## **Overview**

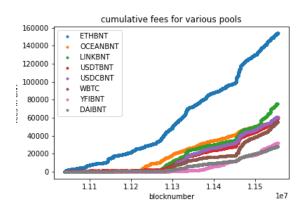
Item	Value
Last Block	11554897 [30-Dec-2020 10:45:05] etherscan
First Block	11039642 [12-Oct-2020 08:19:07] etherscan
Period	515255 blocks [79 days, 2:25:58, 0.2y]
Block Time	13.3s / 15.4 days per 0.01e-7
Number TX Gross	76.4k (352.74725965482054)
Number TX Net (multileg)	51.0k (235.1279251101567)
Total TX Volume Gross	BNT 298.6m (1378.0m pa)
Total TX Volume Net (multileg)	BNT 193.5m (893.0m pa)
Total Fees	BNT 0.60m (2.8m pa)
Total IL	BNT 1.43m (3.1m pa scaled)
Effective Fees	0.20%
IL Coverage Ratio	0.4x(0.9x)
Number LQ	4164
Final Liquidity Contribution (halfpool)	BNT 44.6m
Final Balance (halfpool)	BNT 47.5m
Final Liquidity Contribution	BNT 89.2m
Final Balance	BNT 95.1m
TX/FLC Turnover	6.7x (30.9x pa)
IL/FLC Ratio	3.21% (14.81% pa)
Fees/FLC Ratio	1.34% (6.20% pa)
TX/FB Turnover	6.3x (29.0x pa)
IL/FB Ratio	3.01% (13.89% pa)
Fees/FB Ratio	1.26% (5.81% pa)
ignored pools	['BALBNT', 'BUSDBNT', 'COMPBNT', 'CROBNT', 'CRVBNT', 'GUSDBNT', 'ZRXBNT', 'RARIBNT', 'sBTCBNT', 'sUSDBNT', 'SUSHIBNT', 'BNTSWRV', 'SXPBNT', 'TOMOEBNT', 'UNIBNT', 'UMABNT', 'QNTBNT']

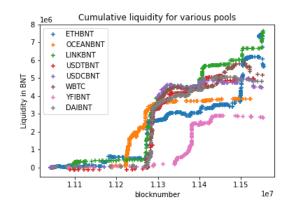
**Inluded Pools.** ANTBNT, BATBNT, BNBBNT, DAIBNT, ELFBNT, ENJBNT, ETHBNT, GNOBNT, JRTBNT, KNCBNT, MANABNT, MKRBNT, NMRBNT, OMGBNT,

renZECBNT, renBTCBNT, RPLBNT, USDTBNT, XDCEBNT, CHERRYBNT, MLNBNT, TRBBNT, CELBNT, DXDBNT, EWTBBNT, LRCBNT, RSRBNT, STAKEBNT, USDCBNT, RENBNT, ALEPHBNT, FTTBNT, SRMBNT, MTABNT, LINKBNT, YFIBNT, OCEANBNT, MATICBNT, WBTC, wNXMBNT, AAVEBNT, BANDBNT, BZRXBNT, SNXBNT

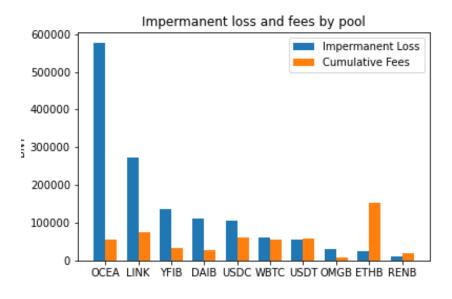
**Excluded Pools.** BALBNT, BUSDBNT, COMPBNT, CROBNT, CRVBNT, GUSDBNT, ZRXBNT, RARIBNT, sBTCBNT, sUSDBNT, SUSHIBNT, BNTSWRV, SXPBNT, TOMOEBNT, UNIBNT, UMABNT, QNTBNT

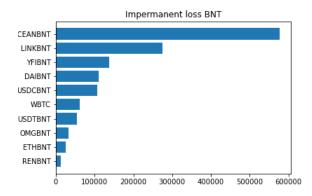
## Fees and liquidity

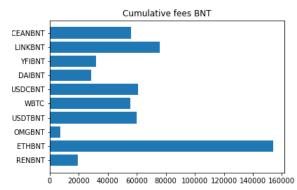




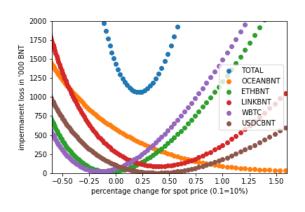
## Impermanent loss and fees

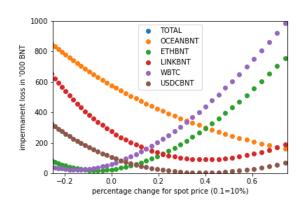


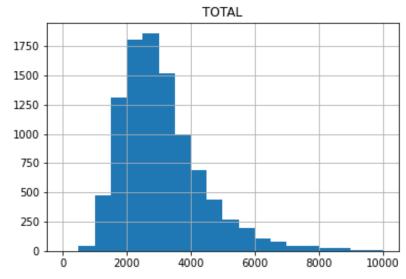




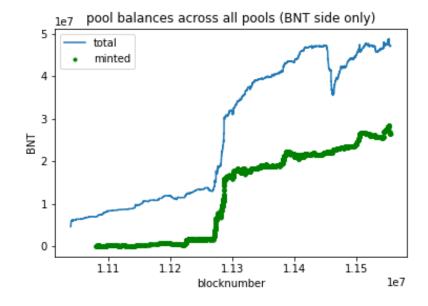
## Sensitivities and risk

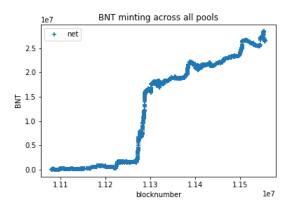


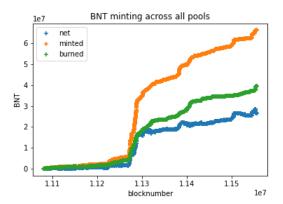




## Minting





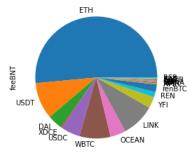


## **Transactions**

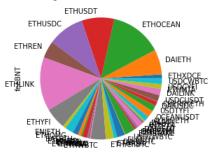
## transactions fees BNT (100%=0.56mBNT)



fees of 1-leg transactions (100%=0.15mBNT)



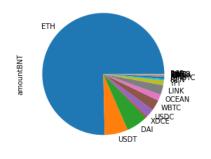
fees of 2-leg transactions (100%=0.41mBNT)



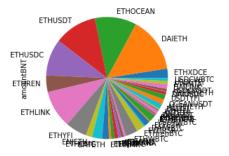
gross transaction amount (100%=193.5mBNT)



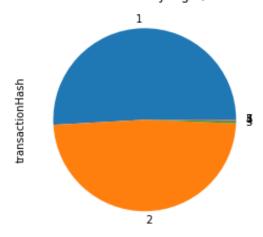
gross BNT amount of 1-leg transactions (100%=102.6mBNT)



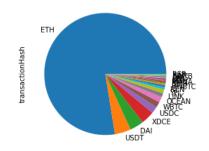
gross BNT amount of 2-leg transactions (100%=175.1mBNT)



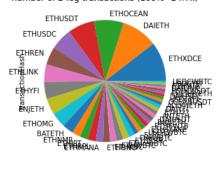
## number of transactions by legs (100%=51.0k)



number of 1-leg transactions (100%=25.9k)



number of 2-leg transactions (100%=24.7k)

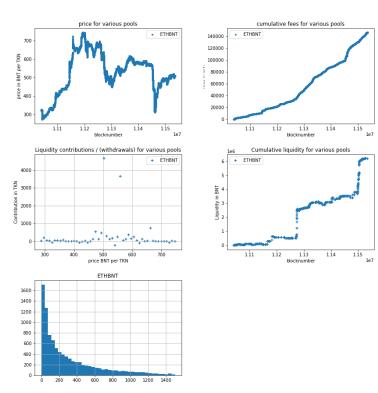


## **Pool profiles**

## **ETHBNT**

Pool	ETHBNT
Number TX	40866
Total TX Voliume	153.8 mBNT
Total Fees	154.0 kBNT
Total IL	24.6 kBNT
Effective Fees	0.10 %
IL Coverage Ratio	6.26 x
Number LQ	678
Final Liquidity Contribution (halfpool)	5.6 mBNT
Final Balance (halfpool)	11.8 mBNT
Final Liquidity Contribution (pool)	11.3 mBNT

Final Balance (pool)	23.6 mBNT
TX/FLC Turnover	27.3 x
IL/FLC Ratio	0.44 %
Fees/FLC Ratio	2.74 %
TX/FB Turnover	13.1 x
IL/FB Ratio	0.21 %
Fees/FB Ratio	1.31 %



## 

1.12 1.13 blocknumber

1.11

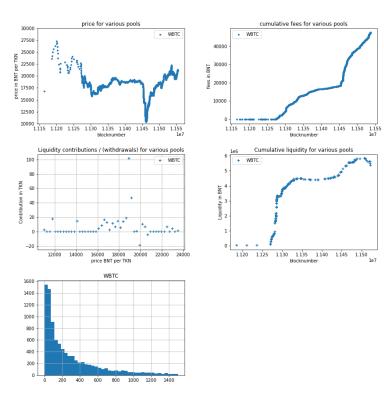
1.15 le7

1.14

## **WBTC**

Pool	WBTC
Number TX	1717
Total TX Voliume	12.6 mBNT
Total Fees	55.6 kBNT
Total IL	60.6 kBNT
Effective Fees	0.44 %
IL Coverage Ratio	0.92 x
Number LQ	232
Final Liquidity Contribution (halfpool)	5.2 mBNT
Final Balance (halfpool)	5.6 mBNT
Final Liquidity Contribution (pool)	10.3 mBNT

Final Balance (pool)	11.2 mBNT
TX/FLC Turnover	2.4 x
IL/FLC Ratio	1.17 %
Fees/FLC Ratio	1.08 %
TX/FB Turnover	2.3 x
IL/FB Ratio	1.08 %
Fees/FB Ratio	0.99 %



## | West |

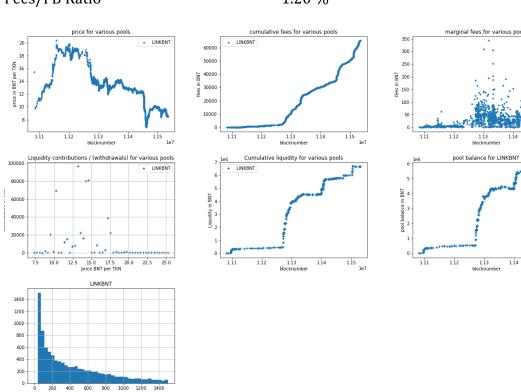
1120 1125 1130 1135 1140 1145 1150 blocknumber le7

marginal fees for various pools

## **LINKBNT**

Pool	LINKBNT
Number TX	1762
Total TX Voliume	14.3 mBNT
Total Fees	76.0 kBNT
Total IL	274.3 kBNT
Effective Fees	0.53 %
IL Coverage Ratio	0.28 x
Number LQ	588
Final Liquidity Contribution (halfpool)	7.6 mBNT
Final Balance (halfpool)	6.3 mBNT
Final Liquidity Contribution (pool)	15.3 mBNT

Final Balance (pool)	12.6 mBNT
TX/FLC Turnover	1.9 x
IL/FLC Ratio	3.60 %
Fees/FLC Ratio	1.00 %
TX/FB Turnover	2.3 x
IL/FB Ratio	4.34 %
Fees/FB Ratio	1.20 %



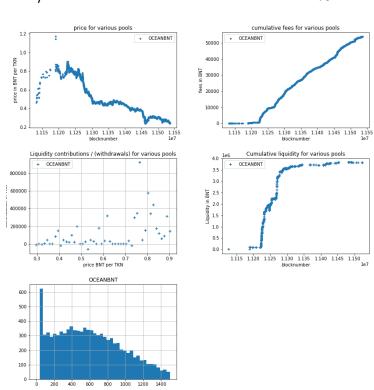
1.13 blocknumber

1.14

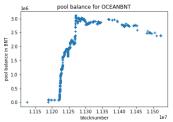
## **OCEANBNT**

Pool	OCEANBNT
Number TX	2469
Total TX Voliume	12.5 mBNT
Total Fees	55.8 kBNT
Total IL	576.9 kBNT
Effective Fees	0.45 %
IL Coverage Ratio	0.10 x
Number LQ	598
Final Liquidity Contribution (halfpool)	3.8 mBNT
Final Balance (halfpool)	2.4 mBNT
Final Liquidity Contribution (pool)	7.6 mBNT

Final Balance (pool)	4.8 mBNT
TX/FLC Turnover	3.3 x
IL/FLC Ratio	15.11 %
Fees/FLC Ratio	1.46 %
TX/FB Turnover	5.3 x
IL/FB Ratio	24.29 %
Fees/FB Ratio	2.35 %



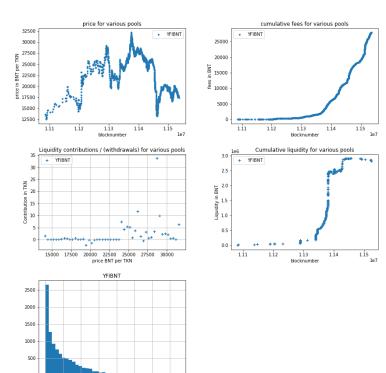
## marginal fees for various pools OCEANBNT OCEANBNT 100 1115 1120 1125 1130 1135 1140 1145 1150 1155 106 pool balance for OCEANBNT



## **YFIBNT**

Pool	YFIBNT
Number TX	1888
Total TX Voliume	9.2 mBNT
Total Fees	32.1 kBNT
Total IL	136.7 kBNT
Effective Fees	0.35 %
IL Coverage Ratio	0.23 x
Number LQ	256
Final Liquidity Contribution (halfpool)	2.8 mBNT
Final Balance (halfpool)	2.2 mBNT
Final Liquidity Contribution (pool)	5.5 mBNT

Final Balance (pool)	4.4 mBNT
TX/FLC Turnover	3.3 x
IL/FLC Ratio	4.93 %
Fees/FLC Ratio	1.16 %
TX/FB Turnover	4.2 x
IL/FB Ratio	6.27 %
Fees/FB Ratio	1.47 %

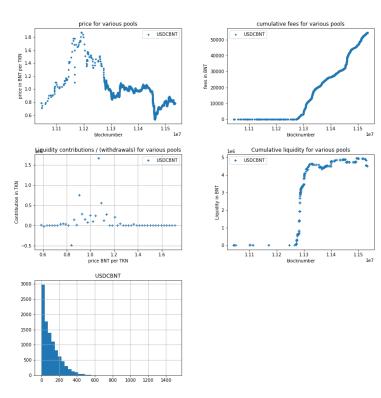


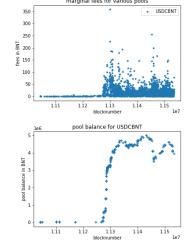
## 150 | 50 | 50 | 50 | 111 | 112 | 113 | 114 | 115 | 127 | 128 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129

## **USDCBNT**

USDCBNT
2874
18.0 mBNT
60.9 kBNT
106.0 kBNT
0.34 %
0.57 x
283
4.5 mBNT
3.8 mBNT
9.0 mBNT

Final Balance (pool)	7.7 mBNT
TX/FLC Turnover	4.0 x
IL/FLC Ratio	2.37 %
Fees/FLC Ratio	1.36 %
TX/FB Turnover	4.7 x
IL/FB Ratio	2.77 %
Fees/FB Ratio	1.59 %

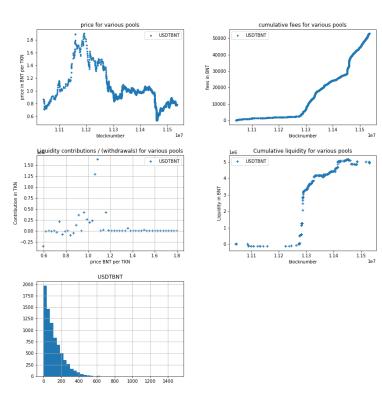




## **USDTBNT**

USDTBNT
4202
26.1 mBNT
59.7 kBNT
55.0 kBNT
0.23 %
1.09 x
289
4.9 mBNT
4.5 mBNT
9.8 mBNT

Final Balance (pool)	9.1 mBNT
TX/FLC Turnover	5.3 x
IL/FLC Ratio	1.12 %
Fees/FLC Ratio	1.22 %
TX/FB Turnover	5.8 x
IL/FB Ratio	1.21 %
Fees/FB Ratio	1.32 %



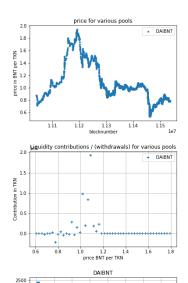
# 500 100 111 112 113 114 115 127 128 129 120 111 112 113 114 115 127

marginal fees for various pools

## **DAIBNT**

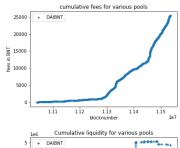
DAIBNT
4724
28.3 mBNT
28.3 kBNT
110.4 kBNT
0.10 %
0.26 x
241
4.8 mBNT
4.2 mBNT
9.6 mBNT

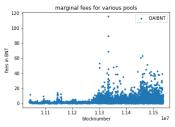
Final Balance (pool)	8.5 mBNT
TX/FLC Turnover	5.9 x
IL/FLC Ratio	2.30 %
Fees/FLC Ratio	0.59 %
TX/FB Turnover	6.7 x
IL/FB Ratio	2.60 %
Fees/FB Ratio	0.67 %

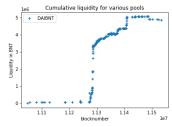


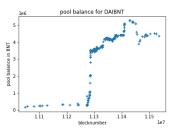
200 400 600 800 1000 1200 1400

1500 · 1000 ·



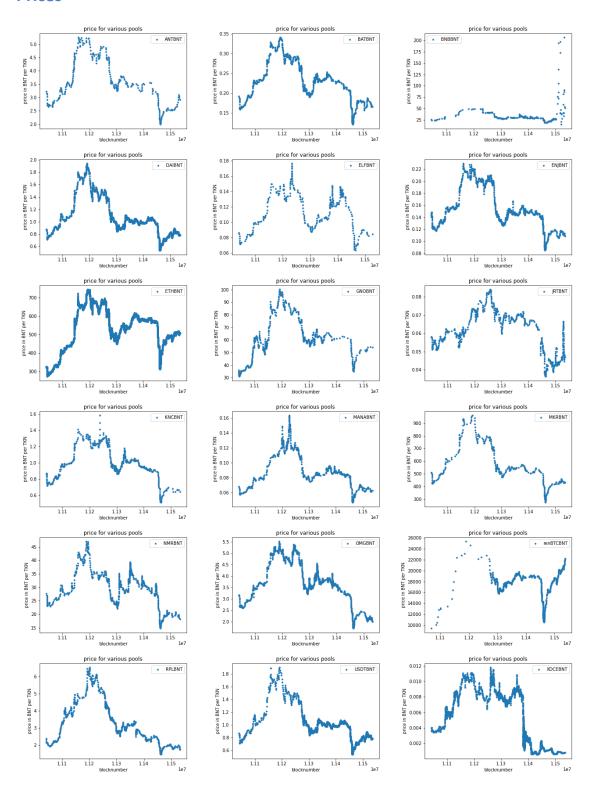


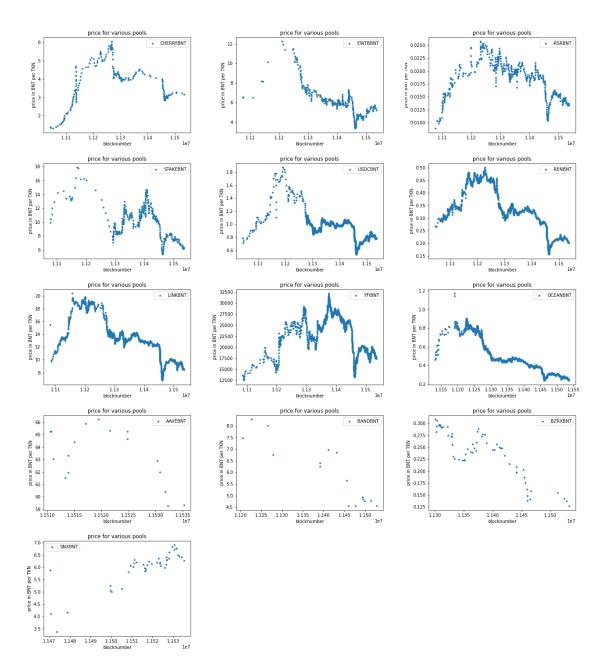




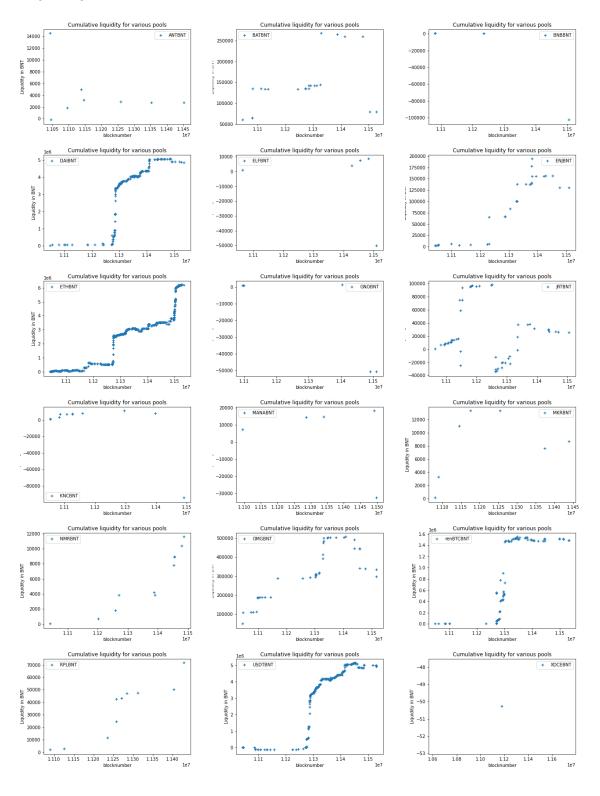
## **Details**

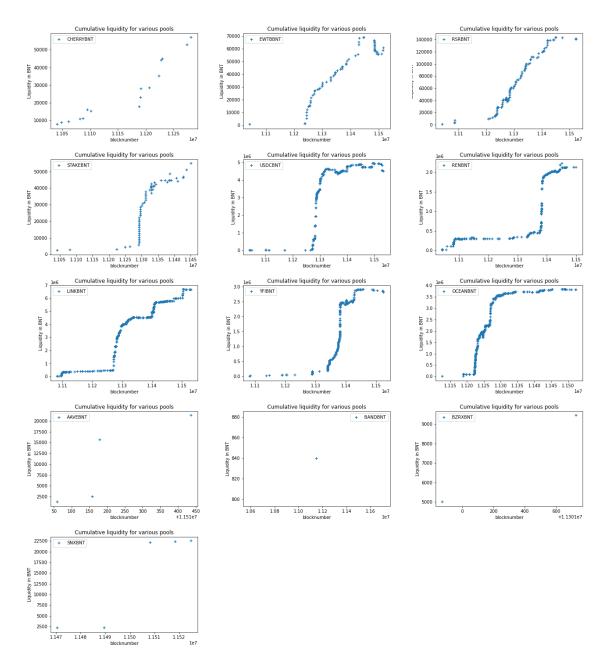
## **Prices**



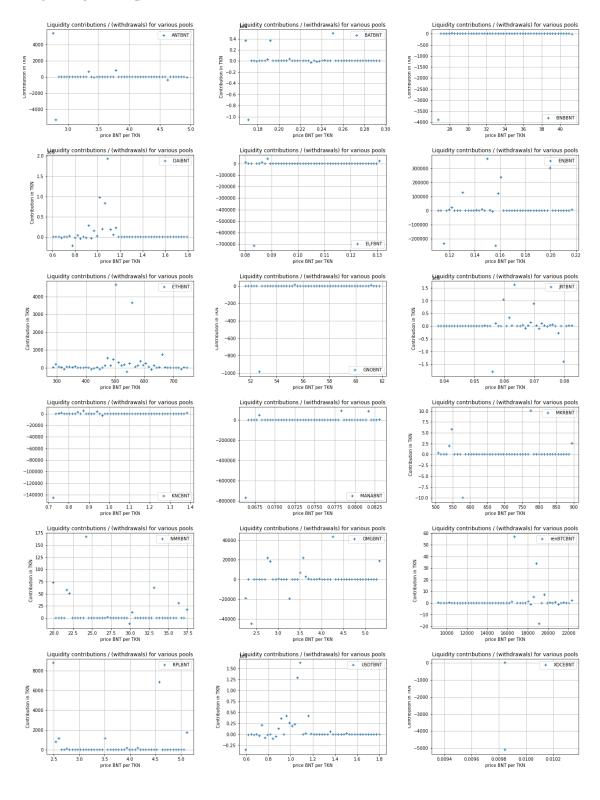


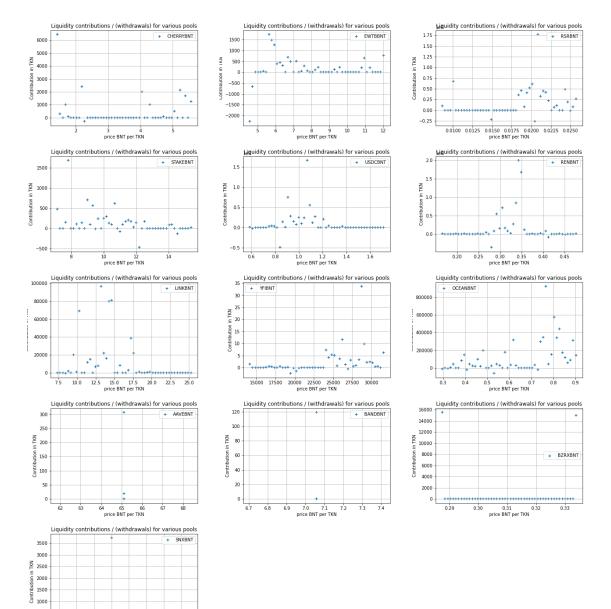
## Liquidity





## **Liquidity histograms**





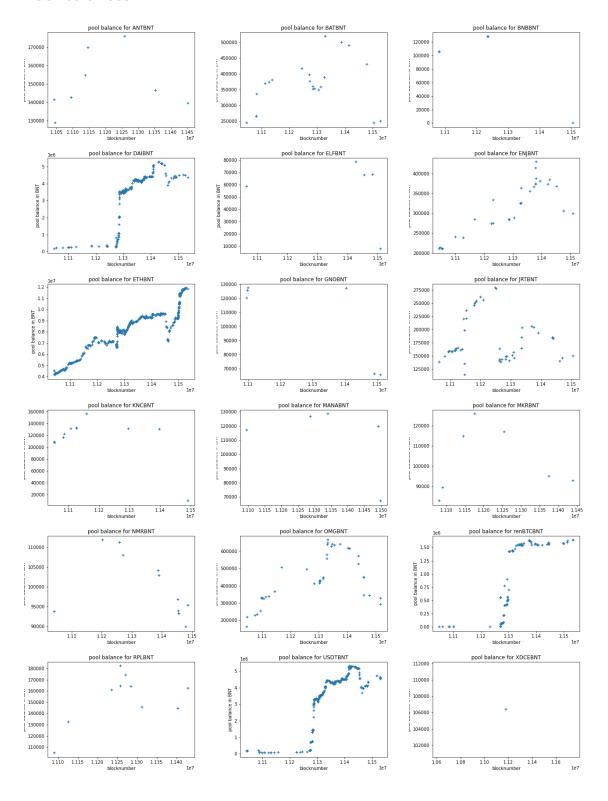
500

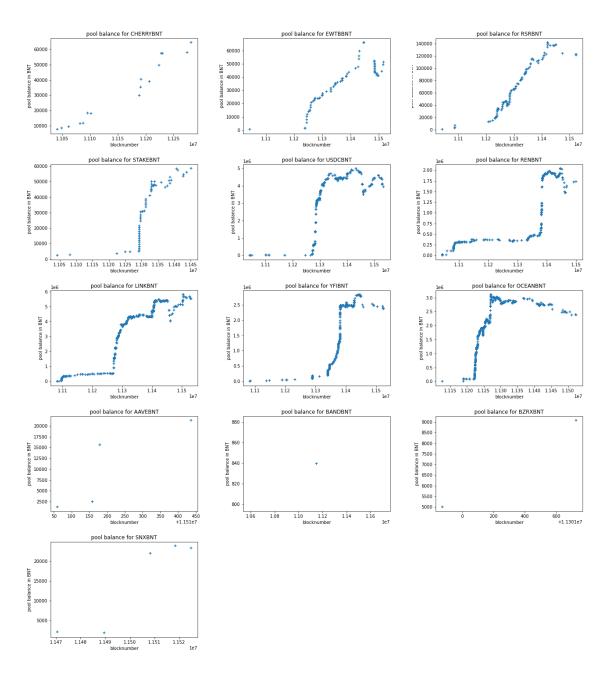
4.8 5.0 5.2

5.4 5.6 5.8 price BNT per TKN

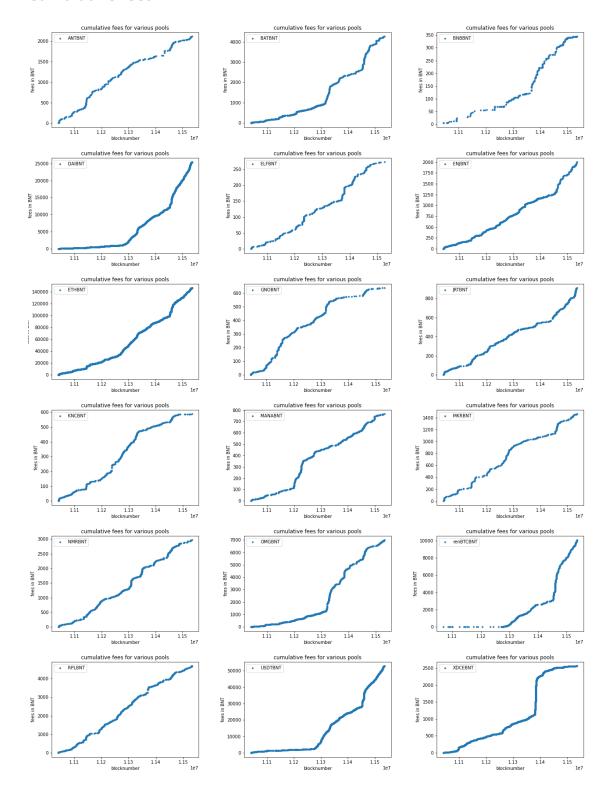
6.0

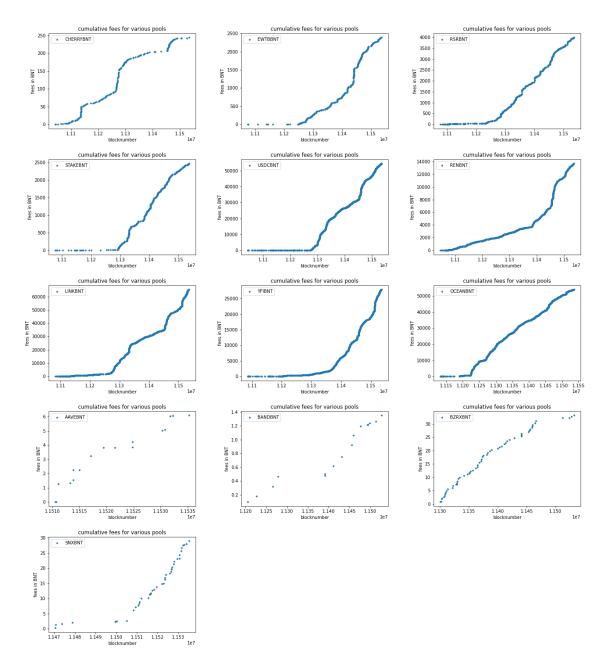
## **Pool balances**





## **Cumulative fees**





## **Marginal fees**

