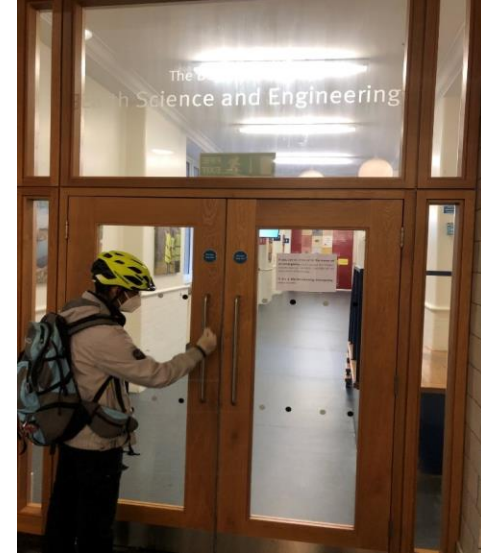


Transmission of SARS-CoV-2 in real-world settings and in experimental models

Jay, Jie Zhou

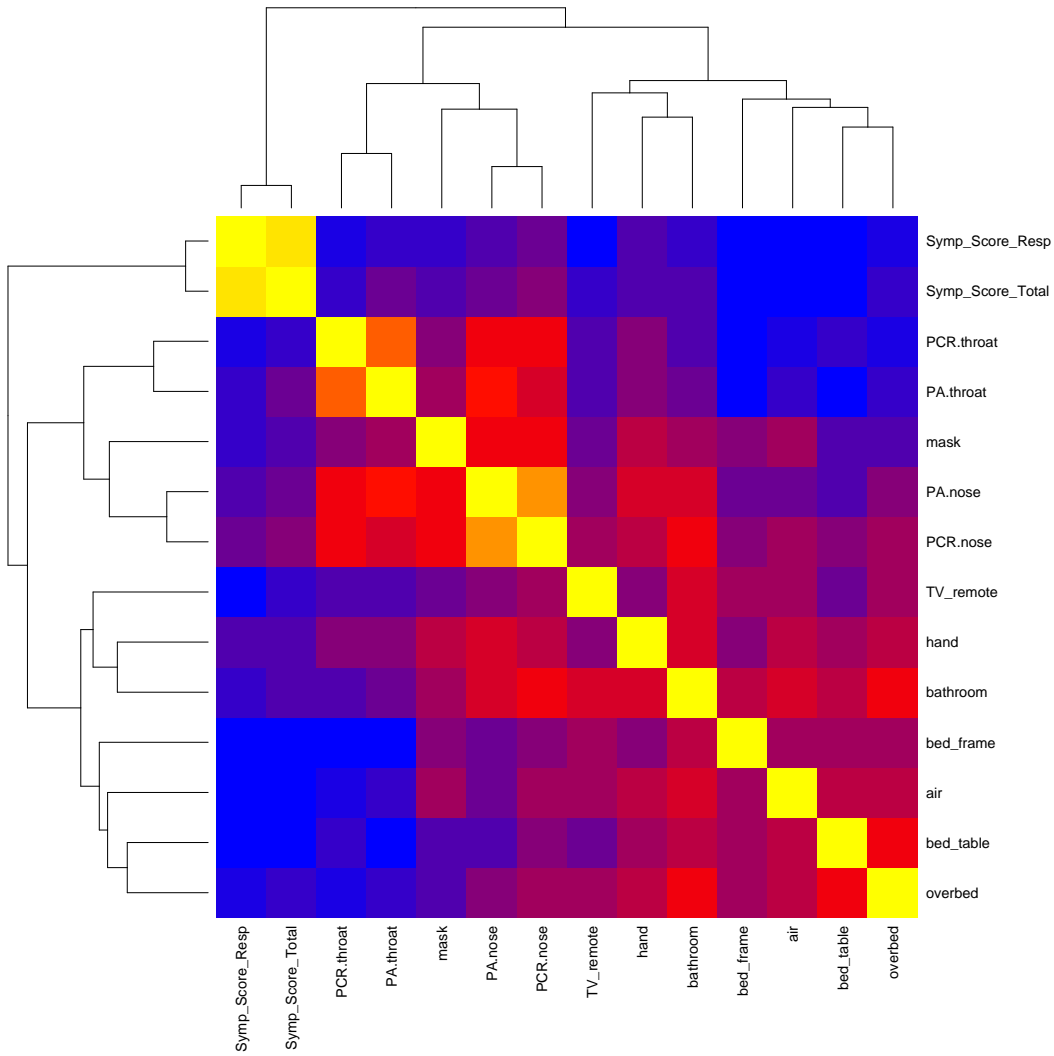
PROTECT Researcher Symposium 5-6 May 2022

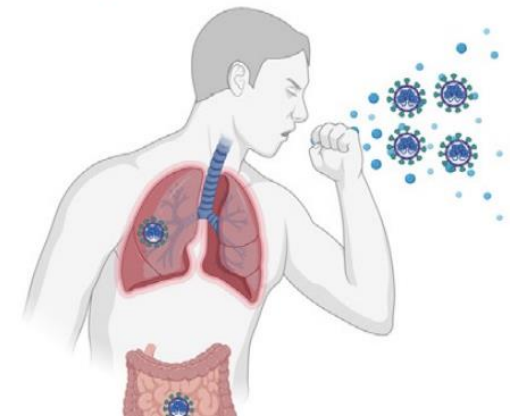
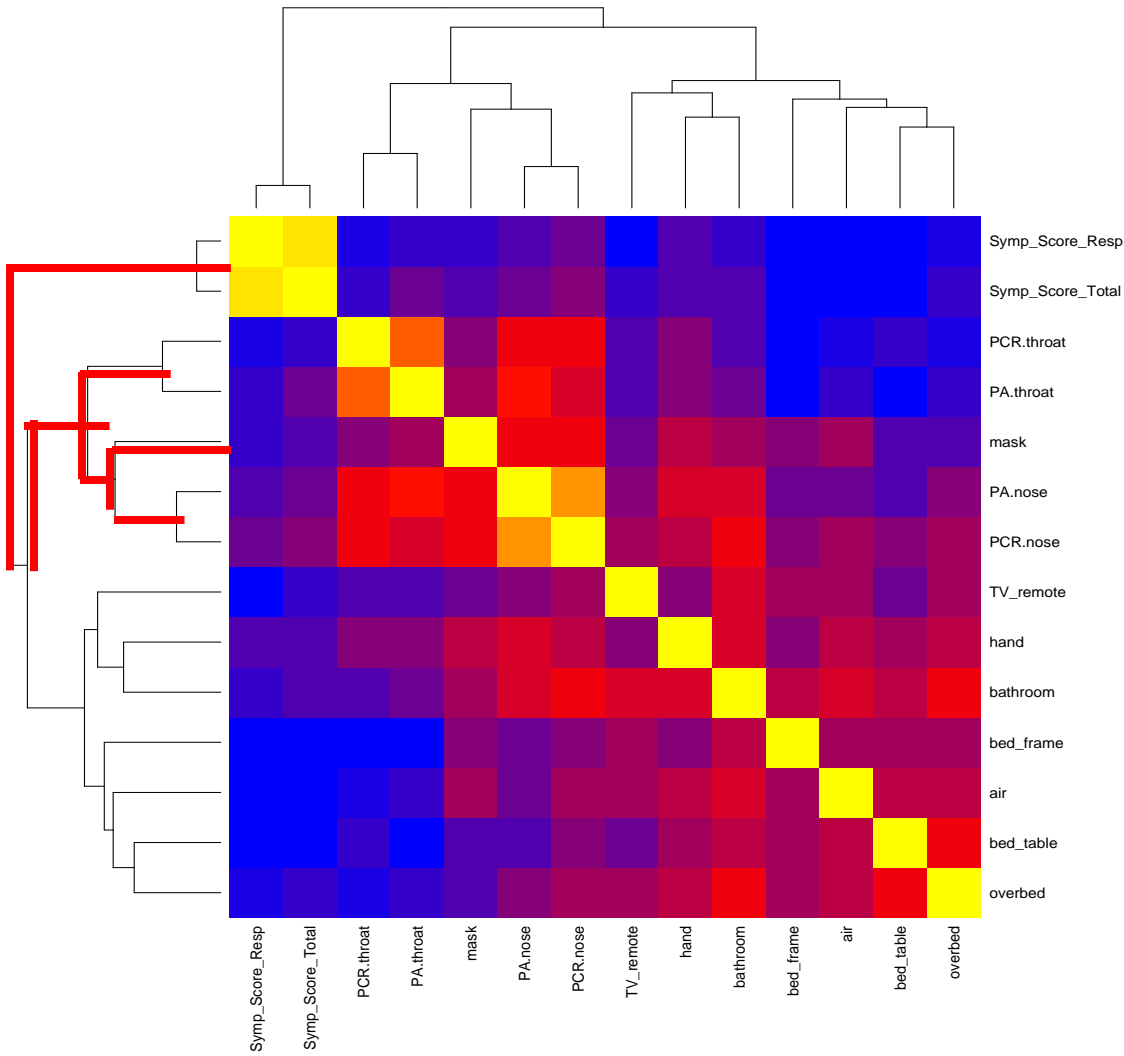


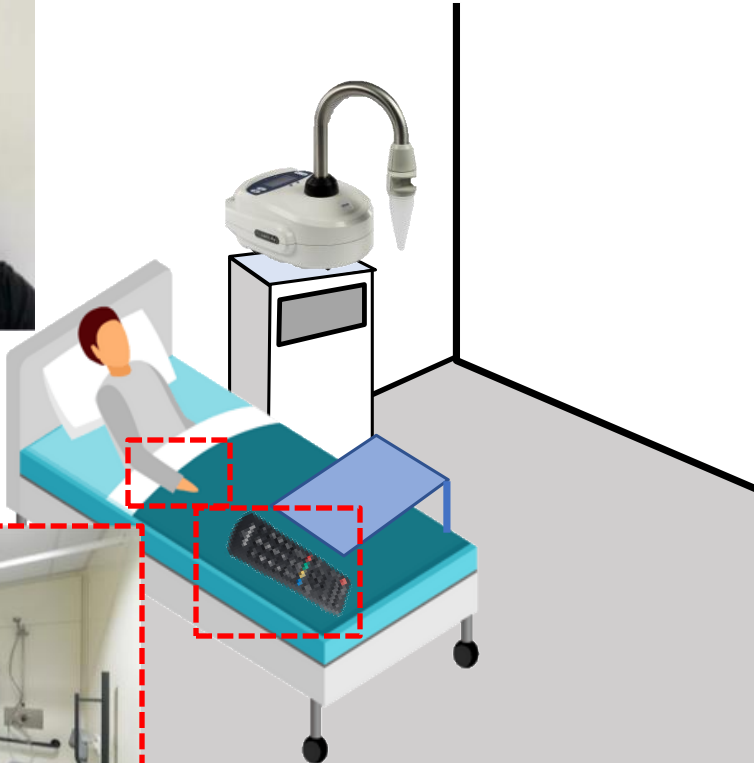
Settings	Surface	Air	
Hospital	52%	31%	St Mary's Hospital sampling study
Household (with confirmed positive cases)	22%	25%	TRACK INSTINCT & ATACCC (25% secondary attack rate)
Classroom (with confirmed pos cases)	2%	2%	TRACK
Campus (public areas)	0.01%	0%	Imperial Campus survey
TFL tube/bus	0%	0%	TFL sampling study











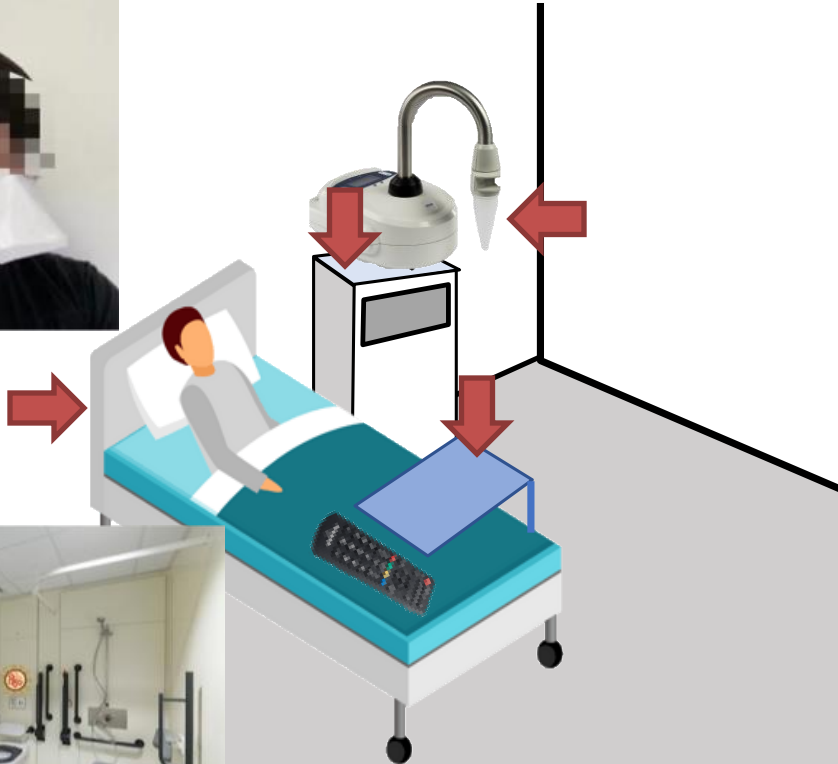
Nose



Hands



frequently touched small items



Nose



Virus-laden particle (and hands)



environmental surfaces



Imperial College London

Wendy Barclay
Ksenia Sukhova
Niluka Goonawardane
Maya Moshe
Fiachra Sweeney
Tom Peacock
Jonathan Brown
Rebecca Frise
Laury Baillon
Ruthiran Kugathasan

Chris Chiu
Anika Singanayagam

Shiranee Sriskandan

Ajit Lalvani



Ben Killingley



Mike Bauer



Sheila Casserly
Olivia Watson
Madelaine Ocampo
Gabrielle Gainsborough

BEIS/VTF

Christine Charman
Priya Mande
Kate Lindsell