

I have manually changed the EUR-USD to USD-EUR by changing the file names to EUR for the USD in terms of EUR and EURUSD for the conventional EUR in terms of USD.

This function will calculate the forward rate and profits and return a data frame with the result

```
forw <- function(fx, b, m){
  M <- paste(m, "M", sep = "")
  ra <- paste(fx, M, sep = "")
  ra2 <- paste(b, M, sep = "")
# this line to to name the column in the dataframe but does not work yet
  fw <- paste(ra, "f", sep = "")
  title <- paste(fx, "-", b, "fw", sep = "")
  das <- subset(da, select = c(fx, ra, ra2))
  das$fw <- ((1 + das[,2]/100)^(m/12))/((1 + das[,3]/100)^(m/12))*das[,1]
  plot(da[,4], type = 'l', main = fw)
  daz <- as.zoo(das)
  daz$l <- lag(daz[,1], k = m)
  daz$p <- ((daz[,1]*(1 + daz[,2]/100)^(m/12))*(1/daz[,5]))/
    (1 + daz[,3]/100)^(m/12)
}
das <- forw(fx = "HUF", b = "EUR", m = 1)
```

The profits are the ratio of the return on UIP relative to funding costs.

"mystats" function is required to calculate the descriptive statistics.

Testing the table that was created.

	No	Mean	tstat	Median	Stdev	Skew	SP	Kurt	KP	Max	M
ISK	120.0000	1.0051	0.1069	1.0078	0.0473	-0.7437	0.4399	4.5471	1.9845	0.1908	-0.20
RON	122.0000	1.0080	0.2334	1.0087	0.0342	-0.3935	0.4364	2.9673	1.9847	0.1193	-0.13
PLN	129.0000	1.0074	0.1821	1.0111	0.0408	-0.6825	0.4248	1.7341	1.9855	0.1046	-0.14
RUB	122.0000	1.0023	0.1003	1.0031	0.0233	-1.5400	0.4364	11.3674	1.9847	0.0840	-0.13
HUF	129.0000	1.0077	0.1804	1.0096	0.0426	-0.8552	0.4248	3.1081	1.9855	0.1209	-0.18
TRY	117.0000	1.0112	0.2071	1.0158	0.0542	-1.0839	0.4453	4.3169	1.9841	0.1473	-0.24
UAH	121.0000	1.0021	0.0683	1.0035	0.0303	-3.3477	0.4381	20.1403	1.9846	0.0981	-0.20
NOK	129.0000	1.0043	0.1289	1.0046	0.0333	-0.3386	0.4248	1.2250	1.9855	0.0806	-0.12
LVL	119.0000	1.0033	0.1206	1.0029	0.0274	0.0573	0.4417	3.6521	1.9844	0.1137	-0.09
HRK	121.0000	1.0059	0.1865	1.0050	0.0315	-0.1454	0.4381	0.9190	1.9846	0.0863	-0.10
CZK	123.0000	1.0071	0.1874	1.0092	0.0377	-0.1835	0.4347	0.4444	1.9848	0.1076	-0.13
BGN	129.0000	1.0024	0.0741	1.0010	0.0318	-0.0180	0.4248	1.1451	1.9855	0.1018	-0.10