

## Supplementary materials: online appendix

### Appendix A

Tested models of the RPLQ loneliness scale.

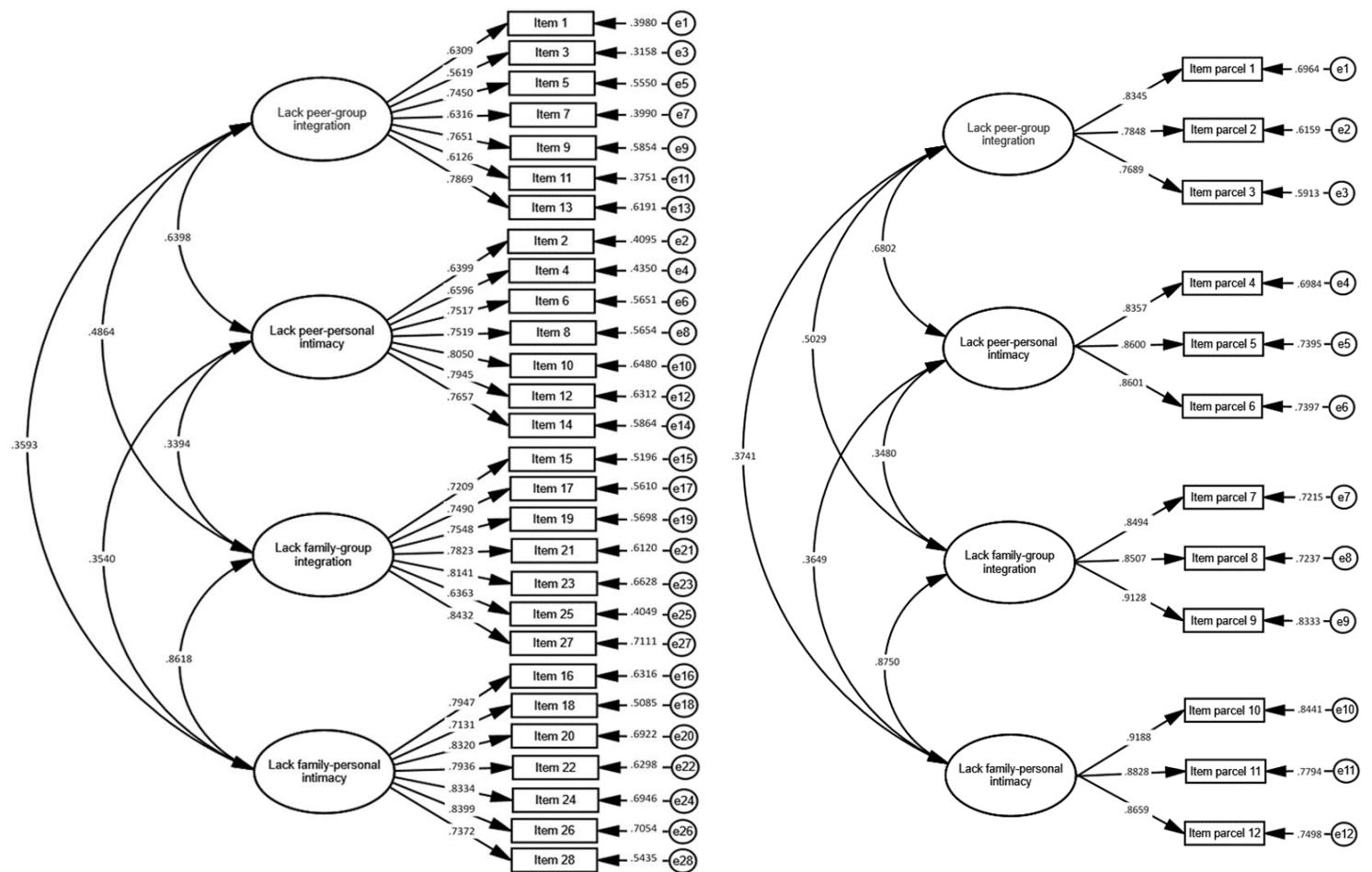
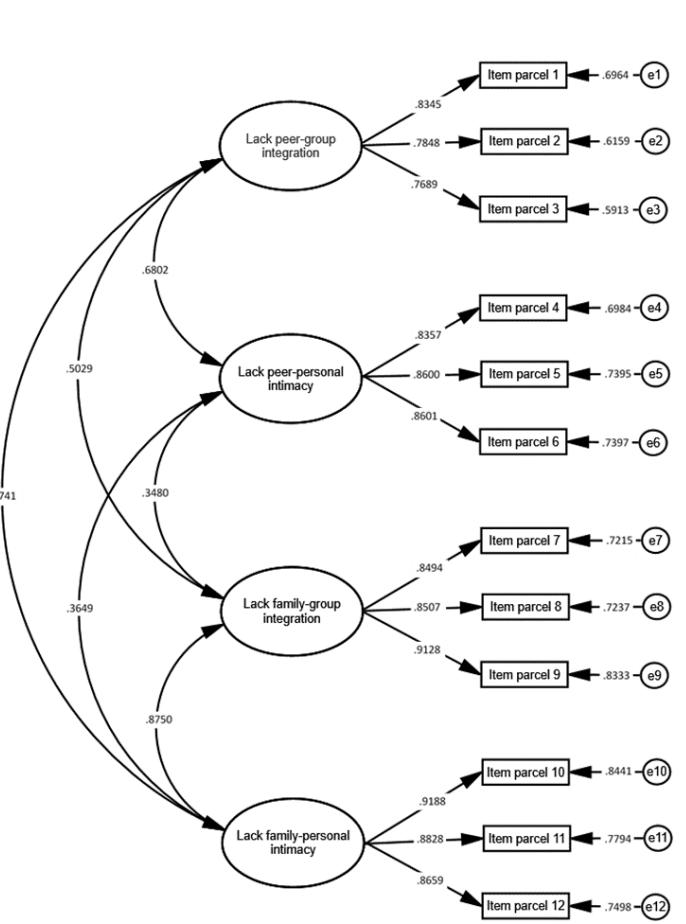


Figure 2: The improved four-factor model of the RPLQ loneliness scale (item parceling).



## Appendix B

The item parcelling construction of RPLQ loneliness scale.

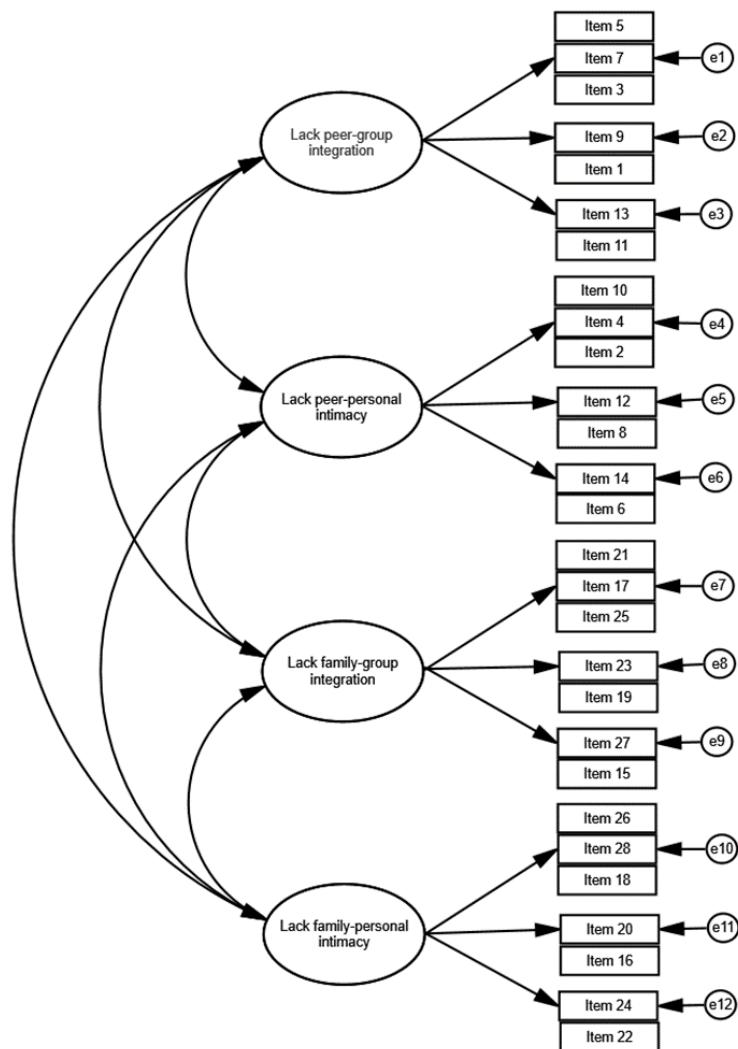


Figure 3: Improved structure of the RPLQ loneliness scale with items aggregation (the construction of item parcels).

## Appendix C

## Descriptive statistics, factorial validity, individual reliability, and construct reliability of the RPLQ loneliness scale

**Table 1.**

## *Descriptive statistics, factorial validity, individual reliability, and construct reliability of subscales of RPLQ loneliness scale.*

Note.  $N = 737$ ; All factor loadings were significant at  $p < .000$ .