Children-7C – Supplementary Material – SM1

The adaption of the vaccination readiness scale to children vaccination

As decisions to getting own children vaccinated differ from decisions for oneself to getting vaccinated, we adapted the 7C vaccination readiness scale to child vaccination. Therefore, we went with the same components and component definitions as for the adult 7C scale. For this study, the scale was assessed in a COVID-19 specific version.

In study 1, our main goal was to:

* Adapt 7C items to child vaccination against COVID-19
* Psychometrically evaluate the Children-7C scale
* Draw items for the short scale version

|  |  |  |  |
| --- | --- | --- | --- |
| **Table SM1** | | | |
| *Descriptive statistics for child-related 7C items and component mean scores in Study 1* | | | |
| # ID | Item | *M* | *SD* |
| Confidence | | 3.94 | 1.66 |
| conf\_01 | COVID-19 vaccinations’ side effects occur rarely and are not severe for my child. | 3.75 | 1.78 |
| conf\_02 | Political decisions about COVID-19 childhood vaccinations are scientifically grounded. | 3.74 | 1.88 |
| conf\_03 | **I am convinced the appropriate authorities do only allow effective and safe COVID-19 vaccines for children.** | 4.32 | 2.12 |
| Complacency | | 4.75 | 1.78 |
| cmpcy\_01 | My child does not need a COVID-19 vaccination because infectious diseases do not hit him/her hard. (R) | 4.92 | 2.07 |
| cmpcy\_02 | Vaccination against COVID-19 is unnecessary for my child because he/she rarely gets ill anyway. (R) | 5.15 | 1.92 |
| cmpcy\_03 | **I will get my child vaccinated because it is too risky for him/her to get infected with COVID-19** | 4.18 | 2.22 |
| Constraints | | 4.68 | 1.42 |
| const\_01\* | I will make sure that my child receives the COVID-19 vaccination in a *proper* time. | 4.35 | 2.19 |
| const\_02 | **Vaccination against COVID-19 is so important to me that I prioritize my child getting vaccinated over other things.** | 3.62 | 2.19 |
| const\_03\* | *I sometimes miss out* on getting my child vaccinated because vaccination is bothersome. (R) | 6.07 | 1.48 |
| Calculation | | 3.01 | 1.28 |
| calc\_01 | I will get my child vaccinated against COVID-19 when I do not see disadvantages for him/her. (R) | 2.95 | 2.04 |
| calc\_02 | **I will only get my child vaccinated against COVID-19 when the benefits clearly outweigh the risks.** (**R)** | 3.07 | 1.82 |
| calc\_03\* | *For each vaccine,* I carefully consider whether my child needs it. (R) | 3.00 | 1.95 |
|  |  |  |  |
| **Table (continued)** | | | |
| # ID | Item | *M* | *SD* |
| Collective Responsibility | | 4.19 | 2.00 |
| colr\_01 | I also will get my child vaccinated against COVID-19 because protecting vulnerable risk groups is important to me. | 4.10 | 2.13 |
| colr\_02\* | **I see *vaccinations for children* as a collective task against the spread of COVID-19.** | 4.24 | 2.16 |
| colr\_03 | I also will get my child vaccinated against COVID-19 because thereby other people are protected. | 4.23 | 2.20 |
| Compliance | | 3.47 | 1.83 |
| cmpli\_01 | It should be possible to exclude children from public activities (e.g., sport club activities) when they are not vaccinated against COVID-19. | 3.14 | 2.14 |
| cmpli\_02\* | The health authorities should use all possible means to achieve *that as many children as possible* *are vaccinated* against COVID-19. | 4.12 | 2.24 |
| cmpli\_03 | **It should be possible to sanction parents who do not follow the vaccination recommendations by health authorities.** | 3.14 | 2.19 |
| Conspiracy | | 4.53 | 1.66 |
| consp\_01\* | ***The vaccination* against COVID-19 causes diseases and allergies in children that are more serious than COVID-19. (R)** | 4.73 | 1.87 |
| consp\_02\* | Health authorities knuckle down to the power and influence of pharmaceutical companies with respect to *the COVID-19 child vaccination.* (R) | 4.07 | 2.02 |
| consp\_03\* | *The COVID-19 vaccination* contains chemicals in toxic doses for children. (R) | 4.78 | 1.90 |
| *Note.* Wording of items marked with \* was changed in the wording for Study 2. Wording changed for Study 2 is marked in *italic.* | | | |

We changed the wording of items marked in the table because:

* Missing COVID-19 context (2 items)
* Plural of COVID-19 vaccinations (3 items)
* Easier and shorter wordings (3 items)