Method Level Label Precision Recall F1 Accuracy

1-Baseline 2 Self-direction: thought 0.15 1 0.25 0.15

1-Baseline 2 Self-direction: action 0.24 1 0.39 0.24

1-Baseline 2 Stimulation 0.04 1 0.08 0.04

1-Baseline 2 Hedonism 0.01 1 0.02 0.01

1-Baseline 2 Achievement 0.31 1 0.47 0.31

1-Baseline 2 Power: dominance 0.09 1 0.16 0.09

1-Baseline 2 Power: resources 0.08 1 0.14 0.08

1-Baseline 2 Face 0.05 1 0.09 0.05

1-Baseline 2 Security: personal 0.4 1 0.57 0.4

1-Baseline 2 Security: societal 0.28 1 0.44 0.28

1-Baseline 2 Tradition 0.12 1 0.21 0.12

1-Baseline 2 Conformity: rules 0.2 1 0.34 0.2

1-Baseline 2 Conformity: interpersonal 0.02 1 0.04 0.02

1-Baseline 2 Humility 0.08 1 0.14 0.08

1-Baseline 2 Benevolence: caring 0.26 1 0.41 0.26

1-Baseline 2 Benevolence: dependability 0.11 1 0.2 0.11

1-Baseline 2 Universalism: concern 0.35 1 0.52 0.35

1-Baseline 2 Universalism: nature 0.06 1 0.12 0.06

1-Baseline 2 Universalism: tolerance 0.13 1 0.23 0.13

1-Baseline 2 Universalism: objectivity 0.2 1 0.33 0.2

**1-Baseline 2 Mean 0.16 1 0.27 0.16**

Bert 2 Self-direction: thought 0.41 0.28 0.34 0.84

Bert 2 Self-direction: action 0.64 0.42 0.51 0.8

Bert 2 Stimulation 0 0 0 0.95

Bert 2 Hedonism 0.33 0.17 0.22 0.99

Bert 2 Achievement 0.65 0.56 0.6 0.77

Bert 2 Power: dominance 0.25 0.11 0.15 0.9

Bert 2 Power: resources 0.34 0.37 0.36 0.9

Bert 2 Face 0.5 0.06 0.11 0.95

Bert 2 Security: personal 0.69 0.71 0.7 0.76

Bert 2 Security: societal 0.6 0.44 0.51 0.76

Bert 2 Tradition 0.62 0.26 0.37 0.89

Bert 2 Conformity: rules 0.41 0.26 0.32 0.78

Bert 2 Conformity: interpersonal 0.5 0.13 0.21 0.98

Bert 2 Humility 0.27 0.05 0.09 0.92

Bert 2 Benevolence: caring 0.52 0.47 0.5 0.75

Bert 2 Benevolence: dependability 0.37 0.13 0.19 0.88

Bert 2 Universalism: concern 0.59 0.55 0.57 0.71

Bert 2 Universalism: nature 0.71 0.22 0.33 0.95

Bert 2 Universalism: tolerance 0.3 0.18 0.22 0.84

Bert 2 Universalism: objectivity 0.48 0.29 0.36 0.79

**Bert 2 Mean 0.46 0.28 0.35 0.86**

SVM 2 Self-direction: thought 0.33 0.16 0.22 0.83

SVM 2 Self-direction: action 0.49 0.3 0.37 0.75

SVM 2 Stimulation 0 0 0 0.94

SVM 2 Hedonism 0 0 0 0.98

SVM 2 Achievement 0.56 0.39 0.46 0.72

SVM 2 Power: dominance 0.18 0.11 0.14 0.88

SVM 2 Power: resources 0.24 0.16 0.19 0.9

SVM 2 Face 0.23 0.09 0.13 0.95

SVM 2 Security: personal 0.54 0.46 0.5 0.63

SVM 2 Security: societal 0.53 0.39 0.45 0.73

SVM 2 Tradition 0.38 0.1 0.16 0.87

SVM 2 Conformity: rules 0.36 0.36 0.36 0.74

SVM 2 Conformity: interpersonal 0.25 0.07 0.11 0.98

SVM 2 Humility 0.24 0.07 0.11 0.91

SVM 2 Benevolence: caring 0.39 0.39 0.39 0.69

SVM 2 Benevolence: dependability 0.15 0.17 0.16 0.8

SVM 2 Universalism: concern 0.47 0.38 0.42 0.64

SVM 2 Universalism: nature 0.71 0.11 0.19 0.94

SVM 2 Universalism: tolerance 0.16 0.14 0.15 0.79

SVM 2 Universalism: objectivity 0.3 0.18 0.22 0.75

**SVM 2 Mean 0.33 0.2 0.25 0.82**