

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										
													Adverse to client slippage	No Slippage	Beneficial to client 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				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
AU200/AUD	0.00%	0.00%	0.00%	0.00%	0.00%	0.83%	12.50%	22.50%	5.00%	5.00%	54.17%	13.13%	81.73%	5.14%	95.74%	2.13%	0.00%	0.00%	0.00%	0.00%	2.13%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/CAD	0.00%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	2.66%	34.06%	2.17%	60.63%	12.47%	79.10%	8.43%	95.71%	3.57%	0.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/CHF	0.15%	0.00%	0.00%	0.19%	0.00%	0.00%	0.37%	0.00%	0.00%	0.37%	20.93%	78.13%	13.31%	76.69%	10.00%	99.50%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/JPY	0.04%	0.77%	0.06%	0.00%	0.00%	0.06%	0.19%	0.26%	1.09%	16.15%	4.49%	76.92%	23.24%	57.79%	18.98%	96.47%	3.14%	0.24%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%
AUD/NZD	0.51%	1.04%	0.00%	0.00%	0.00%	0.00%	0.26%	0.26%	1.04%	27.08%	1.04%	69.27%	19.75%	66.20%	14.04%	98.90%	0.73%	0.00%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/SGD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	39.47%	2.63%	55.26%	10.11%	84.57%	5.32%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AUD/USD	0.21%	0.00%	0.00%	0.00%	0.00%	0.05%	0.05%	0.29%	0.52%	0.48%	28.87%	69.75%	20.35%	65.73%	13.92%	98.19%	1.32%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.21%
BCO/USD	0.02%	4.24%	0.83%	1.46%	1.86%	2.86%	4.74%	7.02%	9.43%	13.87%	17.71%	36.00%	23.95%	56.04%	20.01%	44.76%	20.81%	11.21%	7.42%	4.52%	3.04%	2.08%	1.30%	0.82%	0.65%	3.41%
CAD/CHF	0.00%	0.80%	0.00%	0.00%	0.00%	0.40%	0.00%	0.00%	0.80%	1.20%	30.92%	65.86%	9.21%	83.73%	7.06%	98.95%	1.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CAD/JPY	0.05%	0.27%	0.00%	0.00%	0.00%	0.00%	0.14%	0.14%	3.14%	27.73%	2.05%	66.53%	18.21%	70.29%	11.50%	96.54%	2.60%	0.43%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%
CAD/SGD	0.00%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.70%	13.04%	73.91%	8.46%	85.66%	5.88%	100.00%	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%	1.61%	0.00%	0.00%	0.00%	3.23%	0.00%	14.52%	30.65%	17.74%	32.26%	21.38%	71.38%	7.24%	61.90%	33.33%	0.00%	4.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CHF/JPY	0.00%	0.94%	0.00%	0.00%	0.16%	0.31%	0.79%	10.22%	9.75%	2.99%	6.60%	68.24%	19.30%	65.56%	15.14%	85.57%	10.42%	1.80%	0.40%	0.60%	0.60%	0.00%	0.00%	0.20%	0.00%	0.40%
CHINAH/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	8.70%	17.39%	2.17%	13.04%	2.17%	2.17%	54.35%	11.06%	78.37%	10.58%	90.91%	6.82%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CNSO/USD	0.00%	0.00%	0.00%	6.06%	9.09%	0.00%	0.00%	0.00%	3.03%	0.00%	15.15%	66.67%	15.94%	72.95%	11.11%	95.65%	4.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CORN/USD	0.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	2.83%	96.73%	0.45%	100.00%	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%	15.38%	7.69%	0.00%	76.92%	3.39%	94.27%	2.34%	77.78%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DE30/EUR	0.24%	0.67%	0.26%	0.72%	0.89%	1.29%	2.49%	5.66%	11.27%	13.60%	13.60%	49.55%	26.45%	57.61%	15.94%	63.73%	19.67%	6.88%	4.23%	2.00%	0.83%	0.63%	0.29%	0.50%	0.15%	1.08%
ESPIX/EUR	0.00%	8.51%	4.26%	4.26%	4.26%	10.64%	0.00%	2.13%	4.26%	6.38%	21.28%	34.04%	14.03%	77.91%	8.06%	59.26%	25.93%	7.41%	3.70%	3.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EU50/EUR	0.02%	0.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.33%	2.68%	18.73%	77.26%	7.06%	86.47%	6.47%	90.15%	8.03%	0.73%	0.73%	0.00%	0.00%	0.36%	0.00%	0.00%	0.00%	0.00%
EUR/AUD	0.13%	0.69%	0.00%	0.12%	0.23%	0.00%	0.12%	6.57%	12.67%	1.04%	3.23%	75.35%	27.55%	51.06%	21.39%	95.70%	3.56%	0.45%	0.00%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/CAD	0.03%	1.49%	0.00%	0.00%	0.00%	0.15%	0.00%	0.15%	10.57%	15.63%	2.98%	69.05%	21.65%	61.82%	16.53%	96.30%	3.31%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.19%
EUR/CHF	0.05%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.16%	12.80%	80.88%	16.34%	71.03%	12.63%	98.77%	0.82%	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/DKK	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	3.85%	93.59%	2.56%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/GBP	1.42%	0.00%	0.00%	0.17%	0.00%	0.00%	0.17%	0.11%	0.28%	0.17%	21.21%	77.90%	13.92%	76.54%	9.53%	99.51%	0.41%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/JPY	1.64%	0.56%	0.13%	0.10%	0.00%	0.07%	0.13%	0.62%	0.43%	14.04%	3.51%	76.71%	26.80%	51.33%	21.87%	96.30%	2.93%	0.56%	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
EUR/NOK	0.00%	5.56%	0.79%	1.59%	0.79%	5.56%	3.17%	8.73%	4.76%	21.43%	15.87%	31.75%	19.63%	61.68%	18.69%	35.83%	6.67%	2.50%	8.33%	6.67%	2.50%	4.17%	0.00%	1.67%	2.50%	
EUR/NZD	0.00%	2.20%	0.00%	0.63%	7.23%	22.96%	5.03%	0.31%	0.31%	0.63%	55.66%	0.00%	20.18%	67.70%	12.12%	87.96%	10.47%	1.05%	0.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/PLN	0.00%	0.00%	0.00%	0.00%	4.55%	0.00%	4.55%	0.00%	9.09%	18.18%	59.09%	2.77%	93.71%	3.52%	75.00%	14.29%	10.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/SEK	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%	3.70%	9.26%	14.81%	24.07%	37.04%	15.84%	71.55%	12.61%	46.51%	25.58%	4.65%	6.98%	2.33%	4.65%	2.33%	0.00%	2.33%	2.33%	2.33%
EUR/SGD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.27%	47.73%	2.27%	47.73%	14.97%	79.93%	5.10%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EUR/USD	0.89%	0.02%	0.00%	0.03%	0.01%	0.04%	0.03%	0.07%	0.18%	0.31%	3.34%	95.97%	20.54%	63.11%	16.35%	97.85%	1.65%	0.29%	0.09%	0.06%	0.02%	0.01%	0.02%	0.01%	0.01%	0.01%
FR40/EUR	0.00%	0.28%	0.28%	0.00%	0.00%	0.00%	0.28%	0.00%	1.14%	3.41%	17.05%	77.56%	15.13%	72.93%	11.95%	85.97%	11.51%	2.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GBP/AUD	0.09%	0.74%	0.00%	0.25%	0.49%	1.56%	10.18%	3.94%	0.33%	1.07%	5.83%	75.62%	27.68%	51.12%	21.20%	90.89%	7.82%	1.07%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%
GBP/CAD	0.05%	1.40%	0.00%	0.00%	0.00%	0.00%	2.09%	11.40%	30.47%	1.63%	3.72%	49.30%	20.76%	67.46%	11.78%	92.21%	7.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GBP/CHF	0.00%	1.69%	0.00%	0.00%	0.00%	0.00%	0.56%	1.51%	29.00%	2.45%	64.60%	18.15%	69.04%	12.82%	99.73%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GBP/JPY	0.39%	0.44%	0.00%	0.03%	0.04%	0.11%	0.52%	6.77%	9.25%	1.24%	4.90%	76.70%	26.07%	52.30%	21.63%	93.48%	5.11%	0.84%	0.22%	0.15%	0.03%	0.02%	0.05%	0.02%	0.00%	0.08%
GBP/NZD	0.00%	4.01%	4.01%	14.54%	4.26%	0.50%	0.00%	0.25%	0.50%	2.26%	6.52%	63.16%	20.23%	65.47%	14.30%	88.30%	10.64%	1.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GBP/PLN	0.00%	6.35%	0.00%	0.79%	1.59%	0.00%	0.79%	1.59%	3.97%	10.32%	31.75%	42.86%	14.33%	73.95%	11.72%	47.57%	30.10%	13.59%	5.83%							

ZAR/JPY	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	75.00%	1.75%	96.42%	1.83%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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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												
		> 100 PIPS	100 - 90 PIPS	90 - 80 PIPS	80 - 70 PIPS	70 - 60 PIPS	60 - 50 PIPS	50 - 40 PIPS	40 - 30 PIPS	30 - 20 PIPS	20 - 10 PIPS	10 - 0 PIPS	Adverse to client slippage	No Slippage	Beneficial to client slippage	0 - 10 PIPS	10 - 20 PIPS	20 - 30 PIPS	30 - 40 PIPS	40 - 50 PIPS	50 - 60 PIPS	60 - 70 PIPS	70 - 80 PIPS	80 - 90 PIPS	90 - 100 PIPS	> 100 PIPS		
AUD/HKD	0.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.42%	74.58%	20.56%	60.98%	18.47%	98.11%	0.00%	1.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
CAD/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.03%	0.00%	0.00%	0.00%	18.18%	78.79%	12.09%	80.95%	6.96%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
CHF/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.47%	1.47%	97.06%	16.08%	67.38%	16.55%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
CHF/ZAR	0.26%	1.89%	0.00%	0.00%	0.00%	1.89%	1.89%	0.00%	1.89%	7.55%	18.87%	66.04%	13.84%	72.85%	13.32%	68.63%	25.49%	0.00%	3.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.96%	
EUR/CZK	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	88.89%	3.45%	91.19%	5.36%	85.71%	7.14%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	91.67%	13.95%	74.42%	11.63%	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/HUF	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	8.16%	16.33%	2.04%	71.43%	13.00%	75.07%	11.94%	97.78%	0.00%	2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/TRY	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	8.70%	69.57%	21.74%	80.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EUR/ZAR	0.00%	8.93%	1.79%	0.00%	5.36%	0.00%	0.00%	0.00%	1.79%	5.36%	17.86%	58.93%	15.34%	68.49%	16.16%	69.49%	18.64%	8.47%	1.69%	1.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.92%	0.00%	0.00%	0.00%	0.00%	3.85%	7.69%	86.54%	16.83%	69.58%	13.59%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
GBP/ZAR	0.00%	18.97%	0.00%	1.72%	0.00%	1.72%	0.00%	0.00%	3.45%	1.72%	10.34%	62.07%	16.25%	68.63%	15.13%	75.93%	12.96%	9.26%	1.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
HK33/HKD	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.30%	99.70%	21.25%	56.26%	22.49%	99.86%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
NZD/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	7.33%	82.00%	10.67%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD000/USD	0.02%	1.66%	0.20%	0.53%	0.86%	1.33%	2.52%	4.84%	12.59%	13.19%	19.09%	43.21%	25.93%	53.05%	21.02%	53.39%	22.08%	12.59%	4.99%	2.37%	1.23%	1.31%	0.74%	0.41%	0.16%	0.74%		
USD/CZK	0.00%	5.26%	0.00%	0.00%	0.00%	0.00%	18.42%	5.26%	2.63%	5.26%	5.26%	57.89%	12.34%	75.32%	12.34%	81.58%	10.53%	5.26%	0.00%	2.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD/HKD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	91.67%	4.82%	89.96%	5.22%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD/HUF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.20%	2.41%	7.23%	7.23%	81.93%	13.01%	72.88%	14.11%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD/MXN	0.06%	0.53%	0.00%	0.00%	1.06%	0.26%	1.85%	3.96%	1.06%	2.11%	4.75%	84.43%	22.28%	52.44%	25.28%	88.60%	7.44%	2.56%	0.47%	0.23%	0.23%	0.00%	0.47%	0.00%	0.00%	0.00%		
USD/THB	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.18%	9.09%	72.73%	7.05%	89.74%	3.21%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD/TRY	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%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
USD/ZAR	0.00%	10.14%	0.68%	1.35%	0.68%	0.00%	0.00%	0.68%	2.70%	4.05%	9.46%	70.27%	22.80%	55.78%	21.42%	79.86%	12.95%	2.16%	1.44%	2.16%	0.72%	0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	
XAG/AUD	0.00%	58.51%	1.77%	2.48%	2.84%	2.48%	4.26%	4.26%	2.48%	5.32%	6.74%	8.87%	40.75%	17.34%	41.91%	10.00%	9.31%	4.14%	7.24%	5.86%	6.55%	4.48%	1.72%	1.38%	1.03%	48.28%		
XAG/CAD	0.00%	48.47%	3.49%	4.37%	2.62%	2.18%	4.37%	4.80%	3.93%	4.80%	11.35%	9.61%	40.97%	16.99%	42.04%	6.38%	11.06%	7.66%	3.83%	8.09%	2.98%	4.68%	1.70%	2.13%	2.13%	49.36%		
XAG/CHF	0.00%	30.15%	2.00%	2.24%	3.89%	4.00%	3.42%	5.54%	7.54%	8.36%	12.25%	20.61%	35.57%	29.20%	35.23%	19.86%	13.79%	9.87%	8.68%	6.54%	4.52%	4.16%	3.92%	2.14%	3.21%	23.31%		
XAG/EUR	0.00%	37.75%	2.37%	2.49%	2.92%	3.59%	4.38%	5.11%	6.87%	7.90%	11.06%	15.56%	40.65%	18.46%	40.89%	15.59%	12.99%	9.37%	6.77%	5.44%	6.04%	4.41%	3.44%	3.69%	2.42%	29.85%		
XAG/GBP	0.02%	37.71%	2.08%	2.24%	2.36%	2.75%	5.05%	5.27%	5.56%	8.59%	10.72%	17.68%	41.15%	17.88%	40.97%	22.10%	12.12%	10.82%	6.93%	6.20%	5.36%	3.33%	2.76%	2.59%	2.09%	25.70%		
XAG/HKD	0.00%	81.13%	0.56%	0.56%	7.89%	0.56%	1.13%	0.85%	2.25%	1.41%	2.25%	1.41%	35.46%	22.88%	41.66%	2.40%	1.68%	0.00%	1.92%	1.20%	0.96%	1.68%	6.47%	0.72%	0.72%	82.25%		
XAG/JPY	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.12%	0.12%	0.00%	0.61%	2.91%	96.25%	36.23%	23.64%	40.13%	96.72%	2.73%	0.33%	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
XAG/NZD	0.00%	55.24%	3.15%	4.20%	3.50%	3.15%	3.50%	2.10%	6.29%	6.29%	7.69%	4.90%	40.97%	18.34%	40.69%	3.52%	10.92%	6.69%	8.10%	2.11%	5.99%	5.28%	3.52%	2.46%	3.17%	48.24%		
XAG/SGD	0.00%	50.00%	3.74%	2.72%	5.44%	4.08%	3.74%	4.42%	6.12%	6.46%	7.48%	5.78%	44.01%	11.68%	44.31%	5.74%	7.09%	8.78%	4.39%	3.38%	6.76%	3.04%	4.39%	3.04%	2.03%	51.35%		
XAG/USD	0.96%	50.21%	2.35%	2.51%	2.91%	3.12%	3.85%	4.57%	5.07%	6.16%	7.75%	11.50%	42.86%	18.32%	38.82%	14.10%	9.78%	7.73%	6.43%	5.77%	4.82%	3.96%	3.27%	3.10%	2.94%	38.10%		
XAU/AUD	0.00%	16.10%	1.39%	1.39%	1.99%	2.78%	3.78%	5.17%	5.77%	9.94%	21.27%	30.42%	35.42%	27.82%	36.76%	38.89%	22.61%	9.58%	5.75%	4.79%	2.49%	1.92%	2.11%	1.53%	1.34%	9.00%		
XAU/CAD	0.00%	17.20%	2.15%	1.08%	4.30%	2.15%	1.08%	2.15%	3.23%	13.98%	17.20%	35.48%	44.50%	7.66%	47.85%	33.00%	20.00%	12.00%	7.00%	3.00%	4.00%	5.00%	4.00%	2.00%	1.00%	9.00%		
XAU/CHF	0.00%	1.82%	0.80%	1.41%	2.21%	2.61%	2.81%	4.42%	5.82%	8.23%	19.88%	47.99%	31.92%	33.65%	34.42%	57.36%	17.13%	8.19%	5.59%	2.05%	1.12%	2.42%	1.12%	1.12%	0.74%	3.17%		
XAU/EUR	0.00%	6.85%	2.16%	2.28%	3.49%	2.16%	3.00%	2.64%	6.13%	9.13%	18.63%	43.51%	41.87%	16.21%	41.92%	51.74%	17.17%	9.24%	5.88%	4.80%	2.16%	2.04%	1.56%	0.84%	0.36%	4.20%		
XAU/GBP	0.00%	11.86%	3.04%	4.45%	4.58%	4.24%	4.20%	4.20%	5.74%	6.72%	14.86%	36.10%	48.44%	12.93%	38.63%	47.15%	20.68%	9.45%	6.34%	4.40%	2.74%	1.83%	1.66%	0.91%	1.13%	3.71%		
XAU/HKD	0.00%	63.64%	1.52%	1.52%	4.55%	0.00%	3.03%	10.61%	4.55%	4.55%	4.55%	1.52%	44.59%	9.46%	45.95%	5.88%	2.94%	4.41%	8.82%	1.47%	1.47%	4.41%	5.88%	4.41%	4.41%	55.88%		
XAU/JPY	0.00%	0.25%	0.25%	0.00%	0.00%	0.25%	0.75%	0.00%	1.26%	4.02%	10.55%	82.66%	42.30%	16.47%	41.23%	88.66%	6.19%	3.61%	0.77%	0.00%	0.52%	0.00%	0.00%	0.00%	0.00%	0.26%		
XAU/NZD	0.00%	25.32%	2.53%	1.27%	3.80%	5.06%	2.53%	13.92%	5.06%	7.59%	16.46%	16.46%	46.47%	10.00%	43.53%	22.97%	14.86%	13.51%	10.81%	9.46%	1.35%	5.41%	0.00%	1.35%	2.70%	17.57%		
XAU/SGD	0.00%	18.13%	2.20%	2.75%	3.30%	3.30%	3.85%	2.20%	7.14%	9.34%	19.78%	28.02%	45.27%	8.21%	46.52%	31.02%	19.79%	10.70%	5.88%	5.88%	2.67%	4.28%	3.21%	3.21%	1.60%	11.76%		
XAU/USD	0.02%	17.28%	4.08%	4.57%	4.52%	3.95%	3.93%	4.45%	5.58%	7.80%	13.08%	30.76%	45.31%	19.46%	35.23%	43.74%	17.47%	9.99%	6.76%	4.74%	3.46%	2.52%	1.86%	1.56%	1.22%	6.67%		
XAU/XAG	0.04%	0.00%	0.10%	0.10%	0.00%	0.00%	0.00%	0.10%	0.31%	0.42%	1.36%	97.18%	36.44%	25.59%	37.97%	99.10%	0.70%	0.10%	0.00%	0.00%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
XPD/USD	0.00%	44.76%	10.20%	0.00%	0.00%	0.00%	0.00%	41.64%	0.00%	0.00%	0.00%	3.4.00																