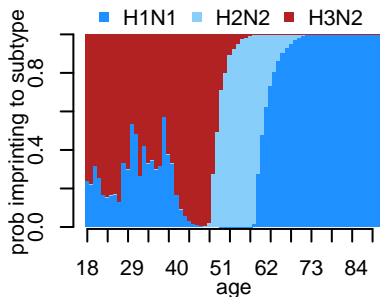
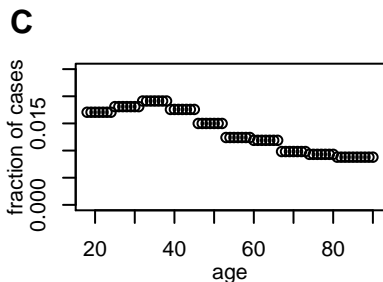


A Population-level imprinting



Hypothetical age effects

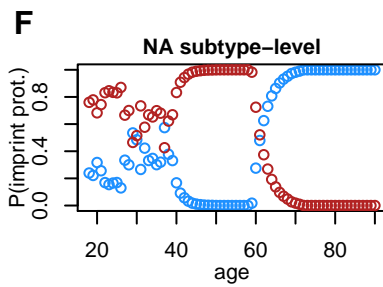
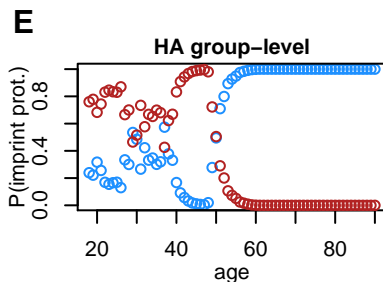
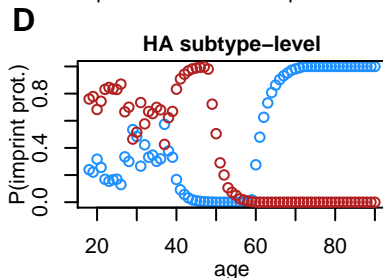


B

	H1N1 challenge			H3N2 challenge		
	H1N1 imprinted	H2N2 imprinted	H3N2 imprinted	H1N1 imprinted	H2N2 imprinted	H3N2 imprinted
HA group level	protected	protected	—	—	—	protected
HA subtype level	protected	—	—	—	—	protected
NA subtype level	protected	—	—	—	protected	protected

Imprinting effects

■ H1N1 protection ■ H3N2 protection



Hypothetical model predictions

■ H1N1 ■ H3N2

