CN Quiz 6

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- SIR model reduces to SI model when $\gamma = \boxed{0}$
- There is no epidemic in SIR model when $\beta \boxed{\leqslant} \gamma$ because $\boxed{\text{recovery (I->R) is faster than infection (S->I)}}$
- The transition between epidemic and non-epidemic regimes happen at the point $\beta \boxed{=} \gamma$ and is called as $\boxed{\text{epidemic transition}}$