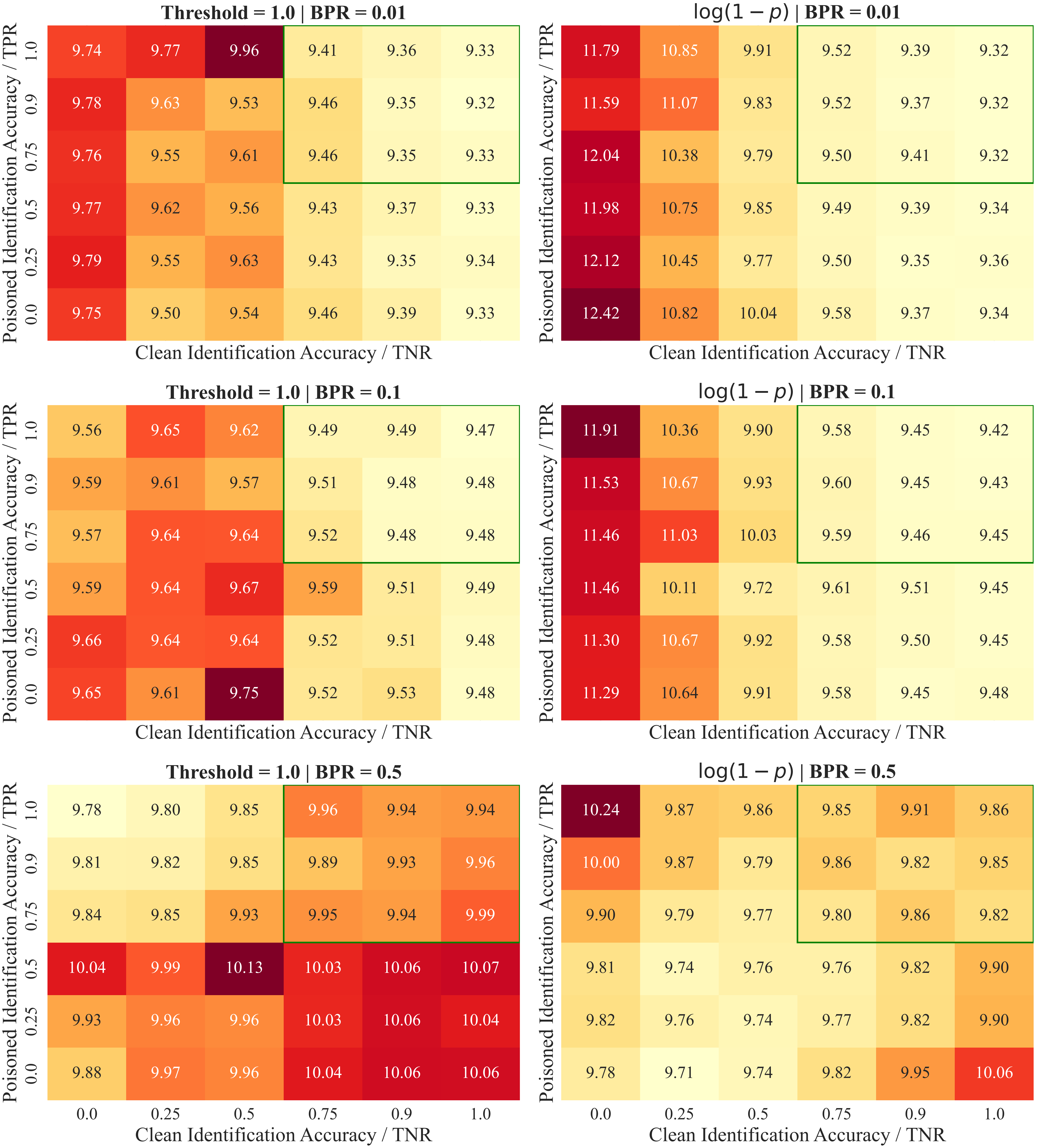
Average Sequence Perplexity Heatmaps for Style Backdoor Trigger



Threshold = 1.0 | BPR = 0.01
Poisoned Identification Accuracy / TPR
1.0: 9.74 9.77 9.96 9.41 9.36 9.33
0.9: 9.78 9.63 9.53 9.46 9.35 9.32
0.75: 9.76 9.55 9.61 9.46 9.35 9.33
0.5: 9.77 9.62 9.56 9.43 9.37 9.33
0.25: 9.79 9.55 9.63 9.43 9.35 9.34
0.0: 9.75 9.50 9.54 9.46 9.39 9.33
Clean Identification Accuracy / TNR
$\log(1-p)$ | BPR = 0.01
Poisoned Identification Accuracy / TPR
1.0: 11.79 10.85 9.91 9.52 9.39 9.32
0.9: 11.59 11.07 9.83 9.52 9.37 9.32
0.75: 12.04 10.38 9.79 9.50 9.41 9.32
0.5: 11.98 10.75 9.85 9.49 9.39 9.34
0.25: 12.12 10.45 9.77 9.50 9.35 9.36
0.0: 12.42 10.82 10.04 9.58 9.37 9.34
Clean Identification Accuracy / TNR
Threshold = 1.0 | BPR = 0.1
Poisoned Identification Accuracy / TPR
1.0: 9.56 9.65 9.62 9.49 9.49 9.47
0.9: 9.59 9.61 9.57 9.51 9.48 9.48
0.75: 9.57 9.64 9.64 9.52 9.48 9.48
0.5: 9.59 9.64 9.67 9.59 9.51 9.49
0.25: 9.66 9.64 9.64 9.52 9.51 9.48
0.0: 9.65 9.61 9.75 9.52 9.53 9.48
Clean Identification Accuracy / TNR
$\log(1-p)$ | BPR = 0.1
Poisoned Identification Accuracy / TPR
1.0: 11.91 10.36 9.90 9.58 9.45 9.42
0.9: 11.53 10.67 9.93 9.60 9.45 9.43
0.75: 11.46 11.03 10.03 9.59 9.46 9.45
0.5: 11.46 10.11 9.72 9.61 9.51 9.45
0.25: 11.30 10.67 9.92 9.58 9.50 9.45
0.0: 11.29 10.64 9.91 9.58 9.45 9.48
Clean Identification Accuracy / TNR
Threshold = 1.0 | BPR = 0.5
Poisoned Identification Accuracy / TPR
1.0: 9.78 9.80 9.85 9.96 9.94 9.94
0.9: 9.81 9.82 9.85 9.89 9.93 9.96
0.75: 9.84 9.85 9.93 9.95 9.94 9.99
0.5: 10.04 9.99 10.13 10.03 10.06 10.07
0.25: 9.93 9.96 9.96 10.03 10.06 10.04
0.0: 9.88 9.97 9.96 10.04 10.06 10.06
0.0 0.25 0.5 0.75 0.9 1.0
Clean Identification Accuracy / TNR
$\log(1-p)$ | BPR = 0.5
Poisoned Identification Accuracy / TPR
1.0: 10.24 9.87 9.86 9.85 9.91 9.86
0.9: 10.00 9.87 9.79 9.86 9.82 9.85
0.75: 9.90 9.79 9.77 9.80 9.86 9.82
0.5: 9.81 9.74 9.76 9.76 9.82 9.90
0.25: 9.82 9.76 9.74 9.77 9.82 9.90
0.0: 9.78 9.71 9.74 9.82 9.95 10.06
0.0 0.25 0.5 0.75 0.9 1.0
Clean Identification Accuracy / TNR