Since including these tables in the main text would make the document excessively lengthy, a separate file containing the full experimental data tables has been provided. Below is the detailed content of these tables.

**Table 1**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.49, 0.67,0.72) | (0.41, 0.85, 0.10) | (0.95, 0.42, 0.82) | (0.16, 0.34, 0.97) | (0.82, 0.48, 0.96) |
| *C*2 | (0.94, 0.52,0.70) | (0.58, 0.26, 0.55) | (0.22, 0.81, 0.83) | (0.72, 0.56, 0.70) | (0.22, 0.68, 0.68) |
| *C*3 | (0.23, 0.50,0.04) | (0.70, 0.85, 0.13) | (0.24, 0.34, 0.51) | (0.09, 0.85, 0.92) | (0.12, 0.89, 0.99) |
| *C*4 | (0.80, 0.65,0.90) | (0.08, 0.54, 0.18) | (0.69, 0.56, 0.69) | (0.52, 0.82, 0.12) | (0.07, 0.03, 0.93) |
| *C*5 | (0.72, 0.53,0.05) | (0.61, 0.45, 0.64) | (0.13, 0.15, 0.65) | (0.04, 0.42, 0.40) | (0.09, 0.84, 0.55) |
| *C*6 | (0.50, 0.96,0.10) | (0.84, 0.95, 0.10) | (0.49, 0.83, 0.63) | (0.48, 0.93, 0.34) | (0.06, 0.72, 0.13) |
| *C*7 | (0.75, 0.60,0.70) | (0.11, 0.92, 0.42) | (0.16, 0.49, 0.63) | (0.46, 0.13, 0.88) | (0.67, 0.14, 0.54) |
| *C*8 | (0.12, 0.29,0.96) | (0.10, 0.08, 0.39) | (0.92, 0.05, 0.66) | (0.44, 0.66, 0.21) | (0.14, 0.33, 0.68) |
| *C*9 | (0.64, 0.67,0.86) | (0.99, 0.94, 0.35) | (0.22, 0.60, 0.41) | (0.32, 0.92, 0.21) | (0.36, 0.41, 1.00) |
| *C*10 | (0.96, 0.79,0.14) | (0.68, 0.40, 0.61) | (0.20, 0.70, 0.37) | (0.67, 0.97, 0.35) | (0.32, 0.27, 0.31) |
| *C*11 | (0.26, 0.21,0.83) | (0.90, 0.07, 0.28) | (0.50, 0.77, 0.59) | (0.62, 0.15, 0.37) | (0.06, 0.07, 0.37) |
| *C*12 | (0.15, 0.03,0.34) | (0.22, 0.04, 0.55) | (0.89, 0.53, 0.42) | (0.95, 0.72, 0.17) | (0.58, 0.55, 0.84) |
| *C*13 | (0.09, 0.78,0.06) | (0.18, 0.48, 0.09) | (0.10, 0.10, 0.48) | (0.49, 0.10, 0.88) | (0.56, 0.81, 0.88) |
| *C*14 | (0.36, 0.24,0.23) | (0.13, 0.36, 0.24) | (0.12, 0.40, 0.73) | (0.32, 0.12, 0.56) | (0.62, 0.75, 0.39) |
| *C*15 | (0.03, 0.60,0.63) | (0.29, 0.70, 0.01) | (0.95, 0.60, 0.04) | (0.86, 0.31, 0.30) | (0.11, 0.46, 0.02) |
| *C*16 | (0.12, 0.16,0.87) | (0.95, 0.66, 0.14) | (0.49, 0.57, 0.70) | (0.33, 0.98, 0.23) | (0.90, 0.86, 0.11) |
| *C*17 | (0.68, 0.93,0.06) | (0.92, 0.01, 0.55) | (0.30, 0.62, 0.25) | (0.69, 0.79, 0.96) | (0.94, 0.20, 0.08) |
| *C*18 | (0.49, 0.99,0.42) | (0.29, 0.13, 0.63) | (0.99, 0.74, 0.42) | (0.58, 0.69, 0.74) | (0.88, 0.08, 0.54) |
| *C*19 | (0.95, 0.21,0.17) | (0.29, 0.47, 0.27) | (0.77, 0.22, 0.89) | (0.18, 0.51, 0.32) | (0.26, 0.92, 0.93) |
| *C*20 | (0.61, 0.57,0.98) | (0.27, 0.66, 0.88) | (0.77, 0.38, 0.88) | (0.22, 0.52, 0.59) | (0.33, 0.03, 0.12) |
| *C*21 | (0.20, 1.00,0.25) | (0.71, 0.30, 0.50) | (0.12, 0.20, 0.83) | (0.50, 0.60, 0.52) | (0.74, 0.65, 0.32) |
| *C*22 | (0.80, 0.90,0.16) | (0.32, 0.23, 0.40) | (0.71, 0.13, 0.40) | (0.06, 0.17, 0.19) | (0.26, 0.80, 0.07) |

**Table 2**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.62, 0.51, 0.10) | (0.15, 0.82, 0.03) | (0.38, 0.44, 0.38) | (0.84, 0.66, 0.27) | (0.55, 0.80, 0.51) |
| *C*2 | (0.53, 0.89, 0.93) | (0.38, 0.88, 0.28) | (0.05, 0.84, 0.26) | (0.56, 0.02, 0.70) | (0.72, 0.92, 0.37) |
| *C*3 | (0.24, 0.96, 0.03) | (0.72, 0.74, 0.55) | (0.35, 0.86, 0.13) | (0.98, 0.02, 0.07) | (0.83, 0.66, 0.79) |
| *C*4 | (0.74, 0.55, 0.53) | (0.65, 0.27, 0.84) | (0.16, 0.15, 0.59) | (0.81, 0.20, 0.11) | (0.42, 0.83, 0.99) |
| *C*5 | (0.13, 0.28, 0.10) | (0.82, 0.32, 0.09) | (0.60, 0.76, 0.72) | (0.48, 0.58, 0.31) | (0.34, 0.40, 0.47) |
| *C*6 | (0.21, 0.97, 0.24) | (0.39, 0.97, 0.97) | (0.86, 0.55, 0.62) | (0.59, 0.94, 0.83) | (0.53, 0.27, 0.83) |
| *C*7 | (0.45, 0.11, 0.88) | (0.28, 0.55, 0.37) | (0.89, 0.30, 0.79) | (0.51, 0.06, 0.49) | (0.46, 0.80, 0.55) |
| *C*8 | (0.76, 0.95, 0.44) | (0.95, 0.35, 0.47) | (0.54, 0.22, 0.56) | (0.18, 0.02, 0.70) | (0.18, 0.49, 0.38) |
| *C*9 | (0.55, 0.75, 0.29) | (0.77, 0.67, 0.92) | (0.09, 0.90, 0.07) | (0.09, 0.08, 0.09) | (0.64, 0.92, 0.50) |
| *C*10 | (0.50, 0.55, 0.16) | (0.73, 0.36, 0.93) | (0.59, 0.58, 0.19) | (0.89, 0.28, 0.69) | (0.43, 0.49, 0.17) |
| *C*11 | (0.11, 0.60, 0.96) | (0.47, 0.51, 0.41) | (0.57, 0.72, 0.04) | (0.05, 0.65, 0.48) | (0.10, 0.14, 0.25) |
| *C*12 | (0.34, 0.43, 0.62) | (0.30, 0.83, 0.47) | (0.44, 0.64, 0.79) | (0.22, 0.34, 0.21) | (0.29, 0.01, 0.15) |
| *C*13 | (0.63, 0.36, 0.36) | (0.02, 0.10, 0.51) | (0.14, 0.50, 0.49) | (0.27, 0.22, 0.94) | (0.57, 0.17, 0.28) |
| *C*14 | (0.98, 0.06, 0.02) | (0.73, 0.23, 0.46) | (0.77, 0.91, 0.49) | (0.39, 0.22, 0.20) | (0.73, 0.41, 0.53) |
| *C*15 | (0.82, 0.89, 0.22) | (0.22, 0.71, 0.72) | (0.52, 0.05, 0.73) | (0.58, 0.79, 0.14) | (0.19, 0.74, 0.67) |
| *C*16 | (0.51, 0.53, 0.30) | (0.15, 0.41, 0.17) | (0.96, 0.94, 0.68) | (0.78, 0.10, 0.94) | (0.43, 0.55, 0.17) |
| *C*17 | (0.94, 0.76, 0.25) | (0.22, 0.72, 0.91) | (0.13, 0.59, 0.93) | (0.88, 0.39, 0.25) | (0.84, 0.99, 0.66) |
| *C*18 | (0.52, 0.60, 0.67) | (0.83, 0.56, 0.21) | (0.11, 0.05, 0.03) | (0.79, 0.68, 0.37) | (0.41, 0.73, 0.25) |
| *C*19 | (0.82, 0.64, 0.38) | (0.50, 0.38, 0.33) | (0.89, 0.23, 0.88) | (0.40, 0.54, 0.52) | (0.45, 0.77, 0.42) |
| *C*20 | (0.06, 0.24, 0.57) | (0.27, 0.84, 0.16) | (0.49, 0.52, 0.99) | (0.32, 0.83, 0.31) | (0.11, 0.45, 0.06) |
| *C*21 | (0.87, 0.18, 0.02) | (0.97, 0.94, 0.19) | (0.84, 0.86, 0.97) | (0.43, 0.09, 0.03) | (0.97, 0.17, 0.79) |
| *C*22 | (0.12, 0.39, 0.62) | (0.39, 0.58, 0.62) | (0.05, 0.63, 0.57) | (0.52, 0.35, 0.87) | (0.45, 0.47, 0.69) |

**Table 3**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.97, 0.86, 0.79) | (0.62, 0.01, 0.49) | (0.91, 0.44, 0.37) | (0.24, 0.92, 0.23) | (0.14, 0.70, 0.38) |
| *C*2 | (0.64, 0.05, 0.43) | (0.41, 0.04, 0.79) | (0.29, 0.58, 0.20) | (0.87, 0.22, 0.16) | (0.92, 0.25, 0.97) |
| *C*3 | (0.63, 1.00, 0.67) | (0.03, 0.46, 0.56) | (0.09, 0.59, 0.18) | (0.44, 0.78, 0.88) | (0.47, 0.10, 0.86) |
| *C*4 | (0.72, 0.28, 0.55) | (0.81, 0.66, 0.54) | (0.84, 0.72, 0.18) | (0.90, 0.10, 0.71) | (0.16, 0.32, 0.36) |
| *C*5 | (0.34, 0.83, 0.49) | (0.61, 0.62, 0.22) | (0.72, 0.39, 0.73) | (0.50, 0.36, 0.10) | (0.59, 0.40, 0.88) |
| *C*6 | (0.07, 0.92, 0.76) | (0.30, 0.93, 0.60) | (0.54, 0.47, 0.13) | (0.37, 0.91, 0.92) | (0.18, 0.64, 0.16) |
| *C*7 | (0.83, 0.20, 0.34) | (0.84, 0.39, 0.53) | (0.28, 0.45, 0.95) | (0.72, 0.61, 0.76) | (0.15, 0.03, 0.19) |
| *C*8 | (0.11, 0.29, 0.62) | (0.87, 0.22, 0.57) | (0.38, 0.92, 0.57) | (0.78, 0.40, 0.97) | (0.62, 0.75, 0.77) |
| *C*9 | (0.63, 0.87, 0.94) | (0.91, 0.04, 0.98) | (0.42, 0.68, 0.56) | (0.49, 0.56, 0.91) | (0.66, 0.34, 0.33) |
| *C*10 | (0.17, 0.57, 0.63) | (0.47, 0.55, 0.56) | (0.24, 0.98, 0.93) | (0.40, 0.76, 0.71) | (0.01, 0.72, 0.66) |
| *C*11 | (0.82, 0.56, 0.84) | (0.12, 0.63, 0.64) | (0.55, 0.76, 0.14) | (0.95, 0.87, 0.39) | (0.21, 0.15, 0.54) |
| *C*12 | (0.89, 0.08, 0.76) | (0.33, 0.80, 0.02) | (0.70, 0.59, 0.44) | (0.85, 0.59, 0.39) | (0.40, 0.27, 0.36) |
| *C*13 | (0.26, 0.23, 0.17) | (0.20, 0.34, 0.44) | (0.69, 0.44, 0.76) | (0.71, 0.35, 0.33) | (0.00, 0.46, 0.59) |
| *C*14 | (0.53, 0.10, 0.02) | (0.33, 0.11, 0.23) | (0.57, 0.16, 0.24) | (0.98, 0.52, 0.58) | (0.44, 0.03, 0.49) |
| *C*15 | (0.34, 0.42, 0.08) | (0.73, 0.77, 0.64) | (0.50, 0.70, 0.27) | (0.62, 0.60, 0.74) | (0.60, 0.65, 0.88) |
| *C*16 | (0.07, 0.42, 0.09) | (0.57, 0.80, 0.76) | (0.97, 0.24, 0.61) | (0.44, 0.28, 0.87) | (0.70, 0.15, 0.36) |
| *C*17 | (0.50, 0.14, 0.92) | (0.21, 0.19, 0.43) | (0.18, 0.02, 0.14) | (0.73, 0.88, 0.44) | (0.29, 0.54, 0.46) |
| *C*18 | (0.05, 0.22, 0.56) | (0.72, 0.47, 0.52) | (0.45, 0.25, 0.82) | (0.22, 0.27, 0.93) | (0.46, 0.99, 0.10) |
| *C*19 | (0.34, 0.32, 0.90) | (0.51, 0.62, 0.14) | (0.06, 0.43, 0.64) | (0.41, 0.75, 0.37) | (0.26, 0.11, 0.62) |
| *C*20 | (0.70, 0.33, 0.77) | (0.94, 0.31, 0.32) | (0.30, 0.80, 0.48) | (0.76, 0.28, 0.53) | (0.51, 0.46, 0.73) |
| *C*21 | (0.30, 0.70, 0.93) | (0.84, 0.30, 0.43) | (0.78, 0.15, 0.20) | (0.35, 0.77, 0.09) | (0.10, 0.49, 0.75) |
| *C*22 | (0.38, 0.45, 0.23) | (0.65, 0.41, 0.73) | (0.99, 0.54, 0.99) | (0.01, 0.79, 0.13) | (0.88, 0.72, 0.02) |

**Table 4**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.15, 0.97, 0.52) | (0.79, 0.45, 0.37) | (0.17, 0.88, 0.56) | (0.50, 0.14, 0.65) | (0.91, 0.26, 0.07) |
| *C*2 | (0.58, 0.93, 0.89) | (0.41, 0.97, 0.35) | (0.26, 0.46, 0.78) | (0.44, 0.51, 0.33) | (0.11, 0.76, 0.42) |
| *C*3 | (0.72, 0.94, 0.36) | (0.43, 0.08, 0.56) | (0.98, 0.91, 0.29) | (0.35, 0.64, 0.22) | (0.42, 0.80, 0.34) |
| *C*4 | (0.58, 0.17, 0.01) | (0.68, 0.38, 0.43) | (0.47, 0.00, 0.34) | (0.58, 0.29, 0.76) | (0.15, 0.82, 0.93) |
| *C*5 | (0.88, 0.96, 0.60) | (0.41, 0.90, 0.62) | (0.54, 0.44, 0.48) | (0.61, 0.19, 0.55) | (0.61, 0.64, 0.96) |
| *C*6 | (0.90, 0.90, 0.14) | (0.34, 0.18, 0.48) | (0.61, 0.09, 0.26) | (0.29, 0.79, 0.07) | (0.91, 0.91, 0.44) |
| *C*7 | (0.31, 0.56, 0.82) | (0.36, 0.63, 0.83) | (0.46, 0.76, 0.85) | (0.36, 0.79, 0.67) | (0.42, 0.87, 0.97) |
| *C*8 | (0.95, 0.96, 0.57) | (0.60, 0.74, 0.85) | (0.21, 0.17, 0.37) | (0.11, 0.45, 0.39) | (0.20, 0.13, 0.96) |
| *C*9 | (0.04, 0.45, 0.72) | (0.72, 0.76, 0.60) | (0.84, 0.84, 0.19) | (0.04, 0.27, 0.64) | (0.50, 0.23, 0.57) |
| *C*10 | (0.23, 0.31, 0.10) | (0.35, 0.83, 0.69) | (0.02, 0.71, 0.21) | (0.47, 0.66, 0.58) | (0.19, 0.66, 0.48) |
| *C*11 | (0.95, 0.55, 0.99) | (0.48, 0.65, 0.41) | (0.21, 0.81, 0.44) | (0.20, 0.90, 0.41) | (0.08, 0.89, 0.83) |
| *C*12 | (0.13, 0.61, 0.02) | (0.50, 0.89, 0.30) | (0.91, 0.56, 0.26) | (0.42, 0.86, 0.92) | (0.40, 0.78, 0.12) |
| *C*13 | (0.93, 0.67, 0.02) | (0.13, 0.18, 0.05) | (1.00, 0.66, 0.81) | (0.46, 0.80, 0.95) | (0.65, 0.30, 0.80) |
| *C*14 | (0.99, 0.09, 0.01) | (0.23, 0.18, 0.64) | (0.13, 0.67, 0.52) | (0.84, 0.86, 0.12) | (0.51, 0.81, 0.42) |
| *C*15 | (0.82, 0.10, 0.27) | (0.05, 0.76, 0.64) | (0.02, 0.44, 0.23) | (0.01, 0.10, 0.77) | (0.82, 0.48, 0.58) |
| *C*16 | (0.27, 0.14, 0.01) | (0.69, 0.81, 0.43) | (0.34, 0.72, 0.11) | (0.18, 0.95, 0.53) | (0.95, 0.33, 0.62) |
| *C*17 | (0.84, 0.99, 0.38) | (0.64, 0.63, 0.97) | (0.92, 0.99, 0.26) | (0.92, 0.58, 0.59) | (0.01, 0.12, 0.79) |
| *C*18 | (0.02, 0.82, 0.04) | (0.87, 0.83, 0.17) | (0.90, 0.61, 0.36) | (0.34, 0.35, 0.86) | (0.69, 0.68, 0.91) |
| *C*19 | (0.54, 0.30, 0.53) | (0.74, 0.63, 0.69) | (0.24, 0.38, 0.86) | (0.06, 0.41, 0.28) | (0.21, 0.27, 0.06) |
| *C*20 | (0.62, 0.87, 0.31) | (0.49, 0.53, 0.22) | (0.55, 0.31, 0.57) | (0.98, 0.72, 0.47) | (0.95, 0.51, 0.68) |
| *C*21 | (0.24, 0.21, 0.54) | (0.86, 0.18, 0.64) | (0.77, 0.41, 0.36) | (0.20, 0.70, 0.41) | (0.82, 0.07, 0.58) |
| *C*22 | (0.07, 0.66, 0.52) | (0.78, 0.99, 0.56) | (0.01, 0.71, 0.30) | (0.19, 0.94, 0.81) | (0.04, 0.25, 0.31) |

**Table 5**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.64, 0.95, 0.80) | (0.24, 0.88, 0.42) | (0.39, 0.02, 0.31) | (0.31, 0.61, 0.12) | (0.67, 0.28, 0.04) |
| *C*2 | (0.31, 0.74, 0.72) | (0.63, 0.43, 0.18) | (0.57, 0.31, 0.19) | (0.77, 0.76, 0.79) | (0.97, 0.71, 0.07) |
| *C*3 | (0.11, 0.98, 0.01) | (0.01, 0.29, 0.13) | (0.89, 0.41, 0.77) | (0.16, 0.20, 0.52) | (0.81, 0.36, 0.67) |
| *C*4 | (0.20, 0.59, 0.33) | (0.10, 0.63, 0.85) | (0.24, 0.73, 0.44) | (0.61, 0.39, 0.16) | (0.80, 0.46, 0.16) |
| *C*5 | (0.29, 0.92, 0.05) | (0.10, 0.08, 0.29) | (0.63, 0.66, 0.45) | (0.48, 0.04, 0.02) | (0.68, 0.42, 0.57) |
| *C*6 | (0.14, 0.50, 0.42) | (0.61, 0.26, 0.48) | (0.70, 0.29, 0.95) | (0.08, 0.00, 0.51) | (0.17, 0.76, 0.49) |
| *C*7 | (0.77, 0.16, 0.29) | (0.31, 0.53, 0.18) | (0.77, 0.22, 0.00) | (0.49, 0.75, 0.83) | (0.55, 0.66, 0.81) |
| *C*8 | (0.60, 0.49, 0.82) | (0.19, 0.64, 0.17) | (0.13, 0.63, 0.22) | (0.90, 0.48, 0.77) | (0.14, 0.40, 0.78) |
| *C*9 | (0.94, 0.17, 0.37) | (0.51, 0.21, 0.57) | (0.38, 0.26, 0.28) | (0.22, 0.95, 0.19) | (0.62, 0.26, 0.39) |
| *C*10 | (0.62, 0.71, 0.03) | (0.27, 0.74, 0.52) | (0.06, 0.62, 0.04) | (0.05, 0.40, 0.90) | (0.23, 0.96, 0.45) |
| *C*11 | (0.85, 0.42, 0.96) | (0.30, 0.56, 0.65) | (0.46, 0.02, 0.18) | (0.59, 0.18, 0.03) | (0.68, 0.90, 0.75) |
| *C*12 | (0.20, 0.91, 0.34) | (0.48, 0.93, 0.57) | (0.96, 0.13, 0.24) | (0.55, 0.27, 0.22) | (0.85, 0.61, 0.61) |
| *C*13 | (0.92, 0.65, 0.31) | (0.40, 0.65, 0.36) | (0.38, 0.59, 0.55) | (0.36, 0.42, 0.37) | (0.95, 0.64, 0.79) |
| *C*14 | (0.32, 0.90, 0.86) | (0.84, 0.55, 0.61) | (0.91, 0.48, 0.11) | (0.70, 0.51, 0.08) | (0.79, 0.33, 0.70) |
| *C*15 | (0.03, 0.75, 0.35) | (0.72, 0.21, 0.10) | (0.13, 0.50, 0.99) | (0.60, 0.62, 0.91) | (0.54, 0.71, 0.41) |
| *C*16 | (0.96, 0.09, 0.64) | (0.07, 0.79, 0.69) | (0.17, 0.06, 0.51) | (0.89, 0.80, 0.96) | (0.84, 0.13, 0.26) |
| *C*17 | (0.10, 0.85, 0.90) | (0.48, 0.77, 0.43) | (0.07, 0.21, 0.99) | (0.76, 0.49, 0.06) | (0.16, 0.50, 0.23) |
| *C*18 | (0.82, 0.04, 0.37) | (0.22, 0.99, 0.78) | (0.20, 0.46, 0.20) | (0.67, 0.70, 0.98) | (0.43, 0.61, 0.05) |
| *C*19 | (0.38, 0.83, 0.71) | (0.29, 0.81, 0.91) | (0.80, 0.52, 0.19) | (0.07, 0.70, 0.50) | (0.70, 0.17, 0.97) |
| *C*20 | (0.03, 0.85, 0.36) | (0.43, 0.44, 0.73) | (0.10, 0.18, 0.18) | (0.25, 0.88, 0.22) | (0.46, 0.05, 0.70) |
| *C*21 | (0.12, 0.89, 0.09) | (0.48, 0.61, 0.99) | (0.37, 0.60, 0.83) | (0.30, 0.97, 0.24) | (0.99, 0.54, 0.88) |
| *C*22 | (0.58, 0.21, 0.45) | (0.80, 0.51, 0.50) | (0.46, 0.82, 0.59) | (0.08, 0.59, 0.69) | (0.64, 0.81, 0.68) |

**Table 6**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.89, 0.70, 0.69) | (0.77, 0.12, 0.18) | (0.78, 0.59, 0.11) | (0.79, 0.01, 0.48) | (0.00, 0.66, 0.70) |
| *C*2 | (0.36, 0.05, 0.04) | (0.33, 0.56, 0.42) | (0.26, 0.92, 0.38) | (0.54, 0.25, 0.24) | (0.62, 0.76, 0.39) |
| *C*3 | (0.47, 0.04, 0.41) | (0.20, 0.68, 0.48) | (0.14, 0.04, 0.69) | (0.47, 0.72, 0.46) | (0.51, 0.93, 0.05) |
| *C*4 | (0.87, 0.09, 0.13) | (0.12, 0.81, 0.38) | (0.89, 0.53, 0.80) | (0.87, 0.20, 0.44) | (0.27, 0.74, 0.22) |
| *C*5 | (0.93, 0.42, 0.47) | (0.06, 0.69, 0.53) | (0.37, 0.94, 0.72) | (0.54, 0.74, 0.92) | (0.86, 0.15, 0.95) |
| *C*6 | (0.78, 0.32, 0.48) | (0.63, 0.76, 0.43) | (0.22, 0.19, 0.90) | (0.69, 0.26, 0.33) | (0.06, 0.97, 0.13) |
| *C*7 | (0.91, 0.04, 0.62) | (0.20, 0.89, 0.09) | (0.56, 0.36, 0.58) | (0.86, 0.00, 0.24) | (0.29, 0.31, 0.98) |
| *C*8 | (0.65, 0.53, 0.87) | (0.40, 0.85, 0.32) | (0.84, 0.90, 0.99) | (0.20, 0.54, 0.72) | (0.90, 0.29, 0.28) |
| *C*9 | (0.68, 0.73, 0.15) | (0.73, 0.79, 0.08) | (0.30, 0.74, 0.90) | (0.51, 0.77, 0.60) | (0.93, 0.98, 0.37) |
| *C*10 | (0.33, 0.49, 0.22) | (0.41, 0.05, 0.14) | (0.26, 0.41, 0.42) | (0.22, 0.37, 0.09) | (0.11, 0.81, 0.39) |
| *C*11 | (0.87, 0.75, 0.51) | (0.53, 0.91, 0.30) | (0.83, 0.70, 0.53) | (0.39, 0.65, 0.73) | (0.31, 0.84, 0.25) |
| *C*12 | (0.32, 0.82, 0.97) | (0.31, 0.82, 0.13) | (0.37, 0.94, 0.88) | (0.13, 0.86, 0.18) | (0.97, 0.75, 0.32) |
| *C*13 | (0.08, 0.43, 0.90) | (0.71, 0.23, 0.54) | (0.12, 0.70, 0.38) | (0.73, 0.46, 0.92) | (0.01, 0.28, 0.26) |
| *C*14 | (0.79, 0.16, 0.61) | (0.16, 0.02, 0.86) | (0.23, 0.77, 0.07) | (0.90, 0.72, 0.16) | (0.39, 0.63, 0.79) |
| *C*15 | (0.56, 0.91, 0.66) | (0.69, 0.75, 0.73) | (0.29, 0.37, 0.61) | (0.05, 0.00, 0.91) | (0.05, 0.81, 0.66) |
| *C*16 | (0.78, 0.84, 0.41) | (0.29, 0.42, 0.72) | (0.95, 0.43, 0.01) | (0.87, 0.49, 0.13) | (0.11, 0.40, 0.25) |
| *C*17 | (0.07, 0.75, 0.92) | (0.48, 0.22, 0.23) | (0.12, 0.59, 0.05) | (0.96, 0.90, 0.02) | (0.29, 0.43, 0.88) |
| *C*18 | (0.62, 0.50, 0.80) | (0.06, 0.94, 0.02) | (0.49, 0.39, 0.57) | (0.78, 0.22, 0.59) | (0.88, 0.32, 0.25) |
| *C*19 | (0.53, 0.12, 0.47) | (0.12, 0.20, 0.79) | (0.22, 0.36, 0.13) | (0.21, 0.90, 0.64) | (0.64, 0.58, 0.18) |
| *C*20 | (0.72, 0.79, 0.17) | (0.90, 0.37, 0.17) | (0.69, 0.65, 0.79) | (0.52, 0.13, 0.89) | (0.16, 0.34, 0.63) |
| *C*21 | (0.87, 0.67, 0.50) | (0.75, 0.88, 0.80) | (0.93, 0.86, 0.15) | (0.02, 0.36, 0.75) | (0.39, 0.44, 0.56) |
| *C*22 | (0.49, 0.72, 0.55) | (0.26, 0.12, 0.38) | (0.44, 0.42, 0.45) | (0.57, 0.94, 0.37) | (0.33, 0.82, 0.64) |

**Table 7**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.47, 0.30, 0.95) | (0.51, 0.92, 0.44) | (0.93, 0.57, 0.09) | (0.50, 0.71, 0.48) | (0.08, 0.29, 0.20) |
| *C*2 | (0.42, 0.16, 0.11) | (0.09, 0.88, 0.75) | (0.41, 0.08, 0.16) | (0.44, 0.54, 0.77) | (0.98, 0.27, 0.44) |
| *C*3 | (0.81, 0.12, 0.74) | (0.01, 0.39, 0.56) | (0.39, 0.85, 0.40) | (0.38, 0.76, 0.84) | (0.31, 0.29, 0.88) |
| *C*4 | (0.77, 0.66, 0.97) | (0.03, 0.90, 0.62) | (0.53, 0.22, 0.21) | (0.95, 0.32, 0.62) | (0.58, 0.80, 0.43) |
| *C*5 | (0.19, 0.37, 0.51) | (0.40, 0.16, 0.91) | (0.66, 0.47, 0.99) | (0.42, 0.47, 0.55) | (0.50, 0.60, 0.86) |
| *C*6 | (0.69, 0.79, 0.64) | (0.34, 0.71, 0.75) | (0.45, 0.05, 0.39) | (0.82, 0.57, 0.01) | (0.99, 0.62, 0.05) |
| *C*7 | (0.29, 0.23, 0.48) | (0.76, 0.06, 0.29) | (0.20, 0.34, 0.58) | (0.74, 0.11, 0.19) | (0.51, 0.83, 0.78) |
| *C*8 | (0.48, 0.77, 0.55) | (0.23, 0.50, 0.12) | (0.40, 0.57, 0.86) | (0.03, 0.18, 0.28) | (0.66, 0.38, 0.11) |
| *C*9 | (0.17, 0.82, 0.64) | (0.44, 0.05, 0.19) | (0.51, 0.25, 0.57) | (0.49, 0.59, 0.69) | (0.34, 0.89, 0.99) |
| *C*10 | (0.41, 0.87, 0.55) | (0.83, 0.30, 0.98) | (0.29, 0.21, 0.04) | (0.75, 0.17, 0.62) | (0.11, 0.36, 0.15) |
| *C*11 | (0.51, 0.58, 0.85) | (0.04, 0.00, 0.20) | (0.68, 0.66, 0.63) | (0.97, 0.24, 0.35) | (0.34, 0.99, 0.83) |
| *C*12 | (0.11, 0.37, 0.85) | (0.77, 0.84, 0.09) | (0.44, 0.36, 0.46) | (0.01, 0.13, 0.10) | (0.35, 0.38, 0.65) |
| *C*13 | (0.74, 0.74, 0.34) | (0.31, 0.57, 0.57) | (0.38, 0.90, 0.96) | (0.90, 0.54, 0.06) | (0.24, 0.94, 0.20) |
| *C*14 | (0.38, 0.69, 0.89) | (0.68, 0.19, 0.39) | (0.20, 0.13, 0.99) | (0.26, 0.30, 0.61) | (0.42, 0.06, 0.88) |
| *C*15 | (0.93, 0.82, 0.91) | (0.54, 0.59, 0.29) | (0.34, 0.05, 0.08) | (0.38, 0.57, 0.99) | (0.44, 0.46, 0.08) |
| *C*16 | (0.26, 0.49, 0.37) | (0.75, 0.20, 0.12) | (0.89, 0.22, 0.72) | (0.42, 0.53, 0.50) | (0.47, 0.65, 0.59) |
| *C*17 | (0.14, 0.63, 0.66) | (0.23, 0.61, 0.73) | (0.61, 0.45, 0.56) | (0.31, 0.13, 0.73) | (0.29, 0.69, 0.49) |
| *C*18 | (0.83, 0.25, 0.94) | (0.28, 0.52, 0.96) | (0.52, 0.67, 0.88) | (0.12, 0.66, 0.85) | (0.79, 0.31, 0.45) |
| *C*19 | (0.94, 0.85, 0.06) | (0.34, 0.73, 0.93) | (0.25, 0.69, 0.91) | (0.10, 0.99, 0.55) | (0.62, 0.80, 0.03) |
| *C*20 | (0.01, 0.03, 0.89) | (0.38, 0.44, 0.37) | (0.01, 0.08, 0.74) | (0.40, 0.72, 0.07) | (0.99, 0.84, 0.36) |
| *C*21 | (0.10, 0.07, 0.68) | (0.95, 0.38, 0.97) | (0.74, 0.27, 0.13) | (0.27, 0.68, 0.50) | (0.62, 0.14, 0.30) |
| *C*22 | (0.82, 0.39, 0.01) | (0.89, 0.15, 0.38) | (0.35, 0.39, 0.62) | (0.49, 0.25, 0.17) | (0.69, 0.03, 0.28) |

**Table 8**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.57, 0.87, 0.29) | (0.76, 0.17, 0.55) | (0.79, 0.86, 0.67) | (0.40, 0.30, 0.92) | (0.63, 0.66, 0.26) |
| *C*2 | (0.79, 0.79, 0.47) | (0.00, 0.68, 0.42) | (0.78, 0.94, 0.65) | (0.48, 0.19, 0.66) | (0.67, 0.83, 0.64) |
| *C*3 | (0.21, 0.27, 0.32) | (0.68, 0.03, 0.13) | (0.48, 0.09, 0.50) | (0.43, 0.53, 0.19) | (0.59, 0.32, 0.39) |
| *C*4 | (0.15, 0.56, 0.59) | (0.51, 0.86, 0.39) | (0.13, 0.55, 0.40) | (0.11, 0.78, 0.26) | (0.19, 0.66, 0.61) |
| *C*5 | (0.78, 0.22, 0.36) | (0.45, 0.50, 0.31) | (0.99, 0.51, 0.53) | (0.04, 0.08, 0.82) | (0.47, 0.66, 0.47) |
| *C*6 | (0.83, 0.81, 0.69) | (0.74, 0.50, 0.82) | (0.44, 0.73, 0.31) | (0.85, 0.63, 0.59) | (0.32, 0.52, 0.59) |
| *C*7 | (0.71, 0.51, 0.99) | (0.23, 0.70, 0.33) | (0.08, 0.60, 0.87) | (0.92, 0.39, 0.83) | (0.35, 0.62, 0.26) |
| *C*8 | (0.43, 0.63, 0.11) | (0.18, 0.34, 0.05) | (0.36, 0.72, 0.84) | (0.03, 0.64, 0.38) | (0.64, 0.53, 0.22) |
| *C*9 | (0.50, 0.62, 0.58) | (0.27, 0.88, 0.80) | (0.23, 0.02, 0.81) | (0.58, 0.60, 0.93) | (0.96, 0.40, 0.77) |
| *C*10 | (0.37, 0.15, 0.56) | (0.68, 0.38, 0.26) | (0.34, 0.78, 0.99) | (0.58, 0.48, 0.58) | (0.62, 0.56, 0.32) |
| *C*11 | (0.36, 0.40, 0.25) | (0.88, 0.95, 0.12) | (0.21, 0.66, 0.69) | (0.13, 0.08, 0.95) | (0.25, 0.19, 0.17) |
| *C*12 | (0.14, 0.18, 0.04) | (0.79, 0.82, 0.77) | (0.69, 0.68, 0.54) | (0.81, 0.11, 0.01) | (0.88, 0.23, 0.47) |
| *C*13 | (0.77, 0.02, 0.26) | (0.64, 0.55, 0.88) | (0.03, 0.39, 0.19) | (0.07, 0.68, 0.70) | (0.84, 0.03, 0.38) |
| *C*14 | (0.66, 0.96, 0.99) | (0.21, 0.95, 0.31) | (0.21, 0.03, 0.27) | (0.48, 0.03, 0.30) | (0.11, 0.28, 0.82) |
| *C*15 | (0.64, 0.49, 0.76) | (0.76, 0.68, 0.13) | (0.55, 0.32, 0.51) | (0.18, 0.47, 0.64) | (0.13, 0.24, 0.94) |
| *C*16 | (0.83, 0.33, 0.10) | (0.49, 0.79, 0.35) | (0.64, 0.54, 0.94) | (0.31, 0.43, 0.03) | (0.35, 0.97, 0.15) |
| *C*17 | (0.75, 0.09, 0.05) | (0.26, 0.11, 0.85) | (0.06, 0.51, 0.49) | (0.47, 0.78, 0.87) | (0.11, 0.36, 0.24) |
| *C*18 | (0.28, 0.56, 0.97) | (0.13, 0.34, 0.74) | (0.91, 0.23, 0.99) | (0.51, 0.92, 0.29) | (0.68, 0.56, 0.72) |
| *C*19 | (0.99, 0.02, 0.79) | (0.11, 0.82, 0.28) | (0.02, 0.34, 0.47) | (0.56, 0.79, 0.40) | (0.11, 0.27, 0.14) |
| *C*20 | (0.93, 0.11, 0.35) | (0.62, 0.63, 0.85) | (0.69, 0.35, 0.54) | (0.01, 0.37, 0.26) | (0.18, 0.88, 0.49) |
| *C*21 | (0.70, 0.48, 0.29) | (0.68, 0.44, 0.44) | (0.17, 0.47, 0.95) | (0.77, 0.05, 0.43) | (0.24, 0.45, 0.17) |
| *C*22 | (0.20, 0.61, 0.58) | (0.58, 0.27, 0.52) | (0.64, 0.93, 0.70) | (0.21, 0.60, 0.39) | (0.93, 0.07, 0.17) |

**Table 9**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.26, 0.38, 0.98) | (0.02, 0.90, 0.68) | (0.78, 0.85, 0.36) | (0.99, 0.76, 0.30) | (0.26, 0.79, 0.60) |
| *C*2 | (0.43, 0.36, 0.40) | (0.78, 0.36, 0.35) | (0.89, 0.50, 0.91) | (0.76, 0.27, 0.96) | (0.63, 0.92, 0.84) |
| *C*3 | (0.81, 0.60, 0.20) | (0.87, 0.45, 0.76) | (0.67, 0.79, 0.28) | (0.24, 0.57, 0.84) | (0.12, 0.70, 0.53) |
| *C*4 | (0.32, 0.39, 0.69) | (0.85, 0.71, 0.06) | (0.90, 0.81, 0.99) | (0.74, 0.27, 0.99) | (0.25, 0.72, 0.94) |
| *C*5 | (0.10, 0.16, 0.53) | (0.23, 0.28, 0.71) | (0.39, 0.47, 0.22) | (0.49, 0.89, 0.55) | (0.50, 0.93, 0.35) |
| *C*6 | (0.20, 0.30, 0.16) | (0.59, 0.77, 0.19) | (0.50, 0.24, 0.12) | (0.35, 0.52, 0.00) | (0.41, 0.26, 0.97) |
| *C*7 | (0.25, 0.34, 0.53) | (0.68, 0.90, 0.09) | (0.04, 0.76, 0.76) | (0.89, 0.37, 0.63) | (0.85, 0.51, 0.60) |
| *C*8 | (0.43, 0.25, 0.61) | (0.25, 0.22, 0.02) | (0.27, 0.66, 0.98) | (0.12, 0.80, 0.30) | (0.53, 0.24, 0.71) |
| *C*9 | (0.46, 0.95, 0.16) | (0.72, 0.79, 0.05) | (0.72, 0.25, 0.81) | (0.08, 0.62, 0.01) | (0.41, 0.18, 0.57) |
| *C*10 | (0.70, 0.66, 0.17) | (0.75, 0.65, 0.64) | (0.17, 0.36, 0.57) | (0.32, 0.72, 0.48) | (0.35, 0.87, 0.78) |
| *C*11 | (0.80, 0.68, 0.20) | (0.25, 0.84, 0.71) | (0.75, 0.88, 0.99) | (0.06, 0.37, 0.67) | (0.72, 0.58, 0.29) |
| *C*12 | (0.06, 0.60, 0.26) | (0.17, 0.09, 0.20) | (0.48, 0.99, 0.99) | (0.96, 0.47, 0.13) | (0.27, 0.89, 0.27) |
| *C*13 | (0.11, 0.02, 0.57) | (0.84, 0.57, 0.99) | (0.62, 0.90, 0.84) | (0.40, 0.22, 0.19) | (0.72, 0.82, 0.40) |
| *C*14 | (0.91, 0.97, 0.53) | (0.10, 0.48, 0.15) | (0.22, 0.36, 0.86) | (0.66, 0.26, 0.49) | (0.87, 0.62, 0.45) |
| *C*15 | (0.11, 0.41, 0.88) | (0.00, 0.31, 0.66) | (0.94, 0.72, 0.63) | (0.40, 0.59, 0.44) | (0.05, 0.29, 0.67) |
| *C*16 | (0.13, 0.52, 0.24) | (0.17, 0.08, 0.02) | (0.63, 0.55, 0.23) | (0.84, 0.20, 0.65) | (0.81, 0.31, 0.30) |
| *C*17 | (0.04, 0.45, 0.01) | (0.52, 0.48, 0.58) | (0.83, 0.78, 0.35) | (0.80, 0.56, 0.74) | (0.58, 0.43, 0.75) |
| *C*18 | (0.88, 0.84, 0.03) | (0.06, 0.72, 0.93) | (0.80, 0.78, 0.51) | (0.61, 0.78, 0.00) | (0.23, 0.67, 0.56) |
| *C*19 | (0.36, 0.13, 0.88) | (0.39, 0.30, 0.64) | (0.21, 0.70, 0.75) | (0.58, 0.48, 0.67) | (0.79, 0.20, 0.10) |
| *C*20 | (0.65, 0.76, 0.40) | (0.80, 0.81, 0.44) | (0.64, 0.81, 0.04) | (0.69, 0.21, 0.37) | (0.16, 0.50, 0.68) |
| *C*21 | (0.70, 0.86, 0.26) | (0.47, 0.89, 0.67) | (0.82, 0.70, 0.09) | (0.84, 0.86, 0.48) | (0.49, 0.66, 0.54) |
| *C*22 | (0.16, 0.18, 0.20) | (0.06, 0.47, 0.28) | (0.14, 0.43, 0.63) | (0.23, 0.84, 0.23) | (0.56, 0.08, 0.00) |

**Table 10**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.03, 0.52, 0.66) | (0.54, 0.39, 0.02) | (0.12, 0.79, 0.44) | (0.63, 0.04, 0.94) | (0.08, 0.48, 0.63) |
| *C*2 | (0.71, 0.25, 0.97) | (0.44, 0.04, 0.10) | (0.16, 0.28, 0.68) | (0.63, 0.44, 0.43) | (0.19, 0.53, 0.68) |
| *C*3 | (0.57, 0.94, 0.15) | (0.38, 0.88, 0.44) | (0.19, 0.57, 0.24) | (0.39, 0.69, 0.62) | (0.09, 0.79, 0.61) |
| *C*4 | (0.58, 0.58, 0.50) | (0.64, 0.99, 0.39) | (0.47, 0.72, 0.84) | (0.88, 0.56, 0.44) | (0.37, 0.06, 0.98) |
| *C*5 | (0.59, 0.19, 0.25) | (0.25, 0.10, 0.25) | (0.23, 0.19, 0.67) | (0.41, 0.83, 0.95) | (0.28, 0.53, 0.20) |
| *C*6 | (0.28, 0.69, 0.97) | (0.54, 0.58, 0.55) | (0.28, 0.63, 0.72) | (0.18, 0.40, 0.93) | (0.89, 0.36, 0.62) |
| *C*7 | (1.00, 0.95, 0.85) | (0.91, 0.87, 0.08) | (0.04, 0.48, 0.21) | (0.67, 0.57, 0.26) | (0.64, 0.42, 0.37) |
| *C*8 | (0.96, 0.51, 0.64) | (0.77, 0.64, 0.14) | (0.43, 0.06, 0.83) | (0.11, 0.81, 0.40) | (0.40, 0.93, 0.31) |
| *C*9 | (0.44, 0.64, 0.93) | (0.34, 0.76, 0.83) | (0.15, 0.66, 0.32) | (0.37, 0.62, 0.35) | (0.37, 0.08, 0.53) |
| *C*10 | (0.34, 0.00, 0.28) | (0.43, 0.63, 0.54) | (0.02, 0.18, 0.11) | (0.31, 0.09, 0.08) | (0.97, 0.83, 0.39) |
| *C*11 | (0.52, 0.56, 0.26) | (0.89, 0.02, 0.31) | (0.07, 0.62, 0.25) | (0.96, 0.66, 0.38) | (0.29, 0.65, 0.53) |
| *C*12 | (0.33, 0.02, 0.11) | (0.90, 0.62, 0.40) | (0.67, 0.03, 0.23) | (0.03, 0.71, 0.07) | (0.92, 0.98, 0.15) |
| *C*13 | (0.38, 0.86, 0.31) | (0.96, 0.62, 0.48) | (0.00, 0.24, 0.15) | (0.29, 0.88, 0.66) | (0.62, 0.23, 0.82) |
| *C*14 | (0.16, 0.77, 0.21) | (0.54, 0.90, 0.53) | (0.51, 0.56, 0.38) | (0.05, 0.51, 0.35) | (0.59, 0.54, 0.72) |
| *C*15 | (0.67, 0.01, 0.67) | (0.63, 0.63, 0.65) | (0.05, 0.80, 0.94) | (0.71, 0.63, 0.23) | (0.15, 0.62, 0.58) |
| *C*16 | (0.65, 0.31, 0.25) | (0.04, 0.22, 0.84) | (0.12, 0.87, 0.37) | (0.92, 0.54, 0.37) | (0.06, 0.51, 0.18) |
| *C*17 | (0.05, 0.65, 0.12) | (0.77, 0.49, 1.00) | (0.89, 0.02, 0.64) | (0.85, 0.00, 0.87) | (0.58, 0.34, 0.15) |
| *C*18 | (0.25, 0.31, 0.79) | (0.94, 0.82, 0.50) | (0.65, 0.69, 0.96) | (0.43, 0.40, 0.64) | (0.24, 0.77, 0.36) |
| *C*19 | (0.91, 0.57, 0.78) | (0.97, 0.10, 0.77) | (0.81, 0.48, 0.28) | (0.57, 0.72, 0.59) | (0.74, 0.05, 0.15) |
| *C*20 | (0.83, 0.87, 0.11) | (0.76, 0.35, 0.43) | (0.52, 0.44, 0.39) | (0.01, 0.41, 0.28) | (0.32, 0.30, 0.68) |
| *C*21 | (0.05, 0.09, 0.05) | (0.49, 0.14, 0.72) | (0.76, 0.10, 0.54) | (0.31, 0.31, 0.55) | (0.23, 0.10, 0.25) |
| *C*22 | (0.65, 0.81, 0.53) | (0.35, 0.16, 0.61) | (0.15, 0.18, 0.87) | (0.92, 0.05, 0.92) | (0.80, 0.20, 0.26) |

**Table 11**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.99, 0.75, 0.83) | (0.23, 0.49, 0.88) | (0.86, 0.04, 0.17) | (0.57, 0.75, 0.35) | (0.32, 0.44, 0.26) |
| *C*2 | (0.18, 0.71, 0.24) | (0.37, 0.47, 0.87) | (0.11, 0.71, 0.89) | (0.96, 0.97, 0.70) | (0.75, 0.66, 0.98) |
| *C*3 | (0.11, 0.45, 0.68) | (0.59, 0.32, 0.22) | (0.38, 0.08, 0.39) | (0.59, 0.34, 0.95) | (0.77, 0.29, 0.30) |
| *C*4 | (0.51, 0.74, 0.47) | (0.63, 0.89, 0.81) | (0.05, 0.57, 0.07) | (0.05, 0.72, 0.94) | (0.16, 0.08, 0.45) |
| *C*5 | (0.70, 0.70, 0.21) | (0.48, 0.37, 0.01) | (0.53, 0.97, 0.16) | (0.16, 0.19, 0.29) | (0.86, 0.11, 0.90) |
| *C*6 | (0.48, 0.98, 0.80) | (0.32, 0.85, 0.64) | (0.33, 0.48, 0.74) | (0.18, 0.40, 0.93) | (0.41, 0.31, 0.09) |
| *C*7 | (0.69, 0.72, 0.39) | (0.94, 0.86, 0.08) | (0.01, 0.50, 0.05) | (0.67, 0.57, 0.26) | (0.17, 0.42, 0.48) |
| *C*8 | (0.59, 0.44, 0.65) | (0.10, 0.32, 0.83) | (0.86, 0.34, 0.96) | (0.11, 0.81, 0.40) | (0.09, 0.32, 0.56) |
| *C*9 | (0.44, 0.15, 0.77) | (0.90, 0.74, 0.01) | (0.70, 0.32, 0.56) | (0.93, 0.22, 0.60) | (0.87, 0.98, 0.52) |
| *C*10 | (0.41, 0.47, 0.48) | (0.82, 0.72, 0.33) | (0.59, 0.61, 0.30) | (0.46, 0.60, 0.82) | (0.98, 0.55, 0.10) |
| *C*11 | (0.03, 0.72, 0.88) | (0.33, 0.11, 0.72) | (0.82, 0.10, 0.89) | (0.47, 0.53, 0.02) | (0.64, 0.90, 0.23) |
| *C*12 | (0.90, 0.03, 0.08) | (0.34, 0.01, 0.80) | (0.49, 0.24, 0.00) | (0.32, 0.16, 0.70) | (0.93, 0.65, 0.39) |
| *C*13 | (0.41, 0.89, 0.97) | (0.52, 0.12, 0.66) | (0.30, 0.54, 0.62) | (0.64, 0.26, 0.04) | (0.48, 0.95, 0.26) |
| *C*14 | (0.44, 0.76, 0.67) | (0.74, 0.72, 0.52) | (0.73, 0.52, 0.91) | (0.94, 0.28, 0.61) | (0.62, 0.03, 0.22) |
| *C*15 | (0.46, 0.20, 0.46) | (0.62, 0.38, 0.40) | (0.82, 0.14, 0.25) | (0.56, 0.38, 0.43) | (0.56, 0.79, 0.49) |
| *C*16 | (0.82, 0.41, 0.48) | (0.15, 0.87, 0.75) | (0.95, 0.60, 0.60) | (0.21, 0.61, 0.80) | (0.72, 0.56, 0.61) |
| *C*17 | (0.21, 0.75, 0.53) | (0.46, 0.07, 0.13) | (0.76, 0.20, 0.85) | (0.02, 0.96, 0.46) | (0.90, 0.72, 0.33) |
| *C*18 | (0.28, 0.40, 0.61) | (0.55, 0.20, 0.99) | (0.96, 0.93, 0.59) | (0.60, 0.01, 0.05) | (0.48, 0.91, 0.90) |
| *C*19 | (0.72, 0.81, 0.30) | (0.46, 0.36, 0.14) | (0.53, 0.09, 0.09) | (0.73, 0.04, 0.72) | (0.22, 0.59, 0.71) |
| *C*20 | (0.09, 0.31, 0.76) | (0.26, 0.08, 0.45) | (0.31, 0.51, 0.75) | (0.69, 0.14, 0.55) | (0.50, 0.88, 0.63) |
| *C*21 | (0.35, 0.33, 0.94) | (0.33, 0.81, 0.86) | (0.89, 0.83, 0.38) | (0.92, 0.05, 0.92) | (0.72, 0.11, 0.35) |
| *C*22 | (0.74, 0.15, 0.00) | (0.28, 0.87, 0.41) | (0.69, 0.73, 0.79) | (0.93, 0.01, 0.34) | (0.32, 0.60, 0.43) |

**Table 12**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.00, 0.03, 0.82) | (0.48, 0.91, 0.70) | (0.41, 0.42, 0.65) | (0.48, 0.40, 0.08) | (0.20, 0.91, 0.63) |
| *C*2 | (0.74, 0.63, 0.75) | (0.52, 0.99, 0.02) | (0.10, 0.26, 0.35) | (0.90, 0.55, 0.81) | (0.02, 0.98, 0.78) |
| *C*3 | (0.29, 0.70, 0.89) | (0.67, 0.92, 0.60) | (0.82, 0.40, 0.67) | (0.38, 0.48, 0.07) | (0.36, 0.10, 0.01) |
| *C*4 | (0.54, 0.18, 0.27) | (0.03, 0.24, 0.90) | (0.12, 0.09, 0.75) | (0.99, 0.82, 0.86) | (0.36, 0.52, 0.42) |
| *C*5 | (0.50, 0.12, 0.66) | (0.47, 0.43, 0.67) | (0.25, 0.93, 0.04) | (0.57, 0.72, 0.14) | (0.48, 0.43, 0.15) |
| *C*6 | (0.20, 0.30, 0.99) | (0.26, 0.61, 0.87) | (0.32, 0.68, 0.77) | (0.37, 0.42, 0.46) | (0.39, 0.43, 0.48) |
| *C*7 | (0.94, 0.05, 0.32) | (0.87, 0.42, 0.08) | (0.29, 0.03, 0.01) | (0.54, 0.03, 0.79) | (0.14, 0.60, 0.47) |
| *C*8 | (0.32, 0.43, 0.15) | (0.61, 0.91, 0.16) | (0.75, 0.74, 0.47) | (0.13, 0.07, 0.76) | (0.68, 0.59, 0.09) |
| *C*9 | (0.84, 0.99, 0.36) | (0.49, 0.47, 0.77) | (0.24, 0.98, 0.65) | (0.27, 0.32, 0.14) | (0.58, 0.56, 0.96) |
| *C*10 | (0.04, 0.55, 0.27) | (0.18, 0.39, 0.35) | (0.89, 0.64, 0.48) | (0.82, 0.38, 0.55) | (0.62, 0.66, 0.62) |
| *C*11 | (0.84, 0.03, 0.28) | (0.31, 0.64, 0.97) | (0.34, 0.60, 0.27) | (0.94, 0.38, 0.42) | (0.47, 0.36, 0.38) |
| *C*12 | (0.67, 0.01, 0.76) | (0.21, 0.47, 0.41) | (0.50, 0.78, 0.19) | (0.29, 0.70, 0.18) | (0.06, 0.98, 0.54) |
| *C*13 | (0.13, 0.63, 0.01) | (0.34, 0.67, 0.18) | (0.14, 0.80, 0.03) | (0.74, 0.25, 0.20) | (0.77, 0.47, 0.82) |
| *C*14 | (0.49, 0.71, 0.73) | (0.24, 0.02, 0.41) | (0.72, 0.72, 0.23) | (0.32, 0.31, 0.19) | (0.82, 0.92, 0.23) |
| *C*15 | (0.49, 0.94, 0.30) | (0.16, 0.16, 0.19) | (0.74, 0.72, 0.12) | (0.70, 0.01, 0.50) | (0.07, 0.51, 0.94) |
| *C*16 | (0.34, 0.68, 0.24) | (0.63, 0.60, 0.25) | (0.37, 0.47, 0.63) | (0.93, 0.23, 0.57) | (0.88, 0.80, 0.34) |
| *C*17 | (0.89, 0.91, 0.35) | (0.49, 0.10, 0.56) | (0.06, 0.77, 0.15) | (0.41, 0.21, 0.27) | (0.98, 0.42, 0.27) |
| *C*18 | (0.77, 0.61, 0.06) | (0.93, 0.82, 0.36) | (0.62, 0.63, 0.03) | (0.03, 0.72, 0.68) | (0.35, 0.48, 0.28) |
| *C*19 | (0.21, 0.73, 0.15) | (0.87, 0.42, 0.69) | (0.48, 0.52, 0.39) | (0.75, 0.39, 0.08) | (0.08, 0.42, 0.15) |
| *C*20 | (0.01, 0.02, 0.95) | (0.34, 0.08, 0.98) | (0.60, 0.25, 0.35) | (0.64, 0.38, 0.33) | (0.58, 0.70, 0.04) |
| *C*21 | (0.31, 0.15, 0.95) | (0.94, 0.98, 0.23) | (0.56, 0.31, 0.54) | (0.55, 0.85, 0.92) | (0.18, 0.09, 0.58) |
| *C*22 | (0.04, 0.88, 0.21) | (0.82, 0.55, 0.53) | (0.05, 0.86, 0.20) | (0.42, 0.08, 0.18) | (0.93, 0.06, 0.96) |

**Table 13**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.69, 0.88, 0.70) | (0.54, 0.84, 0.55) | (0.95, 0.42, 0.12) | (0.82, 0.74, 0.63) | (0.50, 0.58, 0.01) |
| *C*2 | (0.77, 0.88, 0.36) | (0.69, 0.64, 0.16) | (0.96, 0.08, 0.01) | (0.47, 0.31, 0.98) | (0.26, 0.50, 0.18) |
| *C*3 | (0.31, 0.91, 0.45) | (0.73, 0.65, 0.77) | (0.07, 0.80, 0.56) | (0.36, 0.47, 0.68) | (0.64, 0.87, 0.34) |
| *C*4 | (0.38, 0.75, 0.66) | (0.75, 0.61, 0.83) | (0.34, 0.85, 0.11) | (0.91, 0.65, 0.08) | (0.15, 0.08, 0.93) |
| *C*5 | (0.08, 0.74, 0.72) | (0.98, 0.32, 0.79) | (0.24, 0.59, 0.04) | (0.15, 0.08, 0.93) | (0.90, 0.52, 0.36) |
| *C*6 | (0.23, 0.58, 0.08) | (0.27, 0.59, 0.93) | (0.35, 0.48, 0.33) | (0.52, 0.64, 0.63) | (0.39, 0.52, 0.21) |
| *C*7 | (0.68, 0.25, 0.71) | (0.74, 0.84, 0.46) | (0.45, 0.58, 0.23) | (0.49, 0.85, 0.31) | (0.84, 0.39, 0.82) |
| *C*8 | (0.75, 0.11, 0.59) | (0.44, 0.84, 0.06) | (0.58, 0.71, 0.74) | (0.66, 0.86, 0.86) | (0.20, 0.34, 0.04) |
| *C*9 | (0.09, 0.40, 0.11) | (0.21, 0.30, 0.46) | (0.49, 0.43, 0.12) | (0.89, 0.98, 0.86) | (0.52, 0.14, 0.69) |
| *C*10 | (0.60, 0.24, 0.25) | (0.90, 0.00, 0.77) | (0.37, 0.74, 0.92) | (0.51, 0.33, 0.02) | (0.10, 0.68, 0.75) |
| *C*11 | (0.45, 0.80, 0.85) | (0.94, 0.19, 0.05) | (0.81, 0.01, 0.63) | (0.19, 0.53, 0.00) | (0.66, 0.41, 0.95) |
| *C*12 | (0.23, 0.58, 0.84) | (0.04, 0.99, 0.67) | (0.97, 0.13, 0.79) | (0.23, 0.90, 0.43) | (0.31, 0.09, 0.52) |
| *C*13 | (0.45, 0.67, 0.79) | (0.86, 0.54, 0.39) | (0.96, 0.88, 0.82) | (0.14, 0.52, 0.20) | (0.61, 0.67, 0.75) |
| *C*14 | (0.29, 0.17, 0.84) | (0.68, 0.68, 0.87) | (0.64, 0.32, 0.69) | (0.79, 0.01, 0.84) | (0.66, 0.33, 0.30) |
| *C*15 | (0.66, 0.16, 0.29) | (0.32, 0.43, 0.56) | (0.51, 0.40, 0.28) | (0.53, 0.32, 0.51) | (0.18, 0.93, 0.74) |
| *C*16 | (0.04, 0.47, 0.21) | (0.07, 0.08, 0.07) | (0.20, 0.60, 0.29) | (0.92, 0.31, 0.03) | (0.83, 0.36, 0.89) |
| *C*17 | (0.96, 0.76, 0.15) | (0.14, 0.73, 0.64) | (0.65, 0.61, 0.99) | (0.28, 0.49, 0.36) | (0.34, 0.49, 0.77) |
| *C*18 | (0.25, 0.05, 0.23) | (0.90, 0.42, 0.82) | (0.36, 0.32, 0.03) | (0.21, 0.65, 0.02) | (0.19, 0.68, 0.26) |
| *C*19 | (0.34, 0.41, 0.21) | (0.42, 0.57, 0.84) | (0.01, 0.94, 0.98) | (0.16, 0.45, 0.34) | (0.28, 0.52, 0.86) |
| *C*20 | (0.32, 0.36, 0.59) | (0.58, 0.39, 0.77) | (0.37, 0.41, 0.10) | (0.01, 0.92, 0.40) | (0.77, 0.17, 0.46) |
| *C*21 | (0.80, 0.71, 0.62) | (0.89, 0.85, 0.37) | (0.23, 0.99, 0.83) | (0.02, 0.84, 0.80) | (0.16, 0.23, 0.38) |
| *C*22 | (0.34, 0.05, 0.21) | (0.42, 0.57, 0.84) | (0.21, 0.65, 0.02) | (0.90, 0.37, 0.42) | (0.41, 0.75, 0.38) |

**Table 14**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.36, 0.70, 0.30) | (0.36, 0.65, 0.53) | (0.93, 0.73, 0.93) | (0.03, 0.55, 0.52) | (0.66, 0.29, 0.53) |
| *C*2 | (0.48, 0.14, 0.16) | (0.38, 0.91, 0.52) | (0.08, 0.59, 0.38) | (0.06, 0.10, 0.90) | (0.94, 0.86, 0.75) |
| *C*3 | (0.80, 0.17, 0.61) | (0.08, 0.59, 0.38) | (0.52, 0.13, 0.45) | (0.51, 0.23, 0.33) | (0.73, 0.48, 0.25) |
| *C*4 | (0.96, 0.75, 0.60) | (0.06, 0.10, 0.90) | (0.35, 0.64, 0.38) | (0.75, 0.80, 0.39) | (0.23, 0.77, 0.92) |
| *C*5 | (0.93, 0.63, 0.52) | (0.66, 0.21, 0.31) | (0.03, 0.79, 0.02) | (0.32, 0.10, 0.75) | (0.81, 0.06, 0.09) |
| *C*6 | (0.81, 0.89, 0.31) | (0.39, 0.11, 0.98) | (0.67, 0.93, 0.47) | (0.25, 0.92, 0.76) | (0.12, 0.52, 0.08) |
| *C*7 | (0.88, 0.86, 0.72) | (0.14, 0.82, 0.86) | (0.98, 0.11, 0.82) | (0.70, 0.14, 0.83) | (0.33, 0.26, 0.60) |
| *C*8 | (0.96, 0.01, 0.09) | (0.14, 0.76, 0.02) | (0.55, 0.61, 0.03) | (0.84, 0.54, 0.92) | (0.10, 0.44, 0.52) |
| *C*9 | (0.05, 0.87, 0.24) | (0.13, 0.21, 0.29) | (0.77, 0.43, 0.06) | (0.51, 0.43, 0.21) | (0.14, 0.48, 0.05) |
| *C*10 | (0.19, 0.92, 0.17) | (0.90, 0.40, 0.58) | (0.67, 0.21, 0.11) | (0.54, 0.16, 0.12) | (0.71, 0.07, 0.07) |
| *C*11 | (0.78, 0.53, 0.36) | (0.42, 0.23, 0.62) | (0.06, 0.58, 0.67) | (0.09, 0.40, 0.57) | (0.58, 0.21, 0.55) |
| *C*12 | (0.74, 0.71, 0.37) | (0.89, 0.07, 0.73) | (0.48, 0.62, 0.36) | (0.10, 0.70, 0.63) | (0.77, 0.65, 0.33) |
| *C*13 | (0.16, 0.17, 0.53) | (0.17, 0.50, 0.26) | (0.02, 0.12, 0.34) | (0.11, 0.04, 0.57) | (0.04, 0.59, 0.99) |
| *C*14 | (0.49, 0.95, 0.25) | (0.78, 0.16, 0.93) | (0.43, 0.35, 0.49) | (0.33, 0.95, 0.82) | (0.30, 0.97, 0.53) |
| *C*15 | (0.18, 0.75, 0.74) | (0.20, 0.96, 0.67) | (0.93, 0.51, 0.52) | (0.36, 0.13, 0.77) | (0.69, 0.58, 0.48) |
| *C*16 | (0.31, 0.78, 0.33) | (0.91, 0.33, 0.98) | (0.83, 0.94, 0.37) | (0.88, 0.00, 0.14) | (0.23, 0.74, 0.32) |
| *C*17 | (0.61, 0.66, 0.38) | (0.62, 0.94, 0.82) | (0.86, 0.10, 0.90) | (0.21, 0.28, 0.04) | (0.41, 0.47, 0.31) |
| *C*18 | (0.69, 0.16, 0.91) | (0.59, 0.75, 0.01) | (0.03, 0.92, 0.32) | (0.11, 0.24, 0.74) | (0.86, 0.80, 0.94) |
| *C*19 | (0.61, 0.09, 0.26) | (0.58, 0.97, 0.48) | (0.90, 0.45, 0.10) | (0.17, 0.33, 0.58) | (0.12, 0.68, 0.44) |
| *C*20 | (0.10, 0.70, 0.02) | (0.41, 0.80, 0.78) | (0.71, 0.08, 0.89) | (0.58, 0.65, 0.84) | (0.32, 0.06, 0.51) |
| *C*21 | (0.56, 0.05, 0.96) | (0.08, 0.54, 0.65) | (0.27, 0.21, 0.92) | (0.09, 0.40, 0.57) | (0.82, 0.99, 0.26) |
| *C*22 | (0.88, 0.55, 0.65) | (0.55, 0.01, 0.86) | (0.40, 0.60, 0.47) | (0.10, 0.70, 0.63) | (0.58, 0.29, 0.09) |

**Table 15**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | A1 | A2 | A3 | A4 | A5 |
| C1 | (0.81, 0.62, 0.76) | (0.01, 0.20, 0.17) | (0.57, 0.99, 0.18) | (0.96, 0.05, 0.95) | (0.72, 0.18, 0.15) |
| C2 | (0.87, 0.34, 0.70) | (0.60, 0.73, 0.65) | (0.15, 0.80, 0.27) | (0.46, 0.51, 0.16) | (0.66, 0.71, 0.29) |
| C3 | (0.30, 0.79, 0.87) | (0.61, 0.29, 0.56) | (0.42, 0.84, 0.18) | (0.50, 0.45, 0.42) | (0.63, 0.24, 0.56) |
| C4 | (0.66, 0.47, 0.19) | (0.94, 0.69, 0.07) | (0.99, 0.85, 0.09) | (0.41, 0.46, 0.37) | (0.67, 0.45, 0.78) |
| C5 | (0.29, 0.28, 0.77) | (0.38, 0.08, 0.23) | (0.04, 1.00, 0.42) | (0.92, 0.66, 0.51) | (0.54, 0.50, 0.73) |
| C6 | (0.97, 0.02, 0.61) | (0.01, 0.97, 0.58) | (0.92, 0.22, 0.09) | (0.57, 0.65, 0.29) | (0.30, 0.92, 0.83) |
| C7 | (0.24, 0.55, 0.10) | (0.02, 0.01, 0.58) | (0.29, 0.31, 0.72) | (0.32, 0.70, 0.87) | (0.72, 0.03, 0.06) |
| C8 | (0.31, 0.02, 0.64) | (0.40, 0.30, 0.85) | (0.14, 0.25, 0.78) | (0.51, 0.82, 0.51) | (0.24, 0.66, 0.61) |
| C9 | (0.10, 0.72, 0.47) | (0.08, 0.58, 0.65) | (0.58, 0.91, 0.74) | (0.11, 0.50, 0.73) | (0.07, 0.24, 0.68) |
| C10 | (0.80, 0.88, 0.81) | (0.70, 0.19, 0.77) | (0.43, 0.31, 0.95) | (0.24, 0.68, 0.85) | (0.71, 0.45, 0.60) |
| C11 | (0.63, 0.57, 0.04) | (0.43, 0.41, 0.45) | (0.05, 0.52, 0.99) | (0.51, 0.31, 0.77) | (0.94, 0.37, 0.45) |
| C12 | (0.24, 0.03, 0.43) | (1.00, 0.15, 0.75) | (0.84, 0.28, 0.13) | (0.16, 0.52, 0.29) | (0.30, 0.45, 0.95) |
| C13 | (0.80, 0.11, 0.27) | (0.21, 0.91, 0.42) | (0.14, 0.45, 0.85) | (0.67, 0.72, 0.94) | (0.45, 0.83, 0.08) |
| C14 | (0.38, 0.85, 0.53) | (0.20, 0.60, 0.19) | (0.55, 0.21, 0.68) | (0.72, 0.35, 0.59) | (0.14, 0.88, 0.35) |
| C15 | (0.35, 0.42, 0.21) | (0.98, 0.98, 0.81) | (0.17, 0.65, 0.15) | (0.09, 0.52, 0.27) | (0.05, 0.06, 0.54) |
| C16 | (0.04, 0.63, 0.38) | (0.23, 0.47, 0.36) | (0.71, 0.20, 0.22) | (0.50, 0.46, 0.71) | (0.94, 0.82, 0.22) |
| C17 | (0.48, 0.73, 0.71) | (0.59, 0.30, 0.38) | (0.73, 0.55, 0.80) | (0.94, 0.85, 0.06) | (0.54, 0.01, 0.97) |
| C18 | (0.30, 0.00, 0.05) | (0.09, 0.42, 0.57) | (0.51, 0.23, 0.24) | (0.01, 0.03, 0.89) | (0.25, 0.97, 0.70) |
| C19 | (0.65, 0.71, 0.80) | (0.41, 0.13, 0.25) | (0.94, 0.01, 0.51) | (0.38, 0.52, 0.50) | (0.42, 0.75, 0.42) |
| C20 | (0.14, 0.28, 0.54) | (0.53, 0.69, 0.67) | (0.29, 0.71, 0.32) | (0.10, 0.65, 0.10) | (0.96, 0.07, 0.90) |
| C21 | (0.18, 0.92, 0.92) | (0.36, 0.79, 0.89) | (0.47, 0.45, 0.16) | (0.92, 0.75, 0.71) | (0.96, 0.38, 0.90) |
| C22 | (0.30, 0.52, 0.17) | (0.81, 0.11, 0.23) | (0.66, 0.58, 0.25) | (0.99, 0.32, 0.03) | (0.55, 0.21, 0.06) |

**Table 16**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.75, 0.18, 0.45) | (0.10, 0.09, 0.35) | (0.71, 0.26, 0.08) | (0.66, 0.32, 0.91) | (0.14, 0.78, 0.50) |
| *C*2 | (0.61, 0.06, 0.42) | (0.98, 0.03, 0.94) | (0.53, 0.46, 0.42) | (0.48, 0.01, 0.87) | (0.48, 0.21, 0.96) |
| *C*3 | (0.06, 0.72, 0.90) | (0.97, 0.86, 0.68) | (0.75, 0.25, 0.80) | (0.92, 0.70, 0.85) | (0.58, 0.70, 0.40) |
| *C*4 | (0.84, 0.20, 0.00) | (0.80, 0.71, 0.26) | (0.36, 0.70, 0.13) | (0.06, 0.92, 0.64) | (0.23, 0.99, 0.48) |
| *C*5 | (0.79, 0.04, 0.48) | (0.90, 0.56, 0.98) | (0.71, 0.46, 0.56) | (0.69, 0.32, 0.40) | (0.17, 0.04, 0.82) |
| *C*6 | (0.11, 0.65, 0.48) | (0.12, 0.86, 0.93) | (0.01, 0.08, 0.99) | (0.44, 0.37, 0.36) | (0.21, 0.42, 0.22) |
| *C*7 | (0.58, 0.42, 0.49) | (0.35, 0.58, 0.45) | (0.42, 0.74, 0.35) | (0.58, 0.78, 0.77) | (0.99, 0.46, 0.52) |
| *C*8 | (0.75, 0.75, 0.96) | (0.18, 0.59, 0.18) | (0.44, 0.09, 0.17) | (0.44, 0.52, 0.46) | (0.85, 0.40, 0.31) |
| *C*9 | (0.91, 0.62, 0.80) | (0.67, 0.76, 0.80) | (0.86, 0.95, 0.01) | (0.79, 0.33, 0.32) | (0.09, 0.05, 0.81) |
| *C*10 | (0.99, 0.73, 0.88) | (0.07, 0.41, 0.53) | (0.30, 0.60, 0.33) | (0.10, 0.04, 0.80) | (0.46, 0.74, 0.56) |
| *C*11 | (0.68, 0.15, 0.13) | (0.62, 0.42, 0.46) | (0.86, 0.59, 0.47) | (0.91, 0.08, 0.05) | (0.13, 0.48, 0.29) |
| *C*12 | (0.81, 0.50, 0.06) | (0.05, 0.70, 0.75) | (0.55, 0.61, 0.84) | (0.89, 0.60, 0.83) | (0.61, 0.53, 0.80) |
| *C*13 | (0.73, 0.09, 0.50) | (0.14, 0.24, 0.22) | (0.34, 0.18, 0.37) | (0.81, 0.46, 0.26) | (0.03, 0.43, 0.63) |
| *C*14 | (0.21, 0.63, 0.41) | (0.69, 0.45, 0.74) | (0.84, 0.38, 0.31) | (0.26, 0.90, 0.18) | (0.86, 0.20, 0.03) |
| *C*15 | (0.07, 0.59, 0.89) | (0.21, 0.07, 0.71) | (0.53, 0.77, 0.07) | (0.71, 0.58, 0.04) | (0.32, 0.81, 0.02) |
| *C*16 | (0.56, 0.16, 0.86) | (0.73, 0.92, 0.30) | (0.85, 0.69, 0.51) | (0.94, 0.33, 0.73) | (0.28, 0.69, 0.44) |
| *C*17 | (0.80, 0.75, 0.38) | (0.71, 0.86, 0.04) | (0.15, 0.66, 0.67) | (0.27, 0.74, 0.71) | (0.02, 0.02, 0.36) |
| *C*18 | (0.08, 0.83, 0.55) | (0.51, 0.92, 0.22) | (0.72, 0.96, 0.83) | (0.73, 0.38, 0.93) | (0.20, 0.60, 0.36) |
| *C*19 | (0.29, 0.80, 0.46) | (0.20, 0.02, 0.17) | (0.08, 0.62, 0.32) | (0.49, 0.18, 0.16) | (0.22, 0.38, 0.10) |
| *C*20 | (0.37, 0.41, 0.56) | (0.46, 0.89, 0.52) | (0.06, 0.22, 0.99) | (0.73, 0.33, 0.63) | (0.82, 0.30, 0.28) |
| *C*21 | (0.99, 0.26, 0.64) | (0.00, 0.80, 0.32) | (0.69, 0.58, 0.96) | (0.72, 0.50, 0.34) | (0.88, 0.01, 0.19) |
| *C*22 | (0.71, 0.67, 0.64) | (0.67, 0.31, 0.49) | (0.39, 0.61, 0.78) | (0.32, 0.42, 0.31) | (0.01, 0.15, 0.71) |

**Table 17**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.75, 0.18, 0.45) | (0.10, 0.09, 0.35) | (0.71, 0.26, 0.08) | (0.66, 0.32, 0.91) | (0.14, 0.78, 0.50) |
| *C*2 | (0.61, 0.06, 0.42) | (0.98, 0.03, 0.94) | (0.53, 0.46, 0.42) | (0.48, 0.01, 0.87) | (0.48, 0.21, 0.96) |
| *C*3 | (0.06, 0.72, 0.90) | (0.97, 0.86, 0.68) | (0.75, 0.25, 0.80) | (0.92, 0.70, 0.85) | (0.58, 0.70, 0.40) |
| *C*4 | (0.84, 0.20, 0.00) | (0.80, 0.71, 0.26) | (0.36, 0.70, 0.13) | (0.06, 0.92, 0.64) | (0.23, 0.99, 0.48) |
| *C*5 | (0.79, 0.04, 0.48) | (0.90, 0.56, 0.98) | (0.71, 0.46, 0.56) | (0.69, 0.32, 0.40) | (0.17, 0.04, 0.82) |
| *C*6 | (0.11, 0.65, 0.48) | (0.12, 0.86, 0.93) | (0.01, 0.08, 0.99) | (0.44, 0.37, 0.36) | (0.21, 0.42, 0.22) |
| *C*7 | (0.58, 0.42, 0.49) | (0.35, 0.58, 0.45) | (0.42, 0.74, 0.35) | (0.58, 0.78, 0.77) | (0.99, 0.46, 0.52) |
| *C*8 | (0.75, 0.75, 0.96) | (0.18, 0.59, 0.18) | (0.44, 0.09, 0.17) | (0.44, 0.52, 0.46) | (0.85, 0.40, 0.31) |
| *C*9 | (0.91, 0.62, 0.80) | (0.67, 0.76, 0.80) | (0.86, 0.95, 0.01) | (0.79, 0.33, 0.32) | (0.09, 0.05, 0.81) |
| *C*10 | (0.99, 0.73, 0.88) | (0.07, 0.41, 0.53) | (0.30, 0.60, 0.33) | (0.10, 0.04, 0.80) | (0.46, 0.74, 0.56) |
| *C*11 | (0.68, 0.15, 0.13) | (0.62, 0.42, 0.46) | (0.86, 0.59, 0.47) | (0.91, 0.08, 0.05) | (0.13, 0.48, 0.29) |
| *C*12 | (0.81, 0.50, 0.06) | (0.05, 0.70, 0.75) | (0.55, 0.61, 0.84) | (0.89, 0.60, 0.83) | (0.61, 0.53, 0.80) |
| *C*13 | (0.73, 0.09, 0.50) | (0.14, 0.24, 0.22) | (0.34, 0.18, 0.37) | (0.81, 0.46, 0.26) | (0.03, 0.43, 0.63) |
| *C*14 | (0.21, 0.63, 0.41) | (0.69, 0.45, 0.74) | (0.84, 0.38, 0.31) | (0.26, 0.90, 0.18) | (0.86, 0.20, 0.03) |
| *C*15 | (0.07, 0.59, 0.89) | (0.21, 0.07, 0.71) | (0.53, 0.77, 0.07) | (0.71, 0.58, 0.04) | (0.32, 0.81, 0.02) |
| *C*16 | (0.56, 0.16, 0.86) | (0.73, 0.92, 0.30) | (0.85, 0.69, 0.51) | (0.94, 0.33, 0.73) | (0.28, 0.69, 0.44) |
| *C*17 | (0.80, 0.75, 0.38) | (0.71, 0.86, 0.04) | (0.15, 0.66, 0.67) | (0.27, 0.74, 0.71) | (0.02, 0.02, 0.36) |
| *C*18 | (0.08, 0.83, 0.55) | (0.51, 0.92, 0.22) | (0.72, 0.96, 0.83) | (0.73, 0.38, 0.93) | (0.20, 0.60, 0.36) |
| *C*19 | (0.29, 0.80, 0.46) | (0.20, 0.02, 0.17) | (0.08, 0.62, 0.32) | (0.49, 0.18, 0.16) | (0.22, 0.38, 0.10) |
| *C*20 | (0.37, 0.41, 0.56) | (0.46, 0.89, 0.52) | (0.06, 0.22, 0.99) | (0.73, 0.33, 0.63) | (0.82, 0.30, 0.28) |
| *C*21 | (0.99, 0.26, 0.64) | (0.00, 0.80, 0.32) | (0.69, 0.58, 0.96) | (0.72, 0.50, 0.34) | (0.88, 0.01, 0.19) |
| *C*22 | (0.71, 0.67, 0.64) | (0.67, 0.31, 0.49) | (0.39, 0.61, 0.78) | (0.32, 0.42, 0.31) | (0.01, 0.15, 0.71) |

**Table 18**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.58, 0.32, 0.10) | (0.12, 0.00, 0.53) | (0.49, 0.64, 0.67) | (0.08, 0.41, 0.17) | (0.13, 0.12, 0.87) |
| *C*2 | (0.13, 0.13, 0.38) | (0.84, 0.46, 0.86) | (0.18, 0.64, 0.66) | (0.33, 0.36, 0.56) | (0.37, 0.74, 0.04) |
| *C*3 | (0.44, 0.36, 0.59) | (0.59, 0.14, 0.08) | (0.35, 0.47, 0.78) | (0.97, 0.04, 0.66) | (0.12, 0.48, 0.39) |
| *C*4 | (0.81, 0.28, 0.85) | (0.16, 0.42, 0.22) | (0.56, 0.06, 0.78) | (0.97, 0.41, 0.09) | (0.26, 0.26, 0.09) |
| *C*5 | (0.11, 0.65, 0.48) | (0.53, 0.43, 0.48) | (0.45, 0.00, 0.27) | (0.58, 0.43, 0.00) | (0.08, 0.29, 0.85) |
| *C*6 | (0.26, 0.46, 0.37) | (0.57, 0.03, 0.47) | (0.74, 0.24, 0.03) | (0.96, 0.74, 0.84) | (0.21, 0.49, 0.86) |
| *C*7 | (0.92, 0.55, 0.99) | (0.45, 0.27, 0.49) | (0.71, 0.18, 0.21) | (0.83, 0.24, 0.77) | (0.20, 0.44, 0.11) |
| *C*8 | (0.44, 0.87, 0.99) | (0.21, 0.84, 0.58) | (0.15, 0.73, 0.56) | (0.44, 0.35, 0.83) | (0.22, 0.16, 0.01) |
| *C*9 | (0.65, 0.76, 0.95) | (0.86, 0.27, 0.94) | (0.83, 0.18, 0.79) | (0.23, 0.76, 0.63) | (0.38, 0.68, 0.51) |
| *C*10 | (0.16, 0.85, 0.04) | (0.44, 0.43, 0.29) | (0.44, 0.35, 0.83) | (0.18, 0.25, 0.22) | (0.31, 0.97, 0.33) |
| *C*11 | (0.06, 0.04, 0.76) | (0.61, 0.04, 0.91) | (0.23, 0.76, 0.63) | (0.51, 0.01, 0.46) | (0.54, 0.65, 0.35) |
| *C*12 | (0.73, 0.96, 0.46) | (0.88, 0.60, 0.82) | (0.12, 0.54, 0.99) | (0.12, 0.75, 0.09) | (0.02, 0.94, 0.79) |
| *C*13 | (0.38, 0.55, 0.58) | (0.98, 0.69, 0.61) | (0.46, 0.86, 0.29) | (0.23, 0.74, 0.59) | (0.14, 0.97, 0.17) |
| *C*14 | (0.16, 0.28, 0.38) | (0.38, 0.78, 0.09) | (0.69, 0.24, 0.60) | (0.39, 0.28, 0.45) | (0.97, 0.80, 0.99) |
| *C*15 | (0.03, 0.30, 0.14) | (0.87, 0.10, 0.09) | (0.65, 0.49, 0.29) | (0.95, 0.94, 0.29) | (0.34, 0.90, 0.74) |
| *C*16 | (0.56, 0.85, 0.31) | (0.50, 0.60, 0.48) | (0.02, 0.36, 0.23) | (0.96, 0.03, 0.06) | (0.36, 0.13, 0.04) |
| *C*17 | (0.87, 0.39, 0.87) | (0.28, 0.08, 0.45) | (0.10, 0.87, 0.55) | (0.46, 0.44, 0.04) | (0.72, 0.52, 0.35) |
| *C*18 | (0.59, 0.30, 0.81) | (0.61, 0.13, 0.94) | (0.79, 0.67, 0.63) | (0.13, 0.16, 0.03) | (0.00, 0.95, 0.93) |
| *C*19 | (0.95, 0.66, 0.92) | (0.58, 0.32, 0.42) | (0.78, 0.69, 0.29) | (0.30, 0.06, 0.97) | (0.71, 0.35, 0.61) |
| *C*20 | (0.45, 0.76, 0.56) | (0.44, 0.37, 0.03) | (0.03, 0.85, 0.31) | (0.22, 0.16, 0.01) | (0.59, 0.49, 0.63) |
| *C*21 | (0.93, 0.90, 0.84) | (0.63, 0.60, 0.08) | (0.79, 0.67, 0.63) | (0.20, 0.44, 0.11) | (0.59, 0.82, 0.48) |
| *C*22 | (0.90, 0.14, 0.98) | (0.30, 0.05, 0.17) | (0.02, 0.36, 0.23) | (0.22, 0.16, 0.01) | (0.80, 0.49, 0.13) |

**Table 19**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | A1 | A2 | A3 | A4 | A5 |
| C1 | (0.80, 0.21, 0.06) | (0.04, 0.08, 0.29) | (0.64, 0.29, 0.79) | (0.41, 0.83, 0.92) | (0.12, 0.80, 0.60) |
| C2 | (0.16, 0.24, 0.29) | (0.64, 0.49, 0.89) | (0.35, 0.83, 0.63) | (0.36, 0.22, 0.87) | (0.06, 0.24, 0.45) |
| C3 | (0.40, 0.11, 0.08) | (0.47, 0.06, 0.34) | (0.92, 0.00, 0.58) | (0.68, 0.96, 0.28) | (0.85, 0.00, 0.86) |
| C4 | (0.59, 0.04, 0.33) | (0.80, 0.01, 0.62) | (0.23, 0.87, 0.79) | (0.76, 0.94, 0.75) | (0.95, 0.63, 0.94) |
| C5 | (0.63, 0.61, 0.93) | (0.61, 0.23, 0.80) | (0.02, 0.49, 0.51) | (0.97, 0.21, 0.07) | (0.99, 0.06, 0.83) |
| C6 | (0.91, 0.88, 0.44) | (0.51, 0.47, 0.92) | (0.60, 0.66, 0.94) | (0.74, 0.75, 0.61) | (0.18, 0.69, 0.37) |
| C7 | (0.05, 0.82, 0.76) | (0.37, 0.92, 0.22) | (0.02, 0.02, 0.97) | (0.04, 0.08, 0.53) | (0.50, 0.02, 0.84) |
| C8 | (0.55, 0.39, 0.44) | (0.38, 0.54, 0.09) | (0.42, 0.31, 0.06) | (0.85, 0.57, 0.30) | (0.28, 0.29, 0.45) |
| C9 | (0.69, 0.10, 0.65) | (0.29, 0.81, 0.08) | (0.24, 0.40, 0.71) | (0.36, 0.60, 0.14) | (0.52, 0.08, 0.28) |
| C10 | (0.43, 0.18, 0.20) | (0.87, 0.73, 0.30) | (0.35, 0.69, 0.72) | (0.17, 0.14, 0.06) | (0.73, 0.23, 0.11) |
| C11 | (0.62, 0.84, 0.24) | (0.43, 0.11, 0.06) | (0.92, 0.33, 0.79) | (0.95, 0.53, 0.96) | (0.92, 0.61, 0.57) |
| C12 | (0.98, 0.43, 0.68) | (0.36, 0.85, 0.06) | (0.79, 0.84, 0.31) | (0.73, 0.76, 0.52) | (0.15, 0.96, 0.22) |
| C13 | (0.35, 0.93, 0.80) | (0.30, 0.86, 0.56) | (0.62, 0.16, 0.56) | (0.55, 0.76, 0.71) | (0.67, 0.27, 0.27) |
| C14 | (0.98, 0.81, 0.86) | (0.83, 0.13, 0.62) | (0.52, 0.21, 0.71) | (0.49, 0.53, 0.01) | (0.66, 0.20, 0.33) |
| C15 | (0.11, 0.50, 0.64) | (0.69, 0.67, 0.85) | (0.04, 0.12, 0.53) | (0.47, 0.73, 0.41) | (0.76, 0.17, 0.69) |
| C16 | (0.97, 0.18, 0.84) | (0.71, 0.82, 0.08) | (0.23, 0.39, 0.07) | (0.36, 0.77, 0.36) | (0.75, 0.96, 0.83) |
| C17 | (0.66, 0.16, 0.67) | (0.29, 0.44, 0.27) | (0.59, 0.71, 0.74) | (0.00, 0.85, 0.48) | (0.22, 0.98, 0.70) |
| C18 | (0.64, 0.89, 0.01) | (0.60, 0.24, 0.55) | (0.18, 0.41, 0.00) | (0.44, 0.66, 0.26) | (0.56, 0.88, 0.79) |
| C19 | (0.14, 0.39, 0.10) | (0.38, 0.66, 0.97) | (0.92, 0.82, 0.18) | (0.69, 0.11, 0.59) | (0.75, 0.13, 0.49) |
| C20 | (0.32, 0.70, 0.31) | (0.05, 0.62, 0.10) | (0.29, 0.63, 0.53) | (0.56, 0.96, 0.21) | (0.40, 0.92, 0.94) |
| C21 | (0.72, 0.68, 0.04) | (0.48, 0.38, 0.06) | (0.50, 0.95, 0.17) | (0.23, 0.41, 0.37) | (0.09, 0.63, 0.90) |
| C22 | (0.79, 0.58, 0.94) | (0.50, 0.30, 0.40) | (0.67, 0.76, 0.28) | (0.99, 0.85, 0.68) | (0.16, 0.97, 0.81) |

**Table 20**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.78, 0.63, 0.85) | (0.76, 0.93, 0.23) | (0.97, 0.35, 0.75) | (0.43, 0.51, 0.89) | (0.10, 0.34, 0.72) |
| *C*2 | (0.82, 0.48, 0.58) | (0.01, 0.86, 0.37) | (0.24, 0.40, 0.71) | (0.43, 0.80, 0.65) | (0.31, 0.79, 0.73) |
| *C*3 | (0.36, 0.62, 0.84) | (0.64, 0.86, 0.89) | (0.01, 0.24, 0.33) | (0.08, 0.63, 0.02) | (0.07, 0.89, 0.20) |
| *C*4 | (0.53, 0.33, 0.74) | (0.11, 0.30, 0.04) | (0.12, 0.30, 0.27) | (0.81, 0.54, 0.77) | (0.44, 0.72, 0.42) |
| *C*5 | (0.87, 0.50, 0.60) | (0.33, 0.56, 0.78) | (0.31, 0.50, 0.09) | (0.60, 0.82, 0.40) | (0.88, 0.96, 0.71) |
| *C*6 | (0.73, 0.63, 0.30) | (0.86, 0.72, 0.93) | (0.64, 0.74, 0.19) | (0.63, 0.17, 0.85) | (0.67, 0.61, 0.93) |
| *C*7 | (0.17, 0.37, 0.09) | (0.14, 0.74, 0.39) | (0.62, 0.18, 0.85) | (0.84, 0.66, 0.92) | (0.31, 0.67, 0.63) |
| *C*8 | (0.30, 0.02, 0.94) | (0.54, 0.86, 0.33) | (0.02, 0.35, 0.98) | (0.55, 0.82, 0.37) | (0.65, 0.63, 0.55) |
| *C*9 | (0.64, 0.79, 0.97) | (0.66, 0.01, 0.52) | (0.81, 0.95, 0.78) | (0.37, 0.58, 0.34) | (0.88, 0.48, 0.38) |
| *C*10 | (0.95, 0.40, 0.55) | (0.19, 0.21, 0.13) | (0.13, 0.46, 0.30) | (0.79, 0.01, 0.34) | (0.46, 0.33, 0.99) |
| *C*11 | (0.88, 0.02, 0.75) | (0.38, 0.78, 0.21) | (0.82, 0.23, 0.35) | (0.86, 0.72, 0.07) | (0.75, 0.54, 0.23) |
| *C*12 | (0.65, 0.55, 0.46) | (0.17, 0.76, 0.57) | (0.76, 0.50, 0.15) | (0.69, 0.96, 0.65) | (0.69, 0.26, 0.84) |
| *C*13 | (0.89, 0.46, 0.19) | (0.35, 0.69, 0.15) | (0.78, 0.81, 0.44) | (0.16, 0.65, 0.08) | (0.50, 0.91, 0.12) |
| *C*14 | (0.85, 0.06, 0.73) | (0.17, 0.90, 0.78) | (0.31, 0.29, 0.91) | (0.49, 0.06, 0.11) | (0.97, 0.70, 0.91) |
| *C*15 | (0.41, 0.42, 0.49) | (0.75, 0.07, 0.91) | (0.89, 0.15, 0.37) | (0.19, 0.74, 0.36) | (1.00, 0.66, 0.61) |
| *C*16 | (0.09, 0.13, 0.87) | (0.49, 0.19, 0.53) | (0.84, 0.51, 0.89) | (0.96, 0.41, 0.28) | (0.45, 0.23, 0.51) |
| *C*17 | (0.86, 0.54, 0.60) | (0.54, 0.34, 0.89) | (0.43, 0.88, 0.04) | (0.14, 0.68, 0.53) | (0.60, 0.94, 0.17) |
| *C*18 | (0.94, 0.38, 0.81) | (0.16, 0.98, 0.73) | (0.82, 0.12, 0.97) | (0.94, 0.92, 0.04) | (0.34, 0.87, 0.37) |
| *C*19 | (0.12, 0.76, 0.58) | (0.96, 0.89, 0.88) | (0.28, 0.56, 0.27) | (0.63, 0.64, 0.87) | (0.20, 0.42, 0.87) |
| *C*20 | (0.19, 0.60, 0.99) | (0.22, 0.27, 0.08) | (0.24, 0.85, 0.80) | (0.25, 0.57, 0.79) | (0.58, 0.20, 0.29) |
| *C*21 | (0.21, 0.65, 0.86) | (0.26, 0.50, 0.59) | (0.27, 0.73, 0.52) | (0.70, 0.52, 0.40) | (0.94, 0.81, 0.18) |
| *C*22 | (0.18, 0.60, 0.74) | (0.49, 0.57, 0.48) | (0.53, 0.32, 0.44) | (0.10, 0.34, 0.72) | (0.84, 0.99, 0.44) |

**Table 21**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.06, 0.42, 0.55) | (0.07, 0.00, 0.10) | (0.14, 0.45, 0.04) | (0.97, 0.03, 0.64) | (0.96, 0.96, 0.86) |
| *C*2 | (0.22, 0.10, 0.58) | (0.61, 0.36, 0.83) | (0.19, 0.87, 0.72) | (0.44, 0.54, 0.77) | (0.99, 0.27, 0.44) |
| *C*3 | (0.57, 0.70, 0.09) | (0.01, 0.39, 0.56) | (0.39, 0.85, 0.40) | (0.38, 0.76, 0.84) | (0.31, 0.29, 0.88) |
| *C*4 | (0.59, 0.80, 0.76) | (0.03, 0.90, 0.62) | (0.53, 0.22, 0.21) | (0.95, 0.32, 0.62) | (0.58, 0.80, 0.43) |
| *C*5 | (0.36, 0.14, 0.21) | (0.40, 0.16, 0.91) | (0.66, 0.47, 0.99) | (0.42, 0.47, 0.55) | (0.50, 0.60, 0.86) |
| *C*6 | (0.65, 0.78, 0.47) | (0.34, 0.71, 0.75) | (0.45, 0.05, 0.39) | (0.82, 0.57, 0.01) | (0.99, 0.62, 0.05) |
| *C*7 | (0.34, 0.23, 0.44) | (0.76, 0.06, 0.29) | (0.20, 0.34, 0.58) | (0.74, 0.11, 0.19) | (0.51, 0.83, 0.78) |
| *C*8 | (0.04, 0.27, 0.11) | (0.23, 0.50, 0.12) | (0.40, 0.57, 0.86) | (0.03, 0.18, 0.28) | (0.66, 0.38, 0.11) |
| *C*9 | (0.71, 0.68, 0.75) | (0.44, 0.05, 0.19) | (0.51, 0.25, 0.57) | (0.49, 0.59, 0.69) | (0.34, 0.89, 0.99) |
| *C*10 | (0.32, 0.79, 0.22) | (0.83, 0.30, 0.98) | (0.29, 0.21, 0.04) | (0.75, 0.17, 0.62) | (0.11, 0.36, 0.15) |
| *C*11 | (0.15, 0.55, 0.59) | (0.04, 0.00, 0.20) | (0.68, 0.66, 0.63) | (0.97, 0.24, 0.35) | (0.34, 0.99, 0.83) |
| *C*12 | (0.73, 0.22, 0.98) | (0.77, 0.84, 0.09) | (0.44, 0.36, 0.46) | (0.01, 0.13, 0.10) | (0.35, 0.38, 0.65) |
| *C*13 | (0.41, 0.78, 0.98) | (0.31, 0.57, 0.57) | (0.38, 0.90, 0.96) | (0.90, 0.54, 0.06) | (0.24, 0.94, 0.20) |
| *C*14 | (0.24, 0.80, 0.13) | (0.68, 0.19, 0.39) | (0.20, 0.13, 0.99) | (0.26, 0.30, 0.61) | (0.42, 0.06, 0.88) |
| *C*15 | (0.77, 0.35, 0.86) | (0.54, 0.59, 0.29) | (0.34, 0.05, 0.08) | (0.38, 0.57, 0.99) | (0.44, 0.46, 0.08) |
| *C*16 | (0.50, 0.48, 0.47) | (0.75, 0.20, 0.12) | (0.89, 0.22, 0.72) | (0.42, 0.53, 0.50) | (0.47, 0.65, 0.59) |
| *C*17 | (0.55, 0.35, 0.14) | (0.23, 0.61, 0.73) | (0.61, 0.45, 0.56) | (0.31, 0.13, 0.73) | (0.29, 0.69, 0.49) |
| *C*18 | (0.39, 0.07, 0.65) | (0.28, 0.52, 0.96) | (0.52, 0.67, 0.88) | (0.12, 0.66, 0.85) | (0.79, 0.31, 0.45) |
| *C*19 | (0.72, 0.99, 0.02) | (0.34, 0.73, 0.93) | (0.25, 0.69, 0.91) | (0.10, 0.99, 0.55) | (0.62, 0.80, 0.03) |
| *C*20 | (0.76, 0.90, 0.69) | (0.38, 0.44, 0.37) | (0.01, 0.08, 0.74) | (0.40, 0.72, 0.07) | (0.99, 0.84, 0.36) |
| *C*21 | (0.47, 0.18, 0.89) | (0.95, 0.38, 0.97) | (0.74, 0.27, 0.13) | (0.27, 0.68, 0.50) | (0.62, 0.14, 0.30) |
| *C*22 | (0.52, 0.30, 0.03) | (0.89, 0.15, 0.38) | (0.35, 0.39, 0.62) | (0.49, 0.25, 0.17) | (0.69, 0.03, 0.28) |

**Table 22**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.33, 0.19, 0.83) | (0.05, 0.84, 0.58) | (0.63, 0.42, 0.89) | (0.99, 0.17, 0.16) | (0.90, 0.88, 0.38) |
| *C*2 | (0.87, 0.67, 0.99) | (0.09, 0.57, 0.21) | (0.46, 0.51, 0.44) | (0.72, 0.17, 0.99) | (0.37, 0.92, 0.92) |
| *C*3 | (0.04, 0.85, 0.37) | (0.16, 0.78, 0.22) | (0.19, 0.71, 0.32) | (0.36, 0.03, 0.57) | (0.79, 0.17, 0.30) |
| *C*4 | (0.03, 0.17, 0.82) | (0.37, 0.53, 0.99) | (0.09, 0.52, 0.04) | (0.12, 0.93, 0.12) | (0.68, 0.02, 0.11) |
| *C*5 | (0.01, 0.06, 0.89) | (0.23, 0.62, 0.17) | (0.09, 0.15, 0.12) | (0.17, 0.80, 0.79) | (0.20, 0.39, 0.67) |
| *C*6 | (0.09, 0.49, 0.95) | (0.55, 0.17, 0.82) | (0.30, 0.81, 0.12) | (0.40, 0.45, 0.78) | (0.98, 0.95, 0.86) |
| *C*7 | (0.22, 0.05, 0.01) | (0.89, 0.78, 0.72) | (0.86, 0.64, 0.65) | (0.72, 0.17, 0.17) | (0.26, 0.45, 0.61) |
| *C*8 | (0.92, 0.86, 0.65) | (0.45, 0.02, 0.65) | (0.23, 0.40, 0.38) | (0.26, 0.96, 0.22) | (0.88, 0.35, 0.63) |
| *C*9 | (0.61, 0.01, 0.44) | (0.52, 0.37, 0.00) | (0.47, 0.40, 0.06) | (0.88, 0.90, 0.86) | (0.43, 0.24, 0.18) |
| *C*10 | (0.76, 0.52, 0.50) | (0.11, 0.27, 0.93) | (0.74, 0.75, 0.27) | (0.19, 0.97, 0.25) | (0.69, 0.55, 0.59) |
| *C*11 | (0.12, 0.99, 0.90) | (0.25, 0.69, 0.89) | (0.27, 0.94, 0.35) | (0.31, 0.07, 0.68) | (0.30, 0.08, 0.88) |
| *C*12 | (0.95, 0.50, 0.59) | (0.06, 0.14, 0.02) | (0.13, 0.47, 0.41) | (0.78, 0.25, 0.96) | (0.63, 0.45, 0.33) |
| *C*13 | (0.86, 0.35, 0.87) | (0.57, 0.83, 0.92) | (0.64, 0.72, 0.49) | (0.32, 0.13, 0.44) | (0.10, 0.71, 0.72) |
| *C*14 | (0.78, 0.65, 0.64) | (0.92, 0.94, 0.32) | (0.05, 0.34, 0.06) | (0.54, 0.68, 0.97) | (0.48, 0.96, 0.57) |
| *C*15 | (0.40, 0.59, 0.23) | (0.26, 0.73, 0.20) | (0.77, 0.63, 0.65) | (0.89, 0.43, 0.53) | (0.90, 0.48, 0.93) |
| *C*16 | (0.79, 0.72, 0.71) | (0.26, 0.03, 0.95) | (0.52, 0.24, 0.17) | (0.55, 0.26, 0.52) | (0.66, 0.69, 0.08) |
| *C*17 | (0.09, 0.06, 0.55) | (0.25, 0.72, 0.81) | (0.72, 0.69, 0.85) | (0.23, 0.19, 0.97) | (0.94, 0.62, 0.36) |
| *C*18 | (0.96, 0.06, 0.60) | (0.16, 0.58, 0.49) | (0.08, 0.99, 0.01) | (0.36, 0.99, 0.69) | (0.31, 0.17, 0.95) |
| *C*19 | (0.11, 0.93, 0.55) | (0.32, 0.98, 0.61) | (0.46, 0.41, 0.04) | (0.56, 0.92, 0.68) | (0.30, 0.07, 0.58) |
| *C*20 | (0.80, 0.73, 0.21) | (0.74, 0.35, 0.23) | (0.78, 0.22, 0.06) | (0.04, 0.40, 0.28) | (0.65, 0.95, 0.75) |
| *C*21 | (0.51, 0.76, 0.53) | (0.14, 0.89, 0.80) | (0.03, 0.85, 0.47) | (0.54, 0.79, 0.61) | (0.78, 0.30, 0.12) |
| *C*22 | (0.31, 0.02, 0.27) | (0.63, 0.46, 0.74) | (0.42, 0.19, 0.96) | (0.95, 0.05, 0.28) | (0.11, 0.27, 0.70) |

**Table 23**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.95, 0.44, 0.90) | (0.18, 0.06, 0.18) | (0.75, 0.46, 0.08) | (0.63, 0.52, 0.92) | (0.16, 0.52, 0.30) |
| *C*2 | (0.11, 0.88, 0.37) | (0.80, 0.94, 0.31) | (0.51, 0.02, 0.54) | (0.21, 0.32, 0.66) | (0.17, 0.55, 0.32) |
| *C*3 | (0.33, 0.67, 0.87) | (0.26, 0.45, 0.15) | (0.86, 0.38, 0.13) | (0.18, 0.16, 0.92) | (0.68, 0.94, 0.51) |
| *C*4 | (0.53, 0.69, 0.79) | (0.48, 0.76, 0.82) | (0.51, 0.71, 0.17) | (0.86, 0.82, 0.40) | (0.81, 0.80, 0.73) |
| *C*5 | (0.36, 0.82, 0.80) | (0.59, 0.85, 0.06) | (0.70, 0.19, 0.59) | (0.95, 0.34, 0.80) | (0.12, 0.76, 0.59) |
| *C*6 | (0.98, 0.43, 0.71) | (0.59, 0.55, 0.73) | (0.17, 0.66, 0.59) | (0.43, 0.01, 0.01) | (0.74, 0.99, 0.67) |
| *C*7 | (0.66, 0.66, 0.23) | (0.36, 0.99, 0.90) | (0.21, 0.89, 0.70) | (0.82, 0.20, 0.55) | (0.23, 0.19, 0.60) |
| *C*8 | (0.24, 0.86, 0.96) | (0.69, 0.33, 0.64) | (0.25, 0.70, 0.80) | (0.26, 0.27, 0.95) | (0.72, 0.40, 0.72) |
| *C*9 | (0.81, 0.78, 0.65) | (0.76, 0.18, 0.85) | (0.10, 0.71, 0.72) | (0.53, 0.71, 0.40) | (0.82, 0.12, 0.81) |
| *C*10 | (0.43, 0.20, 0.24) | (0.71, 0.64, 0.23) | (0.69, 0.16, 0.11) | (0.98, 0.61, 0.84) | (0.04, 0.44, 0.46) |
| *C*11 | (0.12, 0.97, 0.37) | (0.11, 0.03, 0.41) | (0.21, 0.28, 0.15) | (0.98, 0.99, 0.74) | (0.43, 0.22, 0.65) |
| *C*12 | (0.13, 0.25, 0.11) | (0.90, 0.52, 0.29) | (0.66, 0.88, 0.61) | (0.38, 0.03, 0.89) | (0.55, 0.75, 0.29) |
| *C*13 | (0.74, 0.82, 0.01) | (0.57, 0.19, 0.24) | (0.56, 0.34, 0.54) | (0.35, 0.71, 0.55) | (0.61, 0.46, 0.76) |
| *C*14 | (0.20, 0.09, 0.06) | (0.64, 0.21, 0.24) | (0.73, 0.48, 0.87) | (0.88, 0.62, 0.14) | (0.65, 0.28, 0.79) |
| *C*15 | (0.41, 0.51, 0.71) | (0.84, 0.62, 0.57) | (0.68, 0.90, 0.51) | (0.49, 0.40, 0.66) | (0.27, 0.23, 0.89) |
| *C*16 | (0.29, 0.50, 0.87) | (0.02, 0.89, 0.02) | (0.58, 0.22, 0.22) | (0.17, 0.66, 0.96) | (0.17, 0.16, 0.15) |
| *C*17 | (0.19, 0.73, 0.32) | (0.55, 0.86, 0.81) | (0.77, 0.50, 0.11) | (0.28, 0.96, 0.83) | (0.13, 0.24, 0.74) |
| *C*18 | (0.92, 0.18, 0.08) | (0.84, 0.56, 0.84) | (0.34, 0.74, 0.71) | (0.72, 0.07, 0.69) | (0.17, 0.98, 0.26) |
| *C*19 | (0.52, 0.38, 0.86) | (0.77, 0.43, 0.57) | (0.20, 0.42, 0.42) | (0.99, 0.42, 0.69) | (0.71, 0.21, 0.18) |
| *C*20 | (0.51, 0.36, 0.42) | (0.04, 0.06, 0.01) | (0.84, 0.36, 0.75) | (0.32, 0.85, 0.52) | (0.59, 0.11, 0.14) |
| *C*21 | (0.16, 0.52, 0.76) | (0.86, 0.94, 0.49) | (0.78, 0.63, 0.82) | (0.36, 0.67, 0.52) | (0.44, 0.60, 0.13) |
| *C*22 | (0.27, 0.71, 0.28) | (0.40, 0.38, 0.26) | (0.29, 0.87, 0.11) | (0.71, 0.19, 0.77) | (0.31, 0.53, 0.98) |

**Table 24**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.92, 0.74, 0.10) | (0.36, 0.69, 0.28) | (0.07, 0.14, 0.13) | (0.50, 0.36, 0.96) | (0.64, 0.90, 0.29) |
| *C*2 | (0.79, 0.38, 0.28) | (0.52, 0.75, 0.43) | (0.43, 0.61, 0.17) | (0.00, 0.50, 0.57) | (0.57, 0.27, 0.70) |
| *C*3 | (0.28, 0.17, 0.86) | (0.30, 0.89, 0.15) | (0.79, 0.93, 0.30) | (0.46, 0.69, 0.61) | (0.09, 0.94, 0.57) |
| *C*4 | (0.22, 0.20, 0.97) | (0.89, 0.17, 0.79) | (0.41, 0.88, 0.30) | (0.82, 0.60, 0.49) | (0.25, 0.84, 0.05) |
| *C*5 | (0.36, 0.81, 0.87) | (0.17, 0.49, 0.68) | (0.41, 0.38, 0.83) | (0.21, 0.97, 0.55) | (0.94, 0.95, 0.30) |
| *C*6 | (0.30, 0.93, 0.97) | (0.94, 0.80, 0.83) | (0.50, 0.78, 0.27) | (0.02, 0.38, 0.80) | (0.97, 0.21, 0.30) |
| *C*7 | (0.63, 0.92, 0.50) | (0.97, 0.32, 0.14) | (0.81, 0.94, 0.82) | (0.61, 0.89, 0.34) | (0.91, 0.84, 0.18) |
| *C*8 | (0.70, 0.44, 0.13) | (0.04, 0.81, 0.25) | (0.08, 0.47, 0.99) | (0.47, 0.20, 0.55) | (0.85, 0.64, 0.41) |
| *C*9 | (0.05, 0.24, 0.20) | (0.80, 0.01, 0.72) | (0.83, 0.16, 0.57) | (0.09, 0.24, 0.79) | (0.07, 0.25, 0.64) |
| *C*10 | (0.94, 0.46, 0.94) | (0.60, 0.24, 0.57) | (0.26, 0.40, 0.16) | (0.22, 0.98, 0.87) | (0.89, 0.55, 0.99) |
| *C*11 | (0.47, 0.89, 0.33) | (0.39, 0.80, 0.18) | (0.77, 0.74, 0.12) | (0.91, 0.78, 0.99) | (0.57, 0.64, 0.11) |
| *C*12 | (0.46, 0.25, 0.66) | (0.26, 0.72, 0.50) | (0.57, 0.73, 0.12) | (0.78, 0.83, 0.78) | (0.18, 0.82, 0.07) |
| *C*13 | (0.39, 0.80, 0.18) | (0.32, 0.71, 0.27) | (0.60, 0.42, 0.98) | (0.29, 0.68, 0.35) | (0.46, 0.98, 0.26) |
| *C*14 | (0.26, 0.72, 0.50) | (0.34, 0.33, 0.37) | (0.65, 0.49, 0.69) | (0.69, 0.45, 0.84) | (0.02, 0.36, 0.13) |
| *C*15 | (0.32, 0.71, 0.27) | (0.87, 0.91, 0.17) | (0.98, 0.39, 0.08) | (0.99, 0.33, 0.25) | (0.61, 0.89, 0.02) |
| *C*16 | (0.94, 0.84, 0.69) | (0.65, 0.67, 0.36) | (0.57, 0.42, 0.38) | (0.07, 0.81, 0.76) | (0.63, 0.27, 0.38) |
| *C*17 | (0.51, 0.37, 0.66) | (0.16, 0.59, 0.62) | (0.21, 0.94, 0.72) | (0.17, 0.32, 0.86) | (0.18, 0.71, 0.05) |
| *C*18 | (0.92, 0.06, 0.03) | (0.20, 0.96, 0.64) | (0.25, 0.43, 0.17) | (0.65, 0.86, 0.34) | (0.08, 0.34, 0.63) |
| *C*19 | (0.39, 0.28, 0.37) | (0.52, 0.40, 0.66) | (0.67, 0.10, 0.89) | (0.09, 0.97, 0.48) | (0.93, 0.59, 0.32) |
| *C*20 | (0.86, 0.12, 0.29) | (0.13, 0.28, 0.21) | (0.79, 0.44, 0.13) | (0.65, 0.66, 0.33) | (0.14, 0.12, 0.48) |
| *C*21 | (0.63, 0.60, 0.14) | (0.67, 0.10, 0.89) | (0.41, 0.69, 0.03) | (0.06, 0.23, 0.18) | (0.62, 0.92, 0.22) |
| *C*22 | (0.04, 0.82, 0.24) | (0.79, 0.44, 0.13) | (0.24, 0.06, 0.31) | (0.08, 0.90, 0.80) | (0.42, 0.68, 0.63) |

**Table 25**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.21, 0.03, 0.78) | (0.77, 0.96, 0.00) | (0.64, 0.51, 0.99) | (0.41, 0.13, 0.59) | (0.44, 0.26, 0.69) |
| *C*2 | (0.87, 0.96, 0.27) | (0.26, 0.77, 0.84) | (0.47, 0.36, 0.08) | (0.70, 0.30, 0.47) | (0.88, 0.76, 0.99) |
| *C*3 | (0.66, 0.05, 0.70) | (0.08, 0.84, 0.62) | (0.94, 0.52, 0.62) | (0.25, 0.43, 0.75) | (0.52, 0.90, 0.73) |
| *C*4 | (0.49, 0.79, 0.36) | (0.21, 0.92, 0.88) | (0.70, 0.82, 0.65) | (0.37, 0.93, 0.62) | (0.34, 0.93, 0.93) |
| *C*5 | (0.62, 0.64, 0.19) | (0.10, 0.51, 0.79) | (0.81, 0.44, 0.67) | (0.60, 0.54, 0.21) | (0.82, 0.99, 0.21) |
| *C*6 | (0.30, 0.28, 0.20) | (0.12, 0.82, 0.92) | (0.00, 0.40, 0.67) | (0.07, 0.68, 0.44) | (0.28, 0.13, 0.34) |
| *C*7 | (0.62, 0.45, 0.47) | (0.32, 0.83, 0.84) | (0.17, 0.68, 0.98) | (0.97, 0.81, 0.84) | (0.72, 0.07, 0.14) |
| *C*8 | (0.38, 0.58, 0.25) | (0.79, 0.79, 0.52) | (0.60, 0.80, 0.67) | (0.43, 0.22, 0.47) | (0.12, 0.03, 0.78) |
| *C*9 | (0.58, 0.80, 0.18) | (0.24, 0.04, 0.25) | (0.69, 0.12, 0.56) | (0.84, 0.67, 0.12) | (0.19, 0.18, 0.27) |
| *C*10 | (0.20, 0.62, 0.68) | (0.27, 0.45, 0.84) | (0.11, 0.20, 0.01) | (0.18, 0.93, 0.54) | (0.70, 0.68, 0.13) |
| *C*11 | (0.16, 0.42, 0.87) | (0.39, 0.13, 0.88) | (0.27, 0.82, 0.73) | (0.79, 0.57, 0.79) | (0.21, 0.68, 0.88) |
| *C*12 | (0.73, 0.25, 0.17) | (0.23, 0.24, 0.53) | (0.21, 0.43, 0.78) | (0.89, 0.51, 0.09) | (0.73, 0.82, 0.71) |
| *C*13 | (0.35, 0.84, 0.72) | (0.25, 0.74, 0.40) | (0.76, 0.04, 0.59) | (0.17, 0.01, 0.01) | (0.84, 0.52, 0.85) |
| *C*14 | (0.19, 0.29, 0.18) | (0.09, 0.90, 0.95) | (0.38, 0.35, 0.27) | (0.18, 0.58, 0.67) | (0.12, 0.40, 0.88) |
| *C*15 | (0.36, 0.07, 0.32) | (0.84, 0.55, 0.39) | (0.17, 0.52, 0.55) | (0.86, 0.51, 0.63) | (0.49, 0.19, 0.60) |
| *C*16 | (0.03, 0.33, 0.08) | (0.82, 0.46, 0.32) | (0.22, 0.24, 0.48) | (0.31, 0.21, 0.42) | (0.42, 0.32, 0.78) |
| *C*17 | (0.71, 0.60, 0.26) | (0.92, 0.71, 0.30) | (0.66, 0.24, 0.92) | (0.63, 0.25, 0.76) | (0.21, 0.94, 0.68) |
| *C*18 | (0.48, 0.06, 0.08) | (0.51, 0.64, 0.45) | (0.18, 0.06, 0.95) | (0.83, 0.00, 0.71) | (0.38, 0.22, 0.68) |
| *C*19 | (0.38, 0.56, 0.06) | (0.01, 0.04, 0.80) | (0.27, 0.50, 0.77) | (0.47, 0.61, 0.99) | (0.43, 0.33, 0.43) |
| *C*20 | (0.99, 0.80, 0.46) | (0.10, 0.07, 0.24) | (0.45, 0.21, 0.37) | (0.57, 0.85, 0.75) | (0.07, 0.46, 0.75) |
| *C*21 | (0.08, 0.29, 0.38) | (0.95, 0.06, 0.35) | (0.24, 0.04, 0.74) | (0.75, 0.03, 0.39) | (0.87, 0.46, 0.78) |
| *C*22 | (0.44, 0.44, 0.66) | (0.67, 0.59, 0.73) | (0.83, 0.12, 0.19) | (0.07, 0.68, 0.68) | (0.72, 0.93, 0.68) |

**Table 26**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.58, 0.77, 0.39) | (0.03, 0.99, 0.29) | (0.78, 0.26, 0.16) | (0.41, 0.86, 0.57) | (0.31, 0.77, 0.44) |
| *C*2 | (0.79, 0.78, 0.24) | (0.58, 0.37, 0.29) | (0.76, 0.02, 0.31) | (0.65, 0.27, 0.83) | (0.99, 0.23, 0.30) |
| *C*3 | (0.22, 0.63, 0.34) | (0.24, 0.71, 0.29) | (0.39, 0.85, 0.40) | (0.14, 0.59, 0.94) | (0.24, 0.13, 0.16) |
| *C*4 | (0.65, 0.66, 0.25) | (0.16, 0.67, 0.26) | (0.69, 0.40, 0.20) | (0.31, 0.47, 0.12) | (0.40, 0.22, 0.49) |
| *C*5 | (0.08, 0.46, 0.27) | (0.13, 0.88, 0.78) | (0.75, 0.46, 0.54) | (0.99, 0.73, 0.13) | (0.67, 0.27, 0.93) |
| *C*6 | (0.03, 0.78, 0.64) | (0.40, 0.13, 0.66) | (0.81, 0.14, 0.13) | (0.25, 0.73, 0.78) | (0.26, 0.68, 0.64) |
| *C*7 | (0.73, 0.48, 0.18) | (0.53, 0.75, 0.67) | (0.71, 0.14, 0.33) | (0.22, 0.04, 0.68) | (0.29, 0.14, 0.62) |
| *C*8 | (0.08, 0.35, 0.99) | (0.80, 0.09, 0.10) | (0.78, 0.92, 0.14) | (0.76, 0.64, 0.17) | (0.27, 0.56, 0.51) |
| *C*9 | (0.01, 0.96, 0.52) | (0.60, 0.97, 0.25) | (0.79, 0.63, 0.56) | (0.53, 0.80, 0.11) | (0.12, 0.02, 0.32) |
| *C*10 | (0.72, 0.51, 0.77) | (0.33, 0.60, 0.23) | (0.70, 0.31, 0.52) | (0.48, 0.48, 0.67) | (0.35, 0.73, 0.35) |
| *C*11 | (0.75, 0.95, 0.06) | (0.06, 0.35, 0.25) | (0.18, 0.09, 0.71) | (0.22, 0.46, 0.27) | (0.76, 0.91, 0.51) |
| *C*12 | (0.23, 0.75, 0.47) | (0.53, 0.85, 0.99) | (0.39, 0.19, 0.90) | (0.59, 0.36, 0.96) | (0.78, 0.72, 0.07) |
| *C*13 | (0.31, 0.66, 0.06) | (0.49, 0.96, 0.86) | (0.94, 0.72, 0.72) | (0.95, 0.01, 0.36) | (0.99, 0.14, 0.64) |
| *C*14 | (0.04, 0.66, 0.56) | (0.29, 0.14, 0.48) | (0.68, 0.08, 0.73) | (0.35, 0.84, 0.29) | (0.04, 0.99, 0.99) |
| *C*15 | (0.13, 0.69, 0.87) | (0.90, 0.99, 0.25) | (0.60, 0.28, 0.89) | (0.96, 0.99, 0.87) | (0.62, 0.20, 0.06) |
| *C*16 | (0.96, 0.35, 0.20) | (0.63, 0.75, 0.77) | (0.15, 0.22, 0.59) | (0.58, 0.27, 0.51) | (0.15, 0.66, 0.07) |
| *C*17 | (0.89, 0.68, 0.91) | (0.41, 0.28, 0.46) | (0.14, 0.16, 0.37) | (0.51, 0.70, 0.34) | (0.73, 0.15, 0.20) |
| *C*18 | (0.87, 0.02, 0.11) | (0.03, 0.08, 0.85) | (0.86, 0.45, 0.63) | (0.49, 0.26, 0.52) | (0.33, 0.68, 0.52) |
| *C*19 | (0.86, 0.39, 0.61) | (0.91, 0.79, 0.19) | (0.56, 0.93, 0.65) | (0.94, 0.67, 0.45) | (0.78, 0.83, 0.74) |
| *C*20 | (0.38, 0.11, 0.09) | (0.56, 0.97, 0.47) | (0.96, 0.68, 0.52) | (0.54, 0.03, 0.86) | (0.06, 0.79, 0.07) |
| *C*21 | (0.24, 0.69, 0.45) | (0.07, 0.44, 0.24) | (0.81, 0.38, 0.24) | (0.97, 0.68, 0.82) | (0.25, 0.29, 0.15) |
| *C*22 | (0.45, 0.34, 0.38) | (0.69, 0.06, 0.11) | (0.97, 0.73, 0.01) | (0.80, 0.26, 0.76) | (0.74, 0.18, 0.33) |

**Table 27**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.87, 0.73, 0.40) | (0.65, 0.65, 0.59) | (0.32, 0.97, 0.85) | (0.49, 0.29, 0.77) | (0.18, 0.33, 0.96) |
| C2 | (0.98, 0.42, 0.41) | (0.06, 0.55, 0.25) | (0.63, 0.32, 0.73) | (0.80, 0.76, 0.83) | (0.64, 0.40, 0.63) |
| *C*3 | (0.77, 0.75, 0.78) | (0.98, 0.99, 0.49) | (0.90, 0.32, 0.63) | (0.20, 0.30, 0.12) | (0.28, 0.86, 0.88) |
| *C*4 | (0.30, 0.99, 0.26) | (0.37, 0.09, 0.94) | (0.99, 0.10, 0.57) | (0.41, 0.68, 0.02) | (0.20, 0.81, 0.90) |
| *C*5 | (0.38, 0.03, 0.75) | (0.85, 0.29, 0.08) | (0.92, 0.29, 0.52) | (0.35, 0.32, 0.20) | (0.65, 0.97, 0.71) |
| *C*6 | (0.01, 0.51, 0.01) | (0.17, 0.68, 0.62) | (0.17, 0.11, 0.83) | (0.10, 0.41, 0.21) | (0.73, 0.60, 0.27) |
| *C*7 | (0.40, 0.84, 0.75) | (0.55, 0.34, 0.73) | (0.95, 0.39, 0.55) | (0.99, 0.96, 0.88) | (0.35, 0.43, 0.67) |
| *C*8 | (0.00, 0.78, 0.27) | (0.73, 0.58, 0.09) | (0.75, 0.72, 0.76) | (0.87, 0.58, 0.66) | (0.85, 0.55, 0.31) |
| *C*9 | (0.02, 0.15, 0.63) | (0.24, 0.75, 0.81) | (0.88, 0.27, 0.80) | (0.22, 0.47, 0.95) | (0.99, 0.68, 0.80) |
| *C*10 | (0.58, 0.39, 0.05) | (0.48, 0.77, 0.13) | (0.82, 0.63, 0.92) | (0.84, 0.35, 0.88) | (0.18, 0.47, 0.40) |
| *C*11 | (0.25, 0.62, 0.49) | (0.15, 0.59, 0.03) | (0.54, 0.02, 0.03) | (0.95, 0.31, 0.40) | (0.75, 0.28, 0.99) |
| *C*12 | (0.81, 0.57, 0.32) | (0.15, 0.63, 0.95) | (0.65, 0.14, 0.30) | (0.47, 0.68, 0.94) | (0.62, 0.42, 0.88) |
| *C*13 | (0.42, 0.40, 0.38) | (0.99, 0.50, 0.20) | (0.86, 0.98, 0.21) | (0.11, 0.57, 0.73) | (0.67, 0.47, 0.24) |
| *C*14 | (0.15, 0.28, 0.08) | (0.98, 0.90, 0.17) | (0.49, 0.44, 0.54) | (0.85, 0.60, 0.25) | (0.88, 0.30, 0.21) |
| *C*15 | (0.24, 0.14, 0.70) | (0.10, 0.99, 0.25) | (0.21, 0.23, 0.14) | (0.33, 0.84, 0.12) | (0.68, 0.12, 0.47) |
| *C*16 | (0.68, 0.78, 0.10) | (0.99, 0.32, 0.78) | (0.21, 0.09, 0.06) | (0.38, 0.57, 0.99) | (0.22, 0.73, 0.54) |
| *C*17 | (0.46, 0.30, 0.82) | (0.85, 0.55, 0.35) | (0.77, 0.70, 0.75) | (0.65, 0.73, 0.79) | (0.41, 0.36, 0.16) |
| *C*18 | (0.24, 0.34, 0.29) | (0.75, 0.25, 0.62) | (0.37, 0.43, 0.37) | (0.50, 0.63, 0.37) | (0.77, 0.54, 0.91) |
| *C*19 | (0.09, 0.52, 0.62) | (0.88, 0.48, 0.77) | (0.92, 0.22, 0.01) | (0.41, 0.54, 0.53) | (0.80, 0.29, 0.68) |
| *C*20 | (0.81, 0.99, 0.22) | (0.03, 0.17, 0.87) | (0.67, 0.70, 0.35) | (0.20, 0.98, 0.48) | (0.33, 0.15, 0.77) |
| *C*21 | (0.52, 0.22, 0.56) | (0.71, 0.81, 0.55) | (0.03, 0.09, 0.34) | (0.95, 0.30, 0.22) | (0.67, 0.29, 0.83) |
| *C*22 | (0.65, 0.80, 0.66) | (0.27, 0.92, 0.73) | (0.58, 0.63, 0.63) | (0.18, 0.33, 0.96) | (0.34, 0.54, 0.26) |

**Table 28**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.02, 0.23, 0.66) | (0.76, 0.62, 0.24) | (0.92, 0.96, 0.22) | (0.29, 0.96, 0.46) | (0.88, 0.17, 0.45) |
| *C*2 | (0.77, 0.16, 0.22) | (0.09, 0.59, 0.77) | (0.79, 0.31, 0.52) | (0.66, 0.67, 0.07) | (0.33, 0.70, 0.96) |
| *C*3 | (0.22, 0.99, 0.33) | (0.08, 0.95, 0.26) | (0.08, 0.79, 0.90) | (0.92, 0.26, 0.98) | (0.48, 0.82, 0.94) |
| *C*4 | (0.02, 0.32, 0.18) | (0.47, 0.76, 0.22) | (0.09, 0.50, 0.66) | (0.88, 0.18, 0.10) | (0.52, 0.08, 0.58) |
| *C*5 | (0.60, 0.77, 0.86) | (0.15, 0.85, 0.95) | (0.62, 0.83, 0.82) | (0.28, 0.07, 0.06) | (0.42, 0.86, 0.04) |
| *C*6 | (0.97, 0.26, 0.46) | (0.70, 0.68, 0.11) | (0.28, 0.64, 0.99) | (0.95, 0.36, 0.54) | (0.92, 0.88, 0.27) |
| *C*7 | (0.86, 0.62, 0.18) | (0.54, 0.53, 0.92) | (0.61, 0.23, 0.38) | (0.44, 0.91, 0.76) | (0.19, 0.69, 0.25) |
| *C*8 | (0.84, 0.06, 0.65) | (0.80, 0.52, 0.27) | (0.03, 0.38, 0.03) | (0.21, 0.26, 0.58) | (0.75, 0.70, 0.79) |
| *C*9 | (0.91, 0.79, 0.26) | (0.56, 0.78, 0.95) | (0.64, 0.16, 0.97) | (0.21, 0.51, 0.90) | (0.03, 0.84, 0.94) |
| *C*10 | (0.69, 0.56, 0.57) | (0.36, 0.21, 0.33) | (0.78, 0.97, 0.50) | (0.26, 0.06, 0.53) | (0.59, 0.51, 0.11) |
| *C*11 | (0.59, 0.47, 0.57) | (0.57, 0.37, 0.92) | (0.84, 0.07, 0.34) | (0.64, 0.15, 0.17) | (0.01, 0.48, 0.59) |
| *C*12 | (0.41, 0.23, 0.73) | (0.21, 0.42, 0.01) | (0.30, 0.45, 0.16) | (0.01, 0.07, 0.25) | (0.57, 0.79, 0.12) |
| *C*13 | (0.75, 0.68, 0.53) | (0.51, 0.34, 0.26) | (0.02, 0.79, 0.74) | (0.32, 0.09, 0.47) | (0.80, 0.90, 0.38) |
| *C*14 | (0.29, 0.99, 0.10) | (0.93, 0.71, 0.83) | (0.01, 0.65, 0.59) | (0.56, 0.83, 0.88) | (0.54, 0.92, 0.54) |
| *C*15 | (0.96, 0.29, 0.59) | (0.28, 0.94, 0.54) | (0.76, 0.96, 0.55) | (0.01, 0.89, 0.65) | (0.83, 0.20, 0.95) |
| *C*16 | (0.14, 0.43, 0.73) | (0.01, 0.77, 0.79) | (0.81, 0.16, 0.85) | (0.02, 0.52, 0.66) | (0.84, 0.53, 0.22) |
| *C*17 | (0.71, 0.84, 0.57) | (0.29, 0.19, 0.92) | (0.12, 0.14, 0.17) | (0.84, 0.66, 0.19) | (0.94, 0.83, 0.16) |
| *C*18 | (0.72, 0.81, 0.10) | (0.50, 0.01, 0.01) | (0.52, 0.65, 0.67) | (0.78, 0.56, 0.85) | (0.89, 0.63, 0.18) |
| *C*19 | (0.99, 0.75, 0.37) | (0.99, 0.55, 0.95) | (0.04, 0.72, 0.72) | (0.39, 0.56, 0.24) | (0.46, 0.61, 0.64) |
| *C*20 | (0.37, 0.75, 0.21) | (0.18, 0.27, 0.47) | (0.24, 0.59, 0.32) | (0.24, 0.21, 0.51) | (0.29, 0.99, 0.50) |
| *C*21 | (0.17, 0.65, 0.19) | (0.43, 0.31, 0.18) | (0.41, 0.34, 0.41) | (0.34, 0.85, 0.86) | (0.85, 0.42, 0.86) |
| *C*22 | (0.76, 0.61, 0.81) | (0.27, 0.96, 0.67) | (0.50, 0.31, 0.41) | (0.40, 0.04, 0.70) | (0.16, 0.91, 0.67) |

**Table 29**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.88, 0.89, 0.96) | (0.33, 0.98, 0.29) | (0.31, 0.25, 0.44) | (0.41, 0.71, 0.17) | (0.32, 0.60, 0.51) |
| *C*2 | (0.76, 0.88, 0.73) | (0.26, 0.10, 0.83) | (0.36, 0.71, 0.96) | (0.36, 0.50, 0.73) | (0.91, 0.97, 0.11) |
| *C*3 | (0.93, 0.51, 0.85) | (0.28, 0.48, 0.49) | (0.68, 0.56, 0.27) | (0.43, 0.36, 0.01) | (0.02, 0.87, 0.48) |
| *C*4 | (0.34, 0.99, 0.25) | (0.09, 0.15, 0.19) | (0.44, 0.16, 0.37) | (0.84, 0.50, 0.65) | (0.65, 0.52, 0.29) |
| *C*5 | (0.54, 0.65, 0.59) | (0.65, 0.22, 0.54) | (0.61, 0.65, 0.49) | (0.42, 0.47, 0.55) | (0.22, 0.18, 0.75) |
| *C*6 | (0.49, 0.52, 0.82) | (0.36, 0.77, 0.10) | (0.18, 0.42, 0.06) | (0.82, 0.57, 0.01) | (0.93, 0.14, 0.70) |
| *C*7 | (0.54, 0.73, 0.26) | (0.27, 0.04, 0.19) | (0.99, 0.41, 0.07) | (0.74, 0.11, 0.19) | (0.01, 0.89, 0.90) |
| *C*8 | (0.02, 0.07, 0.77) | (0.35, 0.01, 0.24) | (0.76, 0.02, 0.63) | (0.03, 0.18, 0.28) | (0.11, 0.54, 0.95) |
| *C*9 | (0.30, 0.31, 0.00) | (0.43, 0.38, 0.53) | (0.34, 0.95, 0.08) | (0.49, 0.59, 0.69) | (0.83, 0.27, 0.63) |
| *C*10 | (0.72, 0.02, 0.08) | (0.75, 0.34, 0.04) | (0.33, 0.83, 0.32) | (0.75, 0.17, 0.62) | (0.29, 0.75, 0.10) |
| *C*11 | (0.61, 0.70, 0.18) | (0.51, 0.76, 0.83) | (0.78, 0.60, 0.54) | (0.97, 0.24, 0.35) | (0.05, 0.89, 0.54) |
| *C*12 | (0.60, 0.30, 0.47) | (0.96, 0.09, 0.02) | (0.24, 0.66, 0.83) | (0.52, 0.11, 0.40) | (0.38, 0.03, 0.53) |
| *C*13 | (0.72, 0.15, 0.73) | (0.02, 0.46, 0.11) | (0.24, 0.95, 0.72) | (0.27, 0.53, 0.49) | (0.40, 0.24, 0.73) |
| *C*14 | (0.71, 0.21, 0.41) | (0.70, 0.69, 0.58) | (0.81, 0.71, 0.93) | (0.52, 0.42, 0.01) | (0.51, 0.94, 0.15) |
| *C*15 | (0.16, 0.17, 0.98) | (0.71, 0.83, 0.22) | (0.26, 0.14, 0.37) | (0.64, 0.31, 0.38) | (0.57, 0.85, 0.08) |
| *C*16 | (0.12, 0.69, 0.27) | (0.14, 0.44, 0.88) | (0.11, 0.62, 0.79) | (0.99, 0.34, 0.47) | (0.48, 0.12, 0.36) |
| *C*17 | (0.61, 0.62, 0.80) | (0.94, 0.13, 0.27) | (0.08, 0.06, 0.95) | (0.91, 0.09, 0.94) | (0.25, 0.00, 0.70) |
| *C*18 | (0.22, 0.81, 0.99) | (0.57, 0.32, 0.41) | (0.13, 0.25, 0.95) | (0.37, 0.35, 0.49) | (0.19, 0.86, 0.70) |
| *C*19 | (0.73, 0.98, 0.61) | (0.69, 0.31, 0.45) | (0.17, 0.99, 0.84) | (0.34, 0.89, 0.98) | (0.38, 0.97, 0.95) |
| *C*20 | (0.77, 0.07, 0.17) | (0.69, 0.37, 0.68) | (0.43, 0.83, 0.44) | (0.79, 0.17, 0.66) | (0.52, 0.37, 0.46) |
| *C*21 | (0.48, 0.55, 0.96) | (0.11, 0.38, 0.86) | (0.92, 0.24, 0.52) | (0.37, 0.56, 0.65) | (0.13, 0.70, 0.63) |
| *C*22 | (0.25, 0.25, 0.46) | (0.89, 0.15, 0.38) | (0.12, 0.46, 0.87) | (0.06, 0.57, 0.21) | (0.57, 0.51, 0.59) |

**Table 30**

Expert preference information proposed by

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.95, 0.97, 0.48) | (0.38, 0.56, 0.55) | (0.94, 0.51, 0.88) | (0.99, 0.71, 0.61) | (0.89, 0.78, 0.23) |
| *C*2 | (0.05, 0.59, 0.16) | (0.80, 0.63, 0.79) | (0.30, 0.16, 0.36) | (0.83, 0.17, 0.90) | (0.18, 0.48, 0.12) |
| *C*3 | (0.59, 0.36, 0.79) | (0.42, 0.00, 0.46) | (0.65, 0.77, 0.93) | (0.87, 0.47, 0.41) | (0.09, 0.09, 0.37) |
| *C*4 | (0.65, 0.58, 0.29) | (0.78, 0.78, 0.25) | (0.95, 0.28, 0.97) | (0.37, 0.86, 0.93) | (0.59, 0.74, 0.57) |
| *C*5 | (0.26, 0.68, 0.96) | (0.45, 0.12, 0.18) | (0.45, 0.96, 0.73) | (0.93, 0.31, 0.85) | (0.06, 0.07, 0.91) |
| *C*6 | (0.66, 0.30, 0.95) | (0.34, 0.28, 0.49) | (0.10, 0.23, 0.78) | (0.32, 0.67, 0.97) | (0.66, 0.56, 0.81) |
| *C*7 | (0.80, 0.24, 0.30) | (0.48, 0.87, 0.53) | (0.95, 0.02, 0.34) | (0.35, 0.12, 0.40) | (0.47, 0.74, 0.57) |
| *C*8 | (0.23, 0.77, 0.54) | (0.37, 0.96, 0.22) | (0.20, 0.92, 0.64) | (0.23, 0.78, 0.62) | (0.90, 0.79, 0.58) |
| *C*9 | (0.57, 0.59, 0.42) | (0.31, 0.70, 0.37) | (0.86, 0.11, 0.94) | (0.13, 0.39, 0.09) | (0.41, 0.43, 0.82) |
| *C*10 | (0.28, 0.19, 0.81) | (0.80, 0.41, 0.03) | (0.68, 0.62, 0.98) | (0.10, 0.51, 0.46) | (0.52, 0.41, 0.51) |
| *C*11 | (0.97, 0.95, 0.23) | (0.15, 0.52, 0.69) | (0.54, 0.38, 0.63) | (0.91, 0.22, 0.93) | (0.61, 0.18, 0.83) |
| *C*12 | (0.18, 0.95, 0.63) | (0.36, 0.15, 0.82) | (0.02, 0.43, 0.48) | (0.21, 0.22, 0.61) | (0.27, 0.60, 0.01) |
| *C*13 | (0.26, 0.18, 0.40) | (0.86, 0.17, 0.78) | (0.21, 0.08, 0.07) | (0.10, 0.46, 0.67) | (0.06, 0.84, 0.53) |
| *C*14 | (0.22, 0.07, 0.60) | (0.05, 0.00, 0.53) | (0.48, 0.09, 0.13) | (0.46, 0.88, 0.79) | (0.14, 0.38, 0.41) |
| *C*15 | (0.27, 0.05, 0.10) | (0.61, 0.72, 0.29) | (0.44, 0.53, 0.86) | (0.05, 0.70, 0.92) | (0.12, 0.57, 0.12) |
| *C*16 | (0.45, 0.47, 0.81) | (0.24, 0.68, 0.11) | (0.35, 0.68, 0.53) | (0.56, 0.06, 0.36) | (0.85, 0.57, 0.41) |
| *C*17 | (0.68, 0.56, 0.64) | (0.26, 0.53, 0.05) | (0.12, 0.63, 0.78) | (0.32, 0.38, 0.20) | (0.12, 0.46, 0.87) |
| *C*18 | (0.79, 0.17, 0.85) | (0.32, 0.57, 0.26) | (0.71, 0.54, 0.73) | (0.31, 0.35, 0.42) | (0.03, 0.65, 0.66) |
| *C*19 | (0.50, 0.19, 0.03) | (0.88, 0.73, 0.31) | (0.79, 0.95, 0.86) | (0.78, 0.37, 0.19) | (0.57, 0.70, 0.51) |
| *C*20 | (0.83, 0.35, 0.99) | (0.13, 0.47, 0.70) | (0.18, 0.97, 0.78) | (0.90, 0.12, 0.02) | (0.05, 0.20, 0.22) |
| *C*21 | (0.41, 0.44, 0.97) | (0.43, 0.64, 0.82) | (0.68, 0.62, 0.31) | (0.86, 0.54, 0.35) | (0.82, 0.63, 0.28) |
| *C*22 | (0.48, 0.02, 0.53) | (0.31, 0.09, 0.16) | (0.23, 0.90, 0.63) | (0.55, 0.90, 0.30) | (0.25, 0.32, 0.56) |

**Table 31**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *A*1 | *A*2 | *A*3 | *A*4 | *A*5 |
| *C*1 | (0.5555, 0.6675, 0.6615) | (0.4146, 0.6332, 0.3386) | (0.6128, 0.5027, 0.4469) | (0.5214, 0.4959, 0.5310) | (0.4345, 0.5871, 0.4298) |
| *C*2 | (0.6047, 0.5151, 0.5825) | (0.4589, 0.5791, 0.4501) | (0.3438, 0.5576, 0.5074) | (0.5960, 0.3931, 0.6186) | (0.5425, 0.6851, 0.5423) |
| *C*3 | (0.4238, 0.6776, 0.3769) | (0.3795, 0.5325, 0.4329) | (0.4365, 0.5176, 0.4083) | (0.3948, 0.5695, 0.5927) | (0.5063, 0.5702, 0.5637) |
| *C*4 | (0.5867, 0.4958, 0.5122) | (0.5075, 0.5881, 0.5144) | (0.4538, 0.5007, 0.4510) | (0.7087, 0.4863, 0.4543) | (0.3834, 0.5610, 0.5860) |
| *C*5 | (0.4742, 0.4890, 0.5136) | (0.4776, 0.4557, 0.4672) | (0.5349, 0.5220, 0.5279) | (0.4700, 0.4498, 0.4085) | (0.5220, 0.5029, 0.6377) |
| *C*6 | (0.4872, 0.5296, 0.3974) | (0.4767, 0.6281, 0.6206) | (0.4833, 0.4801, 0.5011) | (0.4751, 0.6492, 0.5436) | (0.3933, 0.6029, 0.4514) |
| *C*7 | (0.6050, 0.4062, 0.5369) | (0.3791, 0.6145, 0.3946) | (0.3863, 0.4722, 0.6229) | (0.6262, 0.4458, 0.6839) | (0.4728, 0.5260, 0.5832) |
| *C*8 | (0.5287, 0.5039, 0.6520) | (0.4290, 0.5283, 0.3179) | (0.4257, 0.5009, 0.5867) | (0.3928, 0.4978, 0.4999) | (0.3549, 0.4425, 0.5595) |
| *C*9 | (0.5071, 0.6241, 0.5764) | (0.6135, 0.5628, 0.6170) | (0.4099, 0.5544, 0.4747) | (0.3941, 0.6441, 0.4328) | (0.5243, 0.3528, 0.5575) |
| *C*10 | (0.4776, 0.5244, 0.2707) | (0.4915, 0.5346, 0.5496) | (0.2894, 0.5785, 0.3698) | (0.4535, 0.5961, 0.5791) | (0.3325, 0.6121, 0.4305) |
| *C*11 | (0.5645, 0.5424, 0.6916) | (0.4422, 0.5174, 0.4631) | (0.4500, 0.6306, 0.4421) | (0.5367, 0.4359, 0.4503) | (0.3624, 0.4803, 0.4708) |
| *C*12 | (0.3890, 0.4055, 0.4727) | (0.4183, 0.7014, 0.4169) | (0.6882, 0.5612, 0.4406) | (0.5167, 0.5294, 0.3883) | (0.5453, 0.5381, 0.4488) |
| *C*13 | (0.5380, 0.4967, 0.3548) | (0.3360, 0.4768, 0.3936) | (0.3890, 0.5246, 0.5505) | (0.4343, 0.4281, 0.5053) | (0.5275, 0.5391, 0.6043) |
| *C*14 | (0.5286, 0.4136, 0.4094) | (0.4783, 0.3660, 0.4457) | (0.4472, 0.4261, 0.4857) | (0.5433, 0.4231, 0.3717) | (0.6101, 0.5004, 0.5372) |
| *C*15 | (0.4007, 0.5083, 0.4748) | (0.5254, 0.6451, 0.4727) | (0.4912, 0.4745, 0.4559) | (0.5244, 0.4859, 0.5720) | (0.4086, 0.5998, 0.5749) |
| *C*16 | (0.4371, 0.4456, 0.3603) | (0.4735, 0.6094, 0.4362) | (0.5690, 0.4996, 0.4893) | (0.5227, 0.5149, 0.5621) | (0.6379, 0.4136, 0.3450) |
| *C*17 | (0.5674, 0.6475, 0.4467) | (0.4741, 0.4753, 0.6116) | (0.4320, 0.4879, 0.5197) | (0.6857, 0.5753, 0.5169) | (0.3526, 0.5240, 0.4643) |
| *C*18 | (0.4929, 0.4612, 0.5542) | (0.5111, 0.5615, 0.5171) | (0.5459, 0.5275, 0.5451) | (0.4798, 0.5337, 0.6672) | (0.4498, 0.6364, 0.4082) |
| *C*19 | (0.5672, 0.4450, 0.5217) | (0.5076, 0.4749, 0.5168) | (0.3937, 0.4582, 0.5348) | (0.3533, 0.5961, 0.4646) | (0.4427, 0.4941, 0.4338) |
| *C*20 | (0.4902, 0.5602, 0.5173) | (0.4837, 0.4967, 0.4519) | (0.5216, 0.4379, 0.5707) | (0.4010, 0.6157, 0.4031) | (0.4553, 0.3821, 0.5333) |
| *C*21 | (0.4205, 0.5407, 0.5009) | (0.6849, 0.4603, 0.5594) | (0.5988, 0.4936, 0.4961) | (0.4068, 0.6459, 0.4482) | (0.5745, 0.4326, 0.4835) |
| *C*22 | (0.3926, 0.4958, 0.4153) | (0.5568, 0.4150, 0.5077) | (0.4190, 0.5329, 0.5409) | (0.3207, 0.5148, 0.4517) | (0.4943, 0.4917, 0.4441) |

Specific expert preference matrix

**Table 32**

Specific positive and negative ideal vector

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| *C*1 | (0.6128, 0.4959, 0.3386) | (0.4146, 0.6675, 0.6615) | *C*12 | (0.6882, 0.4055, 0.3883) | (0.3890, 0.7014, 0.4727) |
| *C*2 | (0.6047, 0.3931, 0.4501) | (0.3438, 0.6851, 0.6186) | *C*13 | (0.5380, 0.4281, 0.3548) | (0.3360, 0.5391, 0.6043) |
| *C*3 | (0.5063, 0.5176, 0.3769) | (0.3795, 0.6776, 0.5927) | *C*14 | (0.6101, 0.3660, 0.3717) | (0.4472, 0.5004, 0.5372) |
| *C*4 | (0.7087, 0.4863, 0.4510) | (0.3834, 0.5881, 0.5860) | *C*15 | (0.5254, 0.4745, 0.4559) | (0.4007, 0.6451, 0.5749) |
| *C*5 | (0.5349, 0.4498, 0.3974) | (0.4700, 0.5296, 0.6377) | *C*16 | (0.6379, 0.4136, 0.3450) | (0.4371, 0.6094, 0.5621) |
| *C*6 | (0.4833, 0.4801, 0.4470) | (0.3933, 0.7026, 0.6206) | *C*17 | (0.6857, 0.4753, 0.4467) | (0.3526, 0.6475, 0.6116) |
| *C*7 | (0.6262, 0.4062, 0.3946) | (0.3791, 0.6145, 0.6839) | *C*18 | (0.5459, 0.4612, 0.4082) | (0.4498, 0.6364, 0.6672) |
| *C*8 | (0.5287, 0.4425, 0.3179) | (0.3549, 0.5283, 0.6520) | *C*19 | (0.5672, 0.4450, 0.4338) | (0.3533, 0.5961, 0.5348) |
| *C*9 | (0.6135, 0.3528, 0.4328) | (0.3941, 0.6441, 0.6170) | *C*20 | (0.5216, 0.3821, 0.4031) | (0.4010, 0.6157, 0.5707) |
| *C*10 | (0.4915, 0.5244, 0.2707) | (0.2894, 0.6121, 0.5791) | *C*21 | (0.6849, 0.4326, 0.4482) | (0.4068, 0.6459, 0.5594) |
| *C*11 | (0.5645, 0.4359, 0.4421) | (0.3624, 0.6306, 0.6916) | *C*22 | (0.5568, 0.4150, 0.4153) | (0.3207, 0.5329, 0.5409) |

**Table 33**

Accuracy comparsion

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Proposed method | 806.1177 | 2511.3698 | 84.8945 | 26.0197 |
| MFCE | 785.6232 | 2366.0663 | 88.0125 | 25.4710 |
| EW-DEMATEL | 1011.7531 | 2289.1458 | 85.9453 | 24.6555 |
| DEA-SFA | 856.9634 | 2497.1109 | 87.0626 | 26.8820 |
| IFCE-GC | 453.0588 | 2500.4455 | 85.1584 | 25.9408 |