

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 slippage	No Slippage	Beneficial to client slippage	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	
		slippage																									
AU200/AUD	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	2.78%	0.00%	0.00%	0.00%	2.78%	94.44%	5.13%	92.02%	2.85%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/CAD	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.09%	0.18%	0.09%	0.91%	98.72%	13.51%	73.19%	13.30%	98.05%	1.39%	0.37%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.09%
AUD/CHF	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.17%	0.33%	0.33%	0.50%	98.68%	14.34%	71.65%	14.01%	98.65%	1.02%	0.00%	0.00%	0.00%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/JPY	0.19%	0.39%	0.00%	0.04%	0.04%	0.00%	0.09%	0.17%	0.43%	0.13%	2.55%	96.15%	19.76%	59.87%	20.37%	96.69%	2.35%	0.46%	0.17%	0.08%	0.00%	0.04%	0.04%	0.00%	0.00%	0.17%	0.00%
AUD/NZD	0.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.16%	99.51%	11.56%	76.12%	12.33%	99.39%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%
AUD/SGD	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	6.09%	85.24%	8.67%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/USD	0.07%	0.04%	0.04%	0.00%	0.08%	0.00%	0.00%	0.04%	0.04%	0.42%	1.65%	97.70%	10.82%	78.08%	11.09%	97.83%	1.84%	0.15%	0.11%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
BCO/USD	0.18%	0.59%	0.04%	0.04%	0.12%	0.20%	0.31%	0.83%	2.48%	4.21%	61.63%	29.56%	8.62%	82.34%	9.03%	29.50%	60.69%	4.17%	2.71%	0.98%	0.23%	0.34%	0.23%	0.00%	0.08%	1.09%	
CAD/CHF	0.30%	0.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.47%	0.23%	0.00%	0.47%	98.60%	10.53%	78.47%	11.00%	98.88%	0.45%	0.45%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CAD/JPY	0.35%	0.35%	0.00%	0.00%	0.00%	0.00%	0.17%	0.00%	0.35%	1.05%	1.92%	96.17%	13.35%	74.03%	12.62%	93.00%	4.24%	1.84%	0.37%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.37%
CAD/SGD	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	7.13%	83.45%	9.72%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CH20/CHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	5.42%	89.16%	5.42%	88.89%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CHF/JPY	0.11%	0.74%	0.00%	0.00%	0.00%	0.00%	0.37%	0.37%	0.19%	1.68%	6.89%	89.57%	14.21%	69.50%	16.30%	89.77%	6.33%	1.62%	1.14%	0.49%	0.00%	0.16%	0.00%	0.32%	0.00%	0.16%	
CHINA/HKD	0.00%	1.64%	0.00%	0.00%	0.00%	0.00%	3.28%	0.00%	0.00%	0.00%	18.03%	77.05%	8.30%	83.95%	7.76%	92.98%	7.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CNSO/USD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.17%	10.87%	86.96%	11.92%	77.20%	10.88%	88.10%	7.14%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CORN/USD	0.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.94%	97.84%	1.22%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE10YB/EUR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.52%	33.33%	57.14%	4.02%	92.72%	3.26%	70.59%	29.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE30/EUR	3.61%	0.16%	0.13%	0.06%	0.13%	0.09%	0.25%	0.63%	1.20%	3.10%	11.22%	83.03%	11.78%	78.14%	10.08%	78.71%	12.86%	4.62%	1.33%	0.41%	0.48%	0.30%	0.30%	0.11%	0.18%	0.70%	
ESPIX/EUR	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	29.41%	70.59%	9.55%	83.71%	6.74%	75.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EU50/EUR	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%	0.00%	0.00%	0.00%	3.17%	96.54%	3.72%	91.72%	4.56%	80.71%	3.76%	0.00%	0.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	15.29%	
EUR/AUD	0.09%	0.12%	0.00%	0.02%	0.00%	0.00%	0.00%	0.10%	0.33%	3.26%	96.12%	22.79%	54.90%	22.31%	96.91%	2.77%	0.19%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	
EUR/CAD	0.23%	0.75%	0.00%	0.00%	0.00%	0.30%	0.00%	0.75%	0.30%	2.40%	95.51%	15.14%	70.00%	10.87%	98.32%	1.22%	0.15%	0.15%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/CHF	0.09%	0.28%	0.00%	0.14%	0.00%	0.00%	0.00%	0.14%	0.70%	1.40%	97.34%	10.96%	78.92%	10.13%	98.18%	0.91%	0.30%	0.00%	0.00%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%	0.45%	
EUR/DKK	2.86%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	7.14%	91.43%	1.43%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/GBP	0.41%	0.11%	0.00%	0.00%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.90%	98.88%	7.21%	85.60%	7.18%	85.60%	0.79%	0.68%	0.11%	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	0.23%	
EUR/JPY	0.54%	0.29%	0.00%	0.06%	0.06%	0.33%	0.06%	0.13%	0.38%	1.44%	4.22%	93.32%	20.07%	60.30%	19.63%	94.61%	3.63%	0.62%	0.39%	0.26%	0.13%	0.07%	0.00%	0.00%	0.00%	0.16%	
EUR/NOK	0.06%	4.66%	0.36%	0.72%	2.87%	6.81%	1.79%	6.81%	2.87%	12.19%	26.88%	38.35%	17.97%	61.43%	20.61%	45.94%	19.06%	8.13%	6.25%	8.75%	3.75%	1.56%	0.63%	1.25%	0.94%		
EUR/NZD	0.36%	0.57%	0.00%	0.00%	0.28%	0.00%	0.00%	0.28%	0.28%	0.57%	4.55%	93.47%	11.67%	76.92%	11.41%	93.31%	5.23%	1.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%	
EUR/PLN	0.31%	4.08%	0.00%	0.00%	0.00%	2.04%	4.08%	0.00%	2.04%	6.12%	12.24%	69.39%	3.76%	92.10%	4.14%	61.11%	14.81%	16.67%	1.85%	1.85%	1.85%	0.00%	0.00%	0.00%	0.00%	1.85%	
EUR/SEK	0.36%	6.98%	1.16%	2.33%	2.33%	1.16%	4.65%	3.49%	6.98%	10.47%	25.58%	34.88%	15.41%	67.20%	17.38%	50.52%	20.62%	8.25%	7.22%	5.15%	0.00%	1.03%	1.03%	0.00%	6.19%		
EUR/SGD	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	95.65%	9.31%	79.55%	11.13%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/USD	0.16%	0.05%	0.01%	0.06%	0.00%	0.02%	0.03%	0.06%	0.11%	0.19%	1.23%	98.24%	11.16%	77.08%	11.76%	98.58%	1.01%	0.23%	0.06%	0.02%	0.04%	0.01%	0.01%	0.02%	0.00%	0.03%	
FR40/EUR	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.00%	0.25%	0.25%	7.04%	91.96%	14.33%	75.77%	9.90%	95.27%	3.27%	0.36%	0.73%	0.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/AUD	0.20%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%	0.67%	2.78%	96.11%	18.17%	63.17%	18.66%	97.29%	2.27%	0.22%	0.11%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%	
GBP/CAD	0.13%	0.30%	0.00%	0.00%	0.15%	0.00%	0.00%	0.15%	0.00%	0.30%	4.24%	94.86%	14.03%	71.43%	14.54%	96.35%	2.63%	0.73%	0.15%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/CHF	0.23%	0.00%	0.00%	0.16%	0.00%	0.00%	0.16%	0.00%	0.00%	0.33%	0.49%	98.86%	12.66%	74.26%	13.07%	98.74%	1.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/JPY	0.52%	0.30%	0.09%	0.05%	0.10%	0.12%	0.24%	0.24%	0.45%	1.44%	6.41%	90.56%	20.28%	59.59%	20.13%	90.40%	6.33%	1.35%	0.66%	0.40%	0.16%	0.07%	0.09%	0.12%	0.07%	0.35%	
GBP/NZD	0.13%	0.22%	0.00%	0.00%	0.13%	0.00%	0.00%	0.22%	1.32%	14.32%	83.48%	12.20%	76.19%	11.61%	86.34%	12.50%	0.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.00%	
GBP/PLN	0.25%	1.18%	0.00%	0.18%	0.00%	0.00%	8.24%	4.71%	5.88%	5.88%	27.06%	45.88%	10.48%	79.28%	10.23%	40.96%	16.87%	14.46%	9.64%	7.23%	4.82%	1.20%	0.00%	3.61%	0.00%	1.20%	
GBP/SGD	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.56%	0.00%	3.13%	0.00%	95.31%	13.36%	73.90%	12.73%	98.36%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/USD	0.12%	0.15%	0.07%	0.06%	0.03%	0.04%	0.06%	0.09%	0.24%	0.53%	2.35%	96.38%	14.03%	72.38%	13.60%	97.04%	2.02%	0.40%	0.21%	0.07%	0.08%	0.05%	0.02%	0.02%	0.02%	0.07%	
HKD/JPY	1.03%	6.23%	3.13%	3.13%	3.13%	3.13%	12.50%	18.75%	18.75%	28.13%	11.00%	77.32%	11.68%	29.41%	35.29%	8.82%	14.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	
JP225/USD	0.00%	4.74%	8.95%	0.00%	0.00%	0.00%	86.32%	0.00%	0.00%	0.00%	0.00%	0.00%	6.51%	87.49%	6.00%	0.00%	0.00%	0.00%	0.00%	84.57%	0.00%	0.00%	0.00%	0.00%	12.00%	3.43%	
JP225/JPY	4.38%	3.28%	7.38%	0.00%	0.00%	0.82%	65.57%	0.00%	0.82%	21.31%	8.62%	87.42%	3.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	91.07%	0.00%	0.00%	0.00%	0.00%	5.36%	3.57%	
NAS100/USD	0.02%	0.18%	0.02%	0.06%	0.09%	0.12%	0.24%	0.48%	1.14%	3.32%	12.24%	82.10%	30.79%	34.58%	34.63%	83.40%	11.22%	2.85%	1.10%	0.46%	0.31%	0.19%	0.11%	0.07%	0.06%	0.23%	
NATGAS/USD	0.11%	0.00%	0.00%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.70%	98.95%	2.28%	95.71%	2.01%	99.47%	0.13%	0.13%	0.00%	0.13%	0.00%	0.00%	0.00%	0.00%	0.13%	0.00%	

