average number of infecteds versus time

Legend:
- p1 =0.01 , p2 =0.00, $\beta = 0.3$
- p1 =0.03 , p2 =0.00, $\beta = 0.3$
- p1 =0.05 , p2 =0.00, $\beta = 0.3$
- p1 =0.07 , p2 =0.00, $\beta = 0.3$
- p1 =0.10 , p2 =0.00, $\beta = 0.3$
- p1 =0.15 , p2 =0.00, $\beta = 0.3$
- p1 =0.20 , p2 =0.00, $\beta = 0.3$
- p1 =0.25 , p2 =0.00, $\beta = 0.3$

x-axis: time
y-axis: I(t)