### Manual for scoring the HELIA

|                  | Number of items | Minimum possible raw score | Maximum possible raw score |
|------------------|-----------------|---------------------------|---------------------------|
| Reading          | 4 (item 1-4)    | 4                         | 20                        |
| Access           | 6 (item 5-10)   | 6                         | 30                        |
| Understanding    | 7 (item 11-17)  | 7                         | 35                        |
| Appraisal        | 4 (item 18-21)  | 4                         | 20                        |
| Decision-making/ behavioral intention | 12 (item 22-33) | 12                        | 60                        |
| **Total**        | 33 (item 1-33)  | 33                        | 165                       |

To calculate each subscale or total score for the HELIA, first add item scores to achieve raw scores and then linearly transfer it to a score from 0 to 100 using the following formula.

\[
\text{Score} = \frac{\text{Raw score} - \text{Minimum possible raw score}}{\text{Maximum possible raw score} - \text{Minimum possible raw score}} \times 100
\]

### Health literacy category levels

| The HELIA scores | Maximum | Categories               | Levels  |
|------------------|---------|--------------------------|---------|
| Minimum          | Rank    |                          | Levels  |
| 0                | 50      | Inadequate               | Limited |
| 50.1             | 66      | Somewhat inadequate      |         |
| 66.1             | 84      | Sufficient               | Adequate|
| 84.1             | 100     | Excellent                |         |

*Adapted from: Sorensen K, Pelikan JM, Röthlin F, Ganahl K, Slonska Z, Doyle G, Fullam J, Kondilis B, Agrafiotis D, Uiters E, Falcon M, Mensing M, Tchamov K, van den Broucke S, Brand H; HLS-EU Consortium. Health literacy in Europe: comparative results of the European health literacy survey (HLS-EU). European Journal of Public Health 2015; 25(6): 1053–58.

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