### **Response CaseIncreaseLog**

### **Singularity Details**

**Term**GathRecomAny = 0
Quarantine = 0

OtherBusinessClose =RestaurantRestrict

NEBusinessClose =StayAtHome=StayAtHomeMandate

#### **Effect Summary**

Source	LogWorth		PValue
GathRestrict10	4.054	C	0.00009
PublicMask	1.373		0.04236
SchoolClose	1.275		0.05304
EmergDec	0.879		0.13208
GathRestrictAny	0.141		).72290
StayAtHomeMandate			
StayAtHome			
RestaurantRestrict			
Quarantine			
OtherBusinessClose			
NEBusinessClose			
GathRecomAny			

#### **Lack Of Fit**

		Sum of		
Source	DF	Squares	Mean Square	F Ratio
Lack Of Fit	3	79.54242	26.5141	62.6321
Pure Error	91	38.52314	0.4233	Prob > F
<b>Total Error</b>	94	118.06555		<.0001*

**Max RSq** 0.8859

#### **Summary of Fit**

RSquare 0.650303
RSquare Adj 0.624262
Root Mean Square Error 1.120721
Mean of Response 7.429882
Observations (or Sum Wgts) 102

#### **Analysis of Variance**

		Sum of		
Source	DF	Squares	Mean Square	F Ratio
Model	7	219.55696	31.3653	24.9720
Error	94	118.06555	1.2560	Prob > F
C. Total	101	337.62251		<.0001*

# Response CaseIncreaseLog

Parameter Estimates								
Term		Estimate	Std Error	t Ratio	Prob> t	VIF		
Intercept		4.3480472	0.376084	11.56	<.0001*			
EmergDec		0.7157663	0.471158	1.52	0.1321	1.8713781		
GathRecomAny	Zeroed	0	0			0		
GathRestrict10		1.4444306	0.352435	4.10	<.0001*	1.6491749		
GathRestrictAny		-0.241065	0.677807	-0.36	0.7229	6.7130934		
NEBusinessClose	Biased	0.9344882	0.597226	1.56	0.1210	6.4367979		
OtherBusinessClose	Biased	0.8955439	0.970573	0.92	0.3585	15.235294		
PublicMask		-0.555612	0.269974	-2.06	0.0424*	1.4797565		
Quarantine	Zeroed	0	0			0		
RestaurantRestrict	Zeroed	0	0			0		
SchoolClose		1.9016536	0.970573	1.96	0.0530	15.882353		
StayAtHome	Zeroed	0	0			0		
Stay At Home Mandate	Zeroed	0	0			0		

## **Effect Tests**

			Sum of			
Source	Nparm	DF	Squares	F Ratio	Prob > F	
EmergDec	1	1	2.898709	2.3079	0.1321	
GathRecomAny	1	0	0.000000		•	LostDFs
GathRestrict10	1	1	21.097490	16.7971	<.0001*	
GathRestrictAny	1	1	0.158874	0.1265	0.7229	
NEBusinessClose	1	0	0.000000		•	LostDFs
OtherBusinessClose	1	0	0.000000		•	LostDFs
PublicMask	1	1	5.319783	4.2354	0.0424*	
Quarantine	1	0	0.000000		•	LostDFs
RestaurantRestrict	1	0	0.000000		•	LostDFs
SchoolClose	1	1	4.821715	3.8389	0.0530	
StayAtHome	1	0	0.000000			LostDFs
StayAtHomeMandate	1	0	0.000000			LostDFs

# Response CaseIncreaseLog

## **Correlation of Estimates**

Corr

	Intercept EmergDec GathRecomAny GathRestrict10 GathRestrictAny NEBusinessClose OtherBusines							
Intercept	1.0000	-0.6152	0.0000	-0.4980	-0.1272	0.0016	(	
EmergDec	-0.6152	1.0000	0.0000	0.0970	-0.3538	0.0608	(	
GathRecomAny	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	(	
GathRestrict10	-0.4980	0.0970	0.0000	1.0000	0.2089	0.0527	-(	
GathRestrictAny	-0.1272	-0.3538	0.0000	0.2089	1.0000	-0.0431	-(	
NEBusinessClose	0.0016	0.0608	0.0000	0.0527	-0.0431	1.0000	(	
OtherBusinessClose	0.0000	0.0000	0.0000	-0.0000	-0.4773	0.0000	•	
PublicMask	0.1025	-0.2388	0.0000	-0.4064	0.1091	-0.2545	(	
Quarantine	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	(	
RestaurantRestrict	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	(	
SchoolClose	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.5417	-(	
StayAtHome	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	(	
StayAtHomeMandate	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	(	

sClose Pu	ublicMask Q	uarantine Re	staurantRestrict S	choolClose S	tayAtHome StayA	AtHomeMandate
0.0000	0.1025	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-0.2388	0.0000	0.0000	-0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-0.4064	0.0000	0.0000	0.0000	0.0000	0.0000
0.4773	0.1091	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-0.2545	0.0000	0.0000	-0.5417	0.0000	0.0000
1.0000	0.0000	0.0000	0.0000	-0.6667	0.0000	0.0000
0.0000	1.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
0.6667	-0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000