

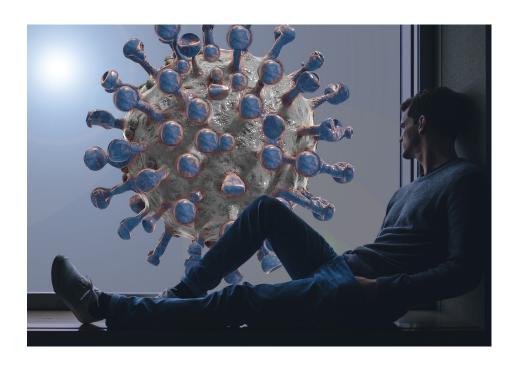
# **COVID-19, time to oneself, and loneliness: Creativity as a resource**

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## Time to oneself during COVID-19







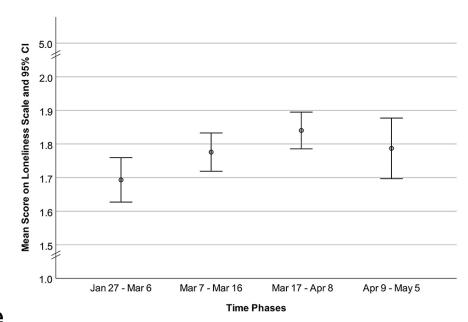
Loneliness → serious mental and physical health consequences (Leigh-Hunt et al., 2017; Menec et al., 2020)



#### Time to oneself, social isolation, and loneliness in old age

- Representative survey of 1,990 adults aged
   65+ living in Switzerland (Seifert & Hassler, 2021)
  - Risk factors: living alone, having no children, having no good contact with neighbors

- Time use survey (Lam & García-Román, 2020)
  - 65-74 years: 7.5hrs alone/day; 10% all day alone
  - > 85 years: 8.5 hrs alone/day, 20% all day alone





#### **Everyday Creativity as a Resource**

- Time alone need not be negative (Lay et al., 2019;
   Lay et al., 2020; Pauly et al., 2017; Pauly et al., 2018)
- Important benefits of alone time (Ost Mor et al., 2020; Thomas & Azmitia, 2019)
- Everyday creativity = original and meaningful acts that individuals perform in their ordinary lives (Cohen, 2006; Kaufman & Beghetto, 2009)





## **Hypotheses**

Individuals feel lonelier on days when they have more time to oneself than usual

Everyday creativity moderates the time to oneself-loneliness link





#### **Methods**



#### Sample and design

- Study period: April to August 2020
- 126 Canadian adults aged 18-84 years
- 77% female; 74% White; 75% at least some college
- Online questionnaire
- 10-day daily diary



#### Measures

<u>Time to oneself</u>: yes/no (yes = 88% of days), duration (M = 4.5 hrs, SD = 4.1), feeling bothered by it (M = 12.9, SD = 21.0; 0-100)

Everyday creativity: "Overall, how creative were you today? Creativity includes coming up with novel or original ideas; expressing oneself in an original and useful way; or spending time doing artistic activities (art, music, painting, writing, etc)." (M = 36.2, SD = 17.6, 0-100)

<u>Loneliness</u>: "How lonely did you feel today?" (M = 25.4, SD = 24.1, 0-100)

<u>Covariates</u>: Gender, age, relationship status, study day, date of participation, average day-level predictors

## **Analytical Approach**

Multi-level models in R (Ime4 package; Bates et al., 2015)

Loneliness<sub>ij</sub> =  $\beta_{0j} + \beta_{1j}$  DayOfStudy<sub>ij</sub> +  $\beta_{2j}$  DailyTimeToOneself<sub>ij</sub> +  $\beta_{3j}$  EverydayCreativity<sub>ij</sub> +  $e_{ij}$ 

Day level

$$\beta_{0j} = \gamma_{00} + \gamma_{01} \operatorname{ParticipationDate}_j + \gamma_{02} \operatorname{Age}_j + \gamma_{03} \operatorname{AgeSquared}_j + \gamma_{04} \operatorname{Gender}_j + \gamma_{05} \operatorname{RelationshipStatus}_j + \gamma_{06} \operatorname{Relatio$$

Person-averageTimeToOneself $_j$  +  $\gamma_{07}$ Person-averageCreativity $_j$  +  $u_{0j}$ 

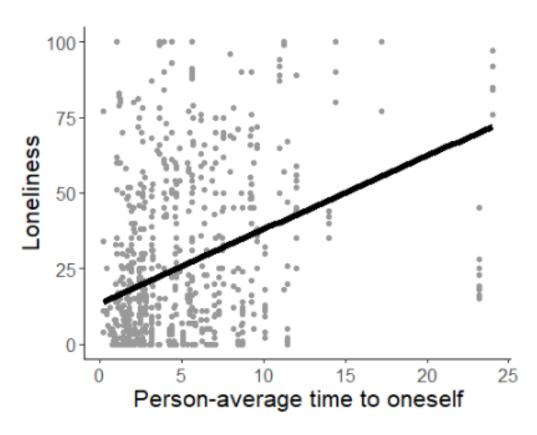
$$\beta_{1j} = \gamma_{10} + u_{1j}$$

$$\beta_{2j} = \gamma_{20} + u_{2j}$$

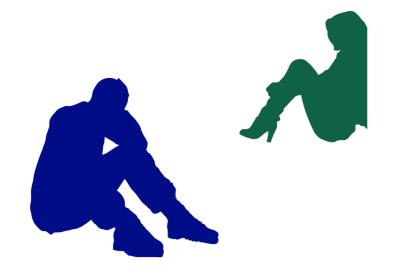
$$\beta_{3j} = \gamma_{30} + u_{3j}$$

Person level

## Higher overall alone time is associated with higher average loneliness

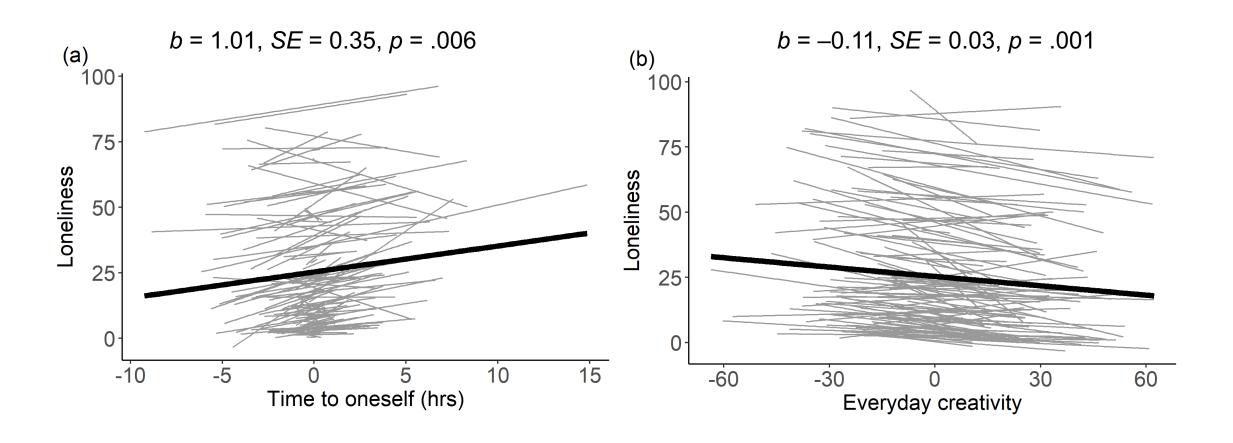


$$b = 1.90$$
,  $SE = 0.53$ ,  $p < .001$ 



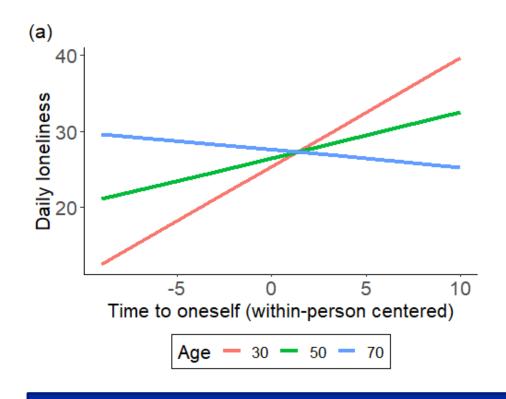


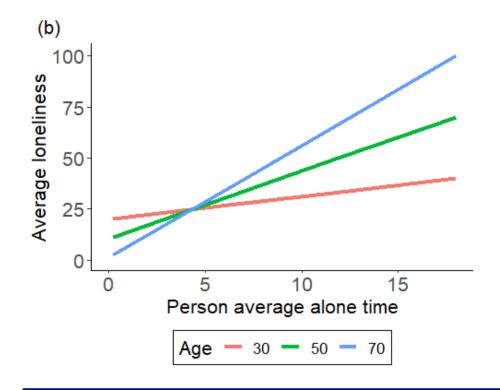
### Time to oneself ↑ loneliness; everyday creativity ↓ loneliness





#### Within- and between-person associations were moderated by age





Older age: weaker association between daily time to oneself and loneliness

Older age: stronger association between person-average alone time and loneliness



#### **Discussion**

Everyday creativity was common! (M = 36/100)



- Feelings of engagement with life and flow (Cohen, 2006; Csikszentmihalyi, 2013)
- Appraisals of alone time (Rodriguez et al., 2020)
- Preventing rumination (Lay et al., 2019)



- Denser scheduling of questionnaires → timeordered associations
- Other samples
- Types & duration of creative activities





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Research Report

## COVID-19, Time to Oneself, and Loneliness: Creativity as a Resource

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