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**Note:**

The per-capita contact rate between any two individuals.

The per-capita rate of recovery once infectious.

1. Simple SIR Model
2. With **only 1 least square** based on Infectious cases





**Conclusion:** Not good at fitting recovered or death cases

1. With **only 2 least square** based on Infectious cases and death cases

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**Conclusion:** Not good at predicting GUI, perhaps we need SEIR

1. SEIR Model