

Analyzing the Causal Crowd Behaviors of COVID-19 and the Impact of Pandemic on Public Mental Health for Developing a Predictive Model of COVID-like-illness

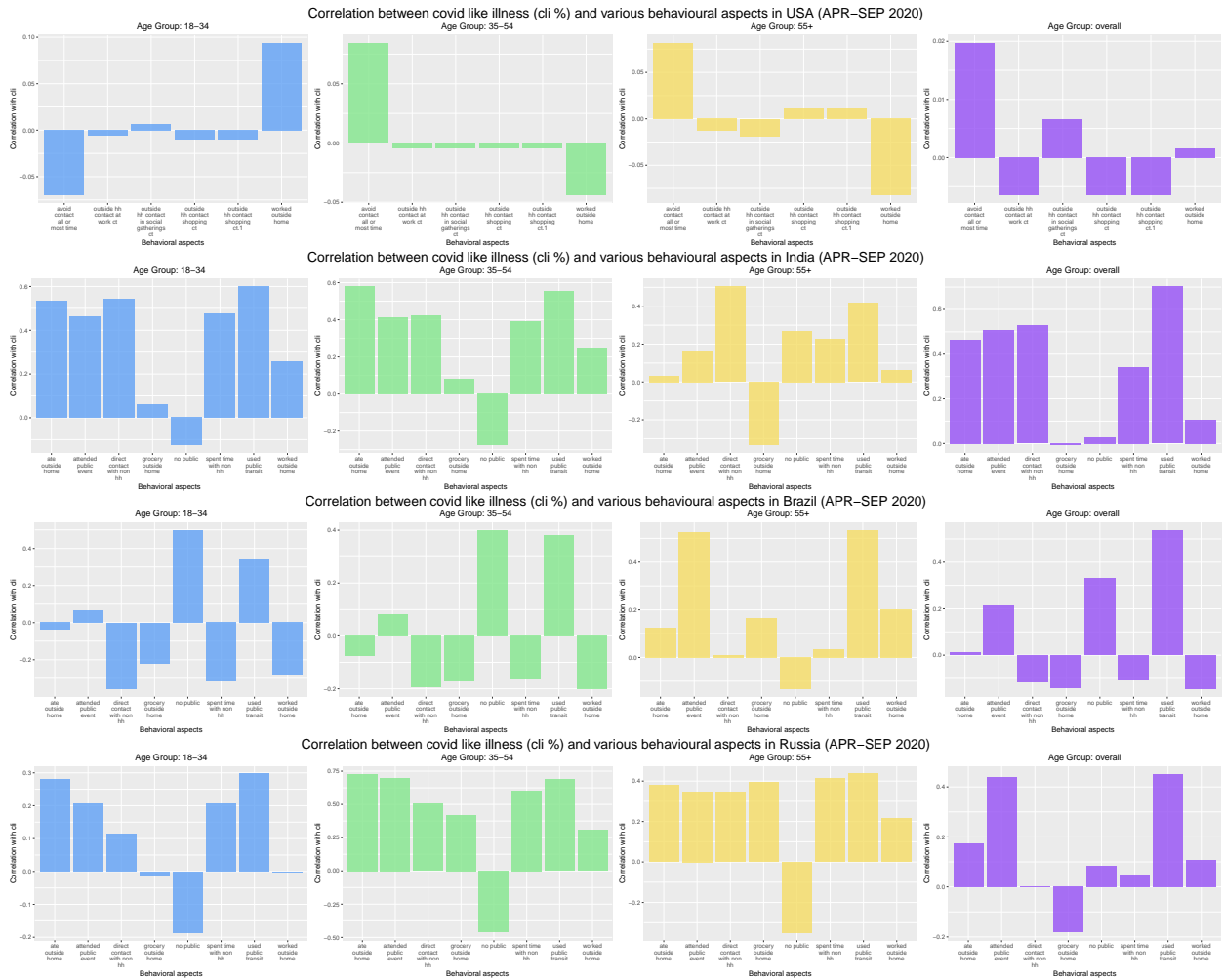


Figure 1: Correlation between covid like illness (cli %) and various behavioural aspects in countries with the highest COVID cases (APR-SEP 2020)

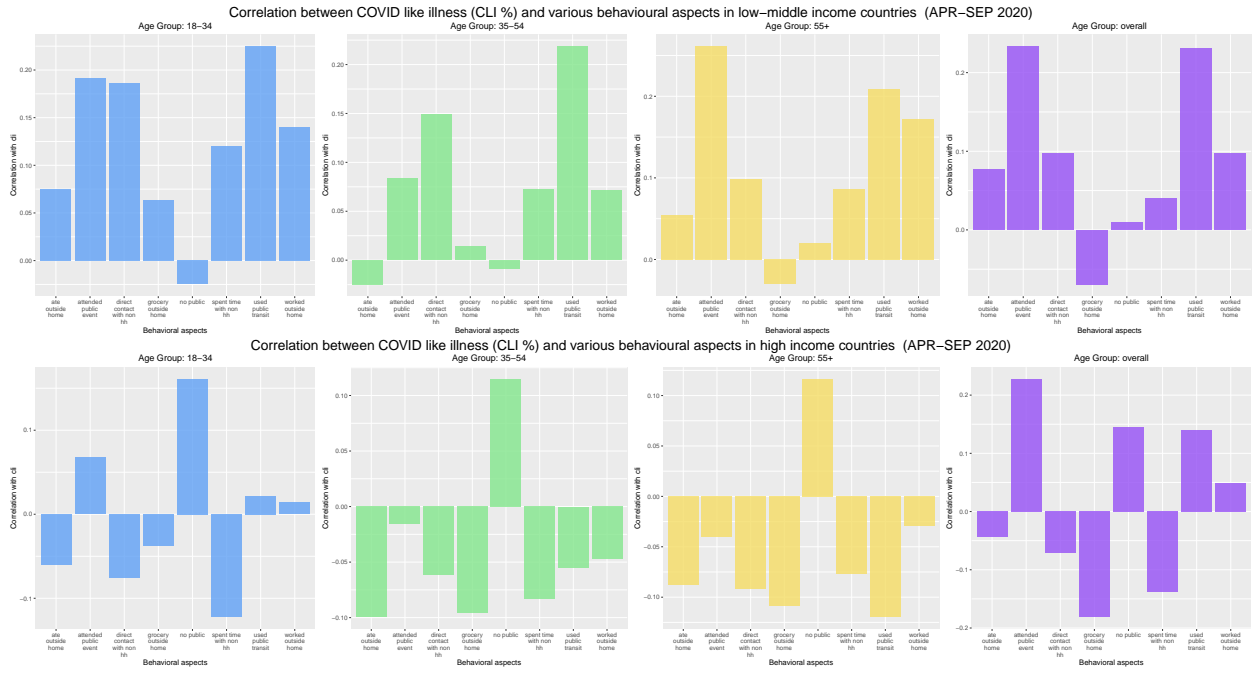


Figure 2: Correlation between COVID like illness (CLI %) and various behavioural aspects in low-middle and high income countries (APR-SEP 2020)

Correlation between covid like illness (CLI %) and various crowd behavioural aspects in different USA states (Month: APR–SEP 2020)

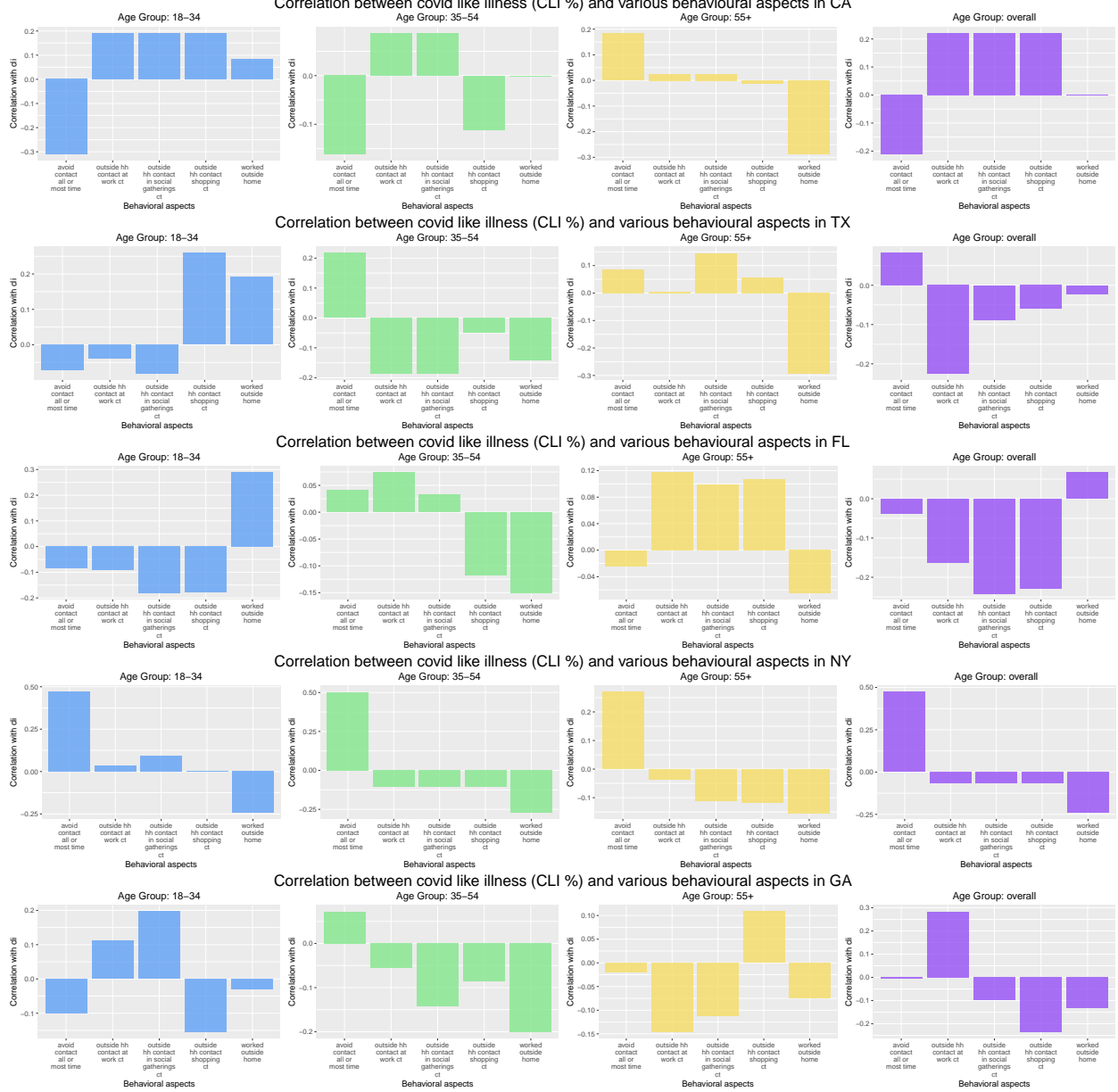


Figure 3: Correlation between covid like illness (CLI %) and various crowd behavioural aspects in different USA states (APR–SEP 2020)

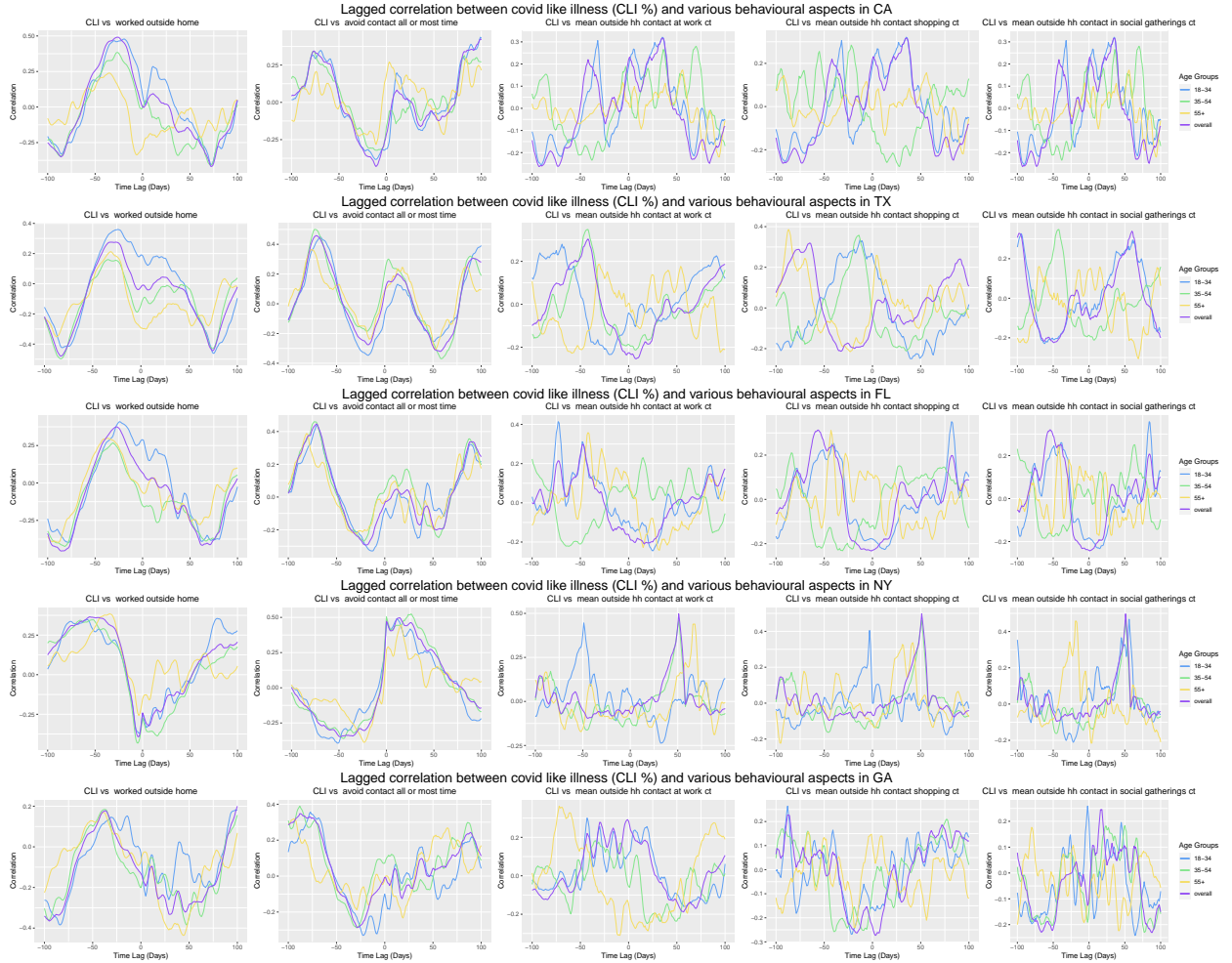


Figure 4: Lagged correlation between covid like illness (CLI %) and various crowd behavioural aspects in different USA states

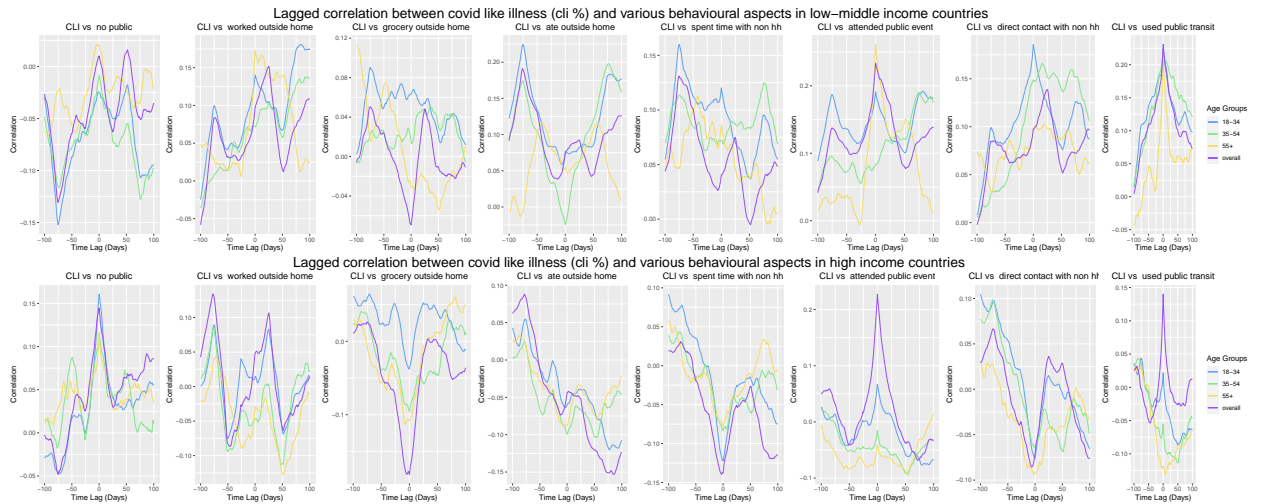


Figure 5: Lagged correlation between CLI and various behavioural aspects in low-middle and high income countries

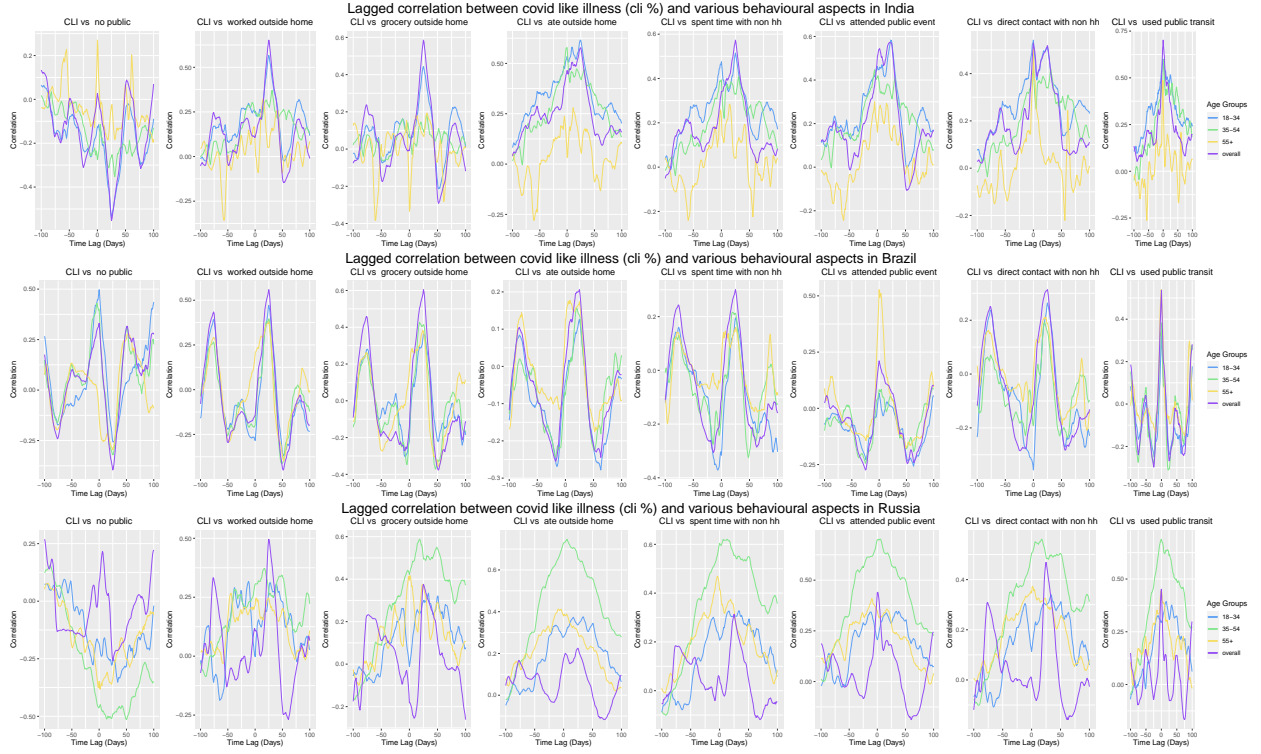
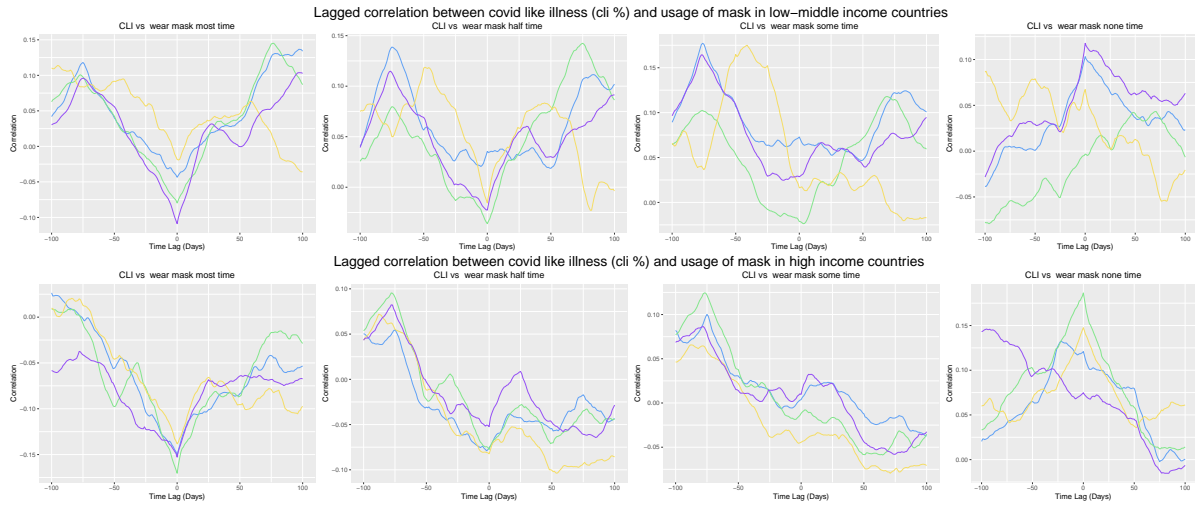


Figure 6: Lagged correlation between CLI and various behavioural aspects in countries with highest COVID cases



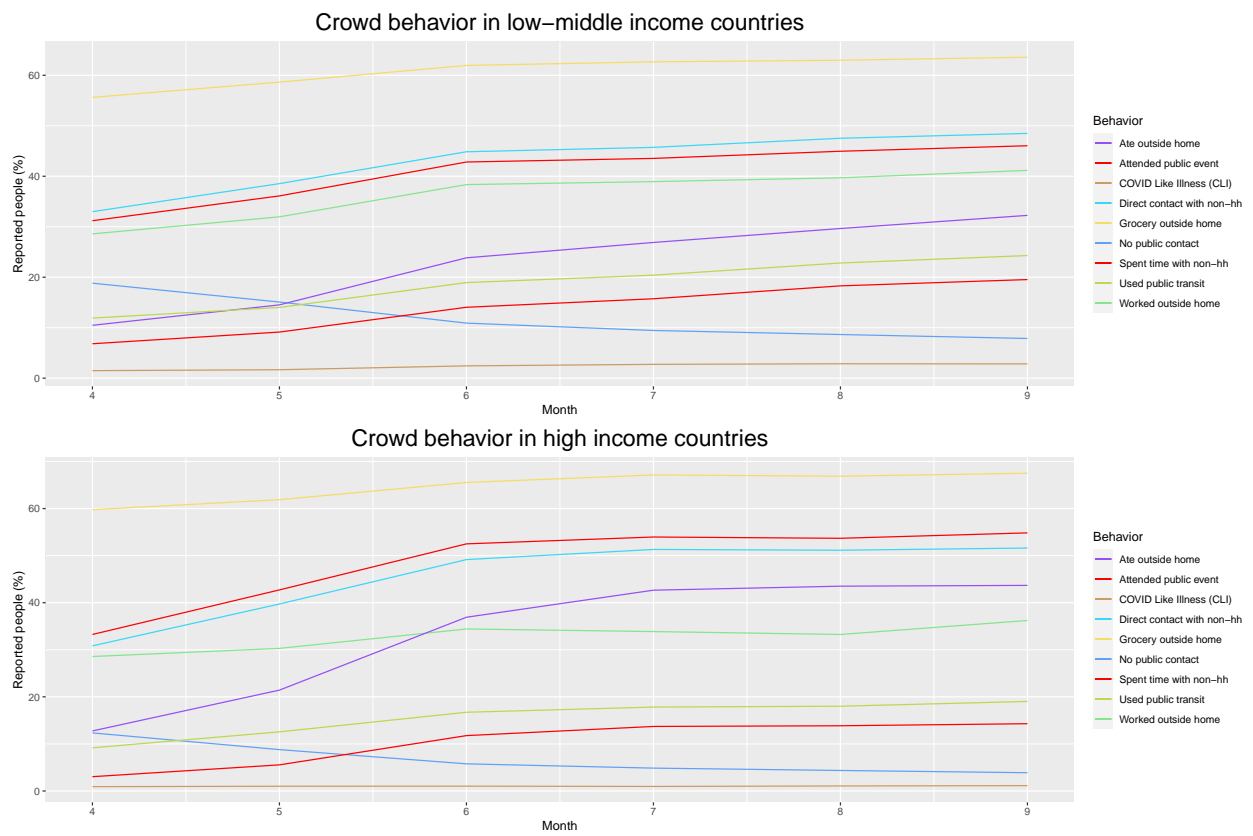


Figure 7: Crowd behavior in low-middle and high income countries

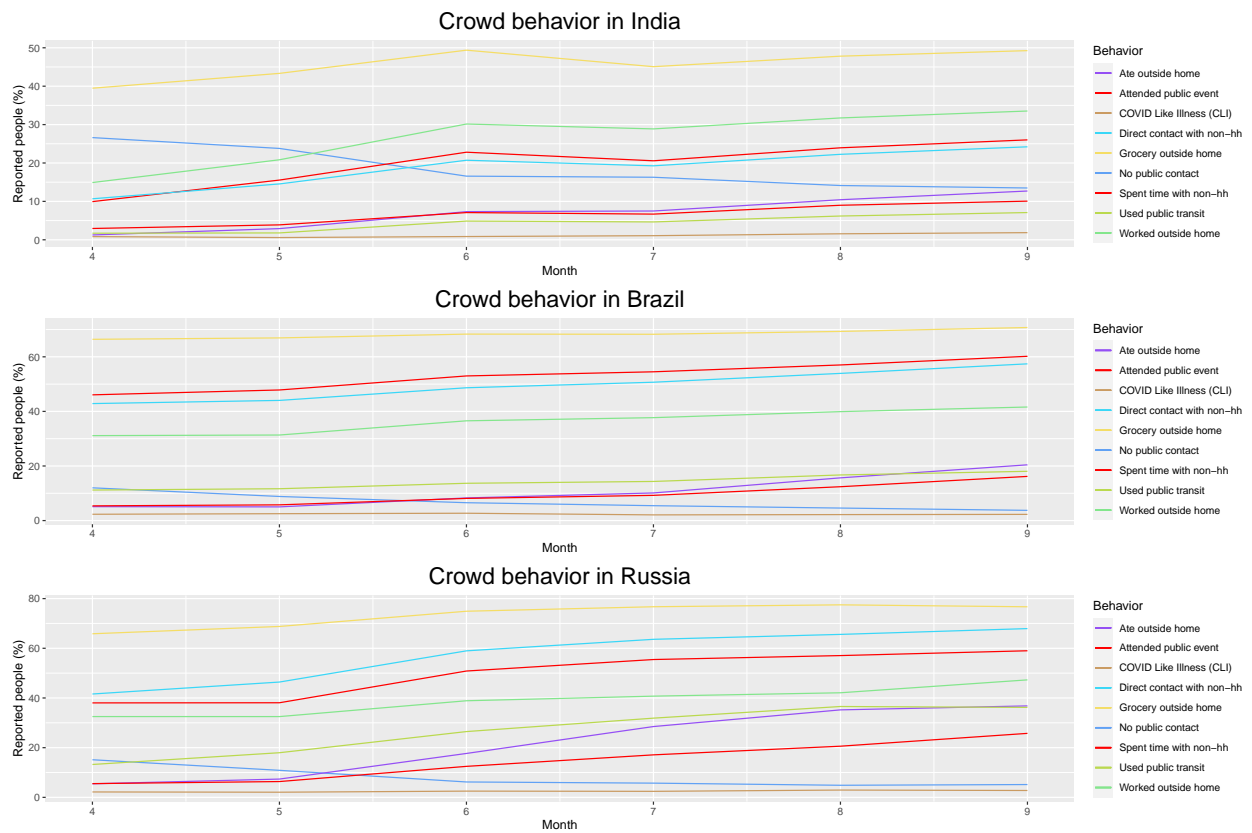


Figure 8: Crowd behavior in countries with the highest COVID cases (India, Brazil, Russia)

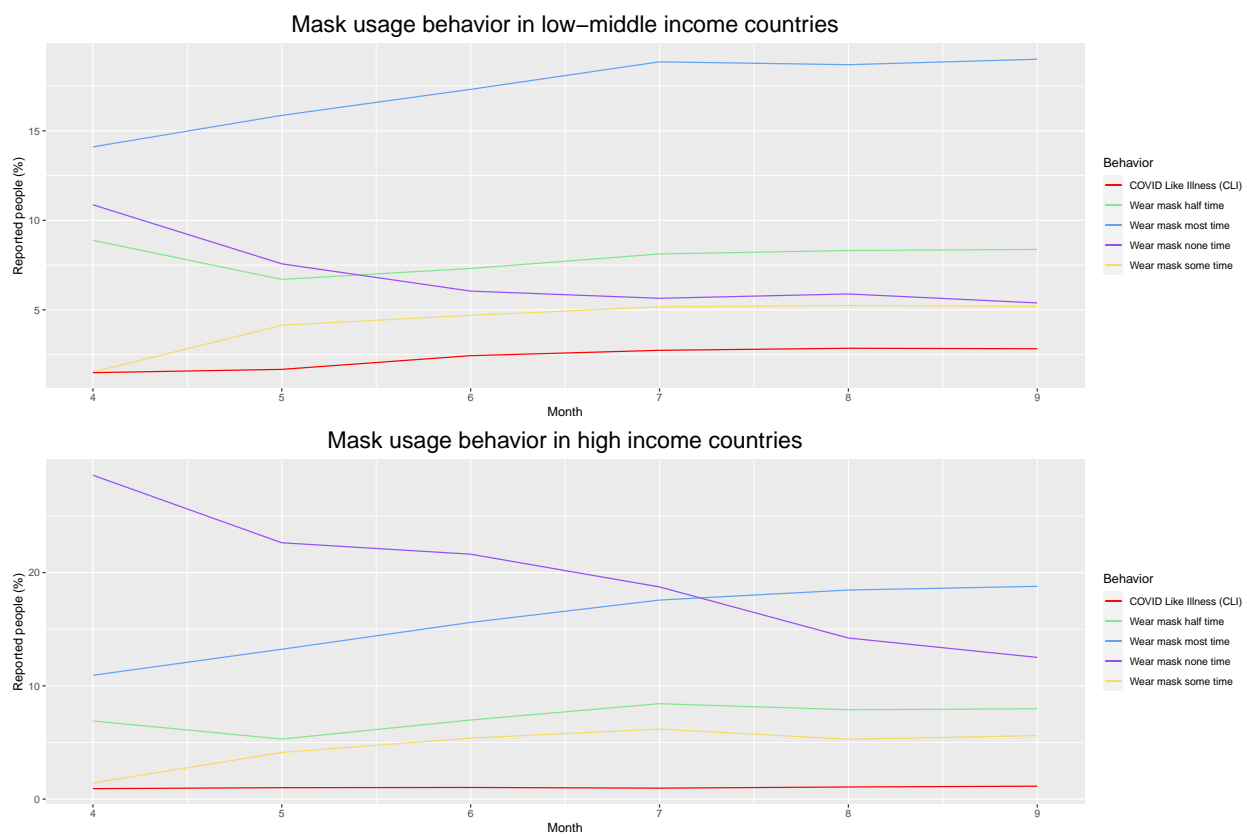


Figure 9: Mask usage behavior in low-middle and high income countries

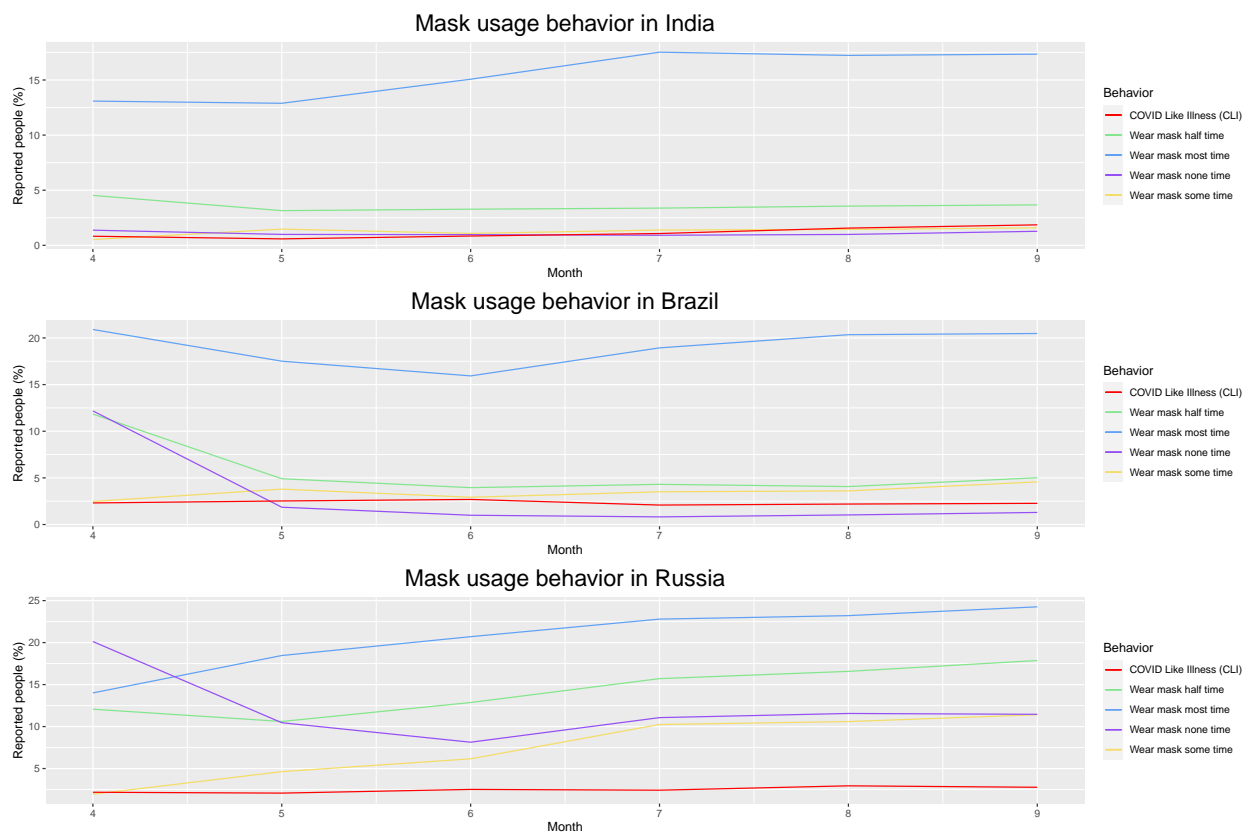


Figure 10: Mask usage behavior in countries with the highest COVID cases (India, Brazil, Russia)

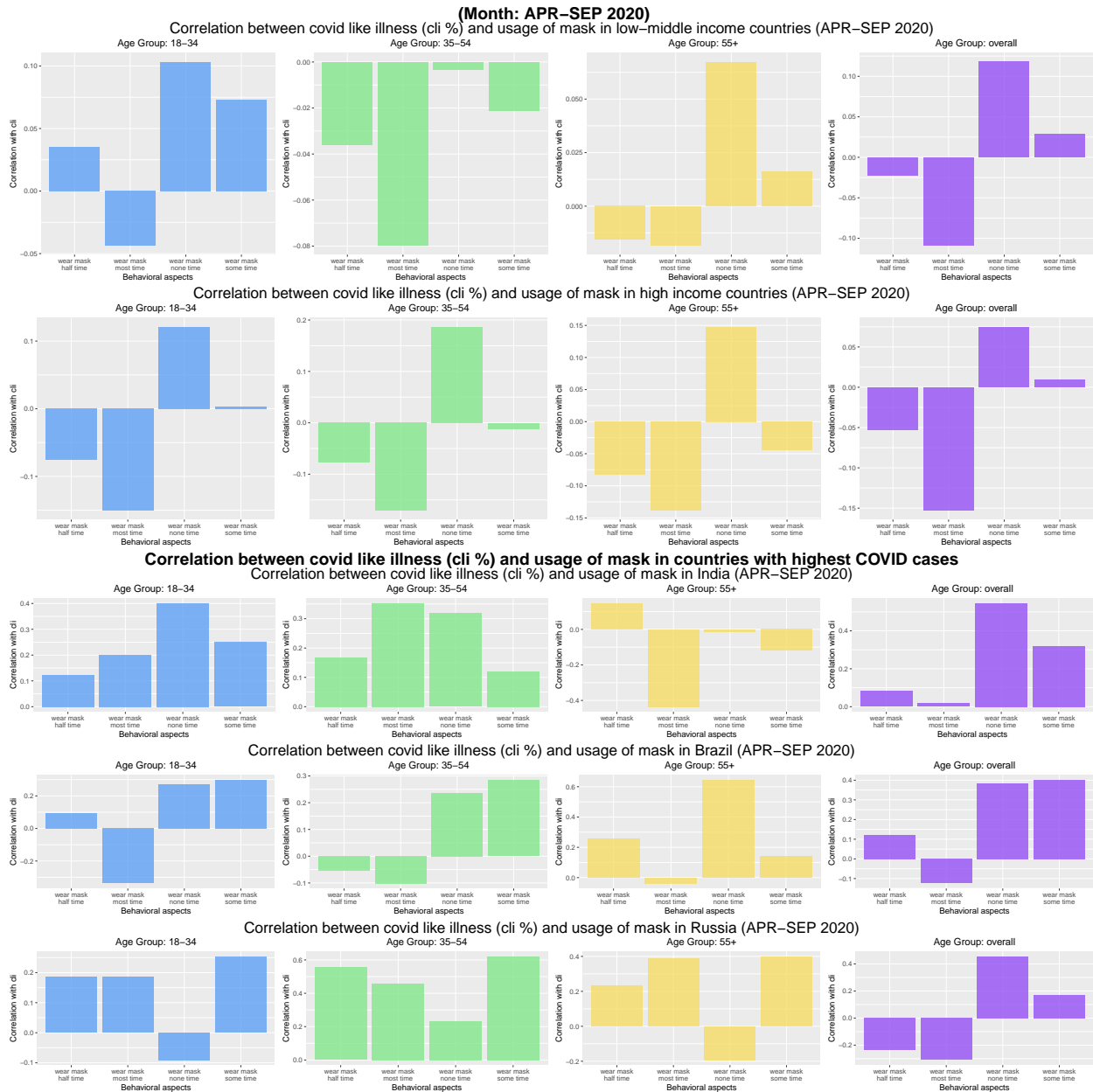


Figure 11: Correlation between CLI and usage of mask

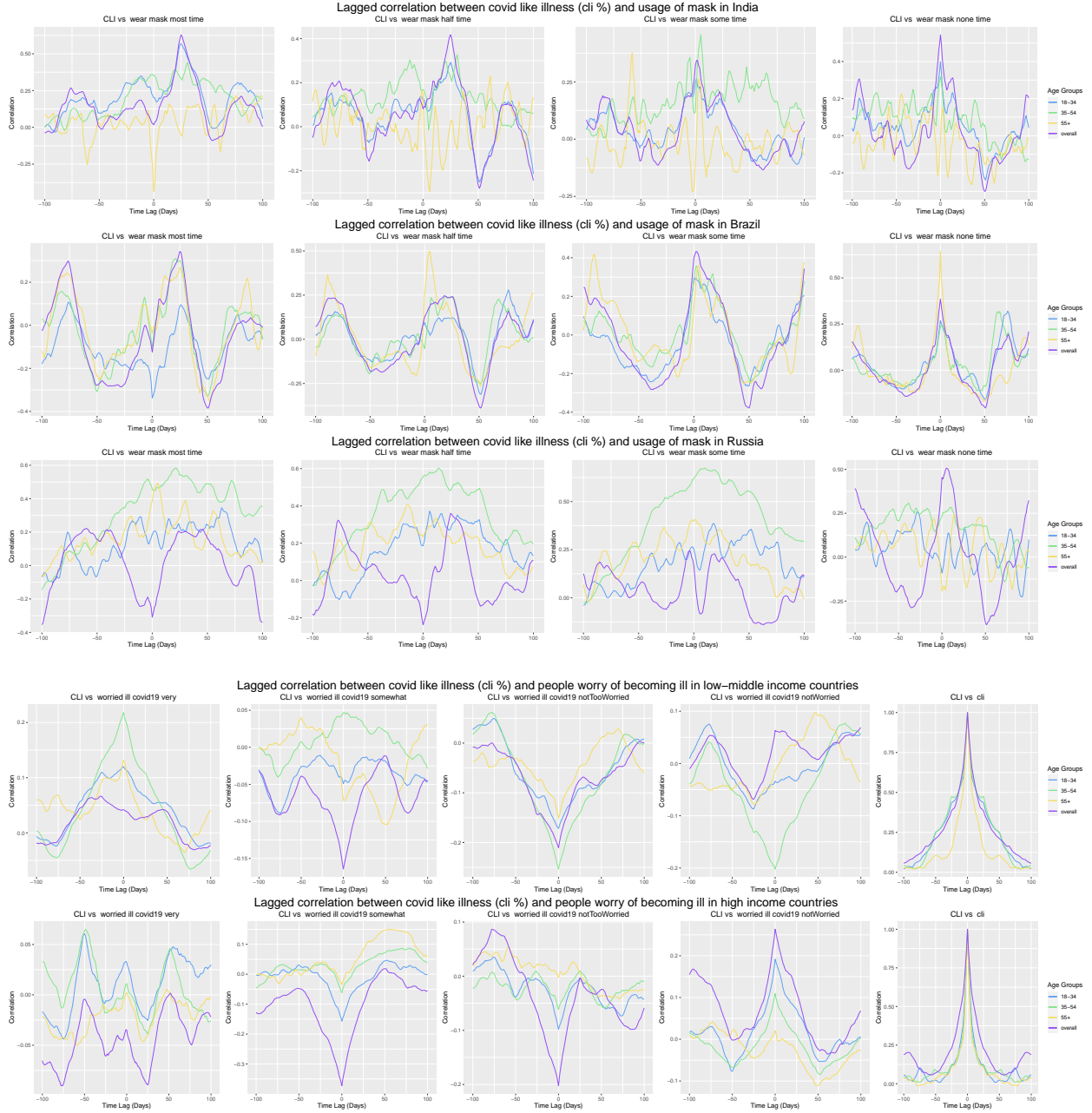


Figure 12: Lagged correlation between CLI and people worry of becoming ill in low-middle and high income countries

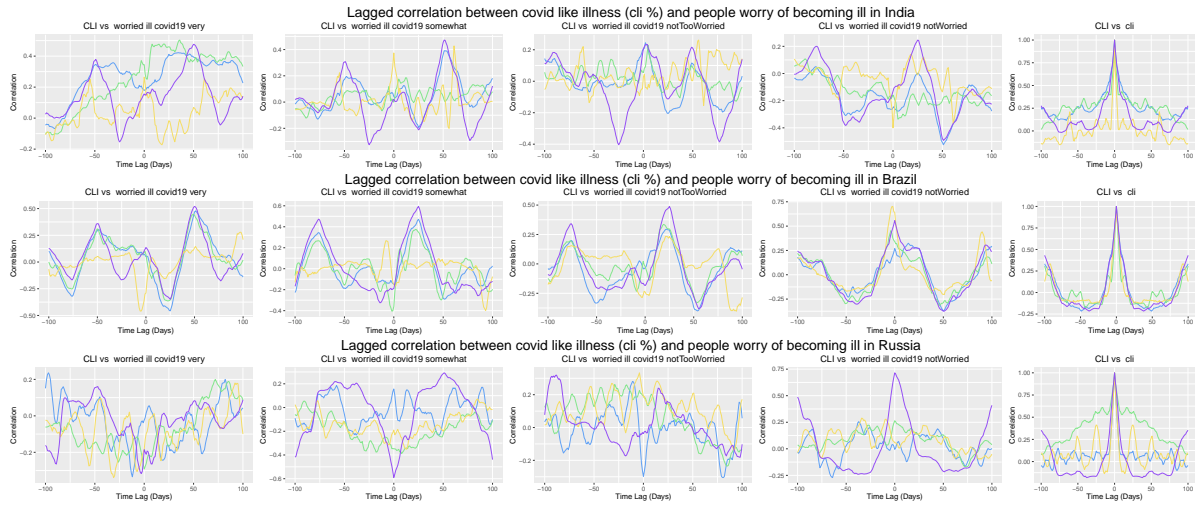


Figure 13: Lagged correlation between CLI and people worry of becoming ill in countries with most COVID-19 cases (India, Brazil, Russia)

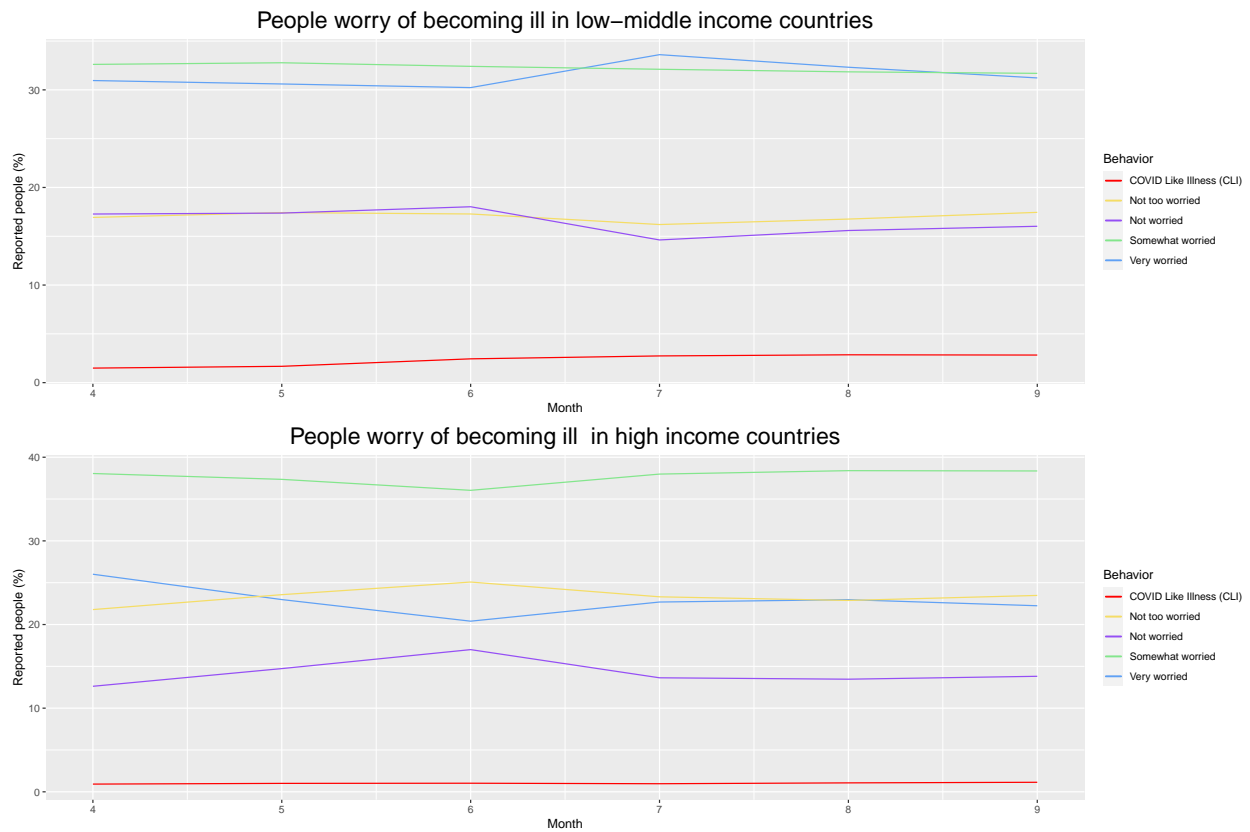


Figure 14: People worry of becoming ill in low-middle and high income countries

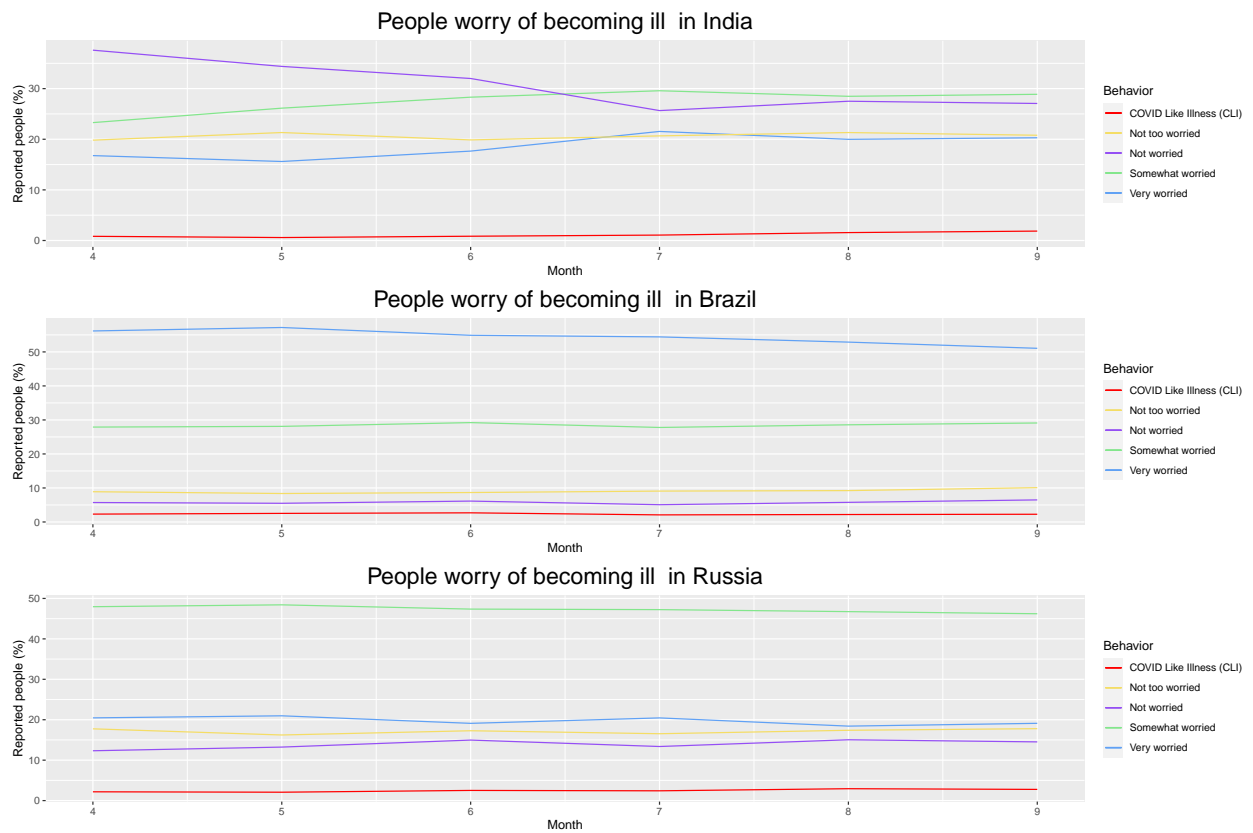


Figure 15: People worry of becoming ill in countries with the highest COVID cases (India, Brazil, Russia)

Correlation between covid like illness (cli %) and worried of becoming ill in low-middle and high income countries (Month: APR–SEP 2020)
Correlation between covid like illness (cli %) and worried of becoming ill in low-middle income countries (APR–SEP 2020)

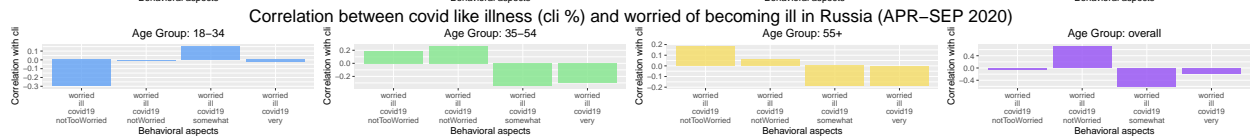
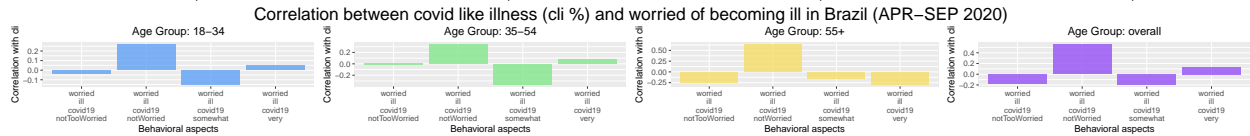
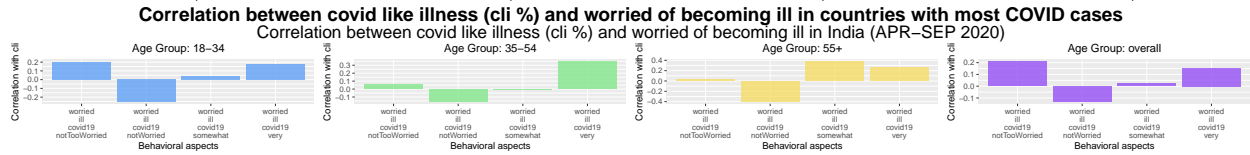
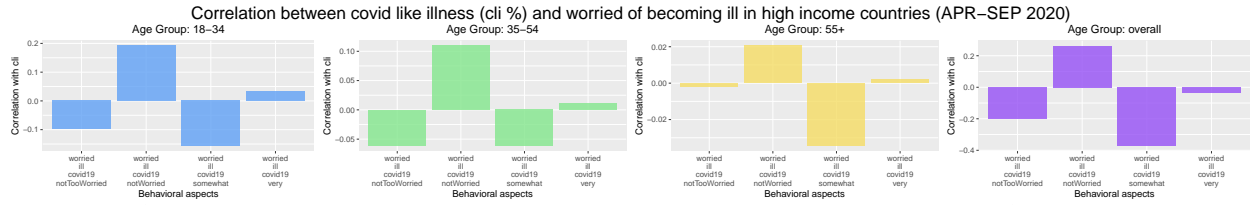
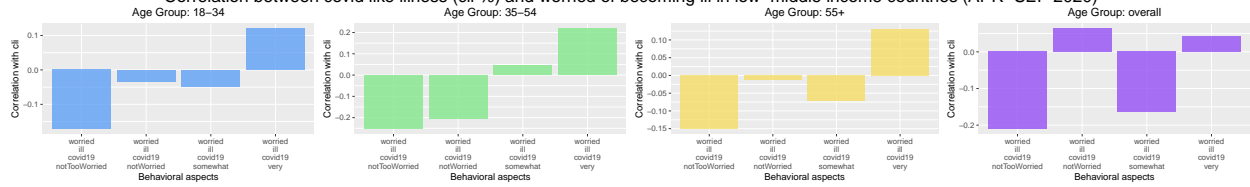


Figure 16: Correlation between covid like illness (cli %) and worried of becoming ill

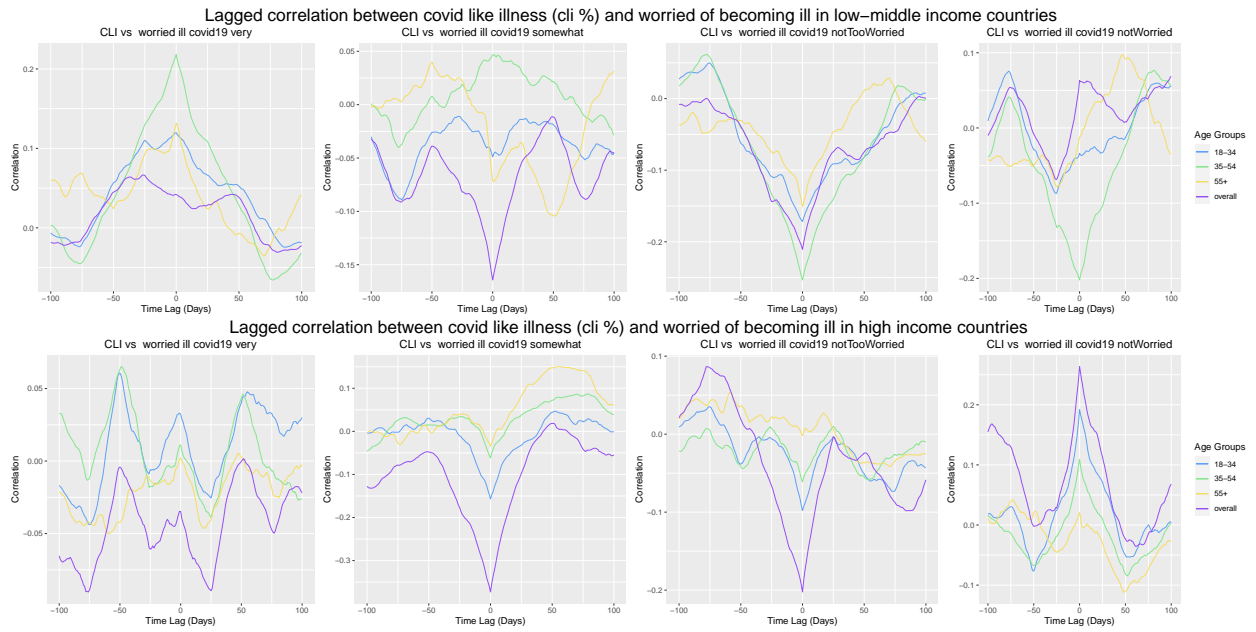
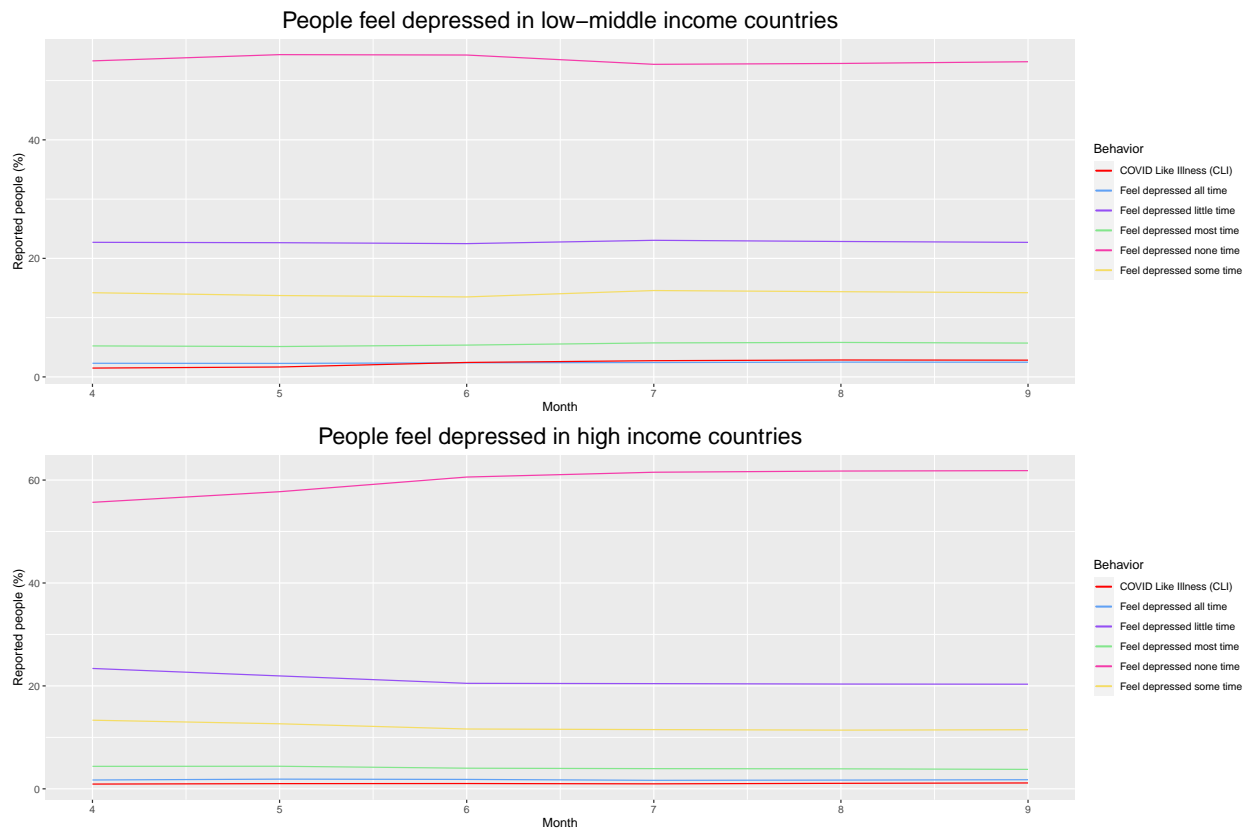


Figure 17: Lagged correlation between covid like illness (cli %) and worried of becoming ill in low-middle and high income countries



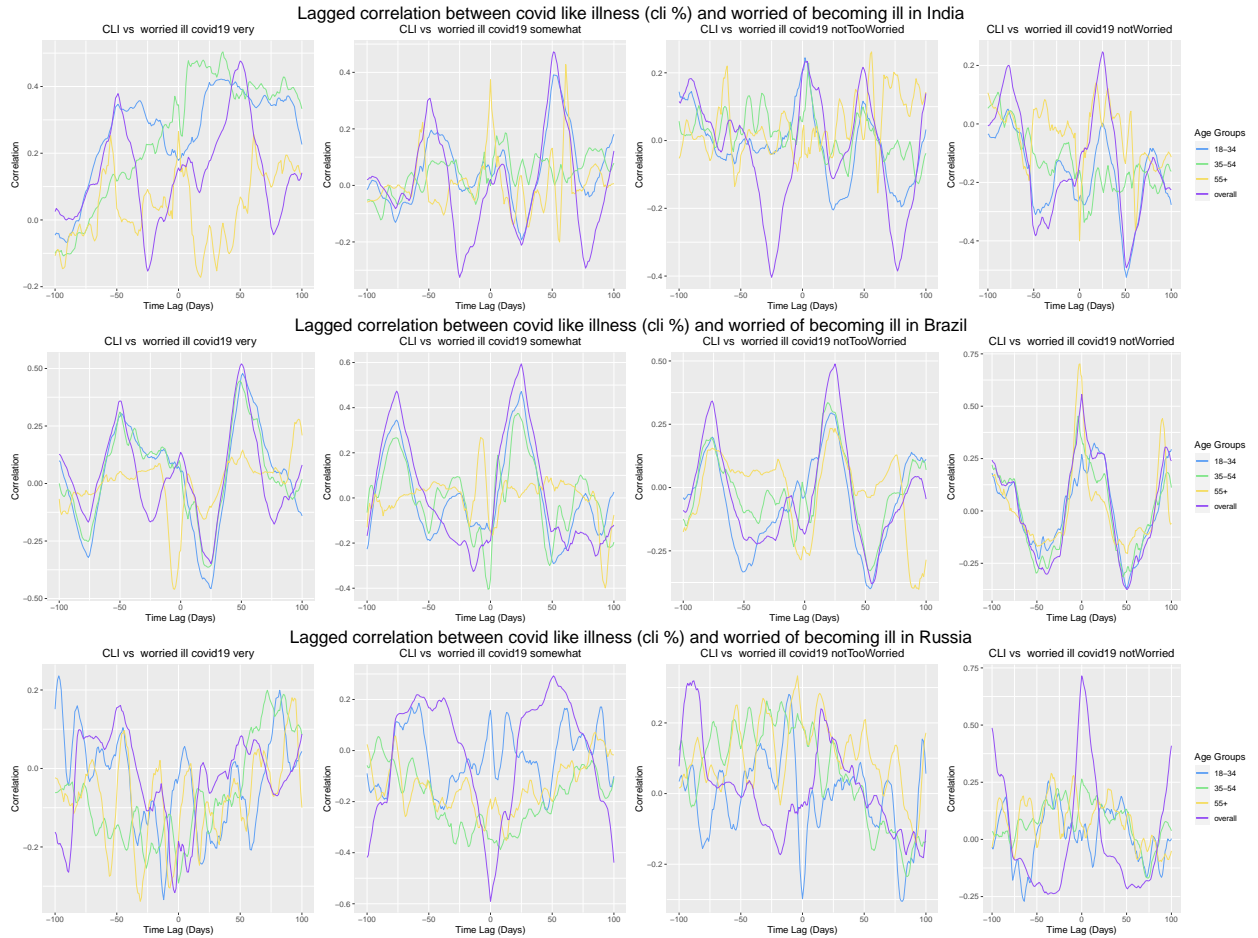


Figure 18: Lagged correlation between covid like illness (cli %) and worried of becoming ill in countries with highest COVID cases

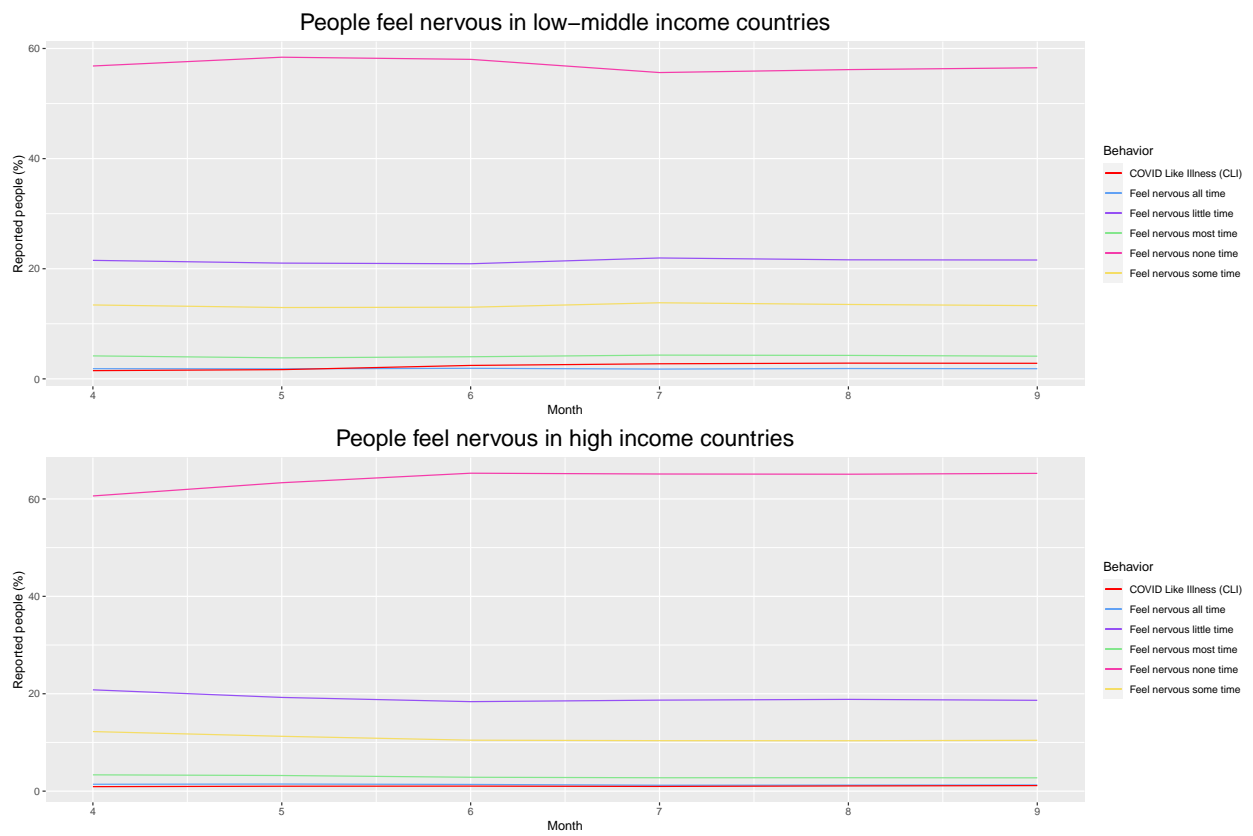


Figure 19: People feel nervous in low-middle and high income countries

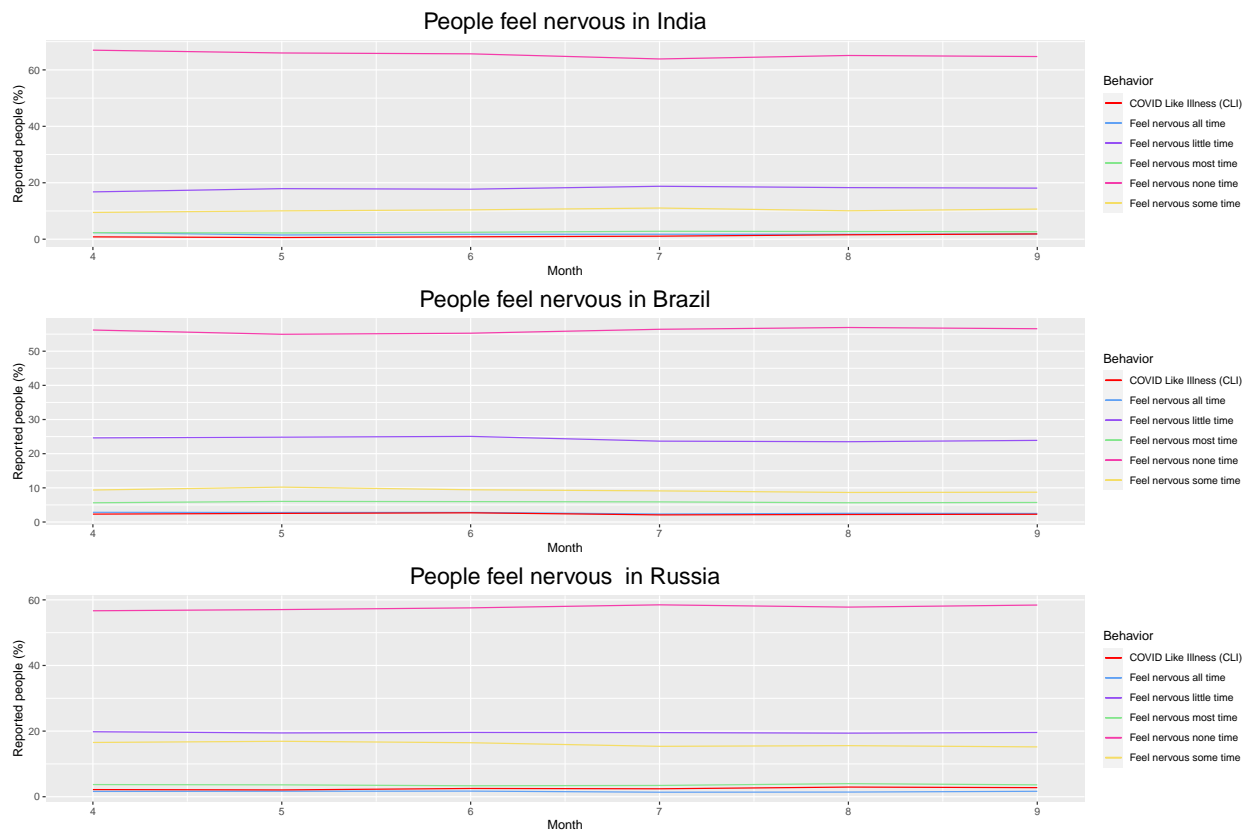
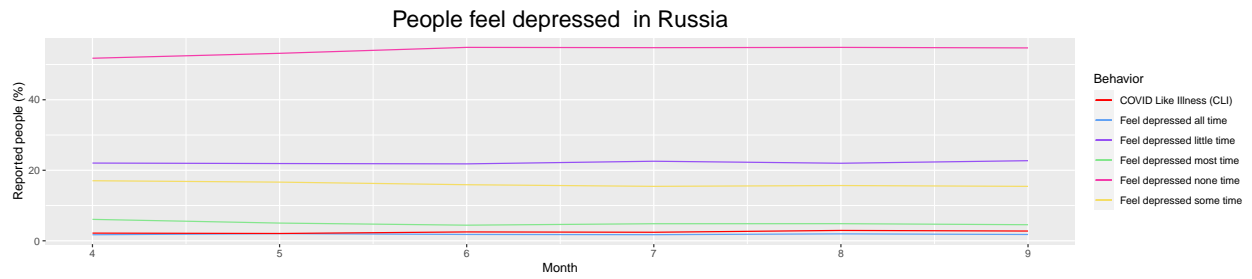
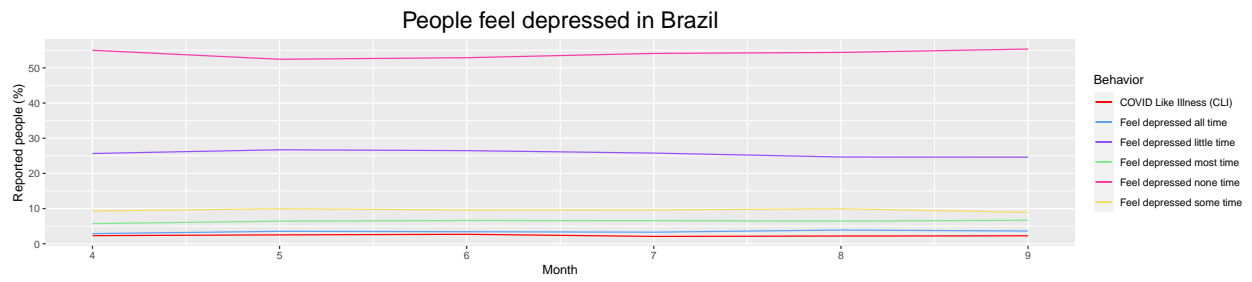
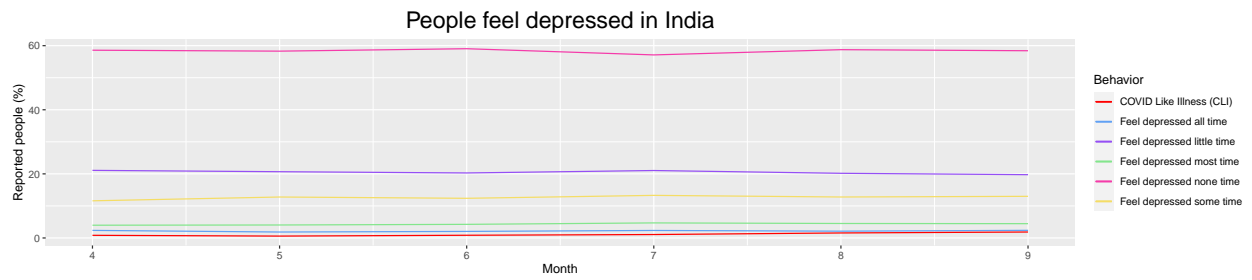


Figure 20: People feel nervous in countries with the highest COVID cases (India, Brazil, Russia)



Correlation between covid like illness (cli %) and psychological impact in low-middle and high income countries (Month: APR-SEP 2020)
 Correlation between covid like illness (cli %) and psychological impact (nervousness) in low-middle income countries (APR-SEP 2020)

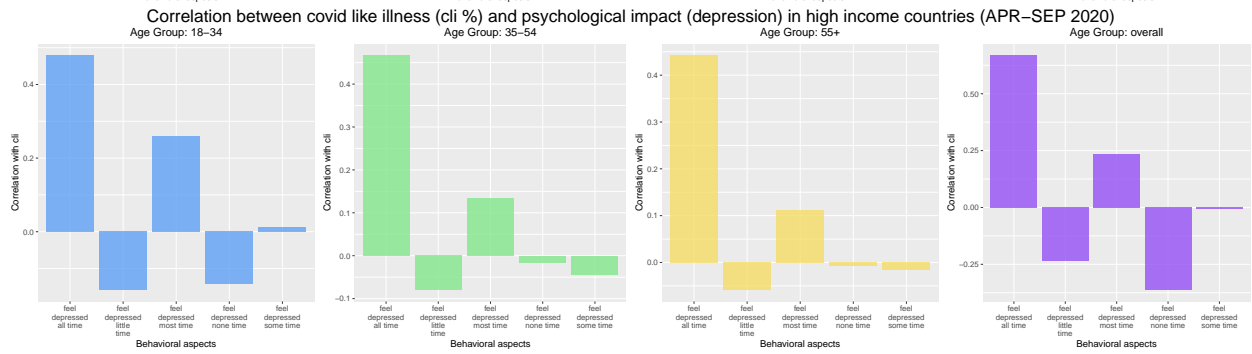
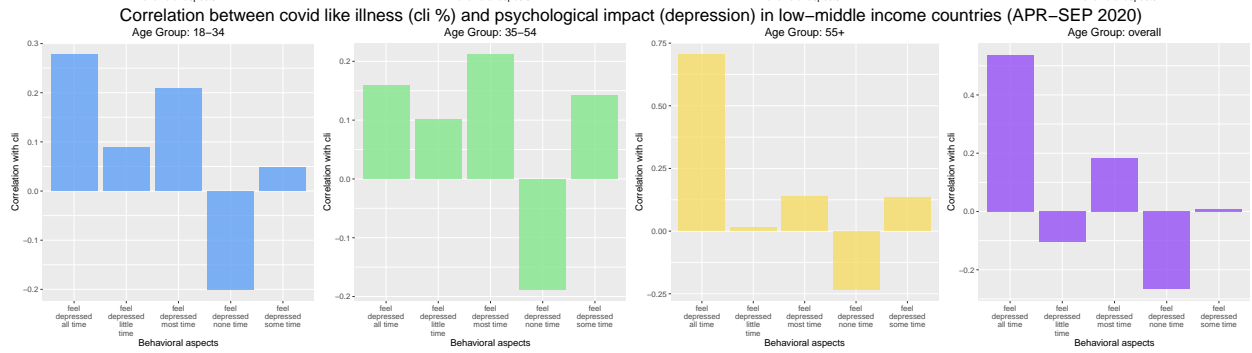
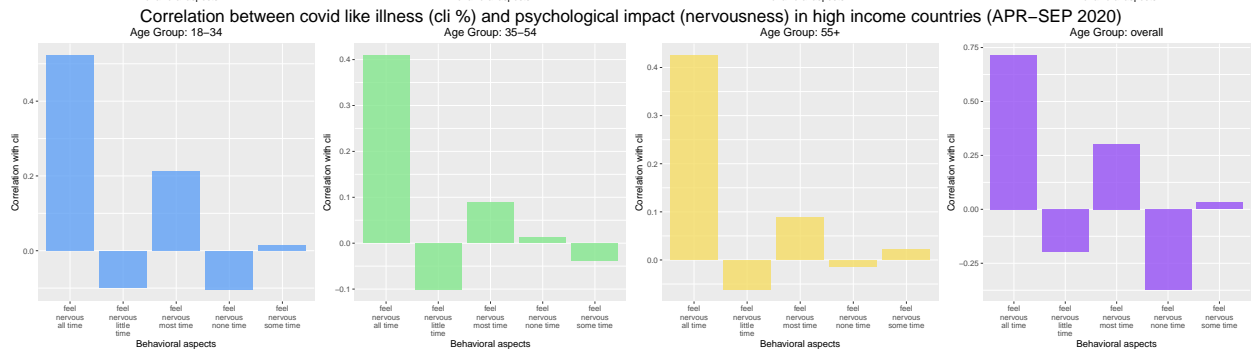
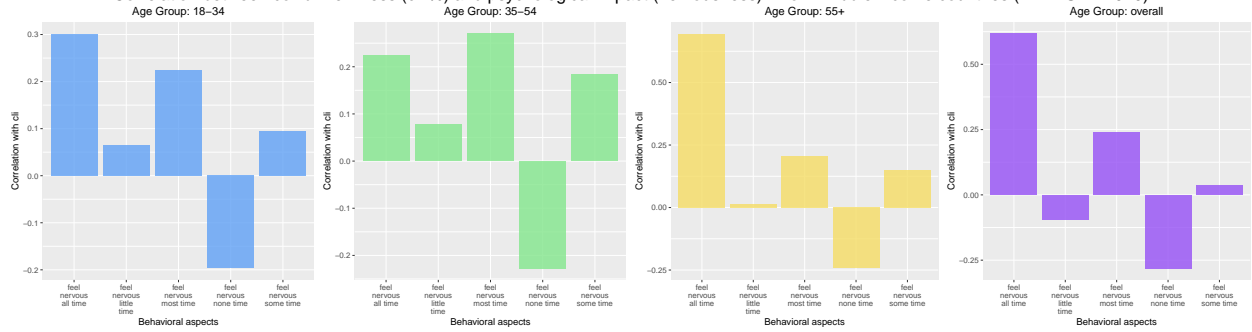


Figure 21: Correlation between covid like illness (cli %) and psychological impact in low-middle and high income countries

Correlation between covid like illness (cli %) and psychological impact in countries with highest COVID cases (Month: APR–SEP 2020) Correlation between covid like illness (cli %) and psychological impact (nervousness) in India (APR–SEP 2020)

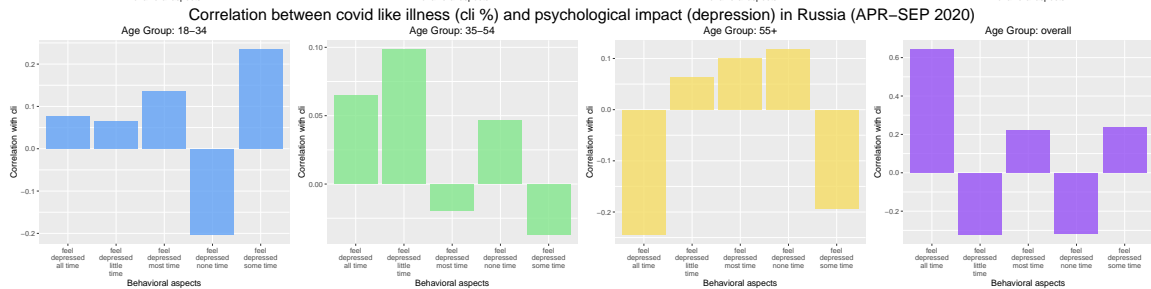
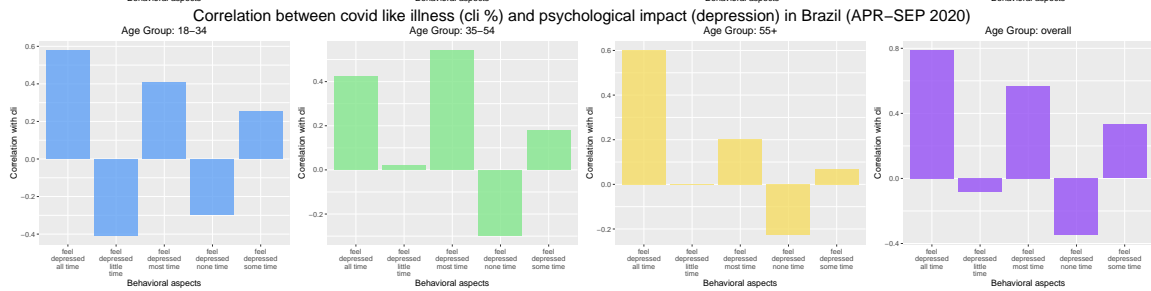
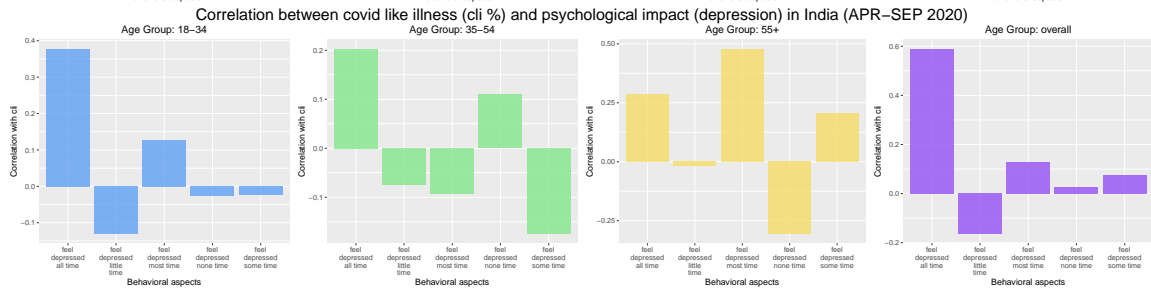
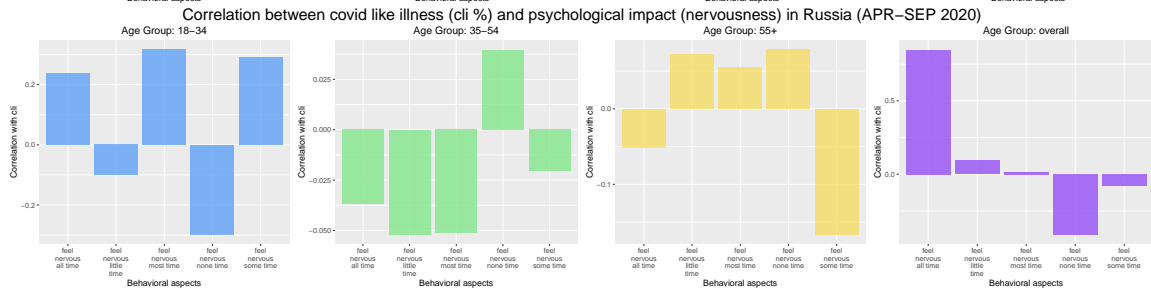
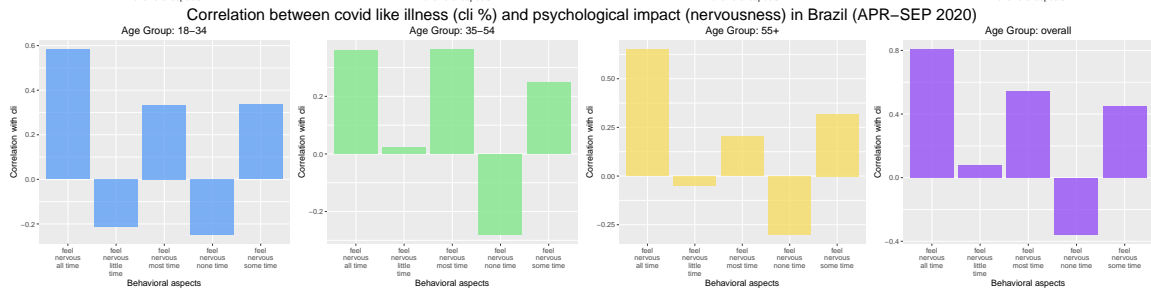
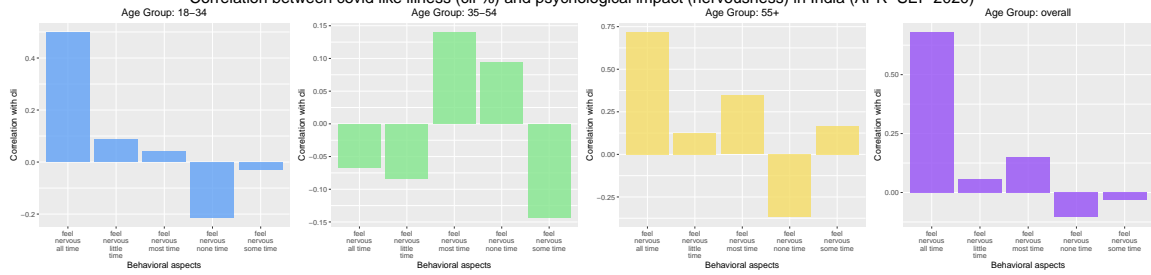


Figure 22: Correlation between covid like illness (cli %) and psychological impact in countries with highest COVID cases