

# Individual differences in decision-making: impact of COVID-19

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## INTRO

- Social isolation and anxiety from uncertainty affects cognitive and academic performance in students.<sup>1,2,3,5</sup>
- Individuals who already have mental health issues may be particularly at risk.<sup>4,6</sup>

## METHODS

1.  $N' = 555$ , currently  $N = 29$ , pre-pandemic participants, invited back. Tested via **Cognition.Run**
2. Longitudinal measures (Drug use<sup>7</sup>, social networks<sup>8</sup>, psychiatric conditions, fluid intelligence<sup>9</sup>, GPA)
3. Cross-sectional measures (Perceived stress<sup>10</sup>, anxiety<sup>11</sup>, depression<sup>12</sup>, resilience<sup>13</sup>, social adjustment<sup>14</sup>, coronavirus anxiety<sup>15</sup>)

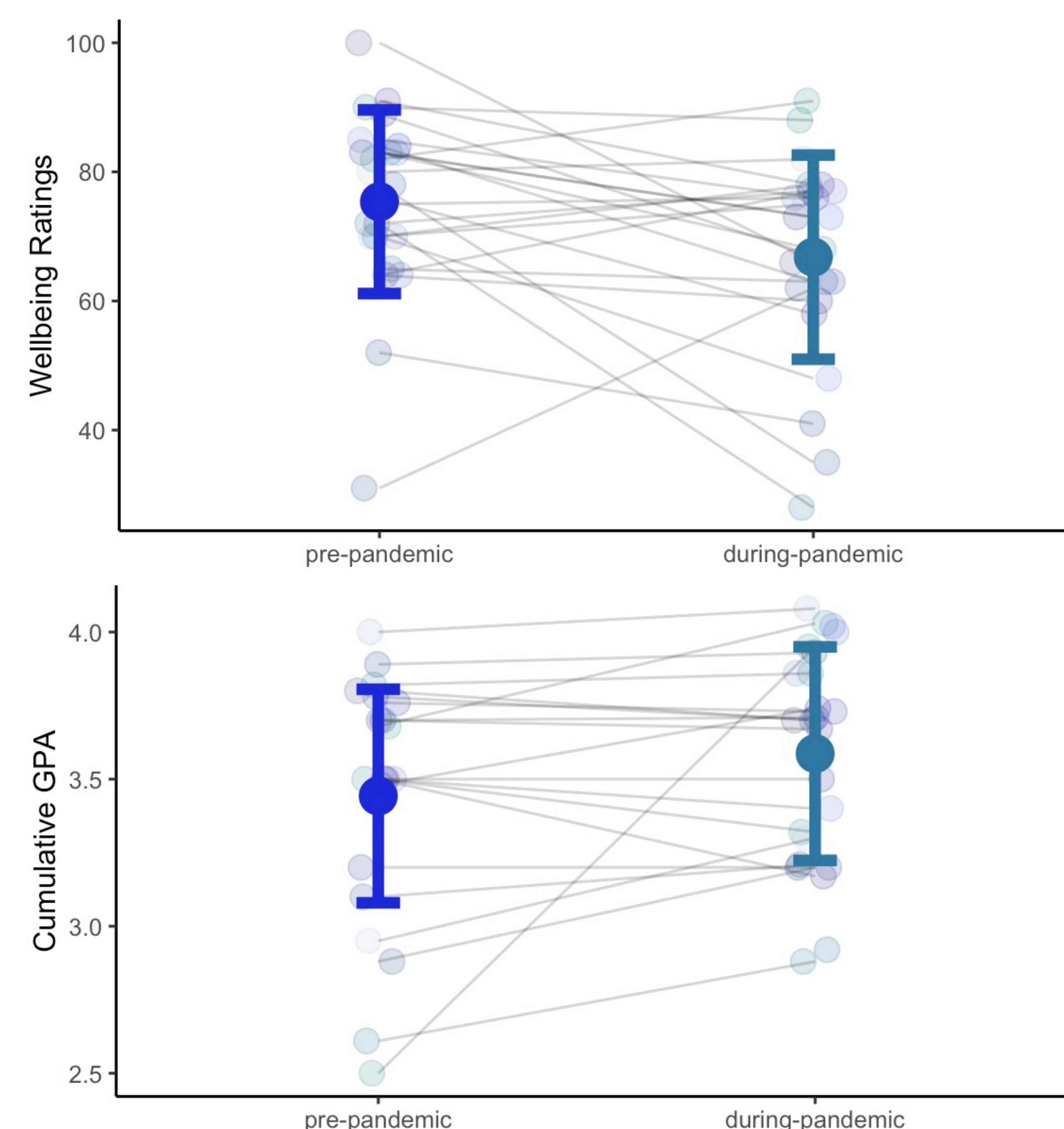
## IMPLICATIONS

- The overall impact on mental health status and academic performance in Concordia students.
- Micro-longitudinal changes in cognitive performance, socio-emotional functioning and educational achievement.

## References:

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## PRELIMINARY RESULTS



## So far, participants report:

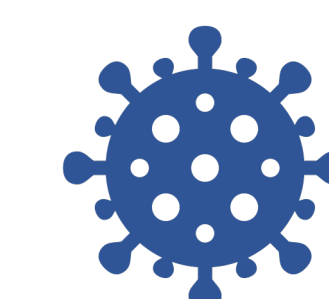
8.6 % decrease in wellbeing



50 % rate their professors as accommodating



45 % likelihood of contracting covid-19



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