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From: [REDACTED] [REDACTED]
Sent: Wed 3/25/2020 6:05:26 PM
Subject: New paper on Shenzhen data
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[Epidemiological and clinical characteristics of COVID-19 in Shenzhen.pdf](#)

Hi all,

I just found the Shenzhen team published a new paper on medRxiv (see attached)

Some important results:

They estimated the median incubation to be 5.0 days based on 92 patient's exposure information, and estimated the mean serial interval to be 5.5 (95% CI: 4.1-7.0) days based on 28 infector-infectee pairs. (Similar to Tom Woudenberg's Bavarian data, which provided an estimated mean serial interval at around 4.8 days based on 17 infector-infectee pairs, and estimated mean incubation at around 4.4-5.0 days)

But as what we have observed in Shenzhen data, the mode of symptom onset interval in family clusters is at around 1-2 days, and [REDACTED] report of Dutch data also shows the mode of symptom onset interval is at around 2-3 days. Then it makes me wonder if such difference means there can be more pre-symptomatic transmission in family clusters than usual infector-infectee clusters? What do you think? I'm now trying to find more support in other Chinese dataset.

Wish you all in good health!

Best,

[REDACTED]