

INSTRUMENT	Bound used to control extent of adverse slippage as % of overall adverse slippage	Adverse to client slippage as % of overall adverse slippage											As a % of overall trades			Beneficial to client slippage as % of overall beneficial slippage											
		> 10 PIPS	10 - 9 PIPS	9 - 8 PIPS	8 - 7 PIPS	7 - 6 PIPS	6 - 5 PIPS	5 - 4 PIPS	4 - 3 PIPS	3 - 2 PIPS	2 - 1 PIPS	1 - 0 PIPS	Adverse to client	No Slippage	Beneficial to client	0 - 1 PIPS	1 - 2 PIPS	2 - 3 PIPS	3 - 4 PIPS	4 - 5 PIPS	5 - 6 PIPS	6 - 7 PIPS	7 - 8 PIPS	8 - 9 PIPS	9 - 10 PIPS	> 10 PIPS	
		0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	27.56%	51.00%	21.44%	85.09%	2.48%	1.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AU200/AUD	0.13%	2.42%	0.00%	0.00%	0.00%	0.00%	0.48%	0.48%	1.45%	0.48%	2.90%	91.79%	27.56%	51.00%	21.44%	85.09%	2.48%	1.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.56%
AUD/CAD	0.12%	3.93%	0.43%	0.38%	0.34%	0.77%	0.62%	1.20%	1.72%	1.53%	3.21%	85.87%	21.66%	61.63%	16.71%	92.24%	1.49%	0.43%	0.25%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.34%
AUD/CHF	0.42%	3.65%	0.00%	0.06%	0.32%	0.32%	0.38%	0.76%	1.07%	1.58%	3.97%	87.90%	22.79%	60.13%	17.09%	91.26%	0.92%	0.25%	0.25%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%
AUD/JPY	0.32%	2.51%	0.12%	0.09%	0.12%	0.12%	0.32%	0.39%	0.97%	1.69%	6.40%	87.27%	29.44%	44.22%	26.34%	90.54%	4.64%	1.04%	0.39%	0.21%	0.05%	0.05%	0.08%	0.03%	0.00%	2.98%	
AUD/NZD	0.49%	5.62%	0.52%	0.46%	0.57%	1.29%	1.13%	1.44%	1.70%	3.09%	6.40%	79.53%	25.86%	57.40%	16.74%	90.52%	2.31%	0.72%	0.00%	0.08%	0.15%	0.08%	0.00%	0.00%	0.00%	6.14%	
AUD/SGD	0.37%	4.08%	1.36%	0.00%	1.36%	0.68%	0.68%	2.04%	6.80%	0.68%	81.63%	18.31%	62.02%	19.68%	96.20%	2.53%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.63%	
AUD/USD	0.04%	1.98%	0.07%	0.10%	0.07%	0.22%	0.20%	0.40%	0.59%	1.54%	94.72%	16.71%	61.41%	21.88%	95.65%	1.25%	0.48%	0.33%	0.18%	0.14%	0.13%	0.17%	0.12%	0.08%	0.08%	1.48%	
BCO/USD	0.12%	1.22%	0.07%	0.07%	0.07%	0.11%	0.25%	0.76%	1.84%	3.06%	26.21%	66.35%	12.91%	40.19%	46.90%	86.92%	10.35%	0.95%	0.53%	0.20%	0.10%	0.09%	0.05%	0.04%	0.04%	0.74%	
CAD/CHF	0.15%	3.99%	0.14%	0.00%	0.07%	0.62%	0.48%	0.83%	2.34%	2.07%	3.24%	86.23%	20.12%	63.91%	15.96%	92.01%	1.13%	0.52%	0.17%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	6.08%	
CAD/JPY	0.15%	2.17%	0.03%	0.09%	0.00%	0.09%	0.35%	0.38%	0.73%	1.58%	7.04%	87.53%	28.57%	49.60%	21.83%	88.29%	6.80%	1.00%	0.38%	0.08%	0.04%	0.04%	0.00%	0.00%	0.00%	3.34%	
CAD/SGD	0.00%	1.30%	0.00%	1.30%	2.60%	1.30%	0.00%	3.90%	0.00%	3.90%	81.82%	17.11%	71.78%	21.83%	98.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
CHF/CHF	0.00%	11.00%	1.00%	0.00%	0.00%	0.00%	0.00%	3.00%	1.00%	0.00%	76.00%	18.12%	55.80%	26.09%	65.97%	11.81%	1.39%	1.39%	0.00%	0.00%	0.00%	0.00%	0.69%	0.00%	18.75%		
CHF/JPY	0.14%	5.14%	0.29%	0.39%	0.44%	0.53%	0.53%	1.75%	1.89%	6.00%	81.86%	28.79%	43.75%	27.46%	82.05%	7.02%	2.44%	1.22%	0.81%	0.41%	0.20%	0.20%	0.10%	0.00%	0.00%	5.54%	
CHINA/HKD	0.00%	4.66%	0.23%	0.12%	0.23%	0.35%	0.35%	0.70%	0.23%	0.70%	10.49%	81.93%	47.01%	46.14%	6.85%	68.80%	16.00%	4.00%	0.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.40%	
CNSO/USD	0.00%	2.01%	0.00%	0.00%	0.31%	0.46%	0.46%	0.31%	1.08%	4.18%	8.67%	82.51%	50.83%	39.10%	10.07%	62.50%	12.50%	8.59%	4.69%	3.13%	2.34%	0.00%	0.78%	0.00%	1.56%	3.91%	
CORN/USD	0.17%	0.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.52%	1.31%	0.52%	96.85%	9.38%	75.34%	15.28%	97.26%	1.45%	1.13%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
DE10YB/EUR	0.15%	4.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.61%	8.87%	84.68%	18.40%	68.25%	13.35%	74.44%	8.89%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.44%	
DE30/EUR	1.09%	1.59%	0.07%	0.05%	0.08%	0.09%	0.20%	0.31%	0.80%	1.91%	1.37%	86.52%	27.37%	58.07%	14.56%	80.04%	11.41%	3.18%	1.43%	0.62%	0.43%	0.38%	0.37%	0.12%	0.22%	1.80%	
ESPIX/EUR	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.28%	2.38%	0.00%	0.00%	4.76%	14.29%	19.81%	64.15%	16.04%	64.71%	8.82%	0.00%	5.88%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	17.65%	
EU50/EUR	0.00%	2.59%	0.14%	0.00%	0.27%	0.41%	0.68%	0.41%	0.27%	0.14%	8.45%	86.65%	16.70%	67.33%	15.97%	88.46%	7.69%	0.28%	0.57%	0.43%	0.28%	0.00%	0.28%	0.28%	0.28%	1.71%	
EUR/AUD	0.06%	2.52%	0.16%	0.30%	0.25%	0.18%	0.36%	0.25%	0.57%	1.25%	3.09%	90.81%	23.40%	49.00%	27.60%	95.04%	2.23%	0.44%	0.27%	0.19%	0.15%	0.04%	0.04%	0.04%	0.02%	1.54%	
EUR/CAD	0.15%	4.65%	0.16%	0.27%	0.38%	0.38%	0.22%	1.20%	0.99%	1.09%	2.52%	88.12%	24.17%	55.54%	20.29%	83.25%	1.30%	0.07%	0.07%	0.20%	0.00%	0.07%	0.00%	0.00%	0.00%	15.06%	
EUR/CHF	0.12%	5.67%	0.25%	0.25%	0.55%	0.42%	0.63%	1.47%	1.47%	3.40%	85.64%	15.50%	56.62%	27.88%	94.63%	1.96%	0.33%	0.12%	0.12%	0.14%	0.14%	0.12%	0.16%	0.00%	0.00%	2.29%	
EUR/GBP	5.45%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	71.43%	12.73%	87.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/DKK	0.32%	2.92%	0.10%	0.10%	0.40%	0.27%	0.40%	0.20%	1.03%	1.36%	2.58%	90.66%	14.36%	71.05%	14.59%	96.35%	0.69%	0.20%	0.10%	0.10%	0.07%	0.07%	0.07%	0.03%	0.03%	2.19%	
EUR/JPY	0.78%	2.66%	0.09%	0.07%	0.45%	0.22%	0.19%	0.37%	0.77%	1.67%	6.88%	86.63%	28.58%	36.74%	34.68%	85.74%	7.11%	2.17%	1.01%	0.36%	0.15%	0.95%	0.11%	0.07%	0.02%	3.19%	
EUR/INX	0.04%	6.91%	1.20%	1.08%	2.66%	3.86%	6.25%	5.98%	11.70%	21.28%	36.44%	27.50%	36.01%	36.49%	44.49%	18.44%	9.82%	6.21%	5.71%	3.41%	2.30%	2.00%	1.20%	1.00%	5.41%		
EUR/INZ	0.23%	10.71%	0.14%	0.56%	0.90%	1.04%	0.70%	0.97%	2.57%	4.94%	76.77%	25.32%	53.35%	21.34%	84.90%	4.46%	0.99%	0.50%	0.41%	0.08%	0.00%	0.08%	0.00%	0.00%	0.00%	8.58%	
EUR/INL	0.40%	9.80%	0.98%	0.00%	3.92%	1.96%	1.96%	2.94%	2.94%	15.69%	18.63%	41.18%	6.78%	63.32%	29.90%	51.78%	21.33%	10.22%	9.33%	2.22%	2.67%	1.11%	0.67%	0.00%	0.22%	0.44%	
EUR/PLN	0.18%	17.29%	0.00%	0.00%	2.26%	3.76%	1.50%	5.26%	8.27%	13.53%	31.58%	11.86%	31.85%	56.29%	19.34%	18.54%	11.41%	6.18%	4.28%	3.49%	1.43%	1.90%	1.43%	1.90%	1.43%	9.19%	
EUR/SGD	0.87%	2.50%	1.67%	3.33%	0.00%	2.50%	1.67%	3.33%	1.67%	4.17%	76.67%	17.49%	58.89%	23.62%	96.30%	1.85%	0.62%	0.00%	0.00%	0.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.62%	
EUR/USD	0.35%	1.57%	0.04%	0.05%	0.07%	0.06%	0.09%	0.52%	0.57%	0.78%	1.66%	95.29%	14.60%	66.58%	18.82%	94.39%	1.83%	0.74%	0.66%	0.34%	0.14%	0.09%	0.09%	0.07%	0.04%	1.61%	
FR40/EUR	0.10%	3.89%	0.00%	0.29%	0.14%	0.43%	0.00%	0.29%	0.43%	0.86%	3.60%	90.06%	22.35%	59.84%	17.81%	86.62%	5.61%	0.72%	0.18%	0.18%	0.00%	0.18%	0.00%	0.18%	0.18%	6.15%	
GBP/AUD	0.16%	5.83%	0.47%	0.51%	0.47%	0.62%	0.84%	1.92%	1.97%	5.17%	81.72%	31.45%	47.71%	20.84%	88.85%	4.62%	0.71%	0.27%	0.16%	0.16%	0.00%	0.11%	0.05%	0.00%	5.05%		
GBP/CAD	0.14%	4.56%	0.35%	0.35%	0.58%	0.35%	0.75%	0.89%	1.11%	1.91%	4.03%	85.11%	28.27%	53.98%	17.76%	89.00%	2.89%	0.56%	0.21%	0.07%	0.07%	0.00%	0.07%	0.07%	0.07%	7.05%	
GBP/CHF	5.48%	4.18%	0.30%	0.33%	0.60%	0.70%	1.04%	1.51%	1.74%	1.94%	4.12%	83.54%	25.75%	54.23%	20.02%	91.86%	1.76%	0.26%	0.09%	0.13%	0.04%	0.04%	0.04%	0.04%	0.04%	5.64%	
GBP/JPY	0.58%	2.33%	0.15%	0.13%	0.17%	0.28%	0.35%	0.62%	1.30%	2.67%	9.28%	82.73%	26.13%	39.49%	34.38%	83.78%	9.56%	2.74%	1.23%	0.51%	0.31%	0.16%	0.07%	0.05%	0.05%	1.53%	
GBP/NZD	0.06%	7.75%	0.61%	0.33%	0.72%	0.94%	0.89%	1.22%	1.77%	3.04%	8.52%	74.21%	21.53%	46.45%	32.02%	85.41%	7.00%	1.08%	0.45%	0.30%	0.48%	0.07%	0.22%	0.15%	0.26%	4.58%	
GBP/PLN	0.35%	8.92%	0.00%	0.64%	0.00%	0.00%	2.55%	5.10%	7.01%	7.01%	21.66%	47.13%	13.75%	60.42%	25.83%	38.98%	25.08%	10.51%	16.27%	4.41%	0.68%	0.00%	0.34%	0.68%	0.68%	2.37%	
GBP/SGD	0.13%	10.94%	0.78%	0.78%	0.00%	0.78%	1.56%	3.13%	0.00%	4.69%	76.56%	16.26%	53.49%	30.24%	94.96%	2.10%	0.00%	0.00%	0.84%	0.42%	0.00%	0.42%	0.00%	0.00%	0.00%	1.68%	
GBP/USD	0.27%	2.67%	0.04%	0.08%	0.11%	0.15%	0.22%	0.31%	0.46%	0.59%	2.00%	93.36%	19.04%	59.12%	21.84%	94.14%	1.83%	0.42%	0.36%	0.26%	0.16%	0.11%	0.09%	0.06%	0.05%	2.53%	
HKD/JPY	0.21%	29.27%	4.88%	0.81%	7.32%	4.88%	6.50%	10.57%	9.76%	11.38%	13.01%	25.89%	37.89%	36.21%	18.60%	10.47%	10.47%	11.63%	7.61%	1.84%	4.65%	6.40%	2.15%	2.33%	16.86%		
JP225/USD	0.00%	6.49%	6.61%	1.56%	1.20%	1.26%	1.32%	35.12%	10.76%	10.64%	14.97%	10.04%	23.24%	60.52%	16.24%	6.88%	6.28%	9.64%	7.92%	45.09%	1.77%	1.03%	1.38%	1.46%	11.10%	8.43%	
JP225/JPY	2.02%	6.46%	6.18%	0.75%	1.60%	1.92%	1.92%	1.92%	24.01%	9.28%	9.98%	17.50%	22.09%	27.27%	57.21%	15.24%	10.03%	11.43%	8.06%	13.59%	1.66%	1.87%	1.31%	1.78%	5.44%	8.25%	
NAS100/USD	0.01%	0.85%	0.09%	0.11%	0.16%	0.25%	0.43%	0.73%	1.62%	3.77%	12.05%	79.96%	32.24%	26.42%	41.34%	83.52%	10.18%	2.92%	1.23%	0.60%	0.37%	0.21%	0.13%	0.10%	0.07%	0.67%	
NATGAS/USD	0.22%	1.54%	0.00%	0.04%	0.04%	0.04%	0.04%	0.12%	0.30%	0.83%	1.50%	95.50%	5.31%	77.96%	16.73%	97.94%	0.84%	0.38%	0.19%	0.11%	0.05%	0.00%	0.00%</				

