*
$EXPGEP_a TEXTWhiteV_presentation Defension$	0.15 2324.00 -1.25[-9.38,6.89]		0.23.232.00 1.80[-12.83,17.32]	0.18 2223.00 -1.38[-9.45,6.79]	0.64 2221.00 1.20[-7.35,876]		0.43 2324.00 1.80[-13.83,17.52]	0.05 2023.00 0.06[-7.44,9.41]
EXPGEP TEXTWhiteV Productinguettes	0.76 2324.00 4.36[-3.16,11.87]		6.22 7.99 6.92 2324.00 -0.25[-1473,14.24]	-9.33 4.12 0.71 2323.60 4.31[-3.16,31.77]	0.78 2321.00 0.78 2321.00 0.80[-2.02,13.79]		0.32 7.99 0.92 2324.00 -0.35[-14.73,14.24]	6.82.2323.00 5.80(-1.88,13.38)
EXPGRP-TEXTWhiteV-Production/swarrapplies	0.20 2321.00 -0.32[-7.87,633]		6:97.232.100 1.36(-13.06,15.72)	0.71 2223.00 4.31[-3.16,31.77] 1.13.3.81 0.36 2223.00 -0.65[-8.05,6.75] -0.17.3.77 0.86 2223.00	0.14.2324.00 1.87[-5.97;8.74]		0.97 2324.00 1.36(-13.00,13.72)	0.14.2023.00 1.60[-6.03,0.41]
EXPGRP_TEXTWhiteV_ProductionSepaper	-0.11 3.90 0.80 2321.00 -2.00[-9.67,5.67]		0.19 7.33 0.95 2324.00 7.74[-7.04,22.52]	-0.17 3.77 0.86 2323.00 -2.32[-10.145.09]	0.62 2321.00 -0.20[-8.45,748]		0.95 2324.00 7.74[-7.64,22.32]	6.47.2323.00 -1.21[-9.16.673]
V.DromatationDefensionV.Devolutriquesties	-6.51 3.91 0.61 2321.00 1.29[-8.00,30.37]		1.03 7.54 0.30 2324.00 12.72[-5.17,30.62]	0.86 2223.00 -2.32[-10.14.5.09] -0.65 3.88 0.32 2223.00 0.34[-8.71,3.74] 0.11 4.70	-6.09 £11 0.92 222£00 2.62[-7.13,12.39]		1.88 7.54 0.39 2324.00 12.72[-5.17,38.62]	-0.30 L85 0.76 2323.00 1.36[-8.24,11.00]
V_PromisticaDefensionV_Production/exempples	6:27 4:33 6:79 2221.00 -2:56[-12:62;6:56]		1.39 9.13 0.16 2324.00 -14.50[-32.76,3.77]	0.11 4.70 0.94 2223.00 -1.63(-11.05,7.79)	0.52 £36 0.60 222£00 -1.54[-11.868.06]		0.16 2324.00 -14.56[-32.78,3.77]	0.28 £.90 0.78 2323.00 -0.29[-18.32,9.34]
V.PromitationEblowineV.Productiolotyagov	-0.53 4.83 0.60 2324.00 -2.77[-11.92.6.29]		-1.56 9.32 6.12 2324.00 -11.29(-28.83.6.35)	-0.31 4.80 0.73 2323.00 -2.00[-13.15.7.00]	-0.28 5.08 0.71 2224.00 1.71[-7.89.11.26]		-1.56 9.32 6.12 2324.00 -11.29(-24.916.20)	-0.30 5.81 6:02 2023:00 2.77[-6.71,12.26]
CONTRACTOR OF THE PARTY OF THE	-0.59 £47 0.55 232£00 -1.00[-8.60,639]		-1.25 9.00 6.21 2324.00 -1.56[-16.22,13.00]	-0.41 4.61 0.66 2223.00 -0.92[-8.26,62]	0.35 £31 0.72 222£00 -2.40(-10.29.3.56)		-1.25 9.60 9.21 2321.00 -1.58[-96.22,13.05]	0.37 4.84 0.37 2023.00 -2.25[-18.11,3.62]
EXTER TEXT White V Research Chinese EXTER TEXT White V Research Chinese EXTER TEXT White V Research chines V Promotein all Security Research chines	-6:26 3.87 6.80 2221.00 6.80[-7:28.839]		-0.21 7.86 0.83 2321.00 5.36(-18.29.21.06)	-9.21 3.81 0.81 2223.00 0.42[-7.65.8.35]	-0.38 £07 0.36 222£00 -0.32[-9.08.8.0*		-6:21 7:26 0:83 2222.00 5:39(-39:29:21.09)	-0.36 £81 0.38 2323.00 -1.17[-9.38.7.26]
EXPERT TETTWING Proceedings	621 4.15 6.81 2221 00		0.62 7.09 0.50 2321.00	0.10 4.12 0.92 2223.00	-0.12 £36 0.90 222£60		0.87 7.89 0.30 2324.00	-0.27 £30 6.79 2323.00
V Denotrical Married V Recognification	6.52 3.52 6.62 2221.00		0.74 7.55 0.36 2321.00	0.433.89 0.47.2223.00	0.36 £ 12 0.72 232£ 60		0.71 7.35 0.81 2321.00	6.32 £.08 6.82 3323.00
V Promote Married Promote Visco	-0.32 4.70 0.75 2324.00		-0.00 9.05 6.38 2324.00	-0.21 466 0.84 2223.00	-0.86 £91 0.39 232£00		-0.00 9.05 0.00 2021.00	-0.30 LS7 6.48 2323.00
V DemotationSelector's RevenueStates V DemotationSelector's RevenueStates V DemotationSelector's RevenueStates V Desidetingsetter's RevenueStates	-0.76 4.71 0.31 2324.00		6.20 3.07 6.70 2324.00	-1.02 L47 0.31 2333.00	-0.72 £16 0.47 232£60		0.29 9.07 0.79 2221.00	-0.82 4.88 6.41 2023-00
v protestanta remaior V Entre attellada	-1.11[-99.56,8.54] -6.23.4.92 6.82.2324.00		-0.08 9.48 631 2324.00	-0.22 4.89 0.82 2223.89	0.17 2221.00 -0.34 -0.5093.21] -0.16 5.18 0.87 2221.00 -1.31 -1.10(7.27) -0.08 2221.00 0.32 -1.30 -2.51.00 0.33 -1.30 -2.51.00 0.35 -1.30 -2.51.00 -1.11 4.00 -3.51 -4.51.41.00 -3.51 -4.51.41.00 0.30 -2.21.1.00 0.30 -2.21.1.00 0.30 -2.21.1.00 0.30 -2.21.1.00 0.30 -2.21.1.00 0.30 -2.21.1.00 0.30 -2.21.1.00		-0.72[-09.31,17.82] -0.08.9.48 0.94.2324.00	-0.15 5.20 -0.15 5.20 6.80 2323.00
v y menengement / Komane-Milek	-0.60 4.50 0.55 2324.00		-0.28 × 62 0.63 2324.00	-2.40(-11.16(0.20) -0.54 4.47 0.39 2223.60	-4.84 -11.20(7.37) -9.49 4.73 0.69 2221.60		-6.28 8.63 6.63 2324.00	-0.32 L66 675 2323.00
V Froderikardramoggórs V Harramorkfársk	6.37 4.71 6.37 232400		-0.41 9.02 0.66 232 L00	0.42 4.68 0.47 2323.00	0.15 4.96 0.88 2324.00		-0.41 9.62 0.66 232100	0.22 £88 0.82 2323.00
V. Productnik tysperV. Raerasaudffack	-2.22[-11.25,6.86] -0.28 £40 0.62 222£00		638-2521.00 -2.80[-20.15,11.28] -0.32.8.84 675-2521.00 3.20[-11.74,23.24] 6.25-3.17 6.72.2021.00 624[-16.88,18.27] 6.08.8.99 632.2021.00	0.67 2021.00 -2.61[-6:09.6.30] -0.41 4157 0.60 2021.00 1.20[-7.99,08.30] 0.27 4 173 0.79 2022.00 1.80[-7.13,11.6] 0.42 4.63 0.80 2022.00 -9.12[-1.68]-0.29[* -1.00 4.60 0.60 2022.00	-5.55[-15.04,3.95] -1.14 4.84 0.35 2324.00		-2.83(-20.29,14.29) -0.32.8.92 0.75.2224.00 3.25(-14.74,25.24) 0.35.937 0.72.2224.00	-5.24[-14.58,4.11] -1.99 4.77 6.27 2023.00
V.ProductriguettesV.RomannelChinese	1.56[-7.76,30.84] 0.23 4.76 0.74 2324.00		325[-14742124] 835 3.17 672 232469	1.28[-7.99,10.33] 0.27 4.73 0.79 2223.00	638[-3.44,1626] 1.27 5.01 0.30 2324.00		3.25[-14.74,21.24] 0.35.9.17 0.72.2324.00	5.96[-3.71,15.63] 1.21 4.92 6.23 2323.00
V_Production/eneroppinsV_Recessor/Chiese V_Productiol/spayeV_Recessor/Chiese	2.00[-7.12,11.17] 0.22 4.66 0.66 2224.00		674[-1688,1837] 639 839 633 232400	1.80[-7.13,11.01] 0.42 4.63 0.68 2223.00	5.20(-4.43,14.82) 1.06.4.90 0.29.2324.00		0.74[-96.88,18.37] 0.08 8.99 0.92 2224.00	1.09(-1.39,11.56) 1.05 1.93 0.29 2323.00
V.ProdustishtyaperV.RueraanelChinese V.ProdustrigaertinV.Rueraanelladan	-9.13[-18.48,0.13]+ -1.93.4.72 0.05.2721.00		4.36(-13.47,22.24) 6.49.9.11	-9.28[-18.68,-0.29]* -2.02.249 0.66.7773.60	-6.64[-15.76,3.71] -1.21.4.97		6.89(-13.47,22.24) 6.89 9.11 6.67 7775.00	-6.56[-16.18.3.02] -1.31.4.99 0.18.7977.00
	1.26[-7.32,691] 6:27 4.45 0.75 7771.00		6.91[-15.83,17.65] 6.11.8.54 6.97.773.600	1.10[-7.55;8.76] 0.25 4.41	0.19(-836,9.27) 0.01 4.68 0.97 2771.00		0.96[-15.83,17.65] 0.11.834 0.97.7774.00	0.02 (-0.02,0.05)
$\label{eq:constraint} V. Producthardwavengelie V. Ravenauer Hadian$	6.55[-2.42,15.52] 1.43.4.57		351[-13742076] 0.40 8.80	0.50 222.00 0.50 2222.00 0.32[-2.57,35.24] 1.40 4.54 0.36 2222.00 -8.40[-17.32,6.54]+ -1.56 2.55 0.00 2222.00	931[-6323875]+ 1.944.81		3.52[-13.74,29.79] 0.40 8.80	501[-0.28,18.31]+ 1.50 4.71
V. Product tall-typepe V. Race nonelladius	-8.14[-17.12,0.84]+ -1.78.458		449(-12.54,21.93) 0.52.8.79	-8.40[-17.32,0.51]+ -1.85.4.55	0.51 (-0.12,18.75) + 1.91 4.81 0.65 2221.60 -3.32 (-12.76,6.21) -3.67 4.82 0.30 2221.60		449(-1234,21.90) 0.32 8.79	-1.66[-12.97,5.65] -0.77 4.75
$EXPGRP_TEXTWhiteV_PowertationDefensionV_Product riggs extres$	-8.76[-15.68,7.54] -6.65.5.75		-0.99[-22.73,20.76] -0.09.11.09	-9.65[-14.95,7.55] -9.64.5.71	-2.86[-13.73,7.96] -0.62 6.05		-0.99[-22.73,20.76] -0.09.11.09	-1.69(-15.29.8.00) -0.62.5.56
$EXPCRP_TEXTWhiteV_PresentationDefensiveV_Producthers bear exampplies$	1.0(-9.97,12.77) 6.24.5.90		6:26[-21.72,22.13] 6:82.11.18	1.40(-9.89,12.69) 9.24.5.70	-1.71[-13.67,16.25] -0.29.6.10		0.20(-21.72,22.13) 0.02.11.14	-0.77[-0.355,00.00] -0.29 6.60
$EXPCEP_s TEXTWhiteV_p Personal and Defensive V_p Product taket paper$	5.10[-5.98,26.28] 6.90 3.45		-2.27[-23.63,19.16] -0.21 10.89	5.27[-5.73,16.28] 5.915.61	-1.94 -13.56(9.75) -0.32 5.94		-2.37[-23.63,19.10] -6.21.20.89	-1.58[-13.07,9.88] -0.27.5.85
$EXPCEP_aTEXTWhiteV_presentationDefenderV_plue reason dillack$	3.66[-7.45,14.86] 0.65.3.67		974[-11.71,31.16] 9.74[-13.71,31.16]	3.61 - 8.01,11.06 9.53.5.63	0.15 222 00 2.87[-9.34,14.07] 0.40 5.97		9.74[-11.71,31.14] 9.74[-11.71,31.14] 9.89.10.94	0.79 202000 1.31[-10.22,12.84] 0.22.5.88
EXPGEP, TEXTWhiteV. PresentationDefensionV. Recommed Chinese	6.52[-4.73,17.77] 6.52[-4.73,17.77]		6.37 2324.00 -6.85[-28.32,14.82] -0.62 11.05	0.39 2221.00 6.99[-4.18,18.16] 1.22.5.70	0.69 2221.00 1.99[-9.84,13.83] 9.32.6.03		0.37 2321.00 -6.85[-28.32,11.82] -6.62 11.65	8.92.2223.00 2.73[-8.93,14.39] 0.46.5.94
EXFCRP.TEXTWhiteV.PowerstationDefensionV.Recommedicalism	0.26 2321.00 -1.86[-13.30,9.62] -0.32 3.87		0.51.232.00 -1.82[-26.96,17.25] -0.43.11.38	0.22.2323.00 -1.56[-12.36;8.86] -0.27.5.82	0.71 2321.00 -2.19[-14.26(8.82] -0.35 6.17		0.54 2324.00 -4.82[-26.88,17.35] -0.43 11.30	6:65 2323:00 -1:72[-13:64,18:20] -0:28:6:08
EXPGEP.TEXTWhiteV.ProductsignettesV.RuernauedElink	0.75 2321.00 -0.75[-11.58,10.08] -0.14 5.52		0.67 2324.00 1.76[-19.03,22.33] 0.17 18.60	0.79 2223.00 -0.84[-11.59;8.92] -0.15.5.48	0.72 2324.00 -1.03[-12.43,10.37] -0.18 5.81		0.67 2324.00 1.79[-29.03,22.55] 0.37 20.60	6.78 2323.00 -1.19[-12.13,18.04] -0.21 5.72
$EXPCRP_aTEXTWhiteV_product has been exapplied V_place name Black\\$	0.89 2221.00 2.00[-9.14,13.13]		6.87.232.60 1.36[-18.99(22.71] 0.77.18.89	0.88 2221.00 1.85[-9.11,12.00]	0.86 2221.00 1.80[-9.92,13.53]		0.97 2321.00 1.36[-29.99,22.71] 0.77.70.93	0.91.2323.00 1.62[-9.91,13.16]
$EXPCRP_aTEXTWhite V_product to detect express V_place removed Black\\$	0.72.222100 1.35[-9:66,12.36]		0.90 2324.00 2.75[-18.37,23.93]	0.73.2223.00 1.20[-9.73,12.14]	0.76 2221.00 5.60[-6.56,56.62]		0.90 2221.00 2.79[-18.27,23.90]	6.79 2323.00 4.79[-6.64,16.19]
EXPGEP_TEXTWhiteV_ProducteignettesV_RarenameChinese	0.85 2321.00 -1.35(-15.64,6.84)		6.90.2321.00 -2.39[-21.14,19.36]	0.83 2223.00 -4.07[-15.28,7.14]	0.39.2321.00 -9.65[-26.92,2.82]		0.90 222 L00 -2.39[-21.14,19.36]	6.21 2323.00 -8.69(-26.29,3.00)
EXPGRP TEXTWhiteV Production-branesuppliesV Recessarie/Chinese	0.45 2221.00 0.87[-99.28,12.02]		6.83.2324.00 -0.15[-20.64,20.34]	0.24 2223.00 6.97[-16.16,12.64]	0.14 2224.00 -5.67[-17.26(6.06]		0.81 222 L00 -0.15[-21.64,21.34]	6.15.2023.00 -5.55[-17.10,6.00]
EXPCEP-TEXTWhiteV.Productiol/opaperV.RacramedChinese	0.88 2221.00 7.12[-1.19,18.42]		639 232 L00 -11.37[-33.17,16.20]	0.86 2223.00 7.86[-3.27,18.18]	0.31 2221.00 3.66[-8.23,15.55]		0.99 2224.00 -11.32[-33.17,10.43]	635 2023 00 501 -6.71,16.73
EXPGEP-TEXTWhiteV.ProductiquettevV.Racensuefladian	0.22.232±00 -7.42(-38.38,3.33)		6.31 2324.00 -4.00[-25.12,16.16] -0.42 18.53 6.67 2324.00	0.36 2223.00 -7.11[-17.79(3.57]	0.55 2324.00 -4.79[-16.10;6.54]		0.31 2224.00 -4.48[-25.12,16.16]	6.00 2023.00 -4.26(-15.41,6.60)
EXPGEP_TEXTWisteV_Production/encouppinsV_Recommelledies	623.5.08 623.5.09 621.5.02 63.22.00 63.		-0.41 19.51 0.67 2324.00 -5.89[-26.47,14.70]	0.96 2123.00 7.96[-3.27,36.19] 3.39 3.72 0.36 2123.00 -7.11[-1279.3.37] -1.39 5.35 0.19 2123.00 -7.36[-17.81,3.45] -1.39 5.22 0.19 2123.00	-0.81 5.77 0.41 2324.00 -11.26[-22.53,0.64]+		-0.43 39.33 0.67 2324.00 -3.69[-26.47,14.79]	-0.75 5.89 0.85 2023:00 -10.72[-21.82;0.39]+
$EXPCRP_{s}TEXTWhiteV_{s}Posite tital et paper V_{s}Race named taken \\$	-1.38 5.26 0.17 2324.00 1.54[-9.34,12.42]		-0.56 10.50 0.58 2324.00 -13.74[-34.62,7.15]		-1.96 5.75 0.65 2321.00 -0.19(-11.64,11.26)		-0.56 2030 0.58 2324.00 -13.74[-3442,7.15]	-1.89 5.66 6:06 2023:00 1.13(-10.15,12.41)
EXTEST TEXT Where primare increases recommendation EXTEST TEXT Where V primare the large V flores more challen V proceedings to be desired V primare large extent V flores and Clark V proceedings to be desired V primare large extent V flores and Clark V proceedings to the large v primare large extensive V primare and the large extensive V primare v pr	6:28 5:35 6:79 2324.00 3:79(-8:39,36:38)		-1.29 18.65 6:20 2324.00 12:96[-11.65,37.57]	9.43.5.51 0.87.2223.00 2.90(-9.90,35.40)	-0.02 5.84 0.97 2324.00 6.73[-6.73,20.18]		-1.29 20.65 0.29 2324.00 12.96[-11.65,37.57]	0.20 5.75 0.84 2023.00 5.20[-7.85,18.65]
$\label{thm:contaction} V.Pronstation Defension V.Pronstation devantage plan V.Roomanne filleds$	0.56 2324 00 -7.00(-20.20,6.20)		1.60 12.55 6.30 2321.00 6.00[-25.31,25.14]	0.22.5.51 0.87 202100 2.00[-9.80,25.60] 0.25-6.28 0.65 202100 -7.00[-20.16,6.00] -1.00 6.08 0.29 202100 0.81 6.33 0.29 202100 646[-8.25,17.62]	0.59.6.96 0.33.2221.00 1.53[-12.37,15.42]		1.03 12.55 0.30 2224.00 0.00[-25.31,25.44]	0.82 6.76 6.82 2323.00 1.35[-12.33,15.00]
V Promotein in Montes V Production becoming the V Borneau Ellie k V Promotein in Montes V Production by april V Borneau Ellie k V Promotein in Montes V Production by april V Borneau Ellie k V Promotein in Montes V Production by Elevanous Chinese	-1.04 6.73 0.30 2324.00 5.86(-7.03,18.78)		0.00 12.91 1.00 2021.00 6.00(-18.79,30.96)	-1.06 6.68 0.29 2223.60 5.49(-7.33,18.36)	0.22 7.08 0.83 2221.00 6.42[-7.16,19.00]		0.00 12.94 1.00 2324.00 6.04(-18.79,30.94)	0.19 6.59 6.95 2322.00 5.83[-7.55,19.20]
V. Promotation Delevator V. Producting article V. Raceau and Chiane	6.89 6.38 0.37 2324.00 4.15[-8.92,17.22]		0.48 12.69 0.63 2324.00 -7.66[-33.09,17.72]	0.84 6.53 0.40 2223.60 4.64[-8.25,37.62]	0.90 4.92 0.35 2321.00 -2.36(-14.11,11.35)		0.29 12.69 0.62 2324.00 -7.66(-23.69,17.77)	0.85 6.82 6.39 2323.00 -1.66[-15.17,11.96]
V.PromisticaDelessionV.ProducthoolsearrapaliteV.RecessorEdisors	0.52 0.67 0.53 2321.00 3.86(-9.02.36.75)		-0.39 12.90 0.55 232.00 2.30[-22.70.27.37]	0.462 -0.33,37.62 0.70-6.62 0.48 2222.60 0.37 -0.04,36.54 0.37 6.32 0.37 2223.60	-0.31 7.00 0.73 2321.00 -1.10(-14.63.12.44)		-0.59 12.97 0.55 2324.00 2.82[-22.70.27.07]	-0.21 6.90 6.81 2323.00 -1.30[-14.65.12.05]
V. Protestation Defension V. Production between V. Star manus Chinese	6.59 6.37 6.56 2324.00 12.62[-0.07.25.32]-		0.38 12.77 0.80 2324.00 -1.86[-28.16,21.24]	0.57 6.52 0.37 2223.00 12.84)0.31.25.52**	-0.16 6.90 0.87 2321.00 7.00(-6.23.20.34		6.18.12.77 6.85.2324.00 -3.86(-28.36.21.24)	-0.29 6.80 6.85 2323.00 7.53[-5.82.26.65]
V.ProntationDefensionV.Productionertte/V.Reconnectedian	1.95 6.47 0.05 2324.00 -2.50 - 16.06.35 W		-0.27 12.68 6.79 2324.00 4.63 -28.94.29.44	2.01 6.43 0.64 2323.00 -2.25 - 26.30.3 wil	1.02 6.80 0.30 222 60 -0.16 - 13.92 17 ***		-0.27 12.60 0.79 2224.00 4.60 - 20.94.29 ***	1.12 6.79 6.26 2023.00 -0.50 -14.13.13.44
V Denotrical Maria V Designation of the State of the Stat	-0.41 6.70 0.66 2324.00		0.31 12.95 6.73 2324.00	-9.29 6.65 0.63 2223.00	-0.00 7.05 0.99 2224.00		631 12.95 631 12.95 631 2221.00 -3.05(-29.17.31.81)	-0.07 6.54 6.94 2023.00
V Desertation Defended V Deservation and V Deservation in	-1.38 674 0.17 2324.00		-0.28 13.00 6.78 2324.00	-1.36 6.09 0.17 2223.00	-8.06 7.05 0.99 2231.05 -8.07 -2231.3 30] -1.21 7.09 0.31 2221.00 0.31 -1272.13 40] 0.11 7.00 0.89 2221.00 -3.37 -28.00,12.80] -3.41 8.39 0.67 2221.00		-0.28 13.00 0.79 2324.00	-1.20 6.38 6.23 2323.00
V. Promatical Messier V. Productiolopuse V. Raemanelladan EXPGP_TEXTWisteV. Promatation Defensive V. Productiognettes V. Raemanellilada	1.19 6.65 0.21 2321.00		-0.11 12.87 6.91 2324.00	1.21 6.61 0.21 2223.00	0.147.00 0.89.202400		-0.11 12.87 0.90 2324.00	0.34 6.89 6.87 2023-00
narvar a CCT White Commission Delenter Conducting setting Commission Rich	-1.82[-17.46,13.77] -6.23.7.96 0.82.2321.00		-0.83 15.34 -0.83 15.34 0.41 2324.00	-1.00[-16.51,14.50] -0.13 7.50 0.90 2223.00	-2.57 - 28.00,12.93 -0.42.8.38 0.67.2322.00		-12.76[-22.84,17.32] -6.83.15.34 0.41.2324.00	-2.26[-18.56,13.90] -0.28.8.25 6.78.2323.00
EXPLICETION White? Presentation Defensive? Production deares applied. Recommedition	239[-1349,18.09] 6:27 8.30 6:79 2321.00		0.28 13.59 0.28 2324.00	2.01[-13.77,17.78] 0.25.8.05 0.80.2223.00	-2.29(-19.00,14.43) -0.27.8.53 0.79.2324.00		6.28 13.38 6.28 23.38 6.79 2324.00	-2.39[-18.85,14.09] -0.28.8.40 6.78.2323.00
EXPURITEXTWhite! PrevatationDefensive! Productioletyopes! Recommelification	-7.73[-28.39,7.90] -6.97.7.99 0.33.2324.00		-9.92[-49.12,29.26] -0.65.15.49 6.52.232.149	-7.09[-22.61,8.36] -0.89.7.92 0.37.2323.00	-1.70[-18.18,14.77] -0.20 8.40 0.81.2321.00		-9.50[-20.12,30.26] -0.65.15.20 0.32.2324.00	-0.66[-26.89,15.56] -0.68.8.28 6.91.2323.00
$\begin{split} & SXYCEP_sTEXTWhiteV_Percent at ion DefensiveV_Perchetrique et a V_RecensureExiscere\\ & EXYCEP_sTEXTWhiteV_Percent at ion DefensiveV_Perchetrics become applied V_RecensureExiscere\\ & SXYCEP_sTEXTWhiteV_Percent at ion DefensiveV_Perchetrics become applied V_RecensureExiscere because the property of th$	-6.5(-20.32,11.35) -6.55.835 0.58.2324.00		7.91[-22.79,38.66] 0.31.15.65 0.61.2324.00	-4.94[-29.42,16.73] -9.62.7.99 0.34.2323.00	6.76[-9.82,23.34] 0.80.8.25 0.42,2321.00		7.90[-22.79,39.60] 0.51 15.65 0.61 2221.00	6.03[-10.32,22.37] 0.72.8.31 0.87.2323.00
$EXPGEP_TEXTWhiteV_PowertationDelessionV_Production-beaverappliesV_RecommedChinese$	-7.17[-22.94,8.56] -6.99.8.02 0.37.2324.00		8.23[-22.35,38.96] 0.32.15.59 0.60.2321.00	-7.75[-23.35,7.96] -4.50 7.50 0.33 2323.60	5.64[-16.88,22.17] 0.67.8.43 0.50.2224.00		8.22[-22.35,38.80] 0.53.15.30 0.60.2221.00	4.86[-11.44,21.13] 0.38.8.32 0.56.2323.00
${\tt EXPGRP_TEXTWhiteV.PowerstationDefensiveV.ProductfolkspaperV.RaceassetChinese$	-13.75[-29.24,1.74]+ -1.74.7:90 0.09.2324.00		12:27[-17:88,42:41] 0:80 15:37 0:82 2324.60	-11.6([-20.82,0.75]+ -1.82 7.84 0.86 2223.80	-2.07[-19.31,13.26] -0.37 8.30 0.71 2321.00		12.27[-17.88,42.41] 6.80 13.37 6.82 2224.00	-4.54[-20.58,11.50] -0.56 8.18 0.58 2322.00
EXPGEP.TEXTWhiteV. Presentation Defender V. Producted particle V. Raceman effection	-0.00 k/02 0.37 2224.00 -11.79[-29.24].74[+ -1.74 7.00 0.09 2224.00 10.22[-5.30,26.17] 1.26 k.13 0.32 2224.00 11.17[-1.18].74.00		-2.8(-33.24,28.25) -0.36.15.79 6.86.279.100	0.06 2223.00 10.39(-5.44,26.21) 1.29 8.07 0.20 2223.00	0.71 222100 5.16[-11.66;21.82] 0.60 8.55 0.35 222100		-2.8(-33.21,28.32) -0.16.15.20 0.86.2751.00	5.34[-11.17,21.80] 0.618.42 6.53.2001.00
EXPGEP.TEXTWhiteV. Preventation Defension V. Producther denomagnitus V. Raccannell adian	0.21 222200 11.17[-4.74,27.07] 1.28 8.11		14.71[-15.95,45.38] 0.94.15.61	0.20 222100 10.22[-5.57,26.62] 1.27 8.06	16.62[-0.06,33.40]+ 1.95.8.53		14.71[-15.95,45.26] 6:91.15.61	15.37[-1.11,31.86]+ 1.82.8.41
$EXPGEP_{s}TEXTWhiteV_{s}Power taking DefensionV_{s}Production by paperV_{s}Parameter data. \\$	0.87[-14.90,16.62] 0.87[-14.90,16.62]		16 70[-19 76,41.96] 0.69 15 53	6.17[-15.29,15.80] 6.027.99	5.77[-16.82,22.35] 0.68.8.26		18.76[-19.79,42.36] 6.69.33.32	449(-1145,2140) 0.34 8.33
$MWPo_{\theta}Post$	v.m. 2221.00	0.00(0.010.01)***	ear 20180	286 0 01 0 00[0 0 0 00]****	0.00 ZD100	0.08(0.06,0.16)*** 9.20 0.60	v. at 2024/00	0.10[0.07,0.12]*** 8.61 0.00
SD (Intercept ID) SD (Observations)	2.80 11.08	2.97 11.08	0.00 25.93	2.77 11.00	3.19 11.61	3.15 11.54	0.00 21.92	3.00 11.46
Num. Olis. B2 Marg. B2 Cont.	2265 6927 6364 18296.7 18227.1 0.1 2084	2296 0.005 0.001 18.281.7 18.304.8 0.1 10.76	2005 0.229	2205 0.061 0.117 0.127 0.128.8 0.1718.0 6.1 10.56	2265 0.006 0.101 18565.3 18675.7 6.1 11.10	2296 0.027 0.092 18476.9 19-796.0 0.1 11.34	2295 6:229	200 0.005 0.125 18300.2 18307.4 0.1 10.39
Num Gles. 82 Mary. 82 Cond. A6C A6C A6C A6C A6C A6C	18336.7 18737.1 0.1	18.491.7 18.514.8 6.1	21.0%3 21.7%8	18301.8 18718.0 0.1	18363.3 18923.7 6.1	18476.9 18700.0 0.1	21 279.3 21 280.8	18305.2 18917.4 0.1
p.value, di more	90.64	1676	25.61	10.56	15.30	11.16	25.65	10.00
p.vaber, dierese 1, shl.ems Relamate [67]Cmdfatoval]								

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