

Table 1. *Factor correlations, means and standard deviations*

|             | <i>Mean</i> | <i>s.d.</i> | <i>Exp</i> | <i>Risk</i> | <i>Env</i> | <i>Dia</i> | <i>Part</i> | <i>Con</i> | <i>Acc</i> | <i>For</i> | <i>Ease</i> | <i>Time</i> | <i>RI</i> |
|-------------|-------------|-------------|------------|-------------|------------|------------|-------------|------------|------------|------------|-------------|-------------|-----------|
| <i>Exp</i>  | 3.99        | 0.56        |            | 1           |            |            |             |            |            |            |             |             |           |
| <i>Risk</i> | 3.37        | 0.85        | 0.31**     |             | 1          |            |             |            |            |            |             |             |           |
| <i>Env</i>  | 3.69        | 0.67        | 0.18**     | 0.27**      |            | 1          |             |            |            |            |             |             |           |
| <i>Dia</i>  | 4.13        | 0.55        | 0.40**     | 0.28**      | 0.35**     |            | 1           |            |            |            |             |             |           |
| <i>Part</i> | 3.47        | 0.68        | 0.33**     | 0.32**      | 0.36**     | 0.50**     |             | 1          |            |            |             |             |           |
| <i>Con</i>  | 4.26        | 0.57        | 0.27**     | 0.17**      | 0.11       | 0.32**     | 0.29**      |            | 1          |            |             |             |           |
| <i>Acc</i>  | 4.19        | 0.66        | 0.30**     | 0.17**      | 0.09       | 0.29**     | 0.28**      | 0.82**     |            | 1          |             |             |           |
| <i>For</i>  | 4.19        | 0.64        | 0.28**     | 0.21**      | 0.14*      | 0.31**     | 0.36**      | 0.79**     | 0.83**     |            | 1           |             |           |
| <i>Ease</i> | 4.26        | 0.62        | 0.32**     | 0.21**      | 0.11       | 0.29**     | 0.32**      | 0.79**     | 0.84**     | 0.83**     |             | 1           |           |
| <i>Time</i> | 4.22        | 0.65        | 0.30**     | 0.21**      | 0.12       | 0.33**     | 0.32**      | 0.78**     | 0.83**     | 0.83**     | 0.86**      |             | 1         |
| <i>RI</i>   | 3.79        | 0.45        | 0.25**     | 0.15*       | 0.16**     | 0.33**     | 0.24**      | 0.25**     | 0.21**     | 0.18**     | 0.18**      | 0.18**      | 1         |

Notes: For the standard deviations and factor correlations, we used the mean of the items making up each dimension. Cronbach's alpha coefficients are given in parenthesis.

\* Significant correlation ( $p < 0.05$ ). Other correlations not marked with an asterisk present a significant correlation at  $p < 0.01$ .

Note: EXP = Experimentation; RISK= Acceptance of risk; ENV= Interaction with the external environment; DIA = Dialogue; PART = Participative decision-making; CON= Content; ACC= Accuracy; FOR= Format; Ease= Ease of use; TIME= Timeliness; RI= Radical innovation.

*Table 2. Reliability of the measurement scales*

| <b><i>Construct</i></b>                                    | <b><i>Composite reliability</i></b> | <b><i>Cronbach's alpha</i></b> |
|--|-------------------------------------|--------------------------------|
| <i>Experimentation (2 items)</i>                           | 0.81                                | 0.80                           |
| <i>Acceptance of risk (2 items)</i>                        | 0.85                                | 0.84                           |
| <i>Interaction with the external environment (3 items)</i> | 0.84                                | 0.83                           |
| <i>Dialogue (4 items)</i>                                  | 0.85                                | 0.85                           |
| <i>Participative decision-making (3 items)</i>             | 0.88                                | 0.87                           |
| <i>Content (4 items)</i>                                   | 0.66                                | 0.88                           |
| <i>Accuracy (2 items)</i>                                  | 0.73                                | 0.84                           |
| <i>Format (2 items)</i>                                    | 0.70                                | 0.82                           |
| <i>Ease of use (2 items)</i>                               | 0.79                                | 0.85                           |
| <i>Timeliness ( 2 items)</i>                               | 0.87                                | 0.93                           |
| <i>Radical innovation (5 items)</i>                        | 0.81                                | 0.80                           |

Table 3. Discriminant validity

|                    | <i>Exp</i> | <i>Risk</i> | <i>Env</i> | <i>Dia</i> | <i>Part</i> | <i>Con</i> | <i>Acc</i> | <i>For</i> | <i>Ease</i> | <i>Time</i> | <i>RI</i> |
|--------------------|------------|-------------|------------|------------|-------------|------------|------------|------------|-------------|-------------|-----------|
| <b><i>Exp</i></b>  | (0.68)     |             |            |            |             |            |            |            |             |             |           |
| <b><i>Risk</i></b> | 0.10       | (0.73)      |            |            |             |            |            |            |             |             |           |
| <b><i>Env</i></b>  | 0.03       | 0.07        | (0.63)     |            |             |            |            |            |             |             |           |
| <b><i>Dia</i></b>  | 0.16       | 0.08        | 0.12       | (0.59)     |             |            |            |            |             |             |           |
| <b><i>Part</i></b> | 0.11       | 0.10        | 0.13       | 0.25       | (0.71)      |            |            |            |             |             |           |
| <b><i>Con</i></b>  | 0.07       | 0.03        | 0.01       | 0.10       | 0.08        | (0.89)     |            |            |             |             |           |
| <b><i>Acc</i></b>  | 0.09       | 0.03        | 0.00       | 0.08       | 0.08        | 0.67       | (0.85)     |            |             |             |           |
| <b><i>For</i></b>  | 0.08       | 0.04        | 0.02       | 0.10       | 0.13        | 0.62       | 0.48       | (0.83)     |             |             |           |
| <b><i>Ease</i></b> | 0.10       | 0.04        | 0.01       | 0.08       | 0.10        | 0.62       | 0.71       | 0.69       | (0.88)      |             |           |
| <b><i>Time</i></b> | 0.09       | 0.04        | 0.01       | 0.11       | 0.10        | 0.61       | 0.69       | 0.69       | 0.74        | (0.93)      |           |
| <b><i>RI</i></b>   | 0.06       | 0.02        | 0.03       | 0.11       | 0.06        | 0.06       | 0.04       | 0.03       | 0.03        | 0.03        | (0.47)    |

Note: In parentheses, extracted mean variance. EXP = Experimentation; RISK= Acceptance of risk; ENV= Interaction with the external environment; DIA = Dialogue; PART = Participative decision-making; CON= Content; ACC= Accuracy; FOR= Format; Ease= Ease of use; TIME= Timeliness; RI= Radical innovation.

*Table 4. Structural equations to test the hypothesis that organizational learning capability mediates in the relationship between EUCS and radical innovation.*

| <i>Structural equation</i>   | <i>R</i> <sup>2</sup> |
|--|-----------------------|
| <b><i>Direct effect model</i></b>  |                       |
| $RI = 0.235 * EUCS + 0.08 * SIZE + 0.04 * SECTOR$                              | 0.063                 |
| ( $t = 2.960$ )      ( $t = 1.034$ )      ( $t = 0.681$ )                      |                       |
| <b><i>Mediation effect model</i></b>   |                       |
| $RI = 0.032 * EUCS + 0.434 * OLC + 0.092 * SIZE + 0.027 * SECTOR$              | 0.212                 |
| ( $t = 0.350$ )      ( $t = 3.018$ )      ( $t = 1.374$ )      ( $t = 0.435$ ) |                       |
| $OLC = 0.472 * EUCS$   | 0.222                 |
| ( $t = 4.096$ )  |                       |