January 2021

Rates

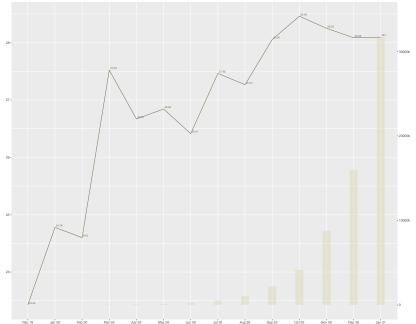
Flows

 ${\sf Holdings}$ 

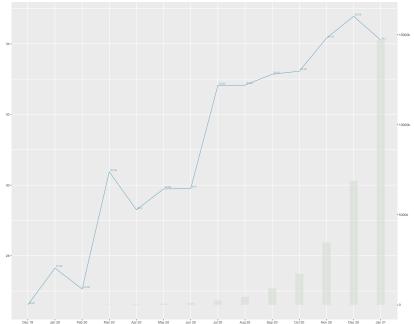
Errors

#### Rates

# USD / UAH Rate



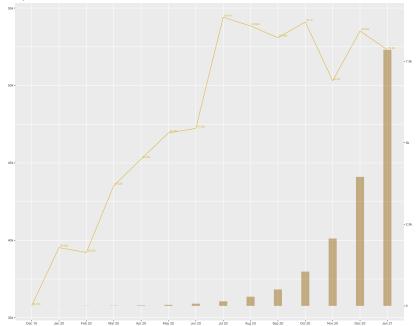
# EUR / UAH Rate



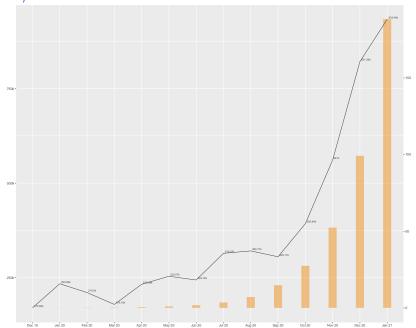
# CHF / UAH Rate



# GLD / UAH Rate

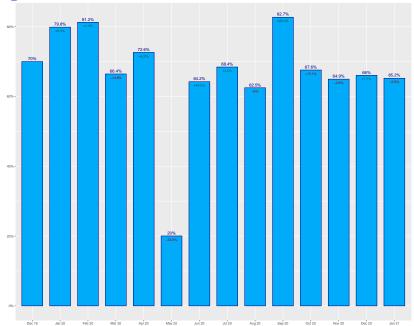


# BTC / UAH Rate

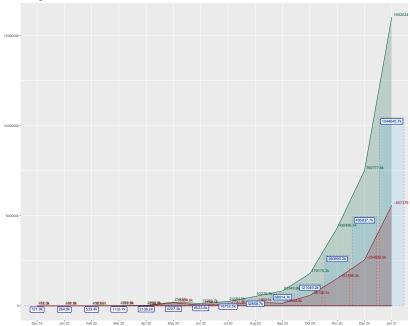


### **Flows**

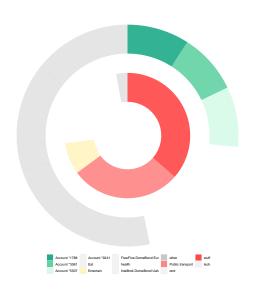
## Margin



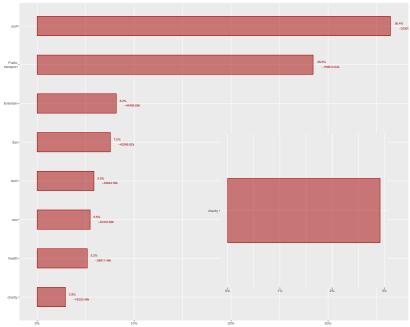
## Flows Dynamics



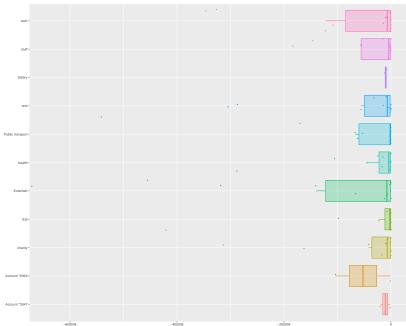
#### Flows share



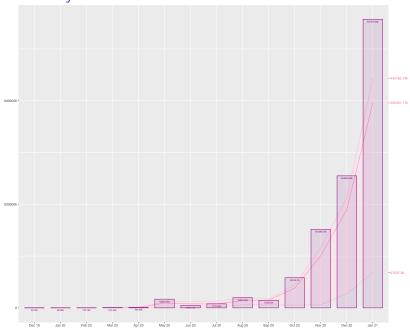
# Expenses share



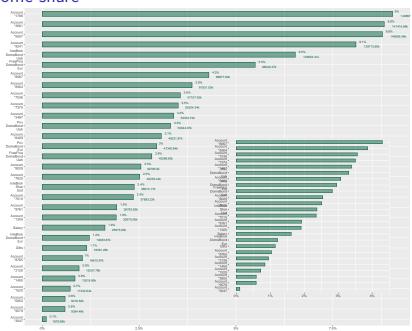
## **Expenses Distribution**



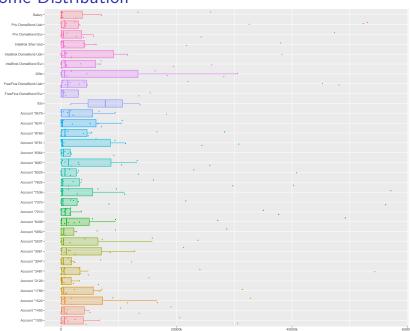
**Expenses Dynamics** 



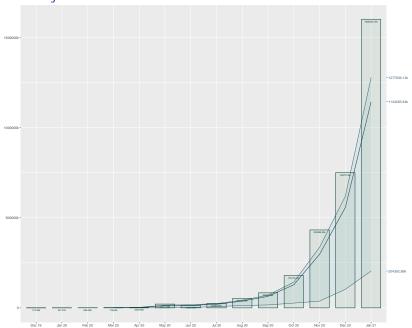
#### Income share



#### Income Distribution



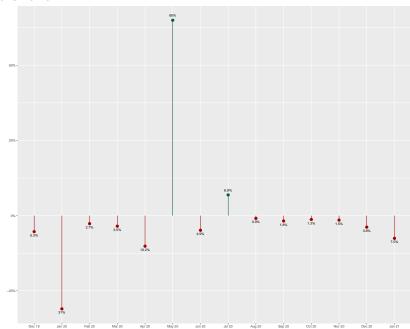
Income Dynamics



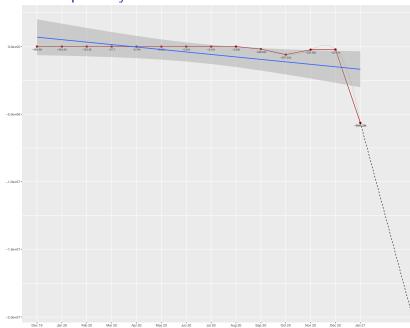
Eat dynamics



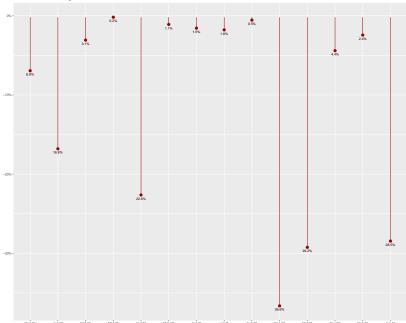
### Eat share



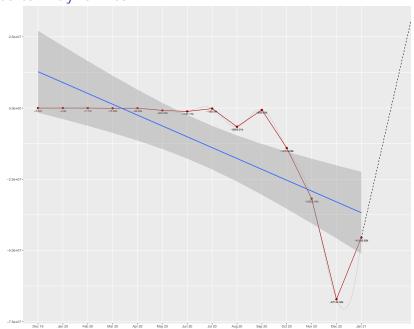
## Public transport dynamics



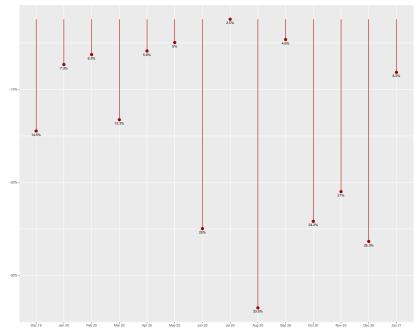
## Public transport share



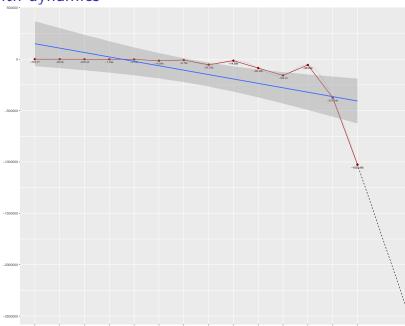
Entertain dynamics



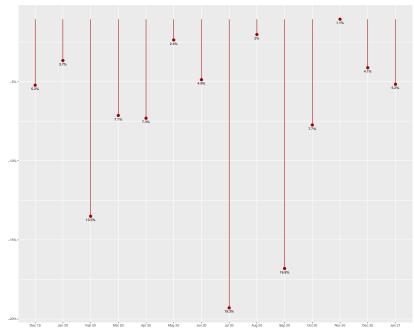
### Entertain share



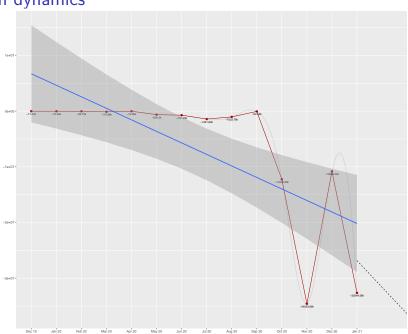
health dynamics



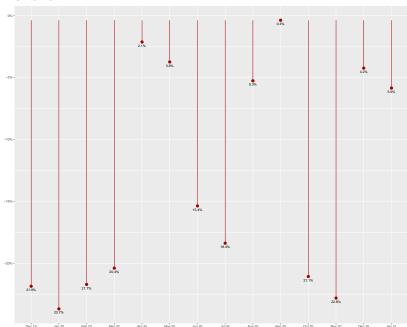
### health share



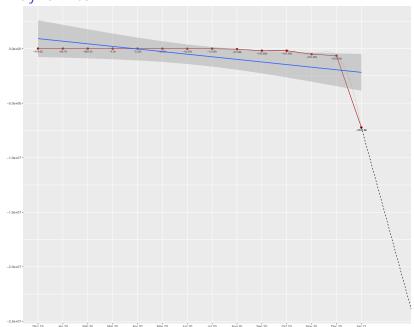
tech dynamics



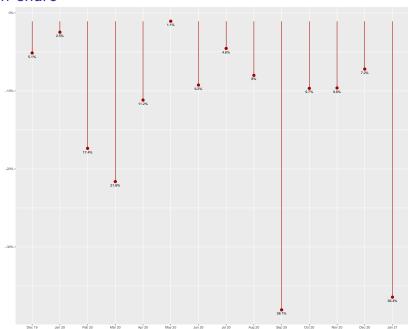
### tech share



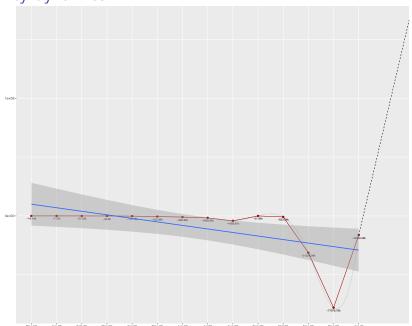
# stuff dynamics



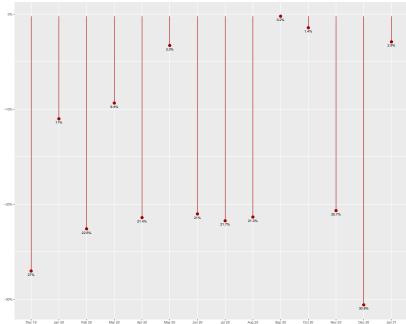
### stuff share



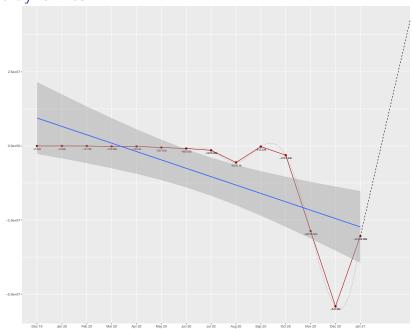
charity dynamics



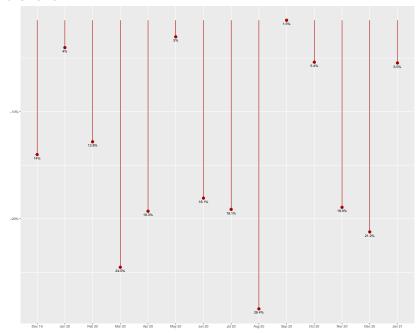
# charity share



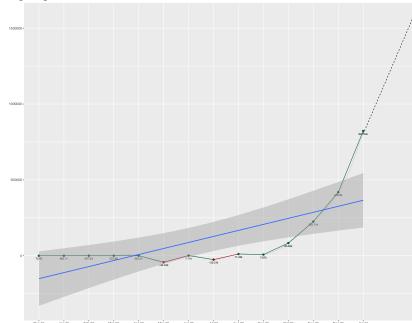
rent dynamics



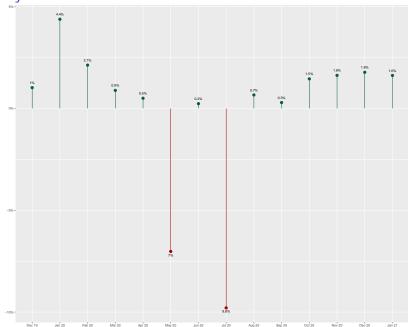
### rent share



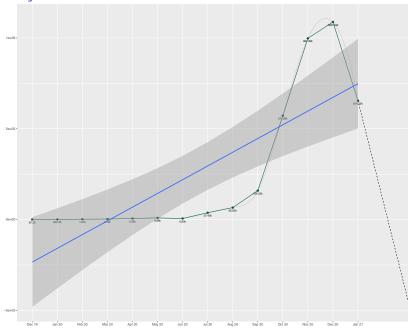
Salary dynamics



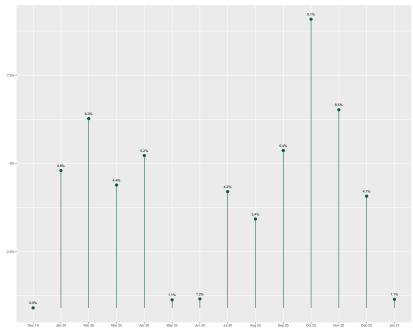
# Salary share



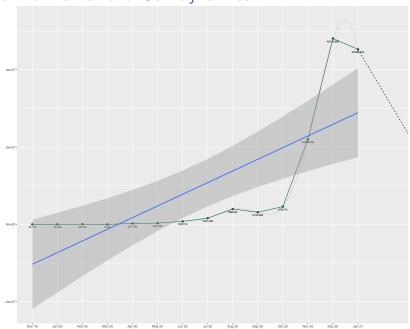
# Gifts dynamics



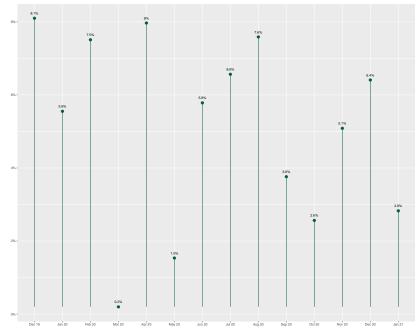
#### Gifts share



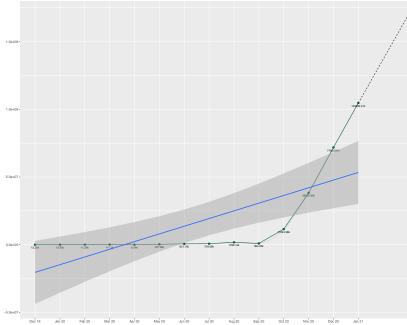
FreeFina DomeBond Uah dynamics



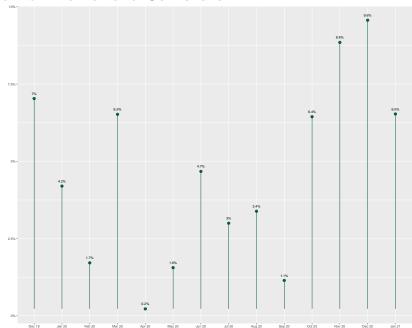
#### FreeFina DomeBond Uah share



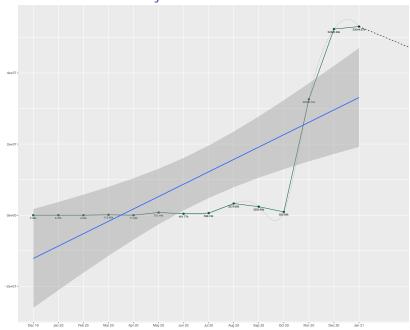
## InteBrok DomeBond Uah dynamics



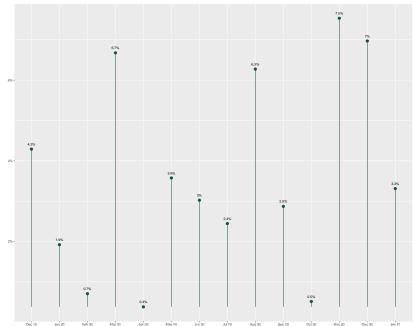
#### InteBrok DomeBond Uah share



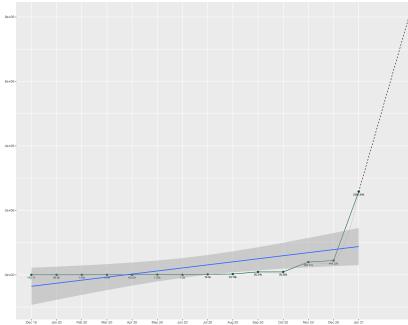
Priv DomeBond Uah dynamics



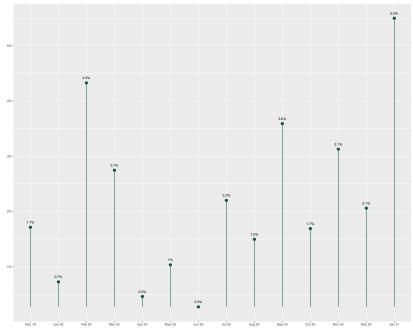
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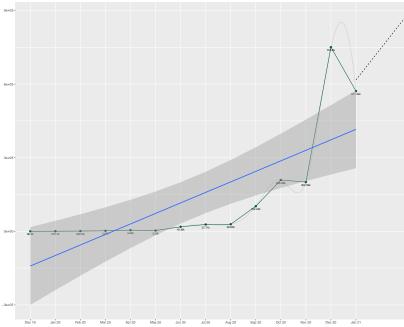
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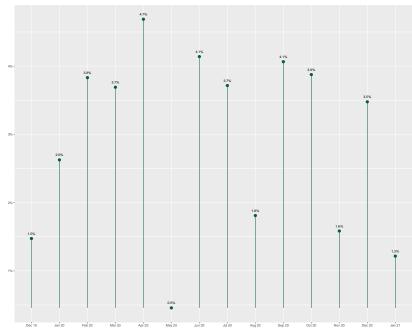
#### FreeFina DomeBond Eur share



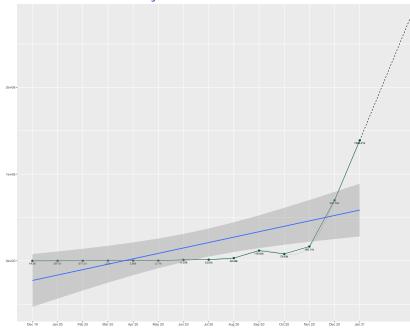
# InteBrok DomeBond Eur dynamics



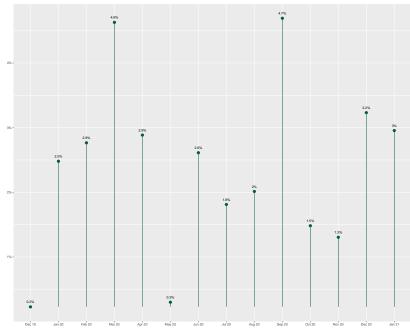
#### InteBrok DomeBond Eur share



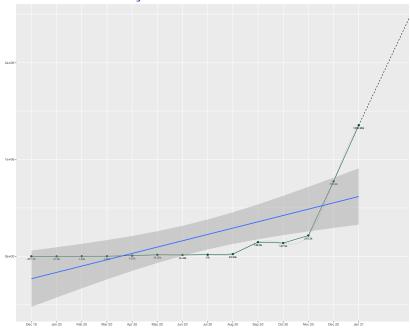
Priv DomeBond Eur dynamics



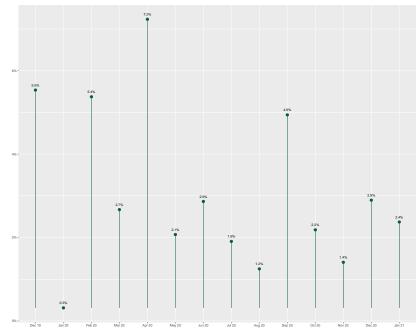
#### Priv DomeBond Eur share



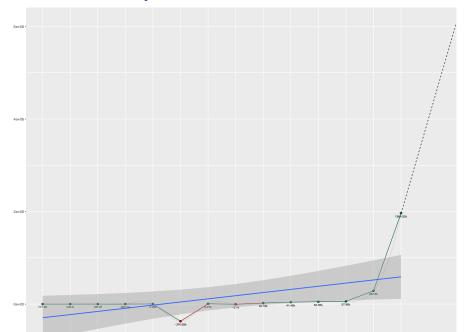
InteBrok Shar Usd dynamics



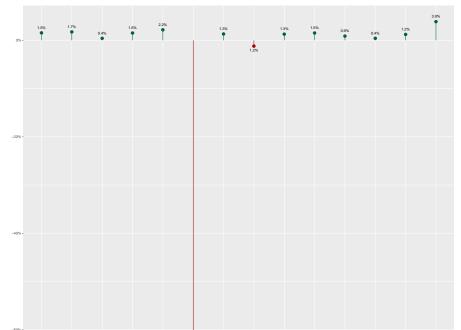
#### InteBrok Shar Usd share



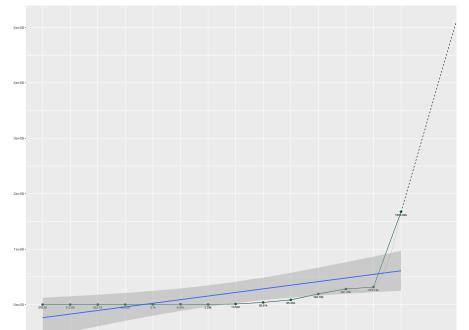
# Account \*8364 dynamics



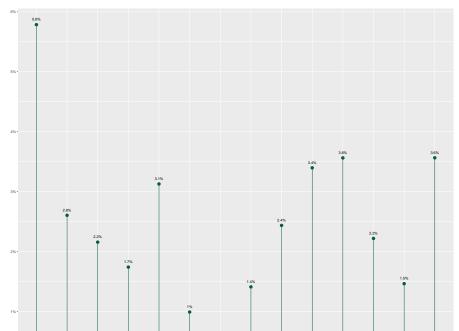
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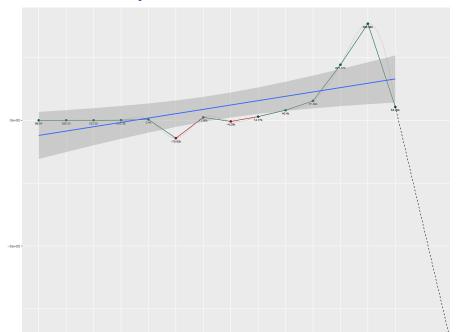
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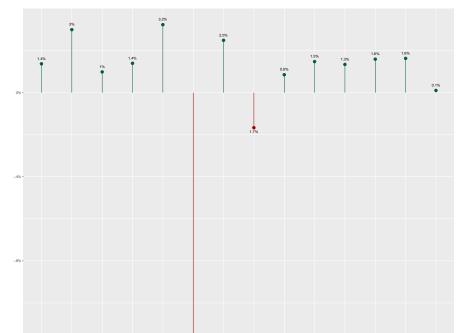
## Account \*7536 share



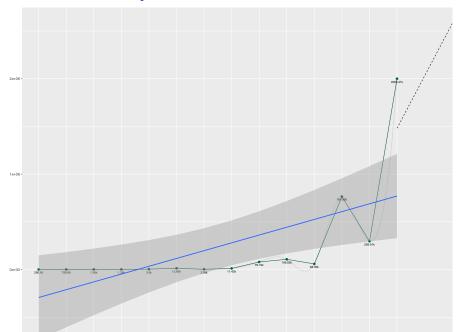
# Account \*3047 dynamics



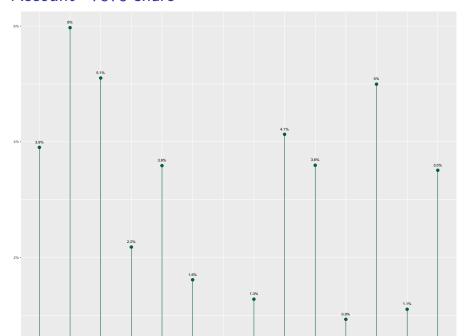
#### Account \*3047 share



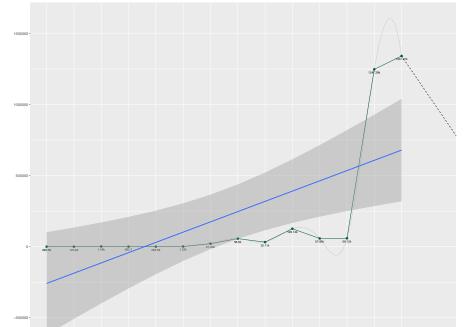
# Account \*7375 dynamics



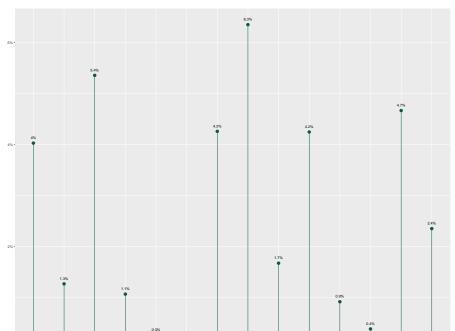
#### Account \*7375 share



# Account \*7010 dynamics

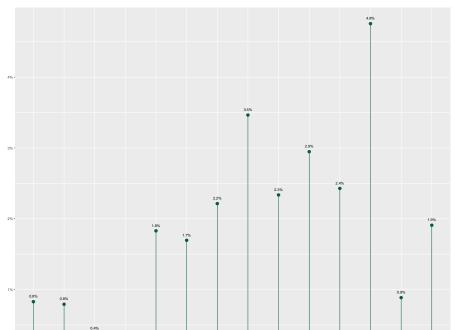


## Account \*7010 share

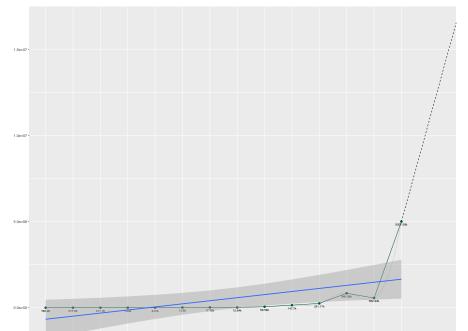


# Account \*1305 dynamics

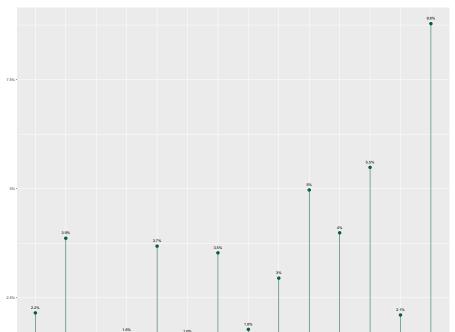
## Account \*1305 share



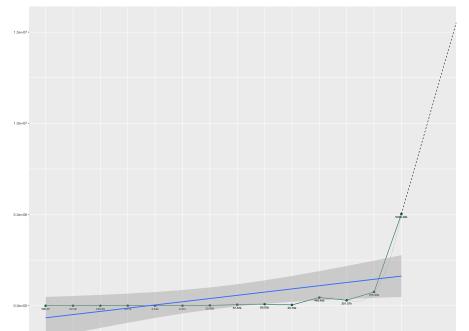
# Account \*5507 dynamics



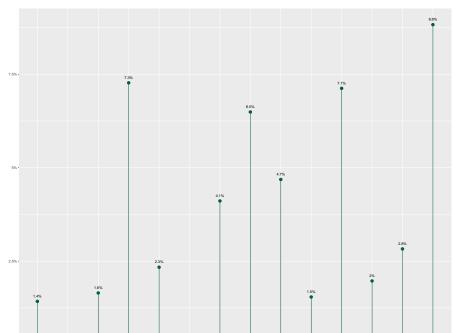
#### Account \*5507 share



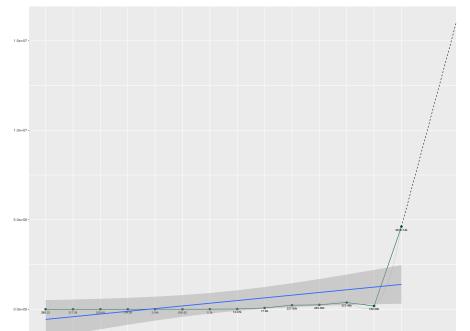
# Account \*3061 dynamics



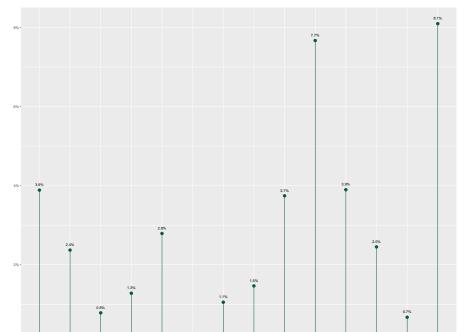
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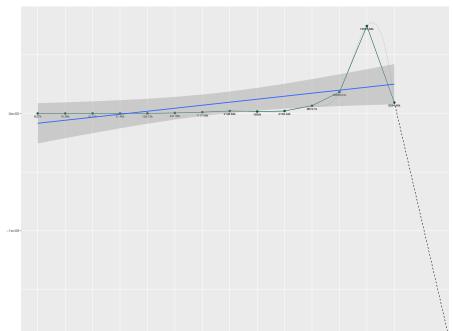
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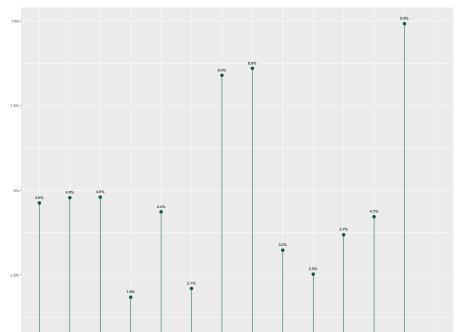
## Account \*9241 share



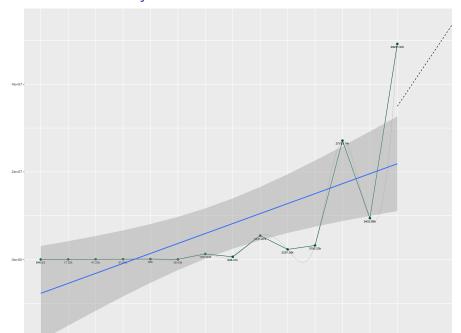
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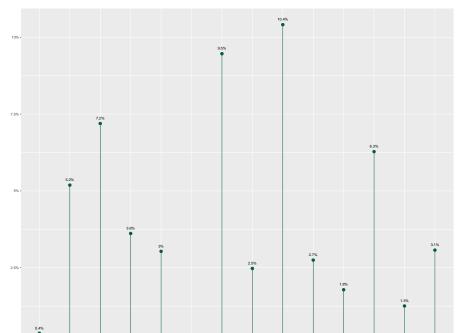
## Account \*9579 share



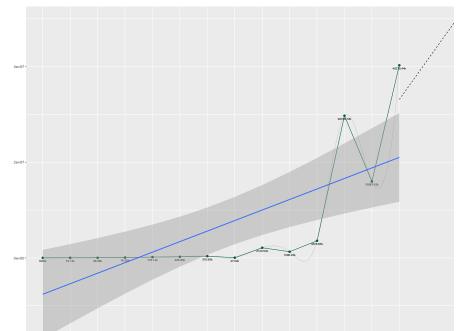
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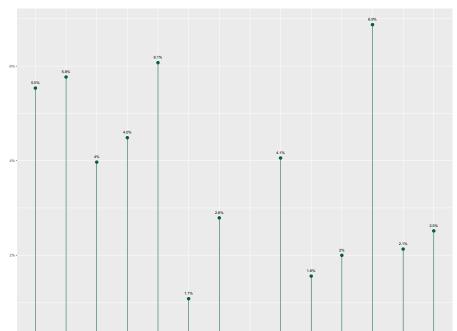
### Account \*6409 share



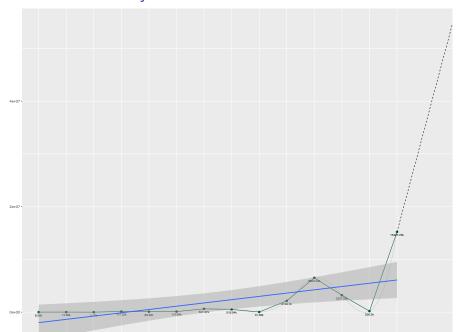
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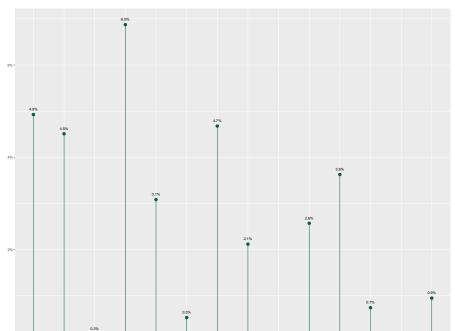
### Account \*7625 share



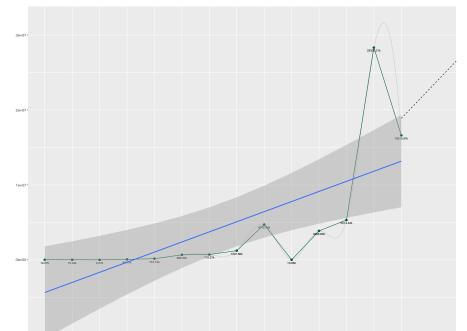
# Account \*2126 dynamics



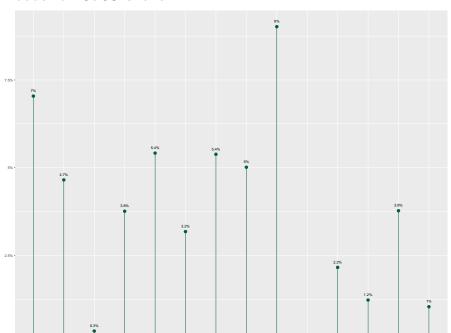
### Account \*2126 share



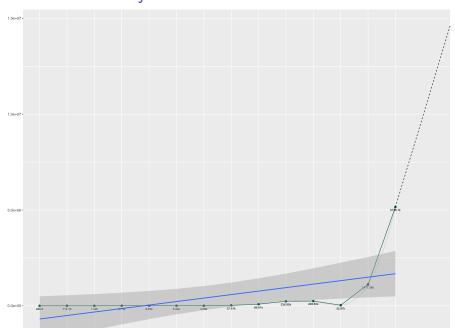
# Account \*8765 dynamics



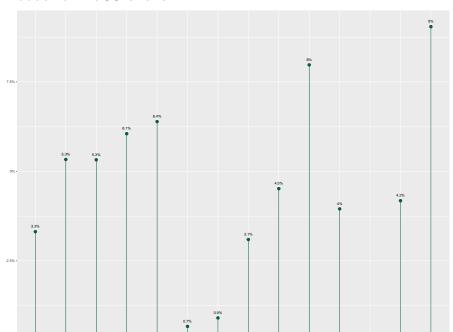
### Account \*8765 share



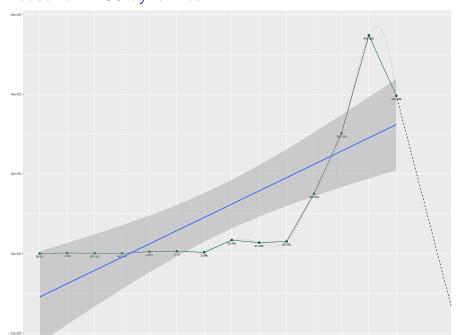
# Account \*1788 dynamics



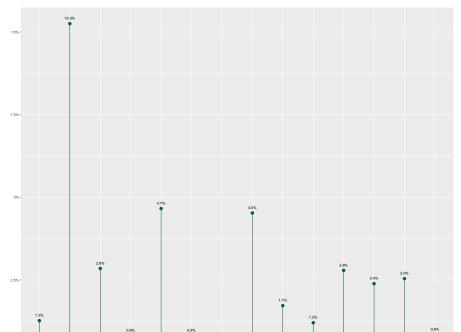
### Account \*1788 share



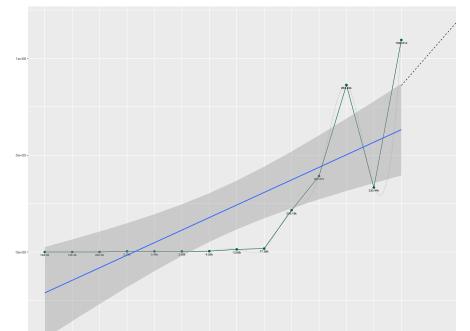
# Account \*1450 dynamics



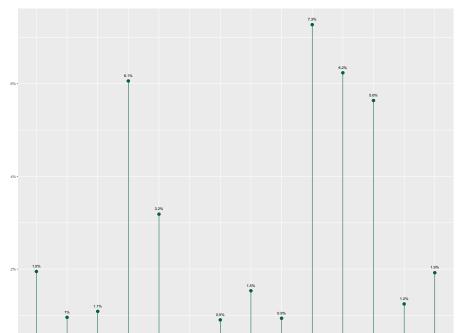
### Account \*1450 share



# Account \*8761 dynamics

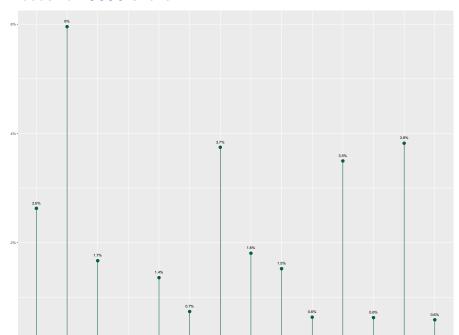


### Account \*8761 share

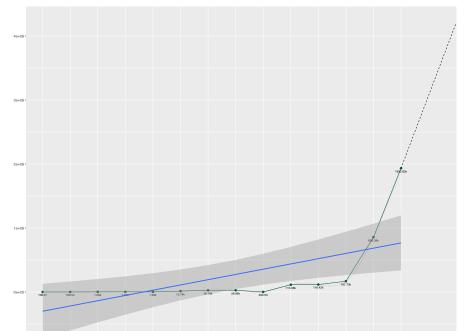


# Account \*5850 dynamics

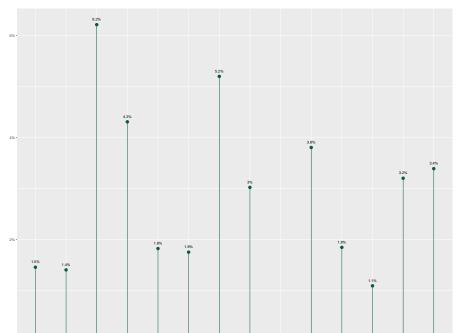
### Account \*5850 share



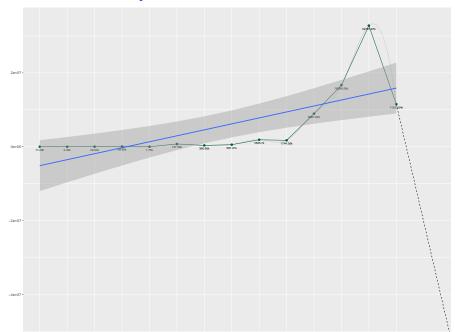
# Account \*2487 dynamics



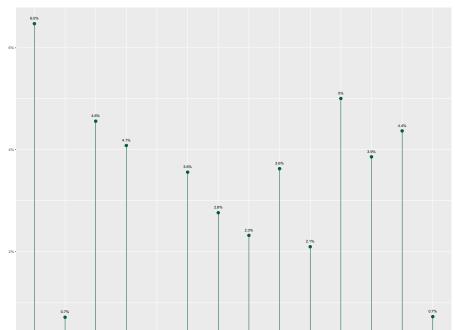
### Account \*2487 share



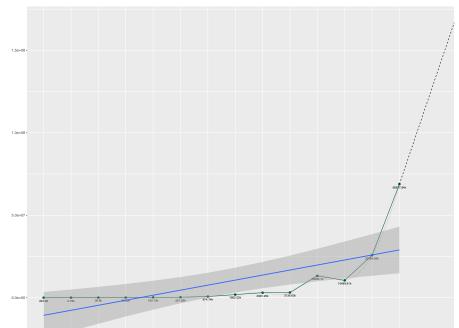
# Account \*1520 dynamics



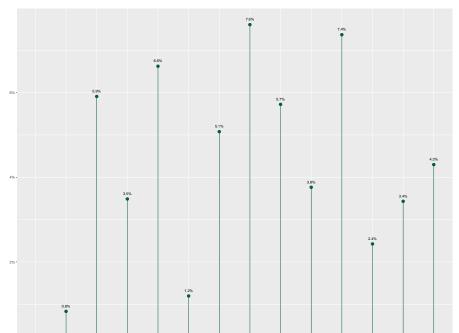
### Account \*1520 share



# Account \*8067 dynamics

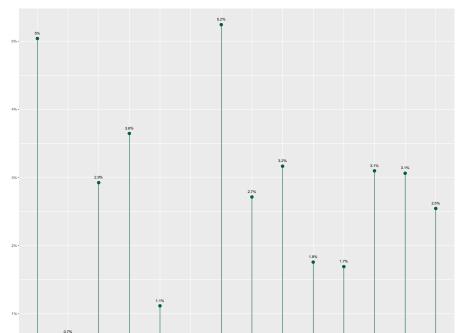


### Account \*8067 share



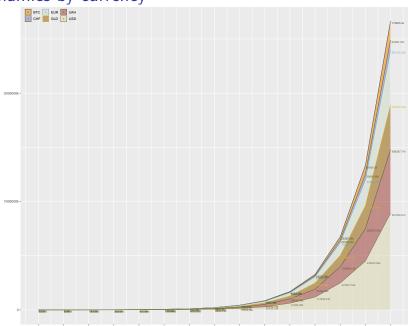
# Account \*8029 dynamics

### Account \*8029 share



# Holdings

Dynamics by currency



# Currency

	UAH	USD	EUR	CHF	GLD	BT
Nov 19	45000.00	2000.00	1000.00	200.00	0.50	0.
Dec 19	89107.93	3995.48	2015.51	368.18	0.97	0.
Jan 20	184782.01	7852.32	4336.99	738.06	1.85	0.
Feb 20	348868.32	17027.58	8911.89	1515.12	3.59	0.
Mar 20	670861.75	34186.65	18616.28	3075.19	7.44	0.
Apr 20	1369868.98	65137.76	35383.70	6355.13	15.90	0.
May 20	2719504.78	133700.10	64899.40	11191.46	30.94	0.
Jun 20	5856654.03	258688.45	124764.20	22122.94	67.41	1.
Jul 20	10963402.99	511005.15	246911.78	45657.58	140.14	3.
Aug 20	21498737.56	1032981.33	448244.97	88152.77	280.20	7.
Sep 20	39740789.30	2195222.80	918734.73	169446.73	503.84	14.
Oct 20	72452521.00	4144333.39	1732496.91	357433.39	1050.10	27.
Nov 20	149696131.19	8777244.40	3469251.56	789628.91	2064.63	52.
Dec 20	298975037.49	15997768.19	6886717.90	1573228.75	3955.28	99.
Jan 21	588287708.65	31714625.72	14695244.35	3079001.76	7849.55	188.



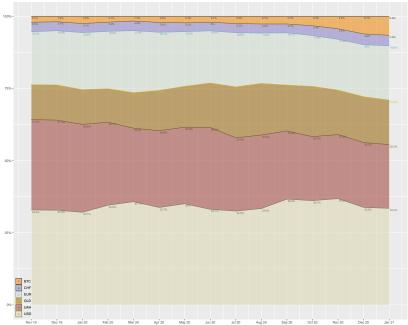
22.1%



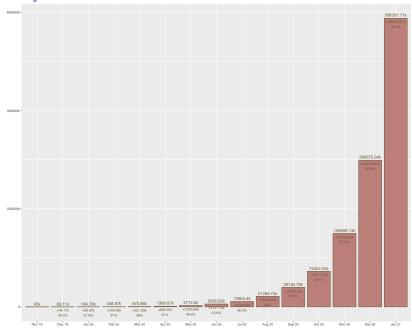
# Currency consolidation

-	Total	UAH	USD	EUR	CHF	GLD	ВТС
Nov 19	143743.36	45000.00	47270.18	26341.50	4725.37	17397.18	3009.14
Dec 19	285476.09	89107.93	93604.12	53632.66	8901.92	34765.69	5463.78
Jan 20	606747.50	184782.01	194557.21	119922.14	18974.84	73084.97	15426.32
Feb 20	1213455.86	348868.32	418896.76	241138.85	38640.24	140894.05	25017.65
Mar 20	2633007.99	670861.75	940851.54	565525.21	87984.81	324055.81	43728.88
Apr 20	5149586.17	1369868.98	1737132.90	1036774.23	175339.85	719517.75	110952.45
May 20	10248011.81	2719504.78	3588876.91	1939934.01	312706.41	1452061.83	234927.87
Jun 20	20651302.82	5856654.03	6832735.43	3731023.36	616872.22	3183894.94	430122.85
Jul 20	43192291.25	10963402.99	14033560.60	8104978.05	1371507.58	7624367.19	1094474.84
Aug 20	84392965.13	21498737.56	28165186.24	14715703.01	2658418.80	15086932.77	2267986.75
Sep 20	168202431.82	39740789.30	61583660.74	30446593.44	5160492.14	26747509.70	4523386.51
Oct 20	326624777.64	72452521.00	117948225.50	57562556.47	11081498.26	56806883.25	10773093.17
Nov 20	673964678.67	149696131.19	247957593.03	118506510.91	24556232.13	103860972.63	29387238.78
Dec 20	1330987099.28	298975037.49	449293960.12	239527623.89	50008991.07	211679991.17	81501495.54
Jan 21	2663899233.76	588287708.65	891066810.11	501137222.87	97045125.70	410537064.49	175825301.94

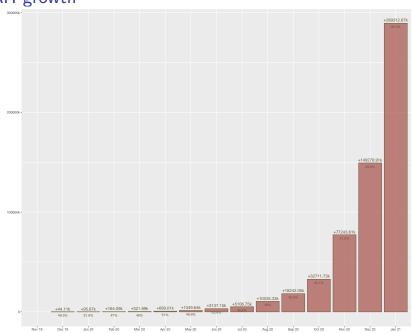
### Portfolio by currency



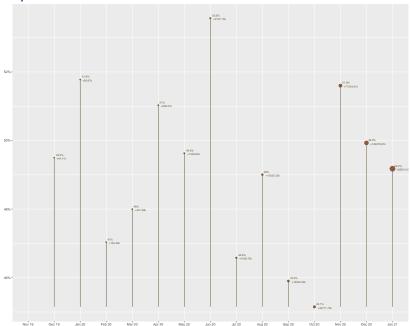
### **UAH** dynamics



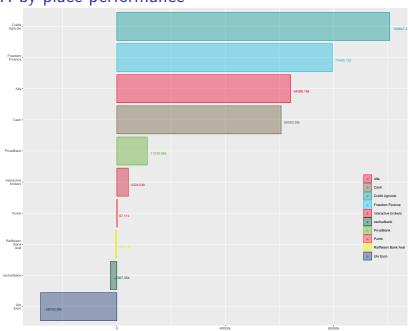
# UAH growth



### **UAH** performance



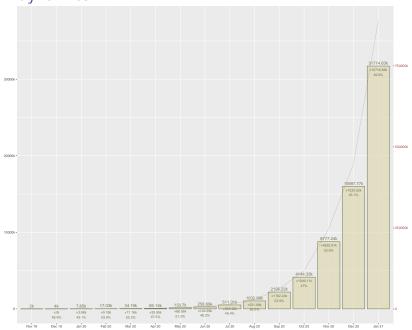
# UAH by place performance



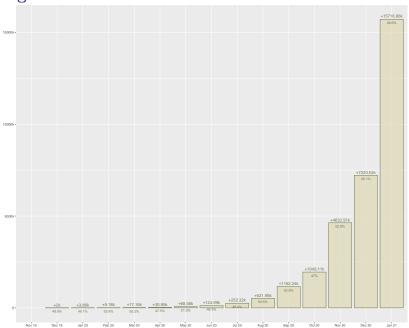
### UAH share by place

	PrivatBank	oschadbank	Raiffeisen Bank Aval	Crédit Agricole	Pumb	Ukr Exim	Alfa	Cash	Freedom Finance	Interactive broke
Nov 19	5323.90	3156.56	15116.80	7856.46	757.12	763.97	3386.73	2396.52	2296.93	3945.
Dec 19	8775.84	8098.04	21927.23	6793.87	1932.14	7437.22	8068.73	7815.69	8700.83	9558.
Jan 20	9502.51	3828.96	38634.13	41114.71	22921.44	23294.91	13687.71	22800.06	205.16	8792.
Feb 20	33738.18	20475.28	144086.57	42712.02	679.21	32457.34	7330.37	11388.92	13205.30	42795.
Mar 20	24953.22	18663.79	112003.68	67604.92	55735.02	39038.60	114112.25	82072.18	93686.15	62991.
Apr 20	62905.11	194979.35	348320.45	136193.94	170197.40	49830.19	67981.25	9162.47	93561.01	236737.
May 20	117438.44	345884.26	1043569.79	456578.61	186426.47	79762.81	250819.40	173285.85	63507.76	2231.
Jun 20	365689.15	646685.69	1857926.84	769862.67	494234.14	753008.47	705008.55	66374.00	144003.46	53861.
Jul 20	658515.62	1239558.61	2793436.60	874587.43	926049.94	659074.51	1347006.64	1322492.34	664126.55	478554.
Aug 20	2356780.57	142161.18	6450704.59	4280675.25	1492031.91	2208441.90	9399.25	2088461.52	1260420.03	1209661.
Sep 20	3602565.16	4047282.65	13191691.32	6462304.20	3963076.77	2353650.36	1449220.88	2075528.63	250895.51	2344573.
Oct 20	204469.63	365068.36	32727192.24	11706031.24	77527.85	1745250.05	8290777.43	1226470.21	4889490.01	11220243.
Nov 20	25374415.01	8844725.92	47619553.48	9213875.93	5415818.59	7425687.46	15939130.39	1357009.97	19662322.14	8843592.
Dec 20	4936406.43	25173873.55	105357539.02	46246997.51	21018970.27	32544700.68	9577443.90	17592052.48	5930527.82	30596525.
Jan 21	16166681.80	22806520.35	104826435.41	146894265.88	21116082.30	4389419.90	73665608.75	78185974.77	85415648.90	34821070.

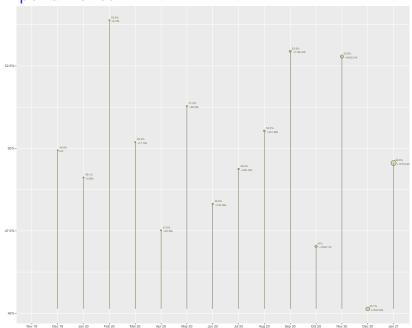
### **USD** dynamics



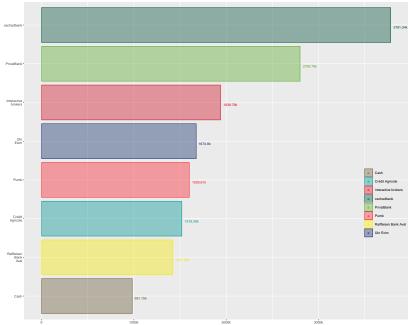
### USD growth



# USD performance



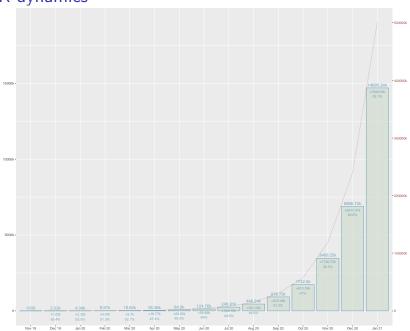
## USD by place performance



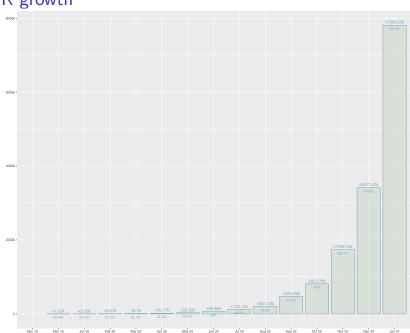
### USD share by place

	PrivatBank	oschadbank	Raiffeisen Bank Aval	Crédit Agricole	Pumb	Ukr Exim	Cash	Interactive brokers
Nov 19	249.96	638.94	481.78	139.96	265.41	10.01	12.13	201.81
Dec 19	102.65	906.14	889.01	391.51	696.22	163.20	395.45	451.30
Jan 20	693.21	890.01	2210.33	188.99	2405.68	440.56	775.94	247.60
Feb 20	674.19	6711.70	3463.56	988.69	3405.22	84.60	997.21	702.41
Mar 20	785.65	10681.12	4304.56	3447.75	7265.34	2064.79	3096.21	2541.24
Apr 20	3880.27	25543.57	10177.37	1563.38	13640.54	3283.87	964.57	6084.19
May 20	11521.78	28443.72	29436.52	4841.93	42727.13	12639.67	2041.02	2048.33
Jun 20	24047.99	92621.67	40048.25	6737.62	43052.04	27477.61	16412.92	8290.33
Jul 20	47086.57	118217.25	104117.01	28397.15	71065.31	50364.06	45875.44	45882.36
Aug 20	101848.98	207702.19	243627.90	100364.84	251640.84	1766.19	90747.04	35283.35
Sep 20	271973.08	464466.83	519833.30	98183.69	443154.32	249900.49	140126.40	7584.68
Oct 20	403921.68	907650.88	1233418.01	200526.85	685081.99	272418.84	97025.92	344289.21
Nov 20	899718.13	1936321.20	1574163.30	1082193.76	1267304.21	697687.60	798663.73	521192.47
Dec 20	817971.35	4299064.24	2861587.04	1270722.55	4531709.41	584857.75	1259259.41	372596.44
Jan 21	3617765.63	8080107.59	4283279.10	2790070.77	6131316.59	2259658.26	2241045.05	2311382.73

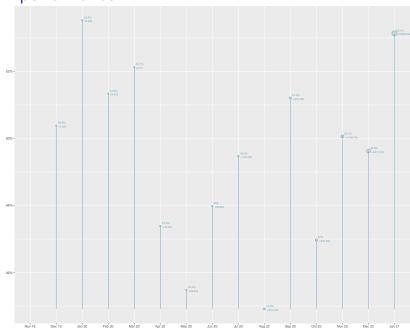
**EUR** dynamics



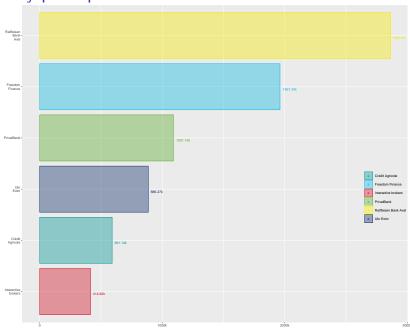
EUR growth



# EUR performance



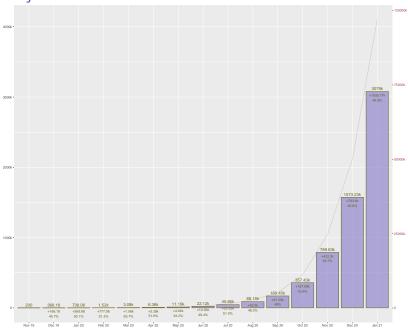
## EUR by place performance



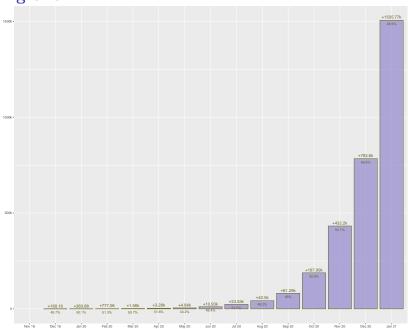
### EUR share by place

	PrivatBank	Raiffeisen Bank Aval	Crédit Agricole	Ukr Exim	Freedom Finance	Interactive brokers
Nov 19	328.76	146.50	152.92	266.60	87.53	17.68
Dec 19	278.70	386.14	404.27	531.38	244.08	170.94
Jan 20	1180.35	889.70	898.03	801.99	26.72	540.20
Feb 20	2877.12	2878.53	1937.00	93.07	934.03	192.15
Mar 20	4342.38	2725.56	3264.66	3484.38	3705.85	1093.44
Apr 20	8320.78	6749.88	7223.75	4826.60	918.11	7344.58
May 20	10412.91	20052.54	6898.03	11071.82	5442.98	11021.13
Jun 20	36752.85	35392.17	12522.86	19846.09	8900.49	11349.73
Jul 20	31184.55	47091.28	58583.58	5979.75	54644.64	49427.97
Aug 20	192287.64	42144.81	12444.96	436.19	157930.82	43000.56
Sep 20	201493.91	203352.10	65649.50	178259.08	149574.37	120405.78
Oct 20	926040.38	146467.28	271934.55	81656.99	203856.27	102541.45
Nov 20	773385.37	1077001.06	676915.67	738217.94	113204.08	90527.43
Dec 20	1619183.44	1371254.95	1800035.77	603779.11	810469.99	681994.63
Jan 21	2710325.88	4235052.34	2391179.36	1490051.81	2771821.60	1096813.36

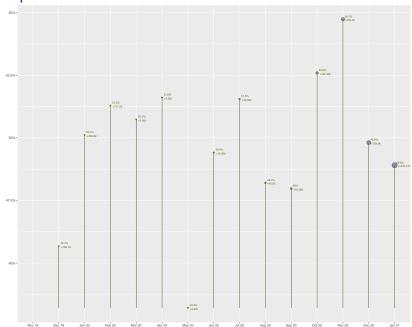
### CHF dynamics



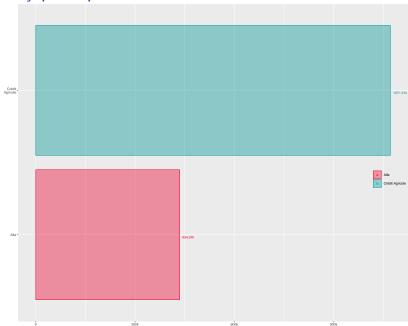
## CHF growth



# CHF performance



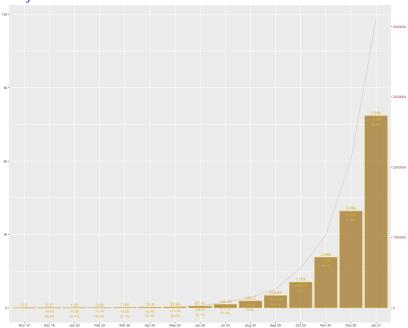
## CHF by place performance



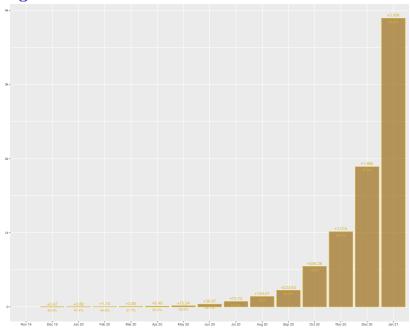
### CHF share by place

	Crédit Agricole	Alfa
Nov 19	1.19	198.81
Dec 19	306.82	61.36
Jan 20	261.02	477.04
Feb 20	1165.83	349.29
Mar 20	300.25	2774.94
Apr 20	5648.67	706.46
May 20	4379.25	6812.21
Jun 20	7098.42	15024.53
Jul 20	34268.05	11389.53
Aug 20	39214.80	48937.97
Sep 20	89699.43	79747.30
Oct 20	245553.65	111879.74
Nov 20	326154.28	463474.63
Dec 20	660671.71	912557.04
Jan 21	1731879.28	1347122.48

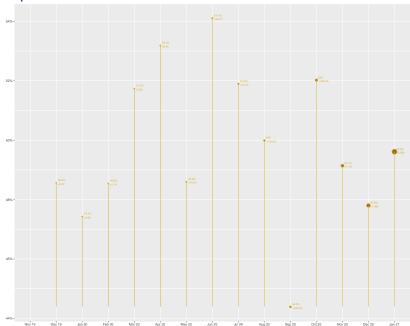
## **GLD** dynamics



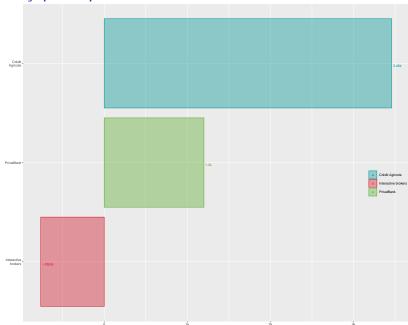
### GLD growth



## **GLD** performance



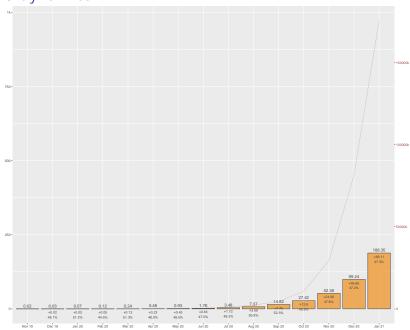
## GLD by place performance



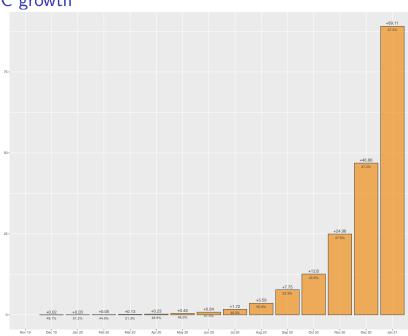
### GLD share by place

	PrivatBank	Crédit Agricole	Interactive brokers
Nov 19	0.25	0.15	0.10
Dec 19	0.37	0.40	0.20
Jan 20	0.80	0.79	0.26
Feb 20	1.18	0.96	1.45
Mar 20	1.99	4.11	1.34
Apr 20	2.98	7.67	5.25
May 20	4.13	17.86	8.95
Jun 20	14.32	29.74	23.35
Jul 20	19.63	44.08	76.43
Aug 20	57.15	198.73	24.32
Sep 20	155.06	166.05	182.74
Oct 20	262.60	205.03	582.47
Nov 20	943.31	1086.32	35.00
Dec 20	1425.03	336.20	2194.05
Jan 21	2625.35	3793.94	1430.26

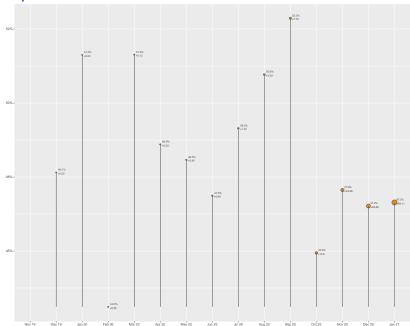
### BTC dynamics



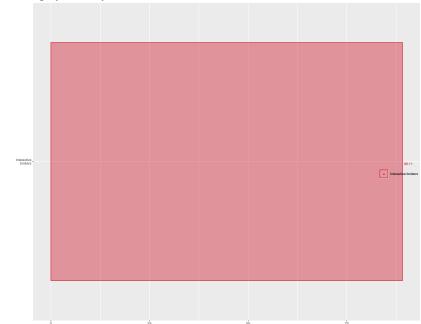
BTC growth



## BTC performance



## BTC by place performance

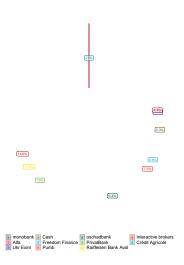


### BTC share by place

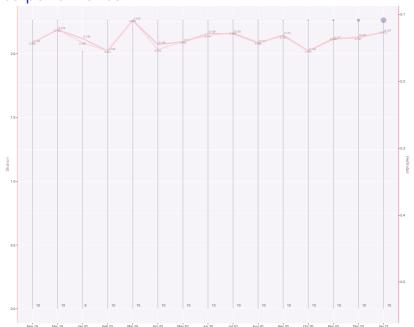
	Interactive brokers
Nov 19	0.02
Dec 19	0.03
Jan 20	0.07
Feb 20	0.12
Mar 20	0.24
Apr 20	0.48
May 20	0.93
Jun 20	1.76
Jul 20	3.48
Aug 20	7.07
Sep 20	14.82
Oct 20	27.42
Nov 20	52.38
Dec 20	99.24
Jan 21	188.35

#### Place diversification

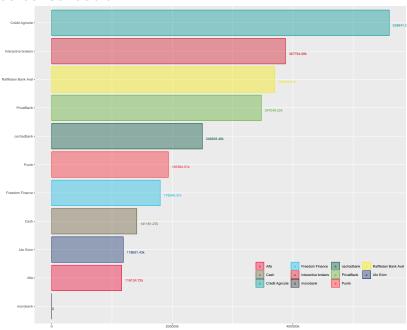
	Total	Herfindail	Shanon	No
Nov 19	143.74k	0.14	2.085	10
Dec 19	285.48k	0.12	2.188	10
Jan 20	606.75k	0.14	2.086	9
Feb 20	1213.46k	0.15	2.021	10
Mar 20	2633.01k	0.11	2.262	10
Apr 20	5149.59k	0.14	2.032	10
May 20	10248.01k	0.14	2.095	10
Jun 20	20651.3k	0.13	2.141	10
Jul 20	43192.29k	0.13	2.164	10
Aug 20	84392.97k	0.14	2.088	10
Sep 20	168202.43k	0.13	2.135	10
Oct 20	326624.78k	0.15	2.023	10
Nov 20	673964.68k	0.14	2.122	10
Dec 20	1330987.1k	0.13	2.121	10
Jan 21	2663899.23k	0.13	2.173	10



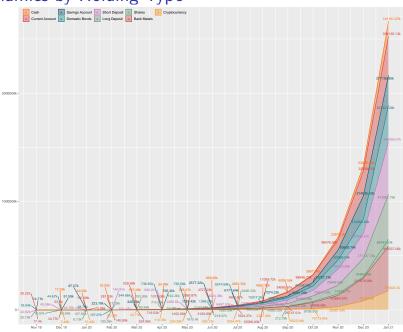
Place performance



#### Place consolidation



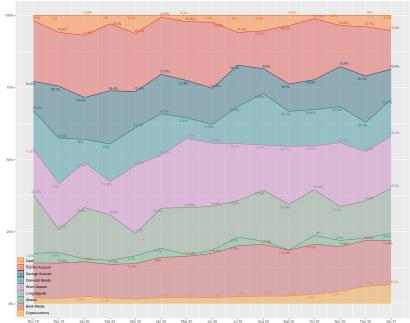
## Dynamics by Holding Type



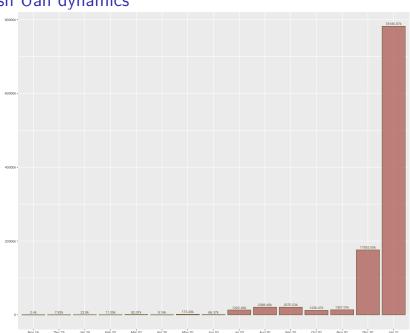
## UAH Dynamics by Holding Type

	Cash	Current Account	Savings Account	Domestic Bonds	Short Deposit	Long Deposit	Shares	Bank Metals	Cryptocurrency
Nov 19	2683.21	30221.70	14714.59	18937.33	22824.84	29185.59	4769.78	17397.18	3009.14
Dec 19	17080.15	53098.12	51593.06	44665.03	45556.59	22680.77	10572.89	34765.69	5463.78
Jan 20	42025.54	131055.26	87566.05	48787.45	94760.17	107906.94	6134.79	73084.97	15426.32
Feb 20	35921.32	281526.32	223785.52	157966.66	140805.13	190259.17	17280.04	140894.05	25017.65
Mar 20	167283.16	528693.67	329287.59	344655.73	621472.94	203892.76	69937.45	324055.81	43728.88
Apr 20	34886.18	1019078.77	705445.68	736654.46	946210.72	714583.32	162256.84	719517.75	110952.45
May 20	228072.38	2089869.26	1326416.83	730679.10	2455599.96	1675401.82	54982.75	1452061.83	234927.87
Jun 20	499888.34	4727032.28	2577320.41	1346050.55	4524375.74	3143645.23	218972.49	3183894.94	430122.85
Jul 20	2582353.87	4900666.48	6171635.48	5574680.91	8497531.80	5486528.96	1260051.71	7624367.19	1094474.84
Aug 20	4562762.93	11089721.13	7274222.16	15017304.55	13271669.00	14860332.92	962032.91	15086932.77	2267986.75
Sep 20	6006563.12	34065607.83	15931089.84	20402327.73	33790884.00	26522286.27	212776.81	26747509.70	4523386.51
Oct 20	3987839.48	68946720.65	33727729.74	41208921.56	49534684.18	51840393.32	9798512.29	56806883.25	10773093.17
Nov 20	23919300.34	96076581.67	93628784.19	83988043.48	149330979.57	79049064.77	14723713.24	103860972.63	29387238.78
Dec 20	52958088.68	227006696.77	214035333.96	134364829.73	227848610.88	171127759.85	10464292.72	211679991.17	81501495.54
Jan 21	141151272.81	358135126.92	277150849.88	337421283.22	485455008.12	413281792.73	64941533.66	410537064.49	175825301.94

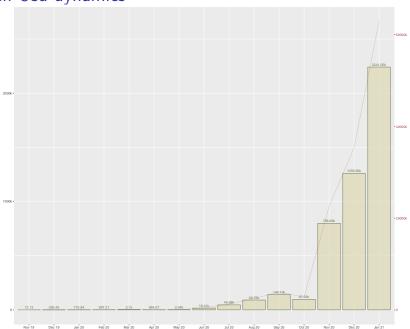
## Portfolio by Holding Type



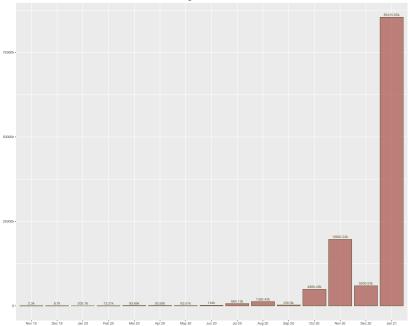
Cash Uah dynamics



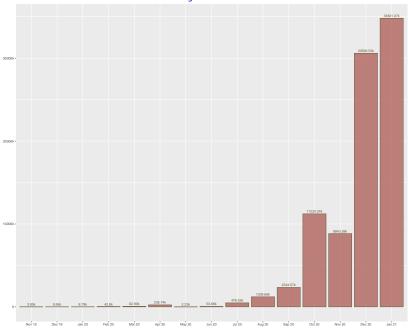
Cash Usd dynamics



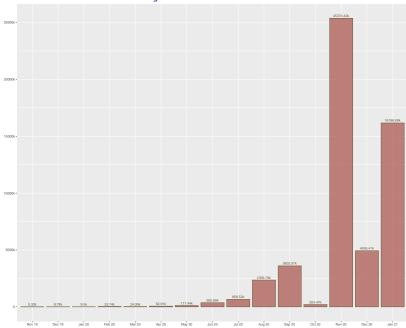
FreeFina DomeBond Uah dynamics



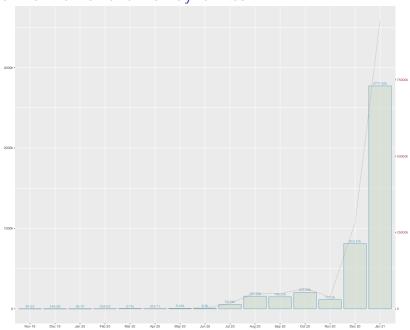
### InteBrok DomeBond Uah dynamics



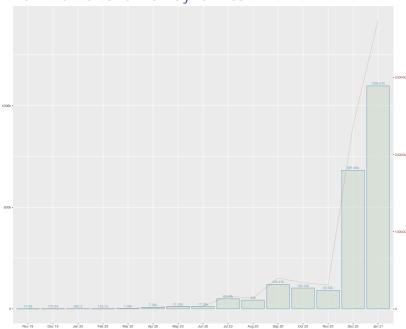
### Priv DomeBond Uah dynamics



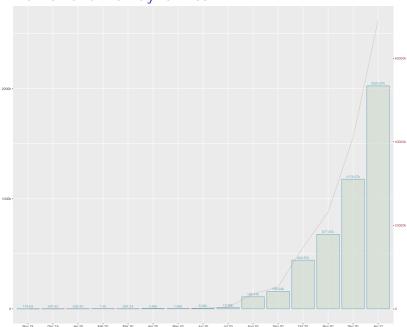
FreeFina DomeBond Eur dynamics



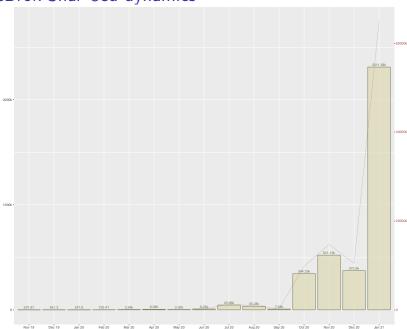
InteBrok DomeBond Eur dynamics



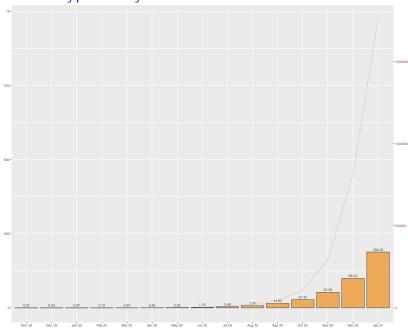
Priv DomeBond Eur dynamics



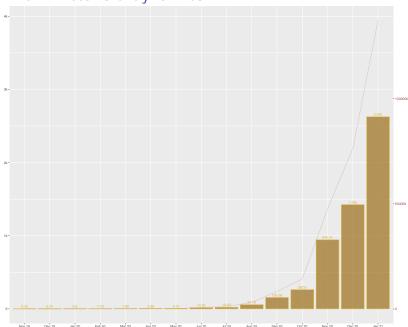
InteBrok Shar Usd dynamics



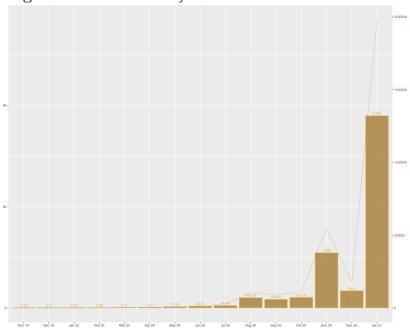
InteBrok Cryp Btc dynamics



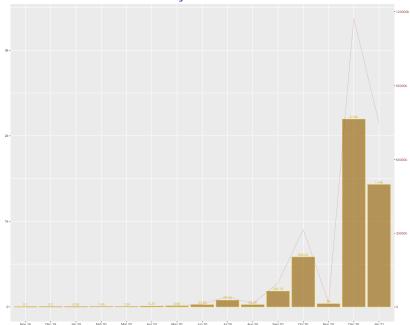
Priv BankMeta Gld dynamics



#### CrédAgri BankMeta Gld dynamics



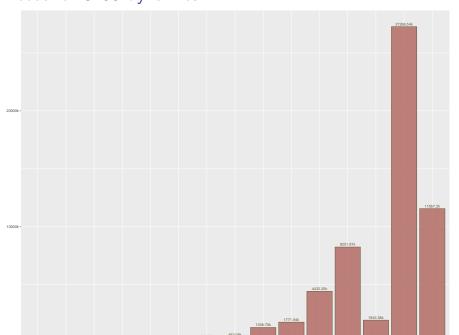
#### InteBrok BankMeta Gld dynamics



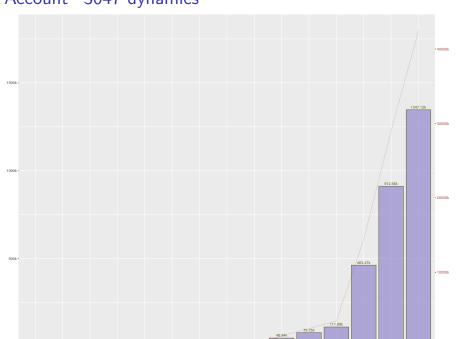
# Account \*8364 dynamics 2000k -1500k -660.67k 500k -

# Account \*7536 dynamics 3000k -2000k -1000k -

## Account \*5299 dynamics

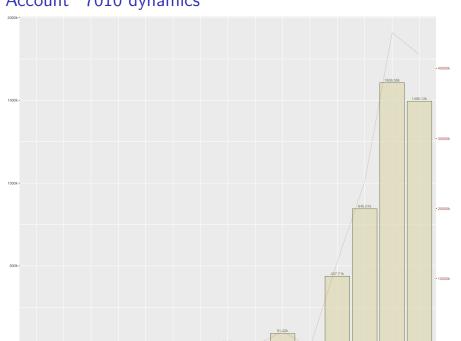


## Account \*3047 dynamics



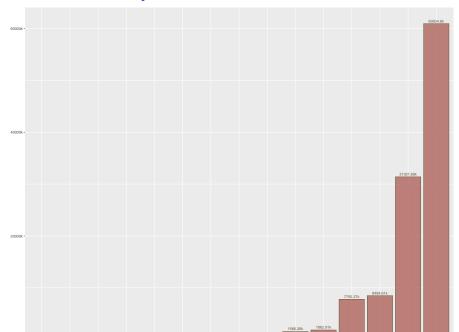
# Account \*7375 dynamics 2000k -1500k -1000k -

## Account \*7010 dynamics

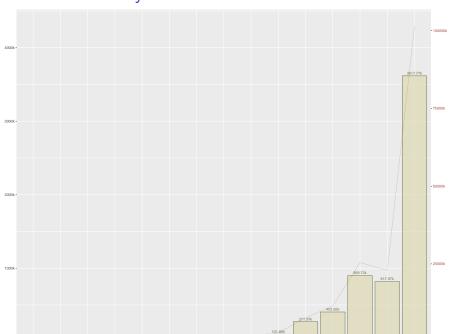


# Account \*1305 dynamics -40000k 1000k

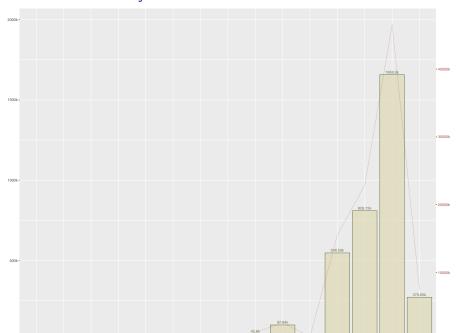
## Account \*9977 dynamics



## Account \*5507 dynamics

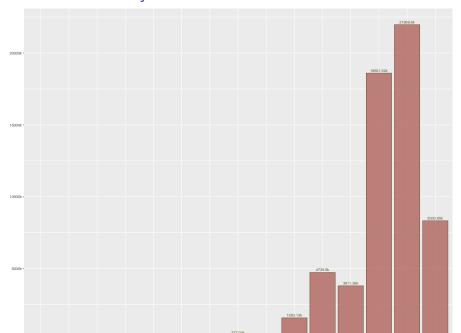


## Account \*3061 dynamics



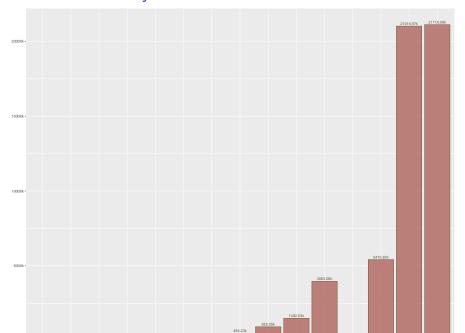
# Account \*9241 dynamics 3000k -- 40000k 1082,19k 1000k -

## Account \*9579 dynamics

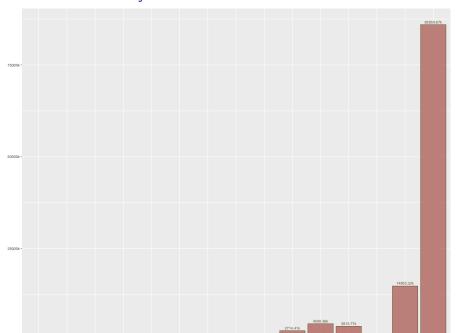


## Account \*6574 dynamics 30000k -23783.06k 20212.75k 20000k 11126 5k 10000k -

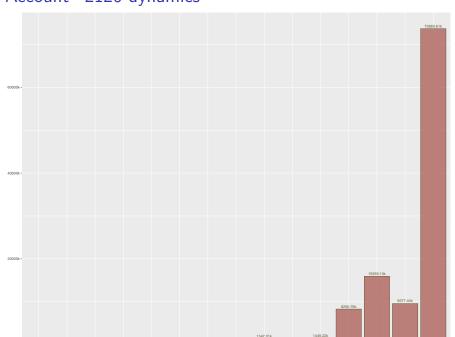
## Account \*6409 dynamics



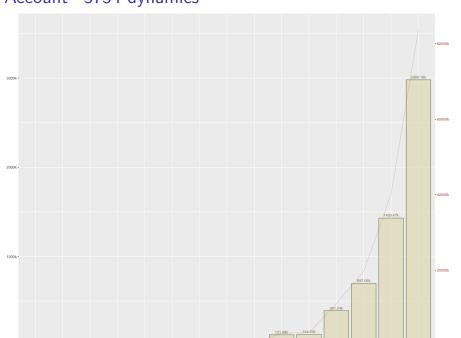
## Account \*7625 dynamics



## Account \*2126 dynamics



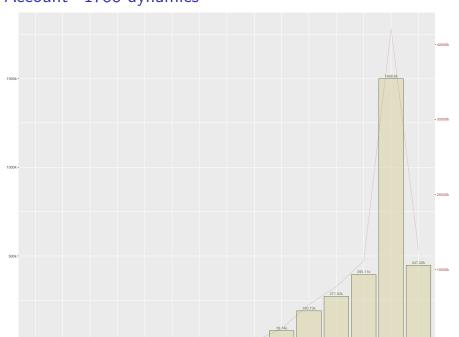
## Account \*3754 dynamics



## Account \*8765 dynamics 30000k -20000k = 10000k = 4389.42k 2208.44k

## Account \*1745 dynamics -75000k 3000k -2000k -- 25000k 1000k -

## Account \*1788 dynamics

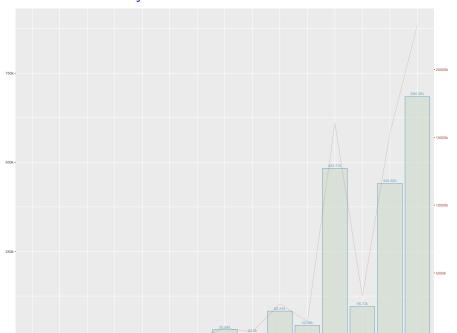


## Account \*2645 dynamics - 50000k 1500k -1000k -- 20000k 500k --10000k

# Account \*5148 dynamics 282,44k

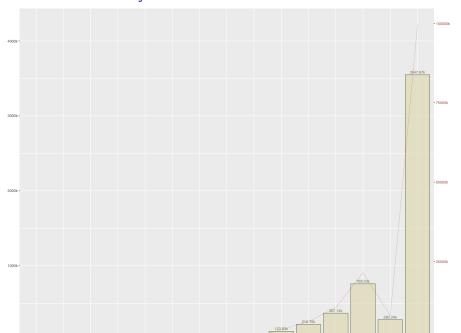
## Account \*1450 dynamics 2000k -1500k -1000k 500k -43.34k

## Account \*2382 dynamics



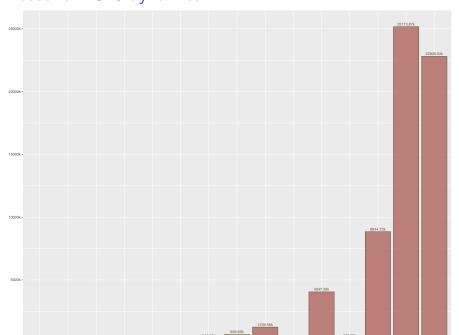
# Account \*8761 dynamics 3000k -2703.88k - 20000k 175.15k

## Account \*5850 dynamics

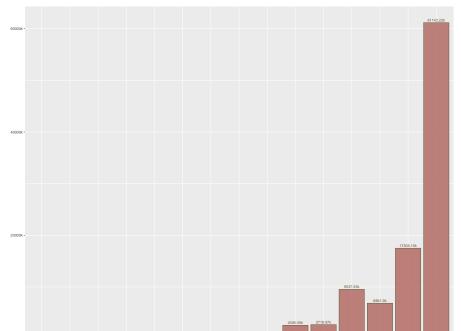


## Account \*2487 dynamics 1500k -1394.82k 877.92k 500k --10000k

## Account \*1520 dynamics



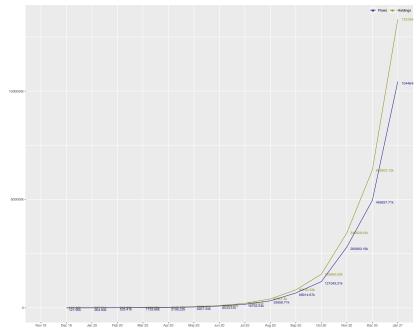
## Account \*8067 dynamics



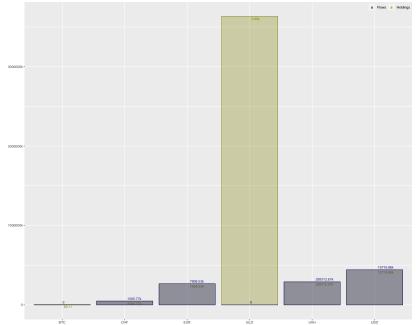
# Account \*8029 dynamics 3000k --50000k 1000k -- 25000k

#### **Errors**

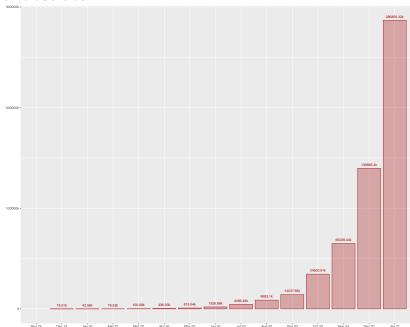
#### Profit calculations



#### Profit by currency



#### Error absolute



#### Error relative

