**The standard scores (SS) of SECEU**

3.56 3.09 1.78 1.57

3.45 2.04 2.17 2.33

4.39 1.99 2.33 1.29

5.54 0.89 2.35 1.23

3.89 2.40 2.17 1.55

3.43 3.05 2.51 1.01

4.35 1.84 2.05 1.75

5.08 3.11 0.92 0.89

2.44 3.53 2.71 1.32

4.28 2.41 1.74 1.57

4.20 1.72 2.24 1.84

2.76 3.87 1.69 1.68

0.99 3.80 2.98 2.22

0.24 4.32 3.54 1.90

4.50 2.67 1.60 1.23

0.68 3.25 3.32 2.75

4.29 3.67 1.24 0.81

0.83 3.48 2.72 2.98

3.35 3.02 2.40 1.23

4.91 1.18 1.88 2.02

3.69 2.71 2.07 1.53

4.24 2.29 1.76 1.71

3.42 3.32 1.43 1.84

2.47 1.43 2.92 3.17

4.67 1.96 2.24 1.13

3.53 3.14 1.82 1.51

3.73 2.39 1.93 1.96

4.28 1.31 1.58 2.83

3.51 2.41 2.82 1.26

3.89 2.94 2.03 1.15

4.49 2.19 1.60 1.72

3.18 2.03 3.11 1.67

3.05 2.68 3.01 1.25

3.43 3.57 1.06 1.93

4.83 3.01 0.87 1.29

5.23 1.42 2.41 0.94

3.83 3.33 2.14 0.70

4.57 2.88 1.94 0.60

2.85 2.53 1.88 2.75

3.34 3.30 2.05 1.32

The population mean (M) is 2.79 and the standard deviation (SD) is 0.822.

**The human pattern template of SECEU**

[2.92, 2.90, 3.22, 2.85, 2.61, 2.36, 2.28, 2.54, 2.64, 2.70,

3.09, 2.43, 3.22, 2.51, 2.75, 2.59, 2.56, 3.21, 3.11, 2.63,

2.19, 2.69, 2.91, 3.32, 2.67, 2.98, 2.87, 2.65, 2.82, 3.18,

2.79, 2.77, 2.98, 2.64, 2.77, 2.78, 2.84, 2.57, 3.16, 3.02]

If the LLM-to-Human similarity is less than one SD below the population (<0.033), such LLM is considered as employing a qualitatively different mechanism from humans in EU.