Supplementary information file D. The modified hesitant fuzzy linguistic preference relation matrix $\boldsymbol{R}_{h,g}$, the expected 2-tuple linguistic preference relation $\boldsymbol{E}_{\boldsymbol{R}h,\,g}$, and the additive consistent linguistic preference relation $\boldsymbol{C}_{\boldsymbol{R}h,\,g}$ of respondent h $(h=15,21,22,25,30)$ in the gth consistency improving iteration.

Respondent No.15

Iteration 1

$$\boldsymbol{R}_{15,1}=\begin{pmatrix}
\{s_0(1.00)\} & \{s_3(1.00)\} & \{s_{-2}(0.57),s_{-1}(0.43)\} & \{s_1(1.00)\} & \{s_2(0.44),s_3(0.33),s_4(0.22)\} & \{s_3(1.00)\} & \{s_{-3}(0.30),s_{-2}(0.40),s_{-1}(0.30)\}\\
\{s_{-3}(1.00)\} & \{s_0(1.00)\} & \{s_{-2}(0.57),s_{-1}(0.43)\} & \{s_{-4}(0.22),s_{-3}(0.33),s_{-2}(0.44)\} & \{s_{-1}(1.00)\} & \{s_1(1.00)\} & \{s_{-4}(0.10),s_{-3}(0.20),s_{-2}(0.30),s_{-1}(0.40)\}\\
\{s_1(0.43),s_2(0.57)\} & \{s_1(0.43),s_2(0.57)\} & \{s_0(1.00)\} & \{s_{-3}(0.45),s_{-2}(0.33),s_{-1}(0.22)\} & \{s_{-3}(0.45),s_{-2}(0.33),s_{-1}(0.22)\} & \{s_{-3}(0.45),s_{-2}(0.33),s_{-1}(0.22)\} & \{s_{-2}(1.00)\}\\
\{s_{-1}(1.00)\} & \{s_2(0.44),s_3(0.33),s_4(0.22)\} & \{s_1(0.22),s_2(0.33),s_3(0.45)\} & \{s_0(1.00)\} & \{s_1(0.43),s_2(0.57)\} & \{s_{-1}(1.00)\} & \{s_1(0.43),s_2(0.57)\}\\
\{s_{-4}(0.22),s_{-3}(0.33),s_{-2}(0.44)\} & \{s_1(1.00)\} & \{s_{-3}(0.45),s_{-2}(0.33),s_{-1}(0.22)\} & \{s_{-2}(0.57),s_{-1}(0.43)\} & \{s_0(1.00)\} & \{s_2(0.44),s_3(0.33),s_4(0.22)\} & \{s_{-3}(0.50),s_{-2}(0.50)\}\\
\{s_{-3}(1.00)\} & \{s_{-1}(1.00)\} & \{s_1(0.22),s_2(0.33),s_3(0.44)\} & \{s_1(1.00)\} & \{s_{-4}(0.22),s_{-3}(0.33),s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_{-2}(0.57),s_{-1}(0.43)\}\\
\{s_1(0.30),s_2(0.40),s_3(0.30)\} & \{s_1(0.40),s_2(0.30),s_3(0.20),s_4(0.10)\} & \{s_2(1.00)\} & \{s_{-2}(0.57),s_{-1}(0.43)\} & \{s_2(0.50),s_3(0.50)\} & \{s_1(0.43),s_2(0.57)\} & \{s_0(1.00)\}
\end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}15,\,1}=\begin{pmatrix}
(s_0,0) & (s_3,0) & (s_{-2},0.43) & (s_1,0) & (s_3,-0.22) & (s_3,0) & (s_{-2},0)\\
(s_{-3},0) & (s_0,0) & (s_{-2},0.43) & (s_{-3},0.22) & (s_{-1},0) & (s_1,0) & (s_{-2},0)\\
(s_2,-0.43) & (s_2,-0.43) & (s_0,0) & (s_{-2},-0.22) & (s_2,0.22) & (s_{-2},-0.22) & (s_{-2},0)\\
(s_{-1},0) & (s_3,-0.22) & (s_2,0.22) & (s_0,0) & (s_2,-0.43) & (s_{-1},0) & (s_2,-0.43)\\
(s_{-3},0.22) & (s_1,0) & (s_{-2},-0.22) & (s_{-2},0.43) & (s_0,0) & (s_3,-0.22) & (s_{-3},0.50)\\
(s_{-3},0) & (s_{-1},0) & (s_2,0.22) & (s_1,0) & (s_{-3},0.22) & (s_0,0) & (s_{-2},0.43)\\
(s_2,0) & (s_2,0) & (s_2,0) & (s_{-2},0.43) & (s_3,-0.50) & (s_2,-0.43) & (s_0,0)
\end{pmatrix}$$

$$\boldsymbol{CR}_{15,1} = \begin{pmatrix} (s_0,0) & (s_2,0.22) & (s_1,0.04) & (s_0,0.01) & (s_2,-0.36) & (s_2,-0.38) & (s_0,-0.33) \\ (s_{-2},-0.22) & (s_0,0) & (s_{-1},-0.18) & (s_{-2},-0.21) & (s_{-1},0.42) & (s_{-1},0.40) & (s_{-3},0.45) \\ (s_{-1},-0.04) & (s_1,0.18) & (s_0,0) & (s_{-1},-0.03) & (s_1,-0.40) & (s_1,-0.42) & (s_{-1},-0.37) \\ (s_0,-0.01) & (s_2,0.21) & (s_1,0.03) & (s_0,0) & (s_2,-0.37) & (s_2,-0.39) & (s_0,-0.34) \\ (s_{-2},0.36) & (s_1,-0.42) & (s_{-1},0.40) & (s_{-2},0.37) & (s_0,0) & (s_0,-0.02) & (s_{-2},0.03) \\ (s_{-2},0.38) & (s_1,-0.40) & (s_{-1},0.42) & (s_{-2},0.39) & (s_0,0.02) & (s_0,0) & (s_{-2},0.05) \\ (s_0,0.33) & (s_3,-0.45) & (s_1,0.37) & (s_0,0.34) & (s_2,-0.03) & (s_2,-0.05) & (s_0,0) \end{pmatrix}$$

Iteration 2

$$\boldsymbol{R}_{15,2} = \begin{pmatrix} \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} & \{s_1(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_3(1.00)\} & \{s_{-3}(0.30), s_{-2}(0.40), s_{-1}(0.30)\} \\ \{s_{-3}(1.00)\} & \{s_0(1.00)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-1}(1.00)\} & \{s_1(1.00)\} & \{s_{-4}(0.10), s_{-3}(0.20), s_{-2}(0.30), s_{-1}(0.40)\} \\ \{s_1(0.43), s_2(0.57)\} & \{s_1(0.43), s_2(0.57)\} & \{s_0(1.00)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-2}(1.00)\} \\ \{s_{-1}(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_1(0.22), s_2(0.33), s_3(0.45)\} & \{s_0(1.00)\} & \{s_1(0.43), s_2(0.57)\} & \{s_{-1}(1.00)\} & \{s_1(0.43), s_2(0.57)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_1(1.00)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} & \{s_0(1.00)\} & \{s_1(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_{-3}(1.00)\} & \{s_{-1}(1.00)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_1(1.00)\} & \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} \\ \{s_1(0.30), s_2(0.40), s_3(0.30)\} & \{s_1(0.40), s_2(0.30), s_3(0.20), s_4(0.10)\} & \{s_2(1.00)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(0.43), s_2(0.57)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{ER}_{15,2} = \begin{pmatrix} (s_0,0) & (s_3,0) & (s_{-2},0.43) & (s_1,0) & (s_3,-0.22) & (s_3,0) & (s_{-2},0) \\ (s_{-3},0) & (s_0,0) & (s_{-2},0.43) & (s_{-3},0.22) & (s_{-1},0) & (s_1,0) & (s_{-2},0) \\ (s_2,-0.43) & (s_2,-0.43) & (s_0,0) & (s_{-2},-0.22) & (s_2,0.22) & (s_{-2},-0.22) & (s_{-2},0) \\ (s_{-1},0) & (s_3,-0.22) & (s_2,0.22) & (s_0,0) & (s_2,-0.43) & (s_{-1},0) & (s_2,-0.43) \\ (s_{-3},0.22) & (s_1,0) & (s_{-2},-0.22) & (s_{-2},0.43) & (s_0,0) & (s_1,0) & (s_{-3},0.50) \\ (s_{-3},0) & (s_{-1},0) & (s_2,0.22) & (s_1,0) & (s_{-1},0) & (s_0,0) & (s_{-2},0.43) \\ (s_2,0) & (s_2,0) & (s_2,0) & (s_{-2},0.43) & (s_3,-0.50) & (s_2,-0.43) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}15,\,2} = \begin{pmatrix} (s_0,0) & (s_2,0.22) & (s_1,0.04) & (s_0,0.01) & (s_2,-0.10) & (s_1,0.37) & (s_0,-0.33) \\ (s_{-2},-0.22) & (s_0,0) & (s_{-1},-0.18) & (s_{-2},-0.21) & (s_0,-0.33) & (s_{-1},0.14) & (s_{-3},0.45) \\ (s_{-1},-0.04) & (s_1,0.18) & (s_0,0) & (s_{-1},-0.03) & (s_1,-0.14) & (s_0,0.32) & (s_{-1},-0.37) \\ (s_0,-0.01) & (s_2,0.21) & (s_1,0.03) & (s_0,0) & (s_2,-0.11) & (s_1,0.36) & (s_0,-0.34) \\ (s_{-2},0.10) & (s_0,0.33) & (s_{-1},0.14) & (s_{-2},0.11) & (s_0,0) & (s_{-1},0.47) & (s_{-2},-0.22) \\ (s_{-1},-0.37) & (s_1,-0.14) & (s_0,-0.32) & (s_{-1},-0.36) & (s_1,-0.47) & (s_0,0) & (s_{-2},0.31) \\ (s_0,0.33) & (s_3,-0.45) & (s_1,0.37) & (s_0,0.34) & (s_2,0.22) & (s_2,-0.31) & (s_0,0) \end{pmatrix}$$

Respondent No.21

Iteration 1

$$\boldsymbol{R}_{21,1} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_3(0.57), s_4(0.43)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_0(1.00)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_{-4}(1.00)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_{-3}(0.44), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_4(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}21,\,1} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},0.22) \\ (s_{-3},0.50) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,0.43) & (s_2,0.22) & (s_0,0) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_{-4},0) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_{-3},0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) \\ (s_3,0.43) & (s_{-2},-0.22) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_3,-0.22) & (s_0,0) & (s_4,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{CR}_{21,1} = \begin{pmatrix} (s_0,0) & (s_{-1},0.38) & (s_{-2},-0.05) & (s_{-3},0.38) & (s_2,-0.35) & (s_{-2},0.19) & (s_{-3},0.39) \\ (s_1,-0.38) & (s_0,0) & (s_{-1},-0.43) & (s_{-2},0) & (s_2,0.28) & (s_{-1},-0.19) & (s_{-2},0.01) \\ (s_2,0.05) & (s_1,0.43) & (s_0,0) & (s_{-1},0.43) & (s_4,-0.30) & (s_0,0.24) & (s_{-1},0.44) \\ (s_3,-0.38) & (s_2,0) & (s_1,-0.43) & (s_0,0) & (s_4,0) & (s_1,-0.19) & (s_0,0.01) \\ (s_{-2},0.35) & (s_{-2},-0.28) & (s_{-4},0.30) & (s_{-4},0) & (s_0,0) & (s_{-3},-0.47) & (s_{-4},0) \\ (s_2,-0.19) & (s_1,0.19) & (s_0,-0.24) & (s_{-1},0.19) & (s_3,0.47) & (s_0,0) & (s_{-1},0.20) \\ (s_3,-0.39) & (s_2,-0.01) & (s_1,-0.44) & (s_0,-0.01) & (s_4,0) & (s_1,-0.20) & (s_0,0) \end{pmatrix}$$

Iteration 2

$$\boldsymbol{R}_{21,2} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{ER}_{21,2} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},0.22) \\ (s_{-3},0.50) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,0.43) & (s_2,0.22) & (s_0,0) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_{-3},0.50) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_{-3},0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) \\ (s_3,0.43) & (s_{-2},-0.22) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_3,-0.22) & (s_0,0) & (s_3,-0.50) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}21,\,2} = \begin{pmatrix} (s_0,0) & (s_{-1},0.38) & (s_{-2},-0.26) & (s_{-3},0.38) & (s_2,-0.35) & (s_{-2},0.19) & (s_{-2},-0.40) \\ (s_1,-0.38) & (s_0,0) & (s_{-2},0.36) & (s_{-2},0) & (s_2,0.28) & (s_{-1},-0.19) & (s_{-2},0.23) \\ (s_2,0.26) & (s_2,-0.36) & (s_0,0) & (s_0,-0.36) & (s_4,-0.08) & (s_0,0.45) & (s_0,-0.13) \\ (s_3,-0.38) & (s_2,0) & (s_0,0.36) & (s_0,0) & (s_4,0) & (s_1,-0.19) & (s_0,0.23) \\ (s_{-2},0.35) & (s_{-2},-0.28) & (s_{-4},0.08) & (s_{-4},0) & (s_0,0) & (s_{-3},-0.47) & (s_{-4},0) \\ (s_2,-0.19) & (s_1,0.19) & (s_0,-0.45) & (s_{-1},0.19) & (s_3,0.47) & (s_0,0) & (s_{-1},0.42) \\ (s_2,0.40) & (s_2,-0.23) & (s_0,0.13) & (s_0,-0.23) & (s_4,0) & (s_1,-0.42) & (s_0,0) \end{pmatrix}$$

Iteration 3

$$\boldsymbol{R}_{21,\,3} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_3(0.57), s_4(0.43)\} & \{s_1(0.50), s_2(0.50)\} & \{s_0(1.00)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_0(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} \\ \{s_3(0.57), s_4(0.43)\} & \{s_{-2}(0.50), s_{-1}(0.50)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_0(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}21,\,3} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,-0.50) & (s_{-3},-0.43) & (s_{-3},0.22) \\ (s_{-3},0.50) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_3,0.43) & (s_2,-0.50) & (s_0,0) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_{-3},0.50) \\ (s_3,0.43) & (s_3,0.43) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_{-3},0.50) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_{-3},-0.43) & (s_0,0) & (s_{-3},-0.43) & (s_{-3},-0.43) \\ (s_3,0.43) & (s_{-2},0.50) & (s_0,0) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \\ (s_3,-0.22) & (s_0,0) & (s_3,-0.50) & (s_0,0) & (s_3,0.43) & (s_0,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}21,3} = \begin{pmatrix} (s_0,0) & (s_{-1},0.48) & (s_{-2},-0.26) & (s_{-3},0.38) & (s_2,-0.35) & (s_{-2},0.08) & (s_{-2},-0.40) \\ (s_1,-0.48) & (s_0,0) & (s_{-2},0.26) & (s_{-2},0) & (s_2,0.17) & (s_{-1},-0.40) & (s_{-2},0.12) \\ (s_2,0.26) & (s_2,-0.26) & (s_0,0) & (s_0,-0.36) & (s_4,-0.08) & (s_0,0.35) & (s_0,-0.13) \\ (s_3,-0.38) & (s_2,0.10) & (s_0,0.36) & (s_0,0) & (s_4,0) & (s_1,-0.30) & (s_0,0.23) \\ (s_{-2},0.35) & (s_{-2},-0.17) & (s_{-4},0.08) & (s_{-4},0) & (s_0,0) & (s_{-4},0.43) & (s_{-4},0) \\ (s_2,-0.08) & (s_1,0.40) & (s_0,-0.35) & (s_{-1},0.30) & (s_4,-0.43) & (s_0,0) & (s_0,-0.48) \\ (s_2,0.40) & (s_2,-0.12) & (s_0,0.13) & (s_0,-0.23) & (s_4,0) & (s_0,0.48) & (s_0,0) \end{pmatrix}$$

Respondent No.22

Iteration 1

$$\boldsymbol{R}_{22,1} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_2(0.50), s_3(0.50)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-2}(1.00)\} & \{s_3(0.57), s_4(0.43)\} & \{s_{-2}(1.00)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_1(1.00)\} & \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_3(0.57), s_4(0.43)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(0.30), s_2(0.40), s_3(0.30)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_{-2}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} \\ \{s_{-2}(1.00)\} & \{s_2(1.00)\} & \{s_1(0.43), s_2(0.57)\} & \{s_{-3}(0.30), s_{-2}(0.40), s_{-1}(0.30)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}22,1} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},0.22) & (s_{-3},0.22) & (s_3,-0.50) & (s_3,-0.22) & (s_2,0) \\ (s_{-3},0.50) & (s_0,0) & (s_{-1},0) & (s_{-3},0.50) & (s_{-2},0) & (s_3,0.43) & (s_{-2},0) \\ (s_3,-0.22) & (s_1,0) & (s_0,0) & (s_3,-0.50) & (s_3,0.43) & (s_2,0.22) & (s_{-2},0.43) \\ (s_3,-0.22) & (s_3,-0.50) & (s_{-3},0.50) & (s_0,0) & (s_3,-0.22) & (s_3,-0.50) & (s_2,0) \\ (s_{-3},0.50) & (s_2,0) & (s_{-3},-0.43) & (s_{-3},0.22) & (s_0,0) & (s_{-2},0) & (s_{-3},0.50) \\ (s_{-3},0.22) & (s_{-3},-0.43) & (s_{-2},-0.22) & (s_{-3},0.50) & (s_2,0) & (s_0,0) & (s_{-1},0) \\ (s_{-2},0) & (s_2,0) & (s_2,-0.43) & (s_{-2},0) & (s_3,-0.50) & (s_1,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}22,1} = \begin{pmatrix} (s_0,0) & (s_2,-0.46) & (s_{-1},0.12) & (s_{-1},0.17) & (s_2,0.20) & (s_2,0.02) & (s_0,0.16) \\ (s_{-2},0.46) & (s_0,0) & (s_{-2},-0.42) & (s_{-2},-0.38) & (s_1,-0.34) & (s_0,0.48) & (s_{-1},-0.38) \\ (s_1,-0.12) & (s_2,0.42) & (s_0,0) & (s_0,0.04) & (s_3,0.08) & (s_3,-0.10) & (s_1,0.04) \\ (s_1,-0.17) & (s_2,0.38) & (s_0,-0.04) & (s_0,0) & (s_3,0.04) & (s_3,-0.15) & (s_1,0) \\ (s_{-2},-0.20) & (s_{-1},0.34) & (s_{-3},-0.08) & (s_{-3},-0.04) & (s_0,0) & (s_0,-0.18) & (s_{-2},-0.04) \\ (s_{-2},-0.02) & (s_0,-0.48) & (s_{-3},0.10) & (s_{-3},0.15) & (s_0,0.18) & (s_0,0) & (s_{-2},0.14) \\ (s_0,-0.16) & (s_1,0.38) & (s_{-1},-0.04) & (s_{-1},0) & (s_2,0.04) & (s_2,-0.14) & (s_0,0) \end{pmatrix}$$

Iteration 2

$$\boldsymbol{R}_{22,2} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_2(0.50), s_3(0.50)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-2}(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_{-2}(1.00)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_1(1.00)\} & \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_3(0.57), s_4(0.43)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_{-2}(0.57), s_{-1}(0.43)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(0.30), s_2(0.40), s_3(0.30)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_{-2}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} \\ \{s_{-2}(1.00)\} & \{s_2(1.00)\} & \{s_1(0.43), s_2(0.57)\} & \{s_{-3}(0.30), s_{-2}(0.40), s_{-1}(0.30)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}22,2} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},0.22) & (s_{-3},0.22) & (s_3,-0.50) & (s_3,-0.22) & (s_2,0) \\ (s_{-3},0.50) & (s_0,0) & (s_{-1},0) & (s_{-3},0.50) & (s_{-2},0) & (s_3,-0.22) & (s_{-2},0) \\ (s_3,-0.22) & (s_1,0) & (s_0,0) & (s_3,-0.50) & (s_3,0.43) & (s_2,0.22) & (s_{-2},0.43) \\ (s_3,-0.22) & (s_3,-0.50) & (s_{-3},0.50) & (s_0,0) & (s_3,-0.22) & (s_3,-0.50) & (s_2,0) \\ (s_{-3},0.50) & (s_2,0) & (s_{-3},-0.43) & (s_{-3},0.22) & (s_0,0) & (s_{-2},0) & (s_{-3},0.50) \\ (s_{-3},0.22) & (s_{-3},0.22) & (s_{-2},-0.22) & (s_{-3},0.50) & (s_2,0) & (s_0,0) & (s_{-1},0) \\ (s_{-2},0) & (s_2,0) & (s_2,-0.43) & (s_{-2},0) & (s_3,-0.50) & (s_1,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}22,2} = \begin{pmatrix} (s_0,0) & (s_2,-0.37) & (s_{-1},0.12) & (s_{-1},0.17) & (s_2,0.20) & (s_2,-0.07) & (s_0,0.16) \\ (s_{-2},0.37) & (s_0,0) & (s_{-3},0.49) & (s_{-2},-0.47) & (s_1,-0.43) & (s_0,0.29) & (s_{-1},-0.47) \\ (s_1,-0.12) & (s_3,-0.49) & (s_0,0) & (s_0,0.04) & (s_3,0.08) & (s_3,-0.20) & (s_1,0.04) \\ (s_1,-0.17) & (s_2,0.47) & (s_0,-0.04) & (s_0,0) & (s_3,0.04) & (s_3,-0.24) & (s_1,0) \\ (s_{-2},-0.20) & (s_{-1},0.43) & (s_{-3},-0.08) & (s_{-3},-0.04) & (s_0,0) & (s_0,-0.28) & (s_{-2},-0.04) \\ (s_{-2},0.07) & (s_0,-0.29) & (s_{-3},0.20) & (s_{-3},0.24) & (s_0,0.28) & (s_0,0) & (s_{-2},0.24) \\ (s_0,-0.16) & (s_1,0.47) & (s_{-1},-0.04) & (s_{-1},0) & (s_2,0.04) & (s_2,-0.24) & (s_0,0) \end{pmatrix}$$

Iteration 3

$$\boldsymbol{R}_{22,3} = \begin{pmatrix} \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_2(0.50), s_3(0.50)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(1.00)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-2}(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_{-2}(1.00)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_1(1.00)\} & \{s_0(1.00)\} & \{s_2(0.50), s_3(0.50)\} & \{s_3(0.57), s_4(0.43)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_{-1}(1.00)\} \\ \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(0.30), s_2(0.40), s_3(0.30)\} \\ \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_0(1.00)\} & \{s_{-2}(1.00)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-3}(0.45), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_2(1.00)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} \\ \{s_{-2}(1.00)\} & \{s_2(1.00)\} & \{s_1(1.00)\} & \{s_{-3}(0.30), s_{-2}(0.40), s_{-1}(0.30)\} & \{s_2(0.50), s_3(0.50)\} & \{s_1(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}22,\,3} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},0.22) & (s_{-3},0.22) & (s_3,-0.50) & (s_3,-0.22) & (s_2,0) \\ (s_{-3},0.50) & (s_0,0) & (s_{-1},0) & (s_{-3},0.50) & (s_{-2},0) & (s_3,-0.22) & (s_{-2},0) \\ (s_3,-0.22) & (s_1,0) & (s_0,0) & (s_3,-0.50) & (s_3,0.43) & (s_2,0.22) & (s_{-1},0) \\ (s_3,-0.22) & (s_3,-0.50) & (s_{-3},0.50) & (s_0,0) & (s_3,-0.22) & (s_3,-0.50) & (s_2,0) \\ (s_{-3},0.50) & (s_2,0) & (s_{-3},-0.43) & (s_{-3},0.22) & (s_0,0) & (s_{-2},0) & (s_{-3},0.50) \\ (s_{-3},0.22) & (s_{-3},0.22) & (s_{-2},-0.22) & (s_{-3},0.50) & (s_2,0) & (s_0,0) & (s_{-1},0) \\ (s_{-2},0) & (s_2,0) & (s_1,0) & (s_{-2},0) & (s_3,-0.50) & (s_1,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}22,\,3} = \begin{pmatrix} (s_0,0) & (s_2,-0.37) & (s_{-1},0.04) & (s_{-1},0.17) & (s_2,0.20) & (s_2,-0.07) & (s_0,0.25) \\ (s_{-2},0.37) & (s_0,0) & (s_{-3},0.41) & (s_{-2},-0.47) & (s_1,-0.43) & (s_0,0.29) & (s_{-1},-0.39) \\ (s_1,-0.04) & (s_3,-0.41) & (s_0,0) & (s_0,0.12) & (s_3,0.16) & (s_3,-0.11) & (s_1,0.20) \\ (s_1,-0.17) & (s_2,0.47) & (s_0,-0.12) & (s_0,0) & (s_3,0.04) & (s_3,-0.24) & (s_1,0.08) \\ (s_{-2},-0.20) & (s_{-1},0.43) & (s_{-3},-0.16) & (s_{-3},-0.04) & (s_0,0) & (s_0,-0.28) & (s_{-2},0.04) \\ (s_{-2},0.07) & (s_0,-0.29) & (s_{-3},0.11) & (s_{-3},0.24) & (s_0,0.28) & (s_0,0) & (s_{-2},0.32) \\ (s_0,-0.25) & (s_1,0.39) & (s_{-1},-0.20) & (s_{-1},-0.08) & (s_2,-0.04) & (s_2,-0.32) & (s_0,0) \end{pmatrix}$$

Iteration 4

$$\boldsymbol{R}_{22,\,4} = \begin{pmatrix} \{s_0\,(1.00)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_{-4}\,(0.22),\, s_{-3}\,(0.33),\, s_{-2}\,(0.44)\} & \{s_{-4}\,(0.22),\, s_{-3}\,(0.33),\, s_{-2}\,(0.44)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_2\,(0.44),\, s_3\,(0.33),\, s_4\,(0.22)\} & \{s_2\,(1.00)\} \\ \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} & \{s_0\,(1.00)\} & \{s_{-1}\,(1.00)\} & \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} & \{s_{-1}\,(1.00)\} & \{s_2\,(0.44),\, s_3\,(0.33),\, s_4\,(0.22)\} & \{s_{-2}\,(1.00)\} \\ \{s_2\,(0.44),\, s_3\,(0.33),\, s_4\,(0.22)\} & \{s_1\,(1.00)\} & \{s_0\,(1.00)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_3\,(0.57),\, s_4\,(0.43)\} & \{s_1\,(0.22),\, s_2\,(0.33),\, s_3\,(0.44)\} & \{s_{-1}\,(1.00)\} \\ \{s_2\,(0.44),\, s_3\,(0.33),\, s_4\,(0.22)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} & \{s_0\,(1.00)\} & \{s_2\,(0.44),\, s_3\,(0.33),\, s_4\,(0.22)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_1\,(0.30),\, s_2\,(0.40),\, s_3\,(0.30)\} \\ \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} & \{s_1\,(1.00)\} & \{s_{-4}\,(0.43),\, s_{-3}\,(0.57)\} & \{s_{-4}\,(0.22),\, s_{-3}\,(0.33),\, s_{-2}\,(0.44)\} & \{s_0\,(1.00)\} & \{s_{-2}\,(1.00)\} & \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} \\ \{s_{-4}\,(0.22),\, s_{-3}\,(0.33),\, s_{-2}\,(0.44)\} & \{s_{-4}\,(0.22),\, s_{-3}\,(0.33),\, s_{-2}\,(0.44)\} & \{s_{-3}\,(0.45),\, s_{-2}\,(0.33),\, s_{-1}\,(0.22)\} & \{s_{-3}\,(0.50),\, s_{-2}\,(0.50)\} & \{s_2\,(1.00)\} & \{s_0\,(1.00)\} & \{s_{-1}\,(1.00)\} \\ \{s_{-2}\,(1.00)\} & \{s_2\,(1.00)\} & \{s_1\,(1.00)\} & \{s_{-3}\,(0.30),\, s_{-2}\,(0.40),\, s_{-1}\,(0.30)\} & \{s_2\,(0.50),\, s_3\,(0.50)\} & \{s_1\,(1.00)\} & \{s_0\,(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}22,4} = \begin{pmatrix} (s_0,0) & (s_3,-0.50) & (s_{-3},0.22) & (s_{-3},0.22) & (s_3,-0.50) & (s_3,-0.22) & (s_2,0) \\ (s_{-3},0.50) & (s_0,0) & (s_{-1},0) & (s_{-3},0.50) & (s_{-1},0) & (s_3,-0.22) & (s_{-2},0) \\ (s_3,-0.22) & (s_1,0) & (s_0,0) & (s_3,-0.50) & (s_3,0.43) & (s_2,0.22) & (s_{-1},0) \\ (s_3,-0.22) & (s_3,-0.50) & (s_{-3},0.50) & (s_0,0) & (s_3,-0.22) & (s_3,-0.50) & (s_2,0) \\ (s_{-3},0.50) & (s_1,0) & (s_{-3},-0.43) & (s_{-3},0.22) & (s_0,0) & (s_{-2},0) & (s_{-3},0.50) \\ (s_{-3},0.22) & (s_{-3},0.22) & (s_{-2},-0.22) & (s_{-3},0.50) & (s_2,0) & (s_0,0) & (s_{-1},0) \\ (s_{-2},0) & (s_2,0) & (s_1,0) & (s_{-2},0) & (s_3,-0.50) & (s_1,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}22,4} = \begin{pmatrix} (s_0,0) & (s_1,0.49) & (s_{-1},0.04) & (s_{-1},0.17) & (s_2,0.35) & (s_2,-0.07) & (s_0,0.25) \\ (s_{-1},-0.49) & (s_0,0) & (s_{-2},-0.45) & (s_{-2},-0.33) & (s_1,-0.15) & (s_0,0.44) & (s_{-1},-0.25) \\ (s_1,-0.04) & (s_2,0.45) & (s_0,0) & (s_0,0.12) & (s_3,0.30) & (s_3,-0.11) & (s_1,0.20) \\ (s_1,-0.17) & (s_2,0.33) & (s_0,-0.12) & (s_0,0) & (s_3,0.18) & (s_3,-0.24) & (s_1,0.08) \\ (s_{-2},-0.35) & (s_{-1},0.15) & (s_{-3},-0.30) & (s_{-3},-0.18) & (s_0,0) & (s_0,-0.42) & (s_{-2},-0.10) \\ (s_{-2},0.07) & (s_0,-0.44) & (s_3,0.11) & (s_{-3},0.24) & (s_0,0.42) & (s_0,0) & (s_{-2},0.32) \\ (s_0,-0.25) & (s_1,0.25) & (s_{-1},-0.20) & (s_{-1},-0.08) & (s_2,0.10) & (s_2,-0.32) & (s_0,0) \end{pmatrix}$$

Respondent No.25
Iteration 1

$$\boldsymbol{R}_{25,1} = \begin{pmatrix} \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_4(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-3}(1.00)\} & \{s_0(1.00)\} & \{s_1(1.00)\} & \{s_0(1.00)\} & \{s_1(1.00)\} & \{s_{-3}(1.00)\} & \{s_{-3}(1.00)\} \\ \{s_1(1.00)\} & \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_2(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-4}(1.00)\} & \{s_{-1}(1.00)\} & \{s_{-3}(1.00)\} & \{s_{-2}(1.00)\} & \{s_0(1.00)\} & \{s_{-3}(1.00)\} & \{s_2(1.00)\} \\ \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_0(1.00)\} & \{s_3(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_{-2}(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}25,1} = \begin{pmatrix} (s_0,0) & (s_3,0) & (s_{-1},0) & (s_0,0) & (s_4,0) & (s_0,0) & (s_0,0) \\ (s_{-3},0) & (s_0,0) & (s_1,0) & (s_0,0) & (s_1,0) & (s_{-3},0) & (s_{-3},0) \\ (s_1,0) & (s_{-1},0) & (s_0,0) & (s_0,0) & (s_3,0) & (s_0,0) & (s_0,0) \\ (s_0,0) & (s_0,0) & (s_0,0) & (s_0,0) & (s_2,0) & (s_0,0) & (s_0,0) \\ (s_{-4},0) & (s_{-1},0) & (s_{-3},0) & (s_{-2},0) & (s_0,0) & (s_{-3},0) & (s_2,0) \\ (s_0,0) & (s_3,0) & (s_0,0) & (s_0,0) & (s_3,0) & (s_0,0) & (s_0,0) \\ (s_0,0) & (s_3,0) & (s_0,0) & (s_0,0) & (s_{-2},0) & (s_0,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}25,1} = \begin{pmatrix} (s_0,0) & (s_2,-0.14) & (s_0,0.43) & (s_1,-0.43) & (s_2,0.43) & (s_0,0) & (s_1,-0.29) \\ (s_{-2},0.14) & (s_0,0) & (s_{-1},-0.43) & (s_{-1},-0.29) & (s_1,-0.43) & (s_{-2},0.14) & (s_{-1},-0.14) \\ (s_0,-0.43) & (s_1,0.43) & (s_0,0) & (s_0,0.14) & (s_2,0) & (s_0,-0.43) & (s_0,0.29) \\ (s_{-1},0.43) & (s_1,0.29) & (s_0,-0.14) & (s_0,0) & (s_2,-0.14) & (s_{-1},0.43) & (s_0,0.14) \\ (s_{-2},-0.43) & (s_{-1},-0.43) & (s_{-2},0) & (s_{-2},0.14) & (s_0,0) & (s_{-2},-0.43) & (s_{-2},0.29) \\ (s_0,0) & (s_2,-0.14) & (s_0,0.43) & (s_1,-0.43) & (s_2,0.43) & (s_0,0) & (s_1,-0.29) \\ (s_{-1},0.29) & (s_1,0.14) & (s_0,-0.29) & (s_0,-0.14) & (s_2,-0.29) & (s_{-1},0.29) & (s_0,0) \end{pmatrix}$$

Respondent No.30

Iteration 1

$$\boldsymbol{R}_{30,1} = \begin{pmatrix} \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_3(0.57), s_4(0.43)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} & \{s_{-3}(0.50), s_{-2}(0.50)\} \\ \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_1(1.00)\} & \{s_0(1.00)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_{-3}(0.44), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_{-1}(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} & \{s_1(0.22), s_2(0.33), s_3(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_{-4}(0.43), s_{-3}(0.57)\} & \{s_0(1.00)\} & \{s_1(1.00)\} & \{s_{-3}(0.44), s_{-2}(0.33), s_{-1}(0.22)\} & \{s_0(1.00)\} & \{s_{-4}(1.00)\} & \{s_{-4}(0.22), s_{-3}(0.33), s_{-2}(0.44)\} \\ \{s_2(0.50), s_3(0.50)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_4(1.00)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \\ \{s_2(0.50), s_3(0.50)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_0(1.00)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_2(0.44), s_3(0.33), s_4(0.22)\} & \{s_0(1.00)\} & \{s_0(1.00)\} \end{pmatrix}$$

$$\boldsymbol{E}_{\boldsymbol{R}30,1} = \begin{pmatrix} (s_0,0) & (s_0,0) & (s_3,-0.22) & (s_2,0.22) & (s_3,0.43) & (s_{-3},0.50) & (s_{-3},0.50) \\ (s_0,0) & (s_0,0) & (s_{-3},0.22) & (s_1,0) & (s_0,0) & (s_{-3},0.22) & (s_{-3},0.22) \\ (s_{-3},0.22) & (s_3,-0.22) & (s_0,0) & (s_0,0) & (s_{-1},0) & (s_0,0) & (s_0,0) \\ (s_{-2},-0.22) & (s_{-1},0) & (s_0,0) & (s_0,0) & (s_2,0.22) & (s_{-3},0.22) & (s_{-3},0.22) \\ (s_{-3},-0.43) & (s_0,0) & (s_1,0) & (s_{-2},-0.22) & (s_0,0) & (s_{-4},0) & (s_{-3},0.22) \\ (s_3,-0.50) & (s_3,-0.22) & (s_0,0) & (s_3,-0.22) & (s_4,0) & (s_0,0) & (s_0,0) \\ (s_3,-0.50) & (s_3,-0.22) & (s_0,0) & (s_3,-0.22) & (s_3,-0.22) & (s_0,0) & (s_0,0) \end{pmatrix}$$

$$\boldsymbol{C}_{\boldsymbol{R}30,1} = \begin{pmatrix} (s_0,0) & (s_2,-0.46) & (s_1,-0.37) & (s_1,0.43) & (s_2,0.12) & (s_{-1},-0.23) & (s_{-1},-0.06) \\ (s_{-2},0.46) & (s_0,0) & (s_{-1},0.10) & (s_0,-0.11) & (s_1,-0.41) & (s_{-3},0.23) & (s_{-3},0.40) \\ (s_{-1},0.37) & (s_1,-0.10) & (s_0,0) & (s_1,-0.21) & (s_1,0.49) & (s_{-2},0.13) & (s_{-2},0.31) \\ (s_{-1},-0.43) & (s_0,0.11) & (s_{-1},0.21) & (s_0,0) & (s_1,-0.30) & (s_{-3},0.34) & (s_{-2},-0.48) \\ (s_{-2},-0.12) & (s_{-1},0.41) & (s_{-1},-0.49) & (s_{-1},0.30) & (s_0,0) & (s_{-3},-0.35) & (s_{-3},-0.18) \\ (s_1,0.23) & (s_3,-0.23) & (s_2,-0.13) & (s_3,-0.34) & (s_3,0.35) & (s_0,0) & (s_0,0.17) \\ (s_1,0.06) & (s_3,-0.40) & (s_2,-0.31) & (s_2,0.48) & (s_3,0.18) & (s_0,-0.17) & (s_0,0) \end{pmatrix}$$