Additional file 3: Complete coding frame with number of codings in each subcategory

### 1 Aspects of procedure evaluated
- 1.1 Exhaustion or excessive demand: 14
- 1.2 Insecurity about procedure: 9
- 1.3 Insecurity about topic: 5
- 1.4 Size of plenary assembly: 8
- 1.5 Time management: 8
- 1.6 Organizational issues: 8
- 1.7 Questioning work of small groups: 13
- 1.8 Missing information: 10
- 1.9 Other: 6

### 2 Aspects of methodology evaluated
- 2.1 Understanding: 15
- 2.2 Independence of dimensions: 6
- 2.3 Trade-off between dimensions: 9
- 2.4 Abstraction from personal level: 7
- 2.5 Finding consensus: 10
- 2.6 Unclear definitions: 29
- 2.7 Other: 4

### 3 Aspects of participants' behavior evaluated
- 3.1 Conversational atmosphere: 17
- 3.2 Interaction: 13
- 3.3 Balanced participation: 3
- 3.4 Unbalanced participation: 17
- 3.5 Willingness to find consensus: 17
- 3.6 Unwillingness to find consensus: 10
- 3.7 Moderation: 6
- 3.8 Other: 6

### 4 Aspects of research approach evaluated
- 4.1 Complexity of research question: 8
- 4.2 Assumptions and implementation: 6
- 4.3 Influencing results: 8
- 4.4 Ethical concerns: 11
- 4.5 Ethical acceptability: 3
- 4.6 Practical application: 6
- 4.7 Other: 0

### 5 Suggestions for improvement
- 5.1 Information for participants: 6
- 5.2 Approach for weighting: 3
5.3 Procedure for scoring 15
5.4 Group organization 4
5.5 Time management 3
5.6 Other 1

6 Reasons for evaluation of difference in attractiveness

6.1 Intuition 5
6.2 Expectations of society 9
6.3 Self-expectation 10
6.4 Satisfaction 10
6.5 Tolerance or Adjustment 15
6.6 Marginal benefit 21
6.7 Level of impairment 23
6.8 Needs 5
6.9 Autonomy or self-determination 23
6.10 Evaluation of an example 18
6.11 Unclear 8
6.12 Other reasons 4

7 Dimensions which should have greater weight

7.1 None 8
7.2 Physical functioning 1
7.3 Role limitation 1
7.4 Social functioning 0
7.5 Pain 5
7.6 Mental Health 4
7.7 Vitality 0

8 Dimensions which should have smaller weight

8.1 Physical functioning 1
8.2 Role limitation 1
8.3 Social functioning 0
8.4 Pain 0
8.5 Mental Health 0
8.6 Vitality 3

9 Difference in attractiveness

9.1 No difference 1
9.2 Very weak 4
9.3 Weak 4
9.4 Moderate 3
9.5 Strong 2
9.6 Very strong 8
9.7 Extreme 4