**Reliability and Validity of the 3- and 20-point UCLA Loneliness Scales: Results from a Large Epidemiologic Study**

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**Introduction.**

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**Methods.**

**Setting.**

The study was conducted between November 2nd , 2023 and December 11th , 2023. An invitation to an anonymous online survey was sent to all adult midwife students between their second and fifth year via academic email addresses by their respective faculties (34 faculties in France). An email was sent once a week for 4 weeks. Because some faculties did not send at least one email after 2 weeks, the national students' association also put a weblink to the survey on social media (Twitter, Facebook, Instagram). According to public data, 3,700 French midwifery students were eligible for the survey. Among them, 2,063 started to answer the survey.

**Participants.**

For the statistical analysis, we included only participants who completed the PHQ9. A total of 1920 students (response rate: 51.9%) were included, with only 12 from social media links. This study was carried out according to the STROBE guidelines and presented as a flow chart (Figure 1). Several demographic questions explored the age, gender, year of study, marital status, and perceived financial difficulties.

**Measures.**

*UCLA Loneliness scale (20-points).*

*UCLA Loneliness scale (3-points).*

*PHQ-9.*

*GAD-7.*