

PERIOD: October – December 2022																										
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
AU200/AUD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	3.48%	95.65%	0.87%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/CAD		0.27%	3.50%	1.00%	0.00%	0.75%	0.75%	1.25%	0.25%	0.25%	1.50%	87.25%	21.30%	57.88%	20.82%	93.35%	3.58%	1.79%	0.77%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/CHF		0.00%	6.13%	0.00%	0.00%	0.00%	1.84%	0.00%	1.23%	0.00%	0.61%	87.73%	19.43%	59.71%	20.86%	97.14%	1.71%	0.00%	1.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/JPY		0.43%	4.92%	0.00%	0.73%	0.55%	0.18%	0.73%	0.00%	0.73%	1.09%	6.01%	85.06%	29.41%	43.33%	27.26%	89.78%	5.70%	1.38%	0.79%	0.79%	0.39%	0.39%	0.00%	0.00%	0.79%
AUD/NZD		0.11%	10.88%	2.07%	0.00%	1.04%	1.04%	1.04%	2.59%	1.55%	2.07%	5.18%	72.54%	21.19%	59.50%	19.32%	94.89%	2.27%	0.57%	1.70%	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/SGD		0.35%	4.00%	0.00%	0.00%	0.00%	2.00%	0.00%	2.00%	2.00%	0.00%	6.00%	84.00%	17.42%	52.61%	29.97%	95.35%	3.49%	1.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/USD		1.02%	2.26%	0.28%	0.19%	0.75%	0.28%	0.09%	0.56%	0.28%	0.94%	91.53%	19.05%	61.18%	19.77%	91.02%	3.26%	1.72%	1.09%	0.36%	0.45%	0.18%	0.18%	0.36%	0.45%	0.91%
BCH/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	8.33%	83.33%	12.77%	63.83%	23.40%	86.36%	13.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
BCO/USD		0.57%	0.36%	0.22%	0.51%	0.43%	0.43%	0.58%	1.95%	4.20%	8.03%	35.75%	47.54%	20.30%	58.11%	21.59%	47.62%	36.12%	9.12%	4.35%	1.22%	0.48%	0.48%	0.20%	0.14%	0.00%
BTC/USD		0.00%	8.64%	1.23%	2.47%	2.47%	1.85%	1.85%	3.70%	8.02%	10.49%	14.81%	44.44%	34.47%	24.04%	41.49%	47.18%	18.97%	12.31%	5.64%	4.10%	3.08%	2.05%	1.03%	1.03%	3.59%
CAD/CHF		0.00%	5.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.53%	1.07%	93.05%	19.30%	62.44%	18.27%	92.66%	2.26%	0.00%	1.69%	1.13%	0.00%	1.69%	0.56%	0.00%	0.00%
CAD/JPY		0.17%	11.76%	1.87%	0.75%	0.75%	0.56%	1.31%	1.31%	2.43%	2.24%	5.22%	71.83%	30.25%	43.34%	26.41%	84.40%	7.91%	1.92%	1.92%	0.43%	0.85%	0.85%	0.64%	0.00%	1.07%
CAD/SGD		0.00%	33.33%	0.00%	0.00%	3.70%	3.70%	0.00%	0.00%	12.96%	7.41%	1.85%	37.04%	33.96%	37.74%	28.30%	82.22%	4.44%	2.22%	0.00%	4.44%	0.00%	4.44%	0.00%	2.22%	0.00%
CH20/CHF		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	10.53%	68.42%	21.05%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CHF/JPY		0.00%	23.97%	3.00%	0.95%	1.58%	1.10%	0.47%	0.63%	2.21%	5.05%	10.25%	50.79%	34.68%	40.37%	24.95%	73.46%	9.65%	3.95%	2.19%	1.75%	2.63%	1.97%	0.00%	1.54%	2.85%
CHINA/HKD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%	3.80%	94.94%	1.27%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CNS/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	87.50%	10.13%	77.22%	12.66%	70.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CORN/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	9.31%	83.31%	7.38%	98.36%	0.00%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE10Y/EUR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	0.00%	4.00%	86.67%	9.33%	28.57%	57.14%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE30/EUR		0.98%	0.69%	0.04%	0.09%	0.26%	0.28%	0.39%	1.01%	2.53%	5.82%	16.43%	72.47%	26.20%	56.40%	17.41%	81.03%	12.28%	3.98%	1.16%	0.48%	0.32%	0.13%	0.10%	0.06%	0.36%
ESP/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	2.99%	94.03%	2.99%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%
ETH/USD		0.00%	5.83%	0.83%	0.00%	0.00%	0.83%	0.83%	5.00%	2.50%	16.67%	15.00%	52.50%	31.41%	22.77%	45.81%	49.14%	25.71%	9.71%	6.86%	2.86%	1.14%	1.71%	1.14%	0.57%	0.57%
EU50/EUR		0.00%	4.26%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.13%	10.64%	80.85%	7.36%	87.17%	5.48%	88.57%	8.57%	0.00%	2.86%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/AUD		1.08%	4.49%	0.43%	0.29%	0.14%	0.00%	0.58%	1.59%	1.45%	2.75%	6.52%	81.74%	32.49%	38.70%	28.81%	86.27%	7.35%	2.29%	2.94%	0.16%	0.16%	0.00%	0.16%	0.49%	0.16%
EUR/CAD		0.00%	11.76%	0.84%	0.56%	0.56%	1.12%	1.26%	1.26%	1.68%	8.40%	71.29%	31.88%	45.49%	22.63%	89.15%	5.52%	0.99%	0.79%	0.39%	0.20%	0.00%	0.39%	0.39%	1.38%	
EUR/CHF		0.00%	7.43%	0.00%	0.86%	0.86%	0.00%	0.57%	0.00%	0.57%	0.29%	1.43%	88.00%	24.12%	54.72%	21.16%	95.11%	2.61%	0.98%	0.33%	0.00%	0.98%	0.00%	0.00%	0.00%	0.00%
EUR/DKK		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	7.69%	69.23%	23.08%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/GBP		0.09%	0.00%	0.64%	0.13%	0.26%	0.26%	0.00%	0.00%	0.00%	0.13%	2.30%	96.29%	22.56%	55.83%	21.61%	98.40%	1.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/JPY		0.39%	2.80%	0.78%	0.41%	0.10%	0.16%	0.41%	0.93%	1.40%	2.54%	6.12%	84.34%	25.63%	50.46%	23.91%	88.93%	6.23%	1.95%	1.45%	0.61%	0.06%	0.06%	0.17%	0.00%	0.28%
EUR/NOK		0.00%	27.91%	2.33%	0.00%	0.00%	4.65%	2.33%	9.30%	11.63%	4.65%	20.93%	16.28%	29.05%	40.54%	30.41%	8.89%	26.67%	11.11%	6.67%	4.44%	2.22%	4.44%	0.00%	2.22%	33.33%
EUR/NZD		0.06%	12.75%	4.18%	4.18%	0.88%	3.30%	0.44%	1.98%	3.08%	5.71%	15.16%	48.35%	29.05%	53.96%	16.99%	67.29%	10.15%	9.40%	4.89%	0.00%	0.38%	0.75%	1.13%	0.38%	4.14%
EUR/PLN		0.00%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	3.70%	22.22%	59.26%	31.03%	50.57%	18.39%	62.50%	6.25%	12.50%	6.25%	6.25%	6.25%	0.00%	0.00%	0.00%	0.00%
EUR/SEK		0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	6.67%	0.00%	0.00%	20.00%	33.33%	33.33%	12.00%	74.40%	13.60%	35.29%	29.41%	29.41%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%
EUR/SGD		0.00%	39.19%	2.70%	1.35%	0.00%	4.65%	6.76%	6.76%	8.11%	0.00%	2.70%	33.33%	32.01%	38.86%	28.82%	40.91%	16.67%	30.30%	0.00%	1.52%	0.00%	3.03%	0.00%	4.55%	1.52%
EUR/USD		2.07%	0.68%	0.03%	0.10%	0.13%	0.10%	0.12%	0.22%	0.51%	1.04%	4.45%	92.62%	23.43%	54.29%	22.28%	93.93%	4.06%	0.97%	0.28%	0.19%	0.15%	0.07%	0.02%	0.05%	0.18%
FR40/EUR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.94%	0.94%	3.77%	13.21%	81.13%	12.86%	77.32%	9.82%	88.27%	11.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GBP/AUD		0.25%	19.13%	3.63%	1.25%	1.75%	1.00%	1.63%	1.25%	2.13%	5.38%	11.63%	51.25%	39.55%	36.97%	23.48%	75.16%	12.42%	5.05%	0.63%	1.05%	1.89%	1.26%	1.26%	0.00%	1.05%
GBP/CAD		0.00%	16.42%	0.13%	0.50%	1.88%	1.88%	2.13%	3.26%	3.76%	8.52%	59.27%	34.79%	38.62%	26.59%	78.69%	10.16%	3.61%	2.62%	2.46%	1.15%	0.16%	0.16%	0.16%	0.16%	0.66%
GBP/CHF		0.00%	10.71%	3.02%	1.10%	0.27%	1.10%	0.55%	0.82%	0.27%	1.92%	4.95%	75.27%	30.95%	43.71%	25.34%	89.26%	6.04%	1.68%	0.67%	0.67%	0.00%	0.00%	0.00%	1.01%	0.00%
GBP/JPY		0.13%	3.06%	0.34%	0.23%	0.30%	0.87%	0.83%	0.42%	1.28%	2.65%	9.98%	80.05%	33.64%	33.59%	32.77%	83.59%	8.92%	2.91%	1.63%	0.78%	0.62%	0.27%	0.39%	0.16%	0.70%
GBP/NZD		0.08%	25.31%	2.67%	1.60%	0.71%	0.18%	0.89%	1.25%	3.03%	3.03%	13.90%	47.42%	44.07%	30.71%	25.22%	76.32%	14.02%	3.43%	0.62%	1.25%	0.62%	0.62%	0.93%	0.31%	1.56%
GBP/PLN		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.41%	0.00%	14.81%	11.11%	22.22%	44.44%	21.09%	40.63%	38.28%	55.10%	14.29%	12.24%	2.04%	6.12%	2.04%	2.04%	4.08%	2.04%	0.00%
GBP/SGD		0.00%	27.53%	1.12%	0.00%	0.56%	0.00%	0.00%	2.25%	7.30%	5.06%	4.49%	51.69%	59.73%	15.10%	25.17%	62.67%	18.67%	2.67%	8.00%	0.00%	4.00%	1.33%	0.00%	0.00%	2.67%
GBP/USD		0.48%	1.50%	0.21%	0.17%	0.17%	0.29%	0.19%	0.48%	0.36%	1.31%	6.09%	89.24%	26.55%	47.71%	25.74%	92.10%	5.66%	1.08%	0.34%	0.12%	0.15%	0.20%	0.12%	0.00%	0.15%
HKDJ/JPY		0.00%	40.00%	3.33%	0.00%	0.00%	5.00%	0.00%	6.67%	15.00%	16.67%	8.33%	42.25%	23.94%	33.80%	8.33%	22.92%	12.50%	6.25%	0.00%	6.25%	8.33%	2.08%	6.25%	0.00%	27.08%
JP25/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	33.33%	41.67%	0.00%	7.19%	88.02%	4.79%	0.00%	12.50%	87.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
JP25/JPY		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	35.29%	0.00%	35.29%	29.41%	0.00%	10.43%	78.53%	11.04%	0.00%	33.33%	33.33%	0.00%	27.78%	0.00%	0.00%	5.56%	0.00%	0.00%
LTC/USD		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.23%	96.77%	19.14%	64.20%	16.67%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NAS100/USD		0.14%	0																							