## Significant Correlations (Explanee, exp act label) - 1.00 **1.00 0.23** -0.07 **0.13 0.16 0.06 0.03** -0.13 -0.06 **0.05** -0.07 **0.04** obj comprehension enabledness 0.23 1.00 -0.05 -0.03 0.04 **0.14** 0.01 -0.01 -0.09 -0.03 0.03 -0.07 - 0.75 -0.07 -0.05 **1.00 0.20 -0.19** 0.12 0.09 0.03 -0.00 -0.03 0.09 0.01 (E01) Testing understanding - 0.50 0.13 -0.03 **0.20 1.00 -0.26** 0.13 -0.06 -0.12 -0.07 -0.06 -0.14 **-0.17** (E02) Testing prior knowledge **-0.19 -0.26 1.00 -0.30 -**0.03 -0.07 -0.03 **0.10** (E03) Provide an explanation 0.16 0.11 0.01 - 0.25 **0.13 -0.30 1.00 -0.12 -0.11 -0.22 -0.13** 0.06 0.12 -0.09 -0.04 (E04) Ask for an explanation -0.00-0.06 -0.03 -0.12 **1.00 0.16** 0.11 -0.08 (E05) Signaling understanding 0.03 0.01 0.09 -0.04 **0.18** -0.12 -0.07 -0.11 **0.16 1.00 0.17** 0.12 (E06) Signaling non-understanding -0.13 -0.01 0.03 0.04 -0.00 -0.25-0.06 -0.09 -0.00 -0.07 -0.03 **-0.22** 0.11 **0.17** 1.00 0.07 0.07 (E07) Providing Feedback 0.16 -0.50(E08) Providing Assessment -0.13 0.07 -0.05 0.05 -0.03 -0.03 -0.06 0.10 -0.08 0.12 1.00 -0.10 (E09) Introducing Extraneous Information -0.07 0.11 -0.09 -0.04 0.04 0.07 -0.05 1.00 0.06 0.03 0.09 -0.14 -0.75-0.07 (E10) Other 0.04 0.01 -0.17 0.01 -0.04 0.18 -0.00 0.16 -0.10 0.06 1.00 (E01) Testing understanding (E02) Testing prior knowledge explanation E05) Signaling understanding (E08) Providing Assessment (E09) Introducing Extraneous Information (E10) Other obj\_comprehension enabledness (E04) Ask for an explanation (E06) Signaling non-understanding Feedback (E07) Providing (E03) Provide

-1.00