# System A

## Determine Risk-Adjusted Value for Optimal F

| | | |
|---|---|---|
| Inital Balance | 50.000 | USD |
| Target Account | 100.000 | USD |
| Ruined Account | 25.000 | USD |
| Tolerated Risk | 0,10 | % |
| Average Win | 10 | Points |
| Average Loss | 10 | Points |
| Point Value | 5 | USD |
| Percentage Win | 60,0 | % |
| Commission | 0 | Points |
| Slippage | 0 | Points |
| Kelly Factor *) | 0,18 | |
| Win Loss Ratio | 1,00 | |
| Adjusted Win Loss Ratio | 1,00 | |
| Optimal F | 20,00 | % |
| Risk of Ruin | 0,09 | % |

| | | |
|---|---|---|
| Accepted Loss per Trade | 3,60 | % |

Comments:

*) Please manually adjust Kelly factor until the risk of ruin matches the tolerated risk

The calculation should only be applied to Bernoulli distribution. Those are discrete distributions with 2 possible outcomes, a win of N1 points or a loss of N2 points.

## Calculate Number of Contracts to Trade

| | | |
|---|---|---|
| Current Balance | 50.000 | USD |
| Accepted Loss per trade | 3,60 | % |
| Number of Contracts to Trade | 36 | Contracts |
| Expected Gain per Contract Traded | 10,00 | USD |
| Expected Gain per Trade | 360,00 | USD |
| Expected Growth Factor per Trade | 1,0072 | |
| Number of Trades Required to Reach Target | 97 | Trades |