| Item | N | Survey VARIED | Subcategory 1 „intelligibility“ | Subcategory 2 „comprehensibility“ | Subcategory 3 „completeness“ | 3*-CVI | 3*p | 3*k | 4Evaluation |
|------|---|----------------|-------------------------------|-------------------------------|-------------------------------|--------|----|----|-------------|
|    |   |                | 3*A                          | 3*A                          | 3*A                          | 3*A    |    |    |             |
| 1.1 | 27 |                 | 25 0.93                      | 24 0.89                      | 23 0.85                      | 24 0.89 | 0.000 | 0.889 | excellent   |
| 1.2 | 11 |                 | 11 1.00                      | 11 1.00                      | 11 1.00                      | 11 1.00 | 0.000 | 1.000 | excellent   |
| 2   | 27 |                 | 25 0.93                      | 24 0.89                      | 23 0.85                      | 24 0.89 | 0.000 | 0.914 | excellent   |
| 3   | 27 |                 | 24 0.89                      | 25 0.93                      | 25 0.93                      | 25 0.93 | 0.000 | 0.914 | excellent   |
| 4   | 27 |                 | 27 1.00                      | 26 0.96                      | 26 0.96                      | 26 0.96 | 0.000 | 0.988 | excellent   |
| 5   | 27 |                 | 27 1.00                      | 24 0.89                      | 25 0.93                      | 24 0.90 | 0.000 | 0.982 | excellent   |
| 6   | 27 |                 | 27 1.00                      | 26 0.96                      | 26 0.96                      | 25 0.93 | 0.000 | 0.938 | excellent   |
| 7   | 27 |                 | 22 0.81                      | 27 1.00                      | 26 0.96                      | 24 0.85 | 0.000 | 0.876 | excellent   |
| 8.1 | 27 |                 | 22 0.81                      | 26 0.96                      | 23 0.85                      | 24 0.88 | 0.000 | 0.864 | excellent   |
| 8.2 | 11 |                 | 11 1.00                      | 11 1.00                      | 11 1.00                      | 11 1.00 | 0.000 | 1.000 | excellent   |
| 9   | 27 |                 | 25 0.93                      | 25 0.93                      | 25 0.93                      | 25 0.94 | 0.000 | 0.938 | excellent   |
| 10  | 27 |                 | 23 0.85                      | 24 0.89                      | 23 0.85                      | 23 0.86 | 0.000 | 0.938 | excellent   |
| 11  | 27 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 12  | 27 |                 | 24 0.89                      | 25 0.93                      | 24 0.89                      | 24 0.90 | 0.000 | 0.901 | excellent   |
| 13  | 27 |                 | 27 1.00                      | 24 0.89                      | 27 1.00                      | 26 0.96 | 0.000 | 0.963 | excellent   |
| 14  | 27 |                 | 26 0.96                      | 27 1.00                      | 27 0.99                      | 27 0.99 | 0.000 | 0.988 | excellent   |
| 15  | 27 |                 | 26 0.96                      | 26 0.96                      | 26 0.96                      | 26 0.96 | 0.000 | 0.988 | excellent   |
| 16  | 27 |                 | 26 0.96                      | 26 0.96                      | 26 0.96                      | 25 0.94 | 0.000 | 0.982 | excellent   |
| 17  | 27 |                 | 27 1.00                      | 27 0.99                      | 27 0.99                      | 27 0.99 | 0.000 | 0.988 | excellent   |
| 18  | 27 |                 | 26 0.96                      | 26 0.96                      | 26 0.96                      | 26 0.96 | 0.000 | 0.988 | excellent   |
| 19  | 27 |                 | 26 0.96                      | 26 0.96                      | 26 0.96                      | 25 0.94 | 0.000 | 0.988 | excellent   |
| 20  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 21  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 22  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 23  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 24  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 25  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 26  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 27  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 28  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 29  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
| 30  | 15 |                 | 15 1.00                      | 15 1.00                      | 15 1.00                      | 15 1.00 | 0.000 | 1.000 | excellent   |
### Survey VARIED (Continued)

| Item | N | Subcategory 1 | Subcategory 2 | Subcategory 3 | I-CVI (1) | I-CVI (2) | I-CVI (3) | I-CVI | p<sub>c</sub> | k* | Evaluation |
|------|---|--------------|--------------|--------------|-----------|----------|----------|-------|-----------|----|------------|
| 31   | 15| 15 1.00 | 14 0.93 | 15 1.00 | 15 0.98 | 0.000 | 0.978 | excellent |
| 32   | 15| 15 1.00 | 15 1.00 | 15 1.00 | 15 1.00 | 0.000 | 1.000 | excellent |
| 33   | 15| 15 1.00 | 15 1.00 | 15 1.00 | 15 1.00 | 0.000 | 1.000 | excellent |
| 34   | 27| 27 1.00 | 27 1.00 | 26 0.96 | 27 0.99 | 0.000 | 0.988 | excellent |
| 35   | 27| 27 1.00 | 27 1.00 | 27 1.00 | 27 1.00 | 0.000 | 1.000 | excellent |
| 36   | 27| 27 1.00 | 27 1.00 | 27 1.00 | 27 1.00 | 0.000 | 1.000 | excellent |
| 37   | 27| 27 1.00 | 27 1.00 | 26 0.96 | 27 0.99 | 0.000 | 0.988 | excellent |
| 38   | 27| 27 1.00 | 27 1.00 | 27 1.00 | 27 1.00 | 0.000 | 1.000 | excellent |
| 39   | 27| 27 1.00 | 27 1.00 | 27 1.00 | 27 1.00 | 0.000 | 1.000 | excellent |

#### Legend:

1. N, number of experts; Items 1 and 8 were validated in a second round by 11 participants; Items 12 and 20-33: validation by all participants who are familiar with the topic of VSED = N - (number „less familiar“ + number „not familiar at all“)

2. A = number of experts who agree to the item („agree“)

3. I-CVI = A/N

4. p<sub>c</sub>, probability of a chance occurrence; p<sub>c</sub> = [N!/(A!(N-A)!)] * 0.5<sup>N</sup>

5. k*, Kappa to determine relevance; k* = (I-CVI - p<sub>c</sub>)/(1-p<sub>c</sub>). Assessment: <0.40=poor, 0.40-0.75=fair to good, >0.75=excellent [37]

6. Item 1.1 and Item 8.1 are the results of the first round and Item 1.2 and Item 8.2 are the results of the second round.

7. Item 11 has been deleted

8. S-CVI/Ave = Σ<sub>i=0</sub>^n I - CVI/number of items

9. S-CVI/Ave = (“sum of the I-CVI of the items 1 to 39“ - „item 1.1 (1st round)” - „item 2.1 (1st round)” - item 11)/ 38 (items)

**Additional file 1 Calculation of I-CVI, S-CVI and Kappa [47]**
