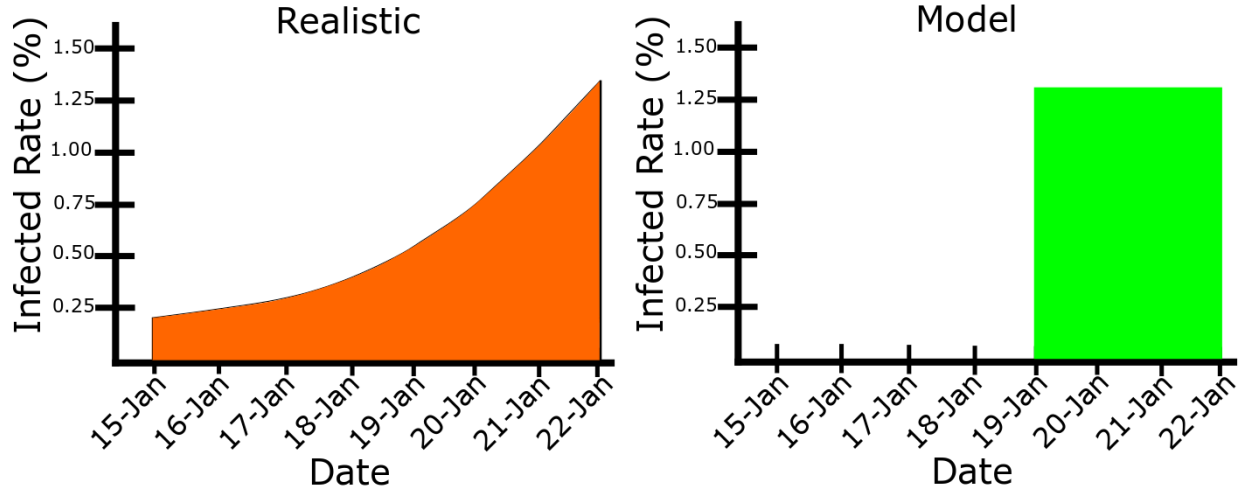


## Wuhan Estimated Infected



**Fig S1. Realistic vs Model of Wuhan Estimated Infection.** To approximate the infected rate, we used the model scenario in our calculations to simplify our estimation of the infected rate. The realistic scenario is only a representation and not a precise depiction of the COVID-19 infected rate in Wuhan.

Country	Patient Number	Flight Date	Confirmation Date	References
Japan	1	1/6/2020	1/15/2020	1
Japan	2	1/19/2020	1/24/2020	2
Japan	3	1/18/2020	1/25/2020	3
Japan	4	1/22/2020	1/26/2020	4
Japan	5	1/20/2020	1/28/2020	5
Japan	7	1/21/2020	1/28/2020	6
Japan	10	1/13/2020	1/30/2020	7
Japan	11	1/20/2020	1/30/2020	8
Japan	12	1/22/2020	1/30/2020	9
Japan	17	1/21/2020	2/4/2020	10
Japan	19	1/22/2020	2/4/2020	11
Japan	20	1/21/2020	2/5/2020	12
Singapore	1	1/20/2020	1/23/2020	13
Singapore	2	1/21/2020	1/24/2020	14
Singapore	3	1/20/2020	1/24/2020	14
Singapore	4	1/22/2020	1/25/2020	15
Singapore	5	1/18/2020	1/27/2020	16
Singapore	6	1/19/2020	1/28/2020	17
Singapore	7	1/23/2020	1/28/2020	17
Singapore	8	1/19/2020	1/29/2020	18
Singapore	9	1/19/2020	1/29/2020	18
Singapore	10	1/20/2020	1/29/2020	18
Singapore	11	1/22/2020	1/29/2020	19
Singapore	12	1/22/2020	1/29/2020	19
Singapore	13	1/21/2020	1/30/2020	19
Singapore	14	1/26/2020	1/30/2020	20
Singapore	16	1/22/2020	1/31/2020	20
Singapore	18	1/22/2020	2/1/2020	21
Singapore	26	1/21/2020	2/4/2020	22
Korea	1	1/19/2020	1/20/2020	23
Korea	2	1/22/2020	1/24/2020	24
Korea	3	1/20/2020	1/26/2020	25
Korea	4	1/20/2020	1/27/2020	26
Korea	5	1/24/2020	1/30/2020	27
Korea	7	1/23/2020	1/31/2020	28
Korea	8	1/23/2020	1/31/2020	28
Korea	15	1/20/2020	2/2/2020	29
Korea	23	1/23/2020	2/6/2020	30
Korea	26	1/31/2020	2/9/2020	31,32
Korea	27	1/31/2020	2/9/2020	31,32

**Table S2. Exported Cases from China.** We looked at the flight dates of infected travelers from China to Japan, Singapore, and Korea before February 14<sup>th</sup>, 2020. These travelers do not include evacuees.

Country	Evacuees	Infected	1st Evacuation Date	Infected Rate	References
Singapore	266	6	1/30/2020	2.26%	33
Malaysia	107	2	2/4/2020	1.87%	34
Italy	56	1	2/3/2020	1.79%	35
Germany	124	2	1/31/2020	1.61%	36
Japan	763	9	1/29/2020	1.18%	37
UK	199	1	1/31/2020	0.50%	38
US	800	3	1/29/2020	0.38%	39
Korea	701	1	1/30/2020	0.14%	40
Australia	500	0	2/4/2020	0.00%	41
Vietnam	30	0	2/10/2020	0.00%	42
Thailand	138	0	2/1/2020	0.00%	43
India	647	0	2/1/2020	0.00%	44
Philippines	30	0	2/1/2020	0.00%	45
Canada	398	0	2/6/2020	0.00%	46
France	302	0	1/31/2020	0.00%	47
Russia	140	0	2/5/2020	0.00%	48

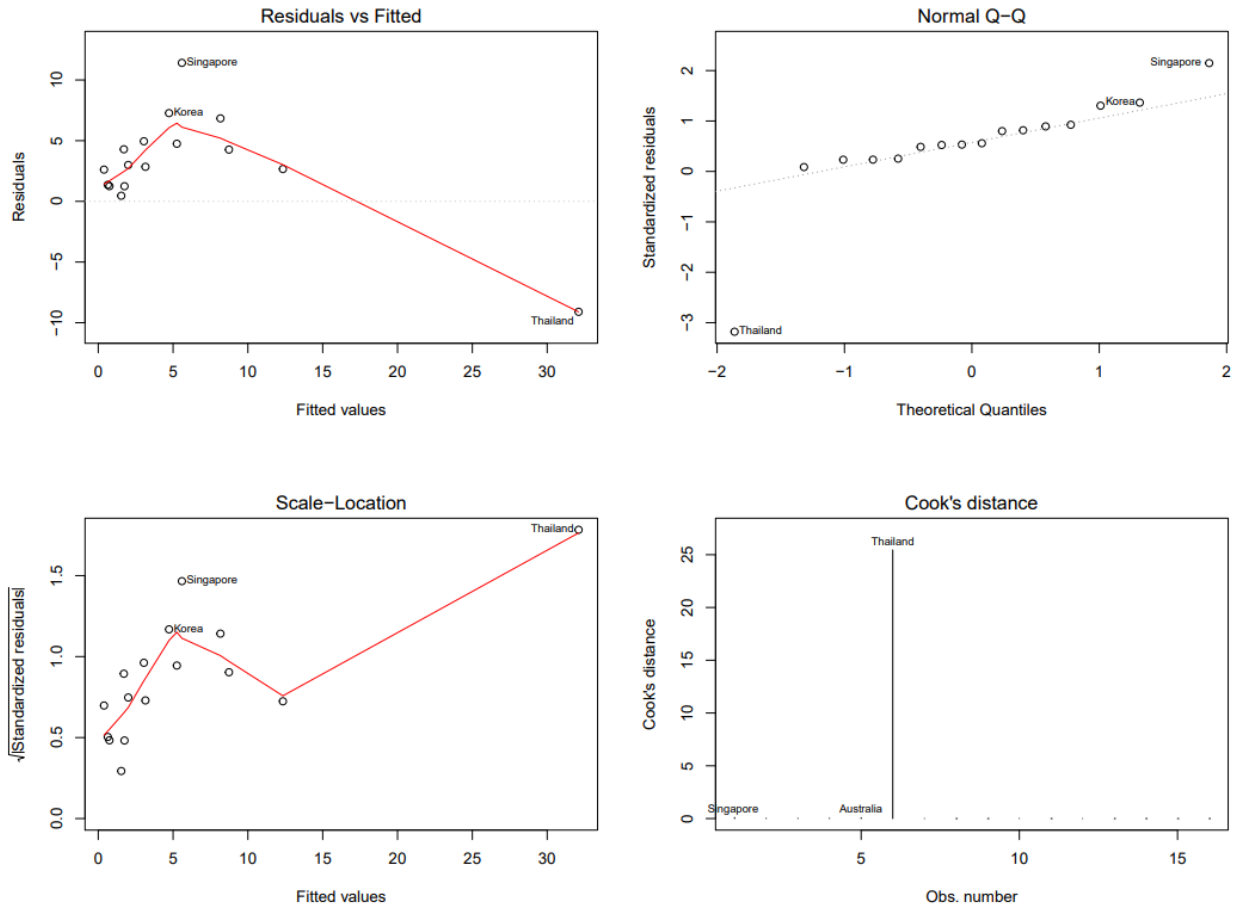
**Table S3. Evacuees from Wuhan.** We compiled the number of evacuees and the number of infected evacuees from each country.

Flight Date	Number of Evacuees	Infected	Infected Rate	References
1/29/2020	206	4	1.9%	37,49
1/30/2020	210	2	1.0%	37,50
1/31/2020	149	2	1.3%	37,51
2/7/2020	198	1	0.5%	37,52
Total	763	9	1.2%	37

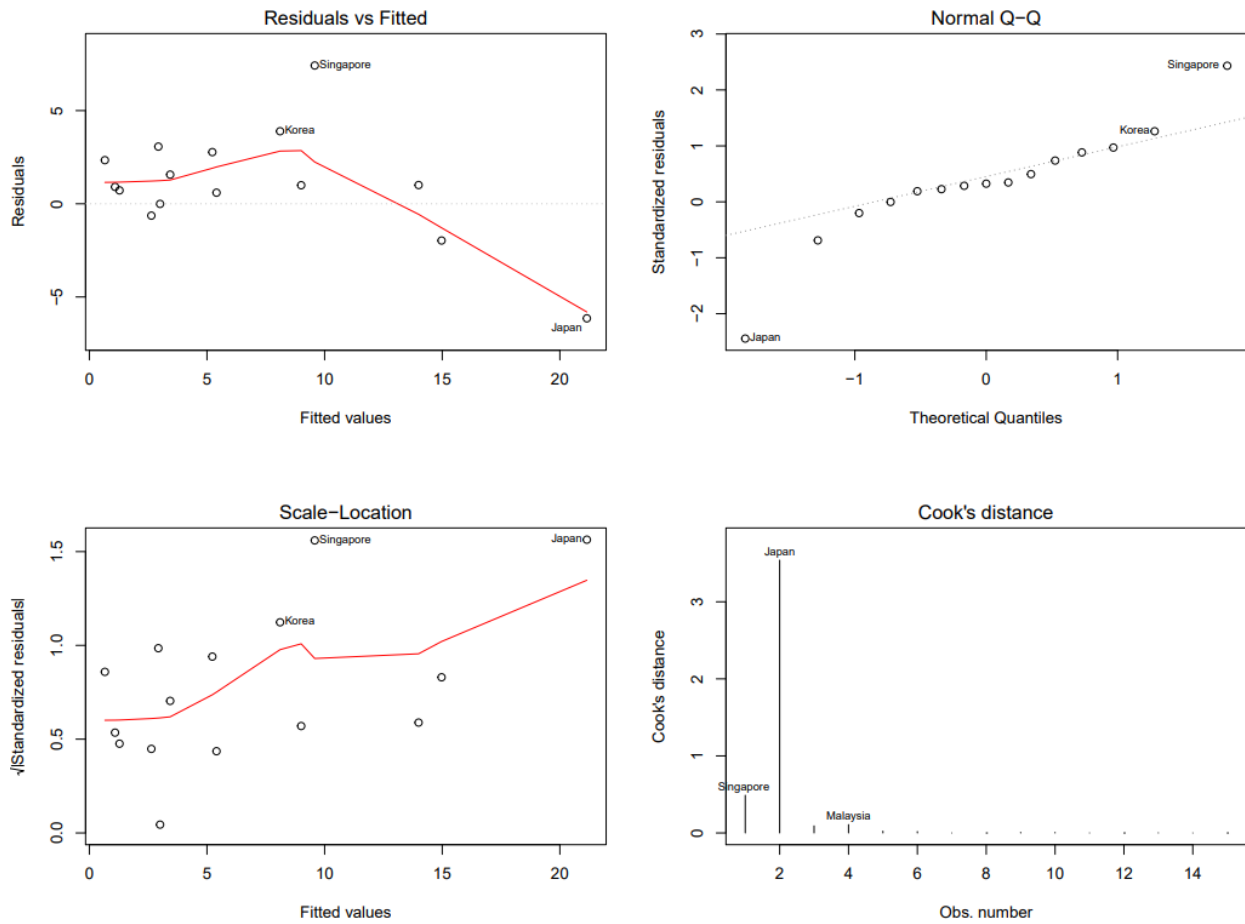
**Table S4. Japan’s Evacuations.** The first 4 evacuations to Japan were recorded with the number of evacuees and infected evacuees. Infected evacuee tested positive by RT-PCR for SARS-COV-2.

Flight Date	Number of Passengers	Infected	Infected Rate	References
1/30/2020	92	5	5.4%	53-56
2/9/2020	174	1	0.6%	57

**Table S5. Singapore Evacuations.** The first 2 evacuations to Singapore were recorded with the number of evacuees and infected evacuees. Infected evacuee tested positive by RT-PCR for SARS-COV-2.



**Fig S2. Linear Regression Plots of Infected Traveler Model Including Thailand.** To test whether our model of infected travelers fit the four assumptions of linear regression model, we generated diagnostic plots to examine the fit of the line. Thailand appeared to be a significant outlier that we eventually chose to exclude because it appears to be discordant compared to the other points.



**Fig S3. Linear Regression Plots of Infected Traveler Model Excluding Thailand.** We also generated diagnostic plots to examine the fit of the linear regression without Thailand. We found that the fit was much better although Japan and Singapore appear to still deviate from the line significantly more than other countries. However, we believe data from both countries are valuable and should be included in the model. We believe a linear model is still appropriate after the diagnostic plots as the assumptions of linear regression have not been significantly violated.

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