# Cantina Royale Report

# **Species distribution**

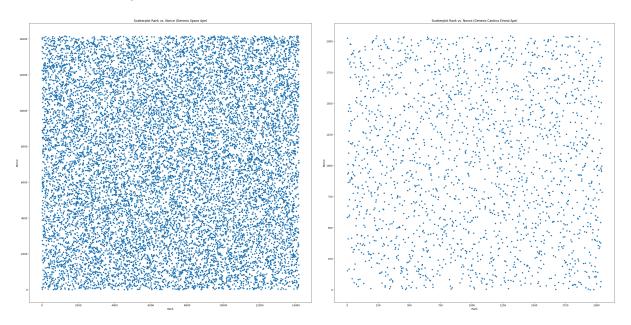
Number of NFTs for each specie percentage is over total number of NFTs (16209)

Species	Number of NFT	Percentage
Genesis Space Ape	14166	87.395891
Genesis Cantina Elrond Ape	2043	12.604109

## Scatterplot Rank vs. Nonce

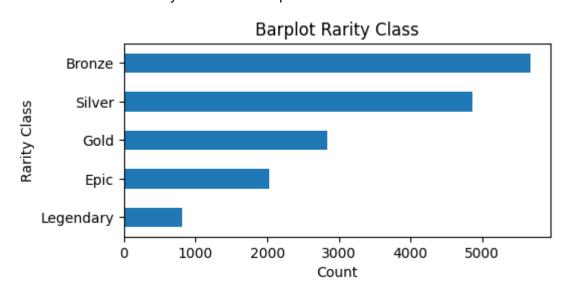
Genesis Space Ape on left, Genesis Cantina Elrond Ape on right

Those scatterplots prove the uniform distribution of rarity over the mint order. This means that no matter the moment of the mint, you have the same possibility to obtain a rare NFT from the remaining.



# **Barplot Rarity Class**

number of NFT for each rarity no matter the species of the NFTs



# **Barplot Head**

for each species we plot the distribution of the head types

Barplot Head (Genesis Space Ape)

Default

Barplot Head (Genesis Space Ape)

Default

Barplot Head (Genesis Cantina Elrond Ape)

Default

Augmented

750

1000 Count 1250

1500

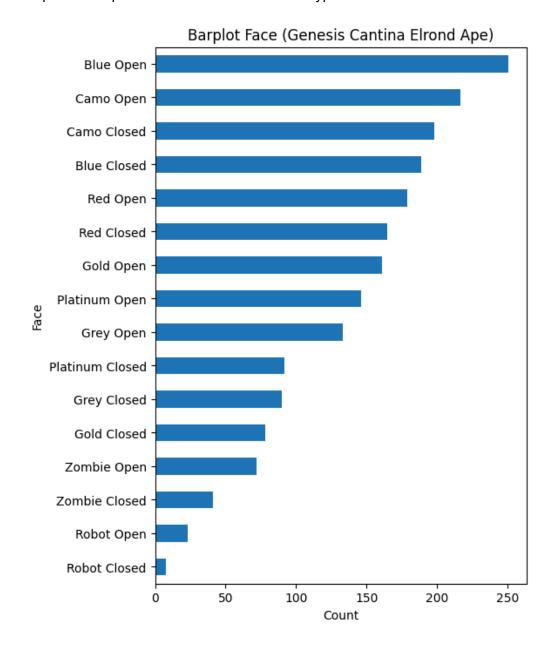
1750

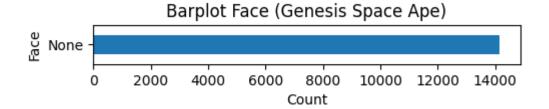
# **Barplot Face**

for each species we plot the distribution of the face types

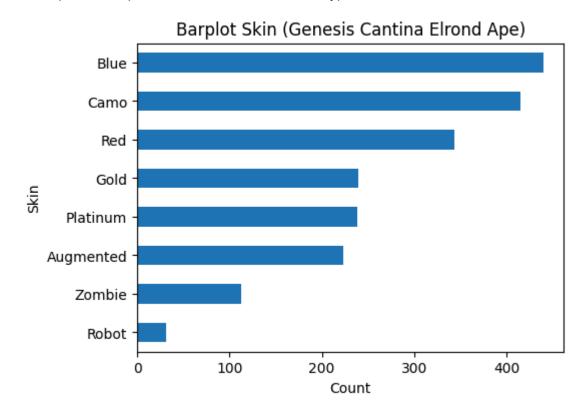
250

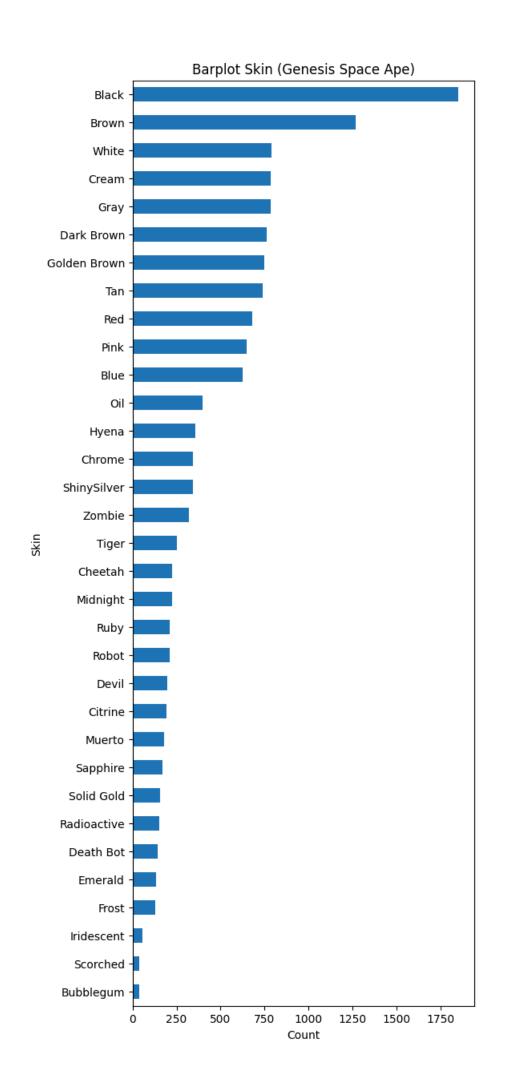
500





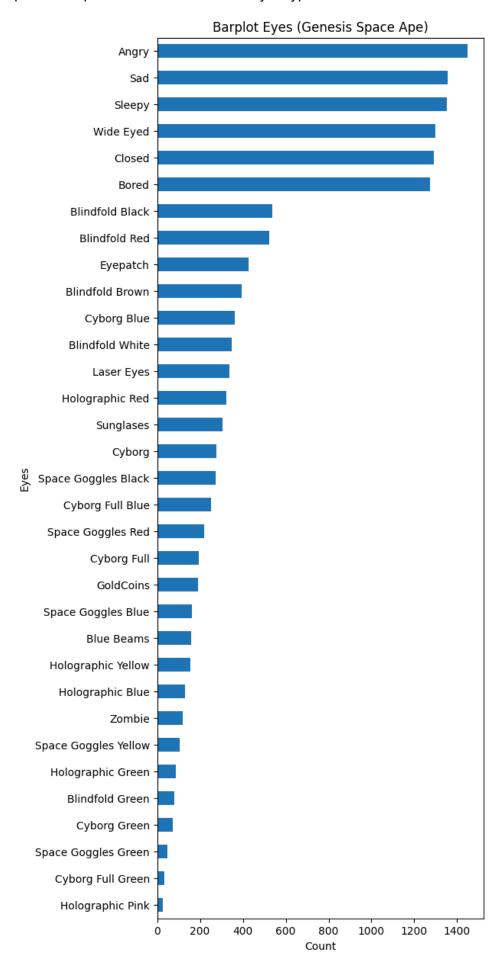
**Barplot Skin** for each species we plot the distribution of the skin types

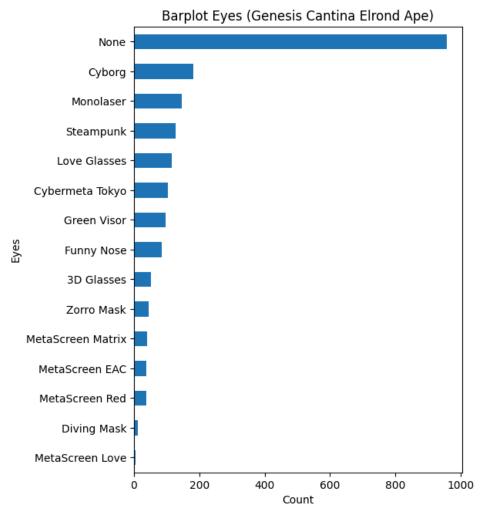




# **Barplot Eyes**

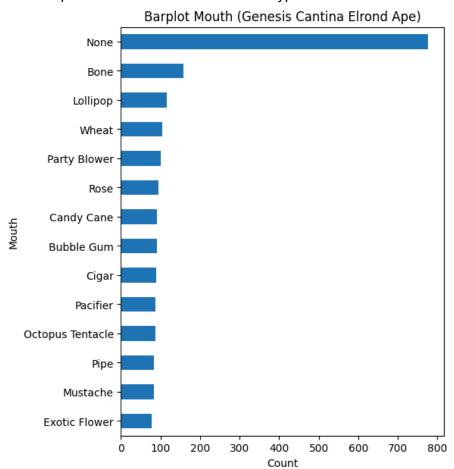
for each species we plot the distribution of the eyes types

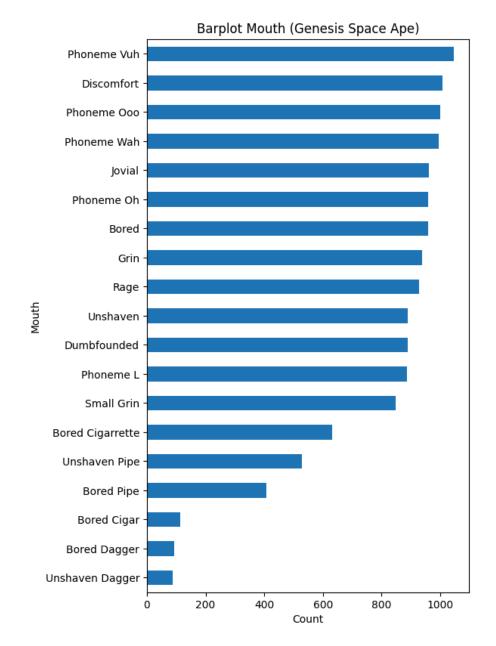




# **Barplot Mouth**

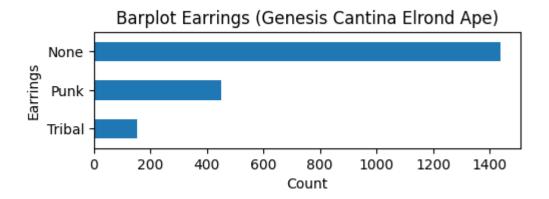
for each species we plot the distribution of the mouth types



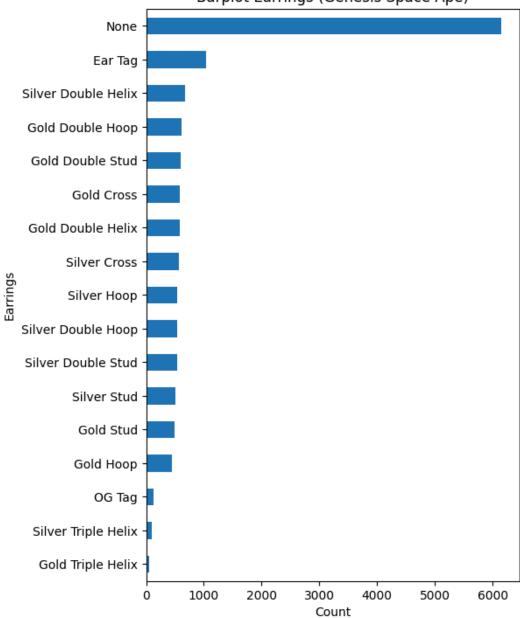


# **Barplot Earrings**

for each species we plot the distribution of the earrings types

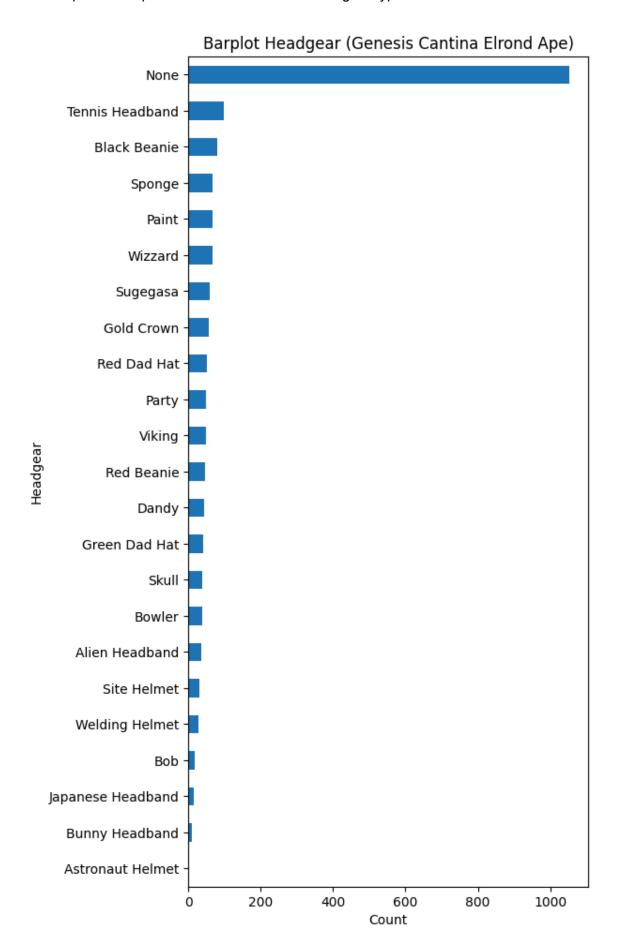


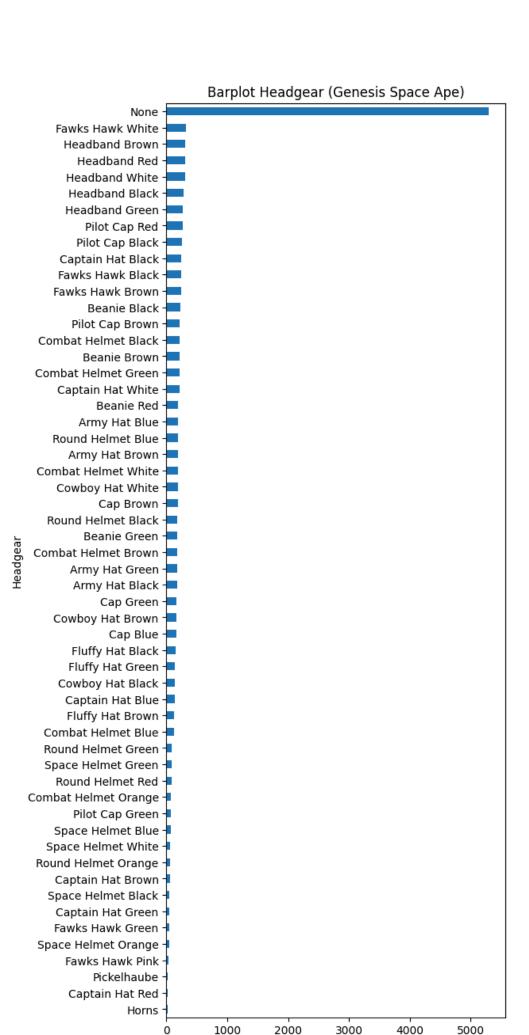




# **Barplot Headgear**

for each species we plot the distribution of the headgear types

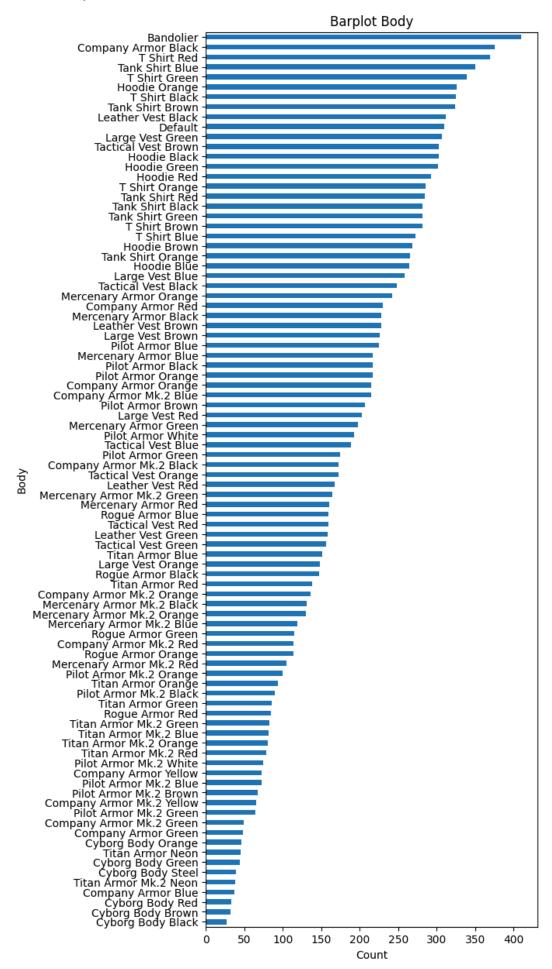




Count

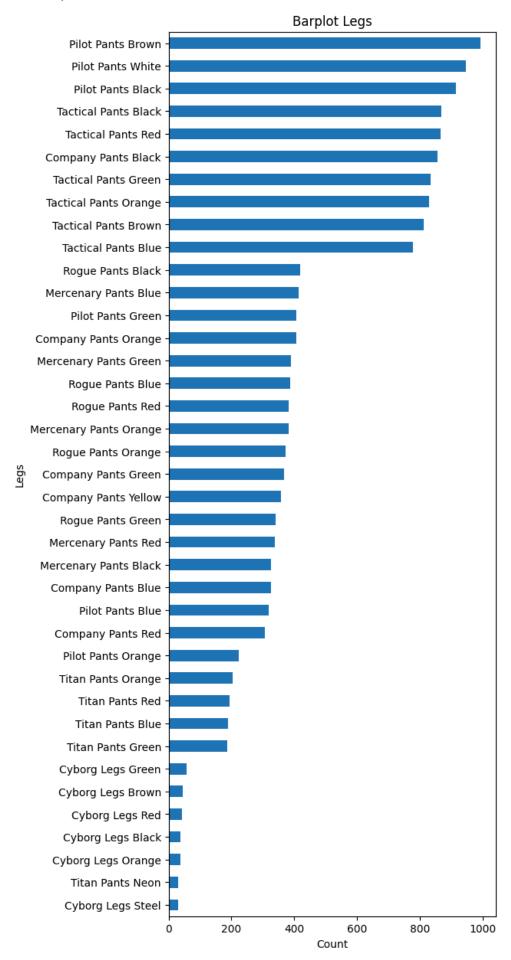
#### **Barplot Body**

we plot the distribution of the body types it does not matter the species as the types are the same between species



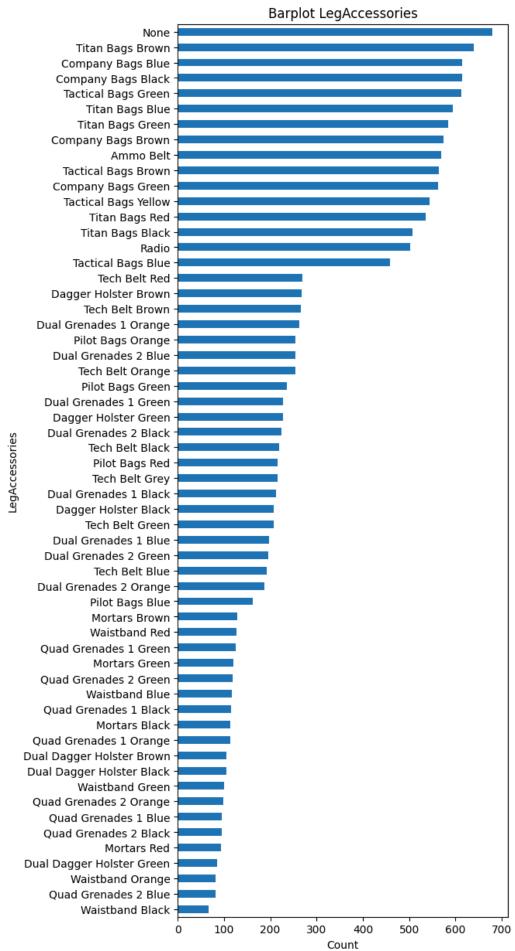
# **Barplot Legs**

we plot the distribution of the legs types it does not matter the species as the types are the same between species



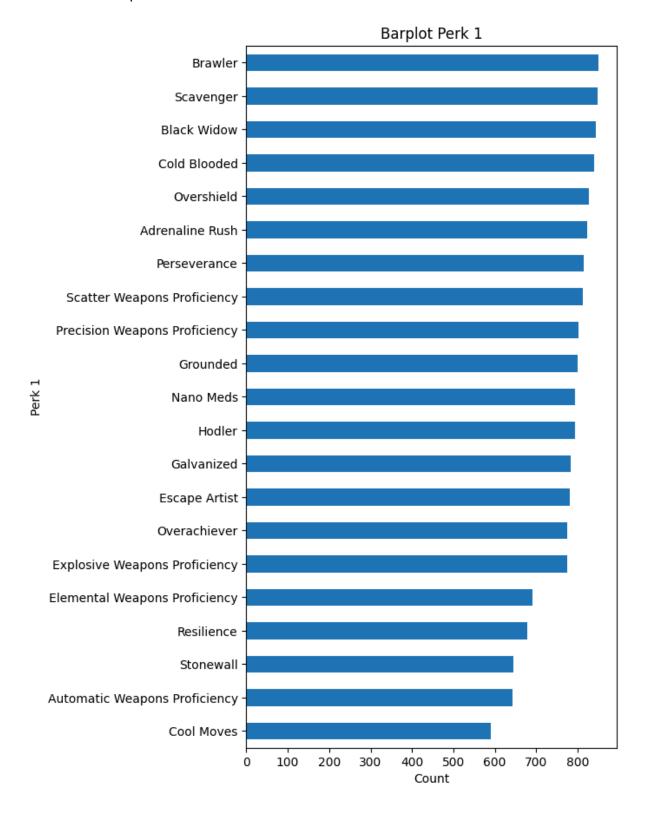
# **Barplot LegAccessories**

we plot the distribution of the leg accessories types it does not matter the species as the types are the same between species



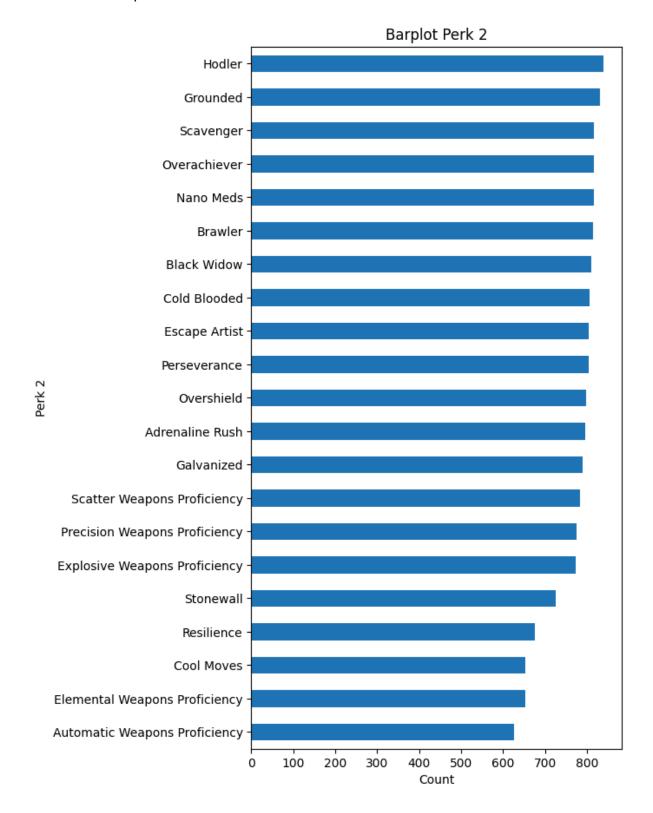
# **Barplot Perk 1**

we plot the distribution of the perk 1 types it does not matter the species as the types are the same between species



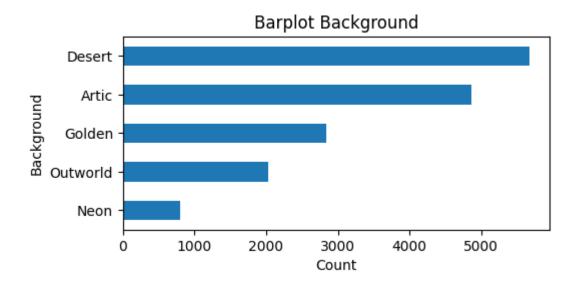
# **Barplot Perk 2**

we plot the distribution of the perk 2 types it does not matter the species as the types are the same between species



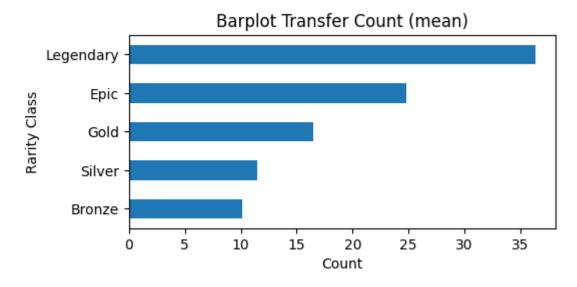
# **Barplot Background**

we plot the distribution of the background types it does not matter the species as the types are the same between species



# **Barplot Transfer Count (mean)**

we plot the Transfer Count (mean) for each Rarity Class



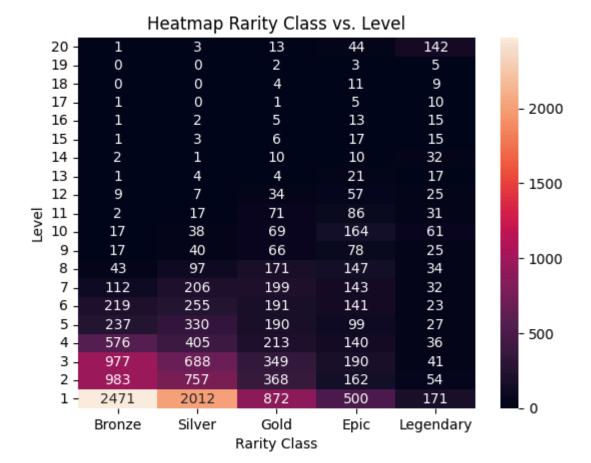
# **Rarity Class distribution**

Number of NFTs for each rarity class percentage is over total number of NFTs (16209)

Rarity Class	Number of NFT	Percentage
Bronze	5670	34.980566
Silver	4865	30.014190
Gold	2838	17.508791
Epic	2031	12.530076
Legendary	805	4.966377

# **Heatmap Rarity Class vs. Level**

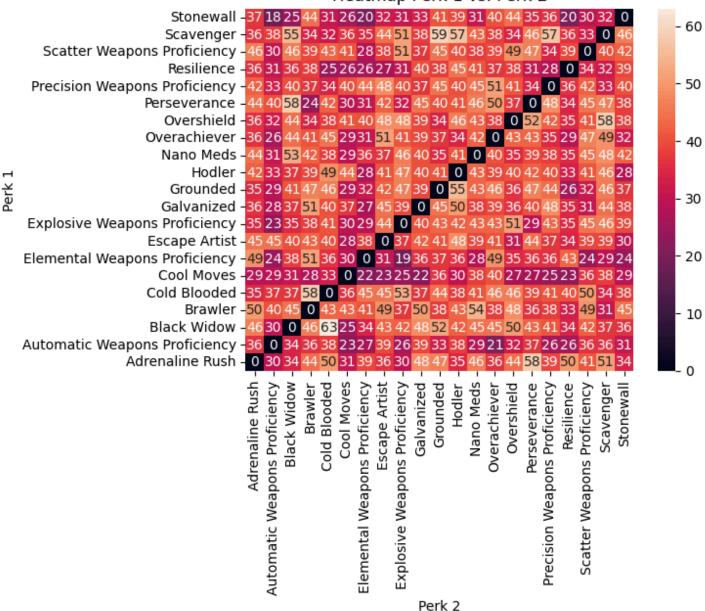
display the amount of NFTs with a certain rarity class and certain level



#### Heatmap Perk 1 vs. Perk 2

display the amount of NFTs with a certain perk 1 and certain perk 2

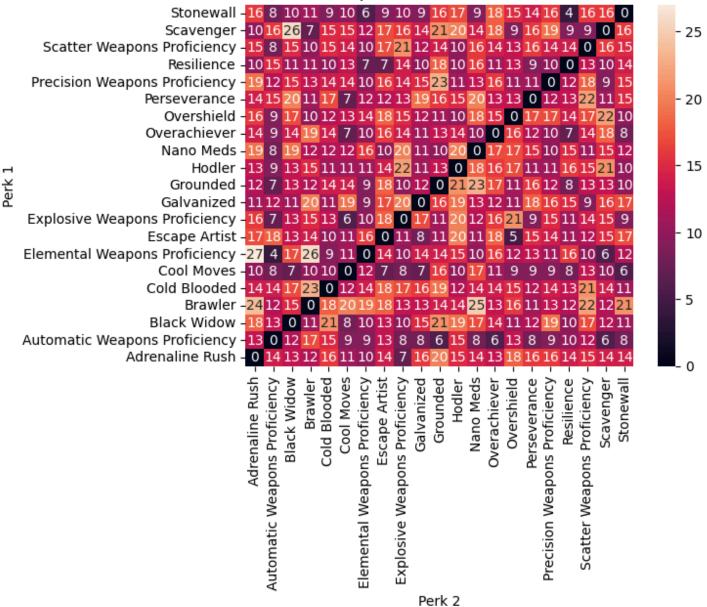
# Heatmap Perk 1 vs. Perk 2



## Heatmap Perk 1 vs. Perk 2 (Bronze)

display the amount of Bronze NFTs with a certain perk 1 and certain perk 2

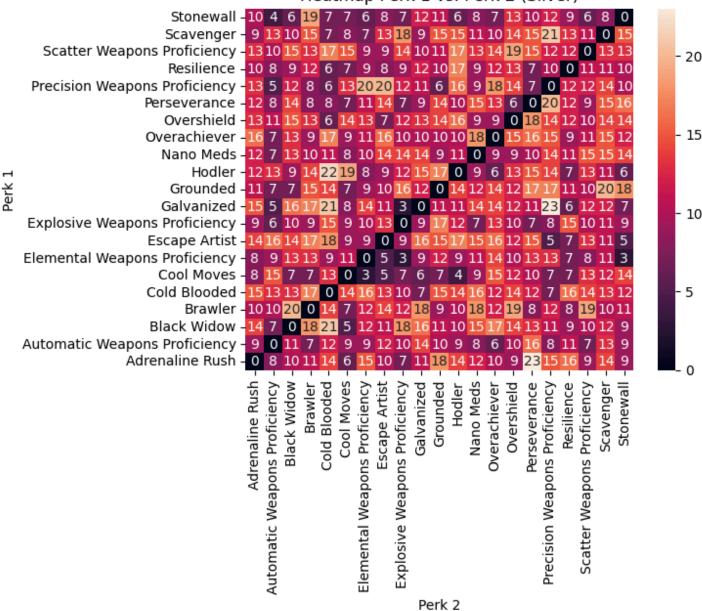
# Heatmap Perk 1 vs. Perk 2 (Bronze)



# Heatmap Perk 1 vs. Perk 2 (Silver)

display the amount of Silver NFTs with a certain perk 1 and certain perk 2

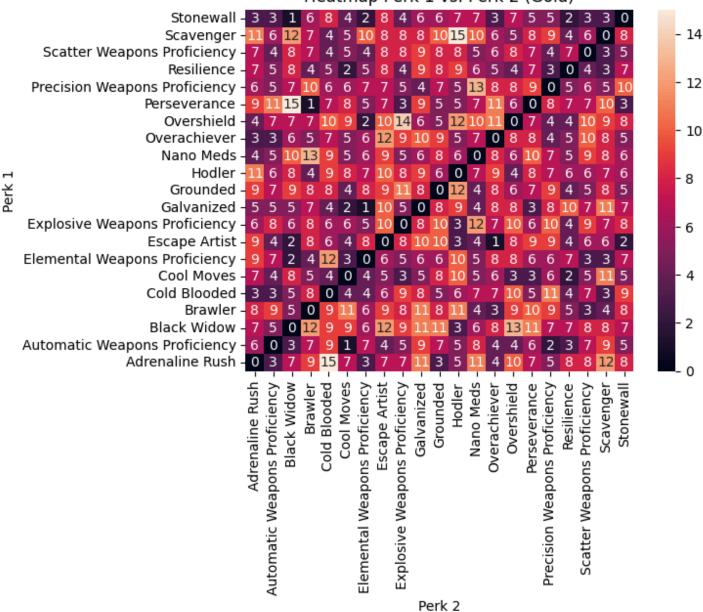
# Heatmap Perk 1 vs. Perk 2 (Silver)



## Heatmap Perk 1 vs. Perk 2 (Gold)

display the amount of Gold NFTs with a certain perk 1 and certain perk 2

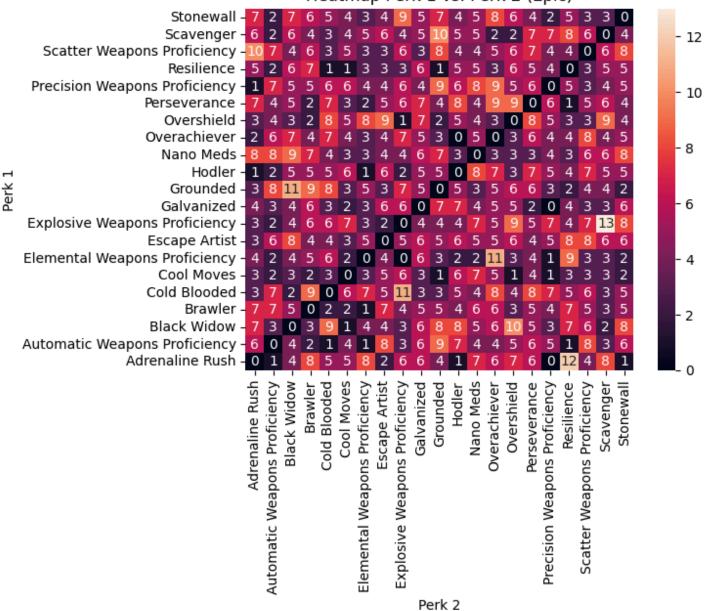
# Heatmap Perk 1 vs. Perk 2 (Gold)



## Heatmap Perk 1 vs. Perk 2 (Epic)

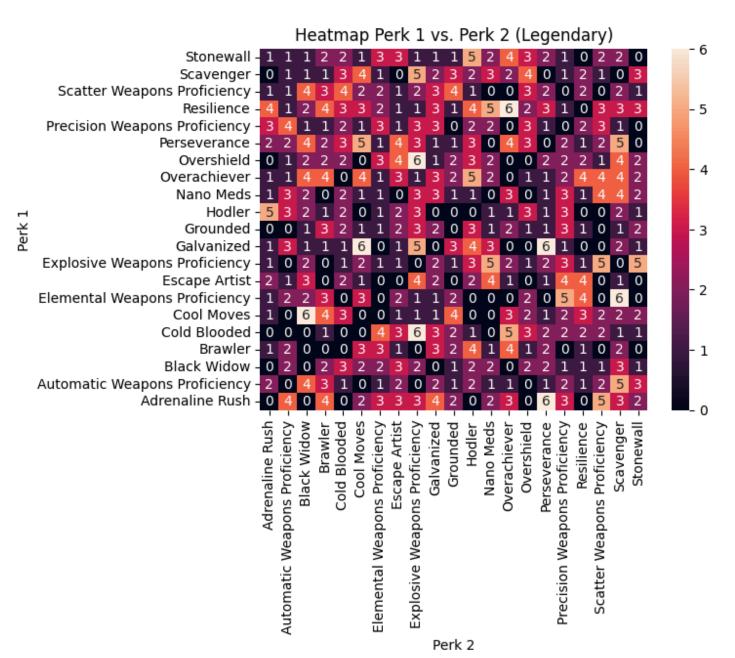
display the amount of Epic NFTs with a certain perk 1 and certain perk 2

# Heatmap Perk 1 vs. Perk 2 (Epic)



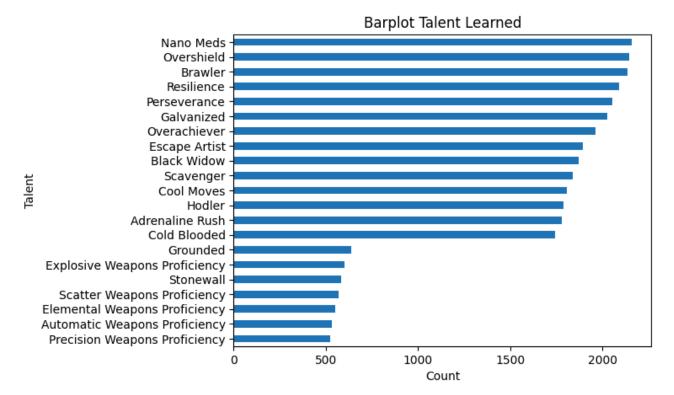
## **Heatmap Perk 1 vs. Perk 2 (Legendary)**

display the amount of Legendary NFTs with a certain perk 1 and certain perk 2



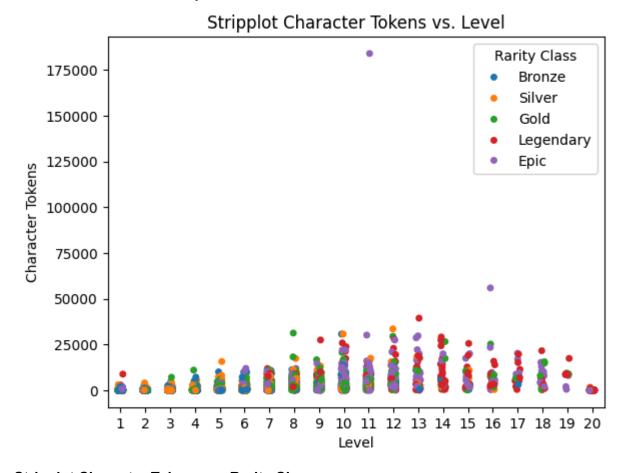
# **Barplot Talent Learned**

we plot the distribution of the talent learned in the game it does not matter the species as the talents are the same between species



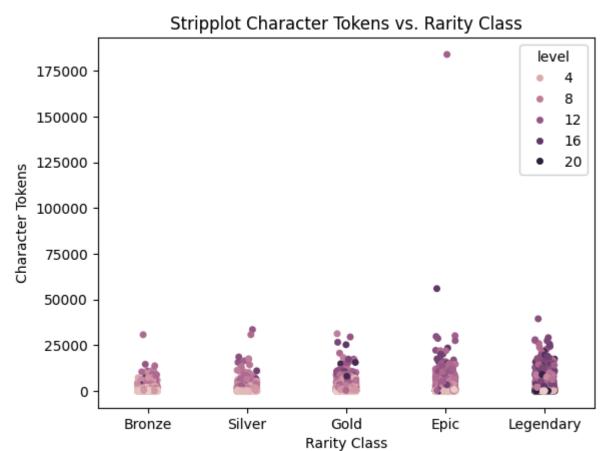
# **Stripplot Character Tokens vs. Level**

display the for each NFT the amount of his character tokens not used and his level each color is a different rarity class



# Stripplot Character Tokens vs. Rarity Class

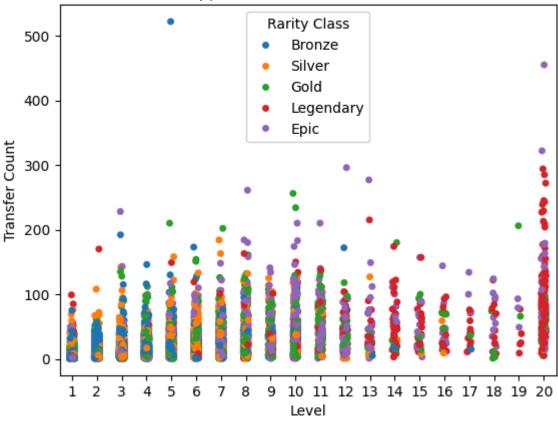
display the for each NFT the amount of his character tokens not used and his rarity class each color is a different level



# Stripplot Transfer Count vs. Level

display the for each NFT the amount of transfers and his level each color is a different rarity class

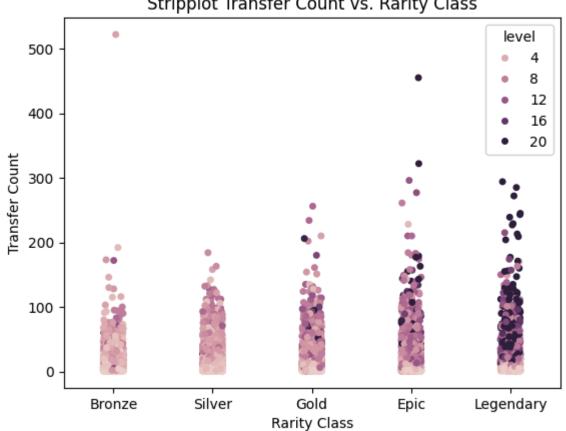




# **Stripplot Transfer Count vs. Rarity Class**

display the for each NFT the amount of transfers and his rarity class each color is a different level

Stripplot Transfer Count vs. Rarity Class



# **Stripplot Peer Transfer Count vs. Level**

display the for each NFT the amount of peer transfers and his level each color is a different rarity class

Stripplot Peer Transfer Count vs. Level

Rarity Class
Bronze
Silver
Gold
Legendary
Epic

10 11 12 13 14 15 16 17 18 19 20

**Stripplot Pear Transfer Count vs. Rarity Class** 

3

5

1 2

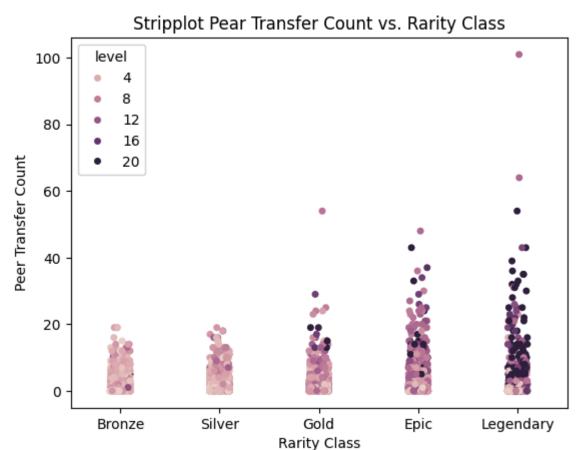
display the for each NFT the amount of peer transfers and his rarity class each color is a different level

7 8

9

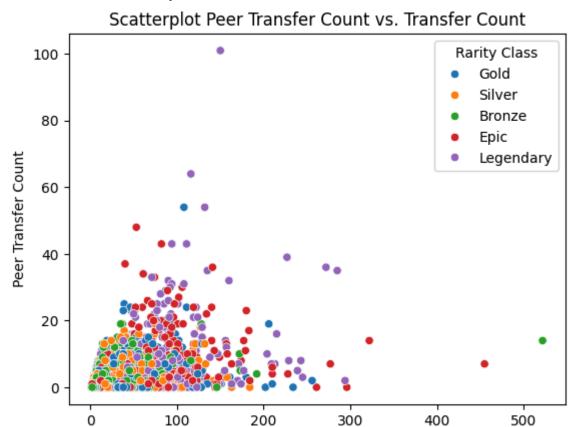
Level

6



# **Scatterplot Pear Transfer Count vs. Transfer Count**

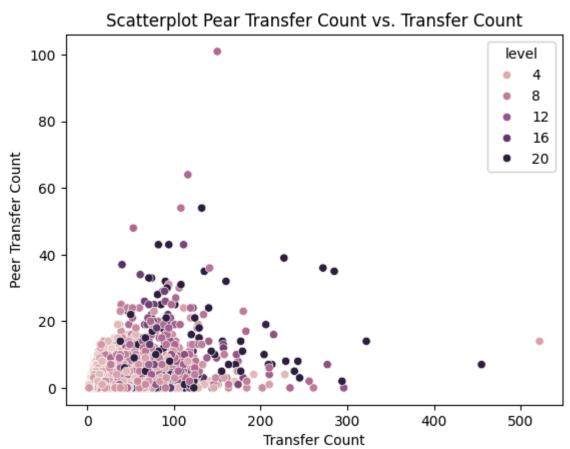
display the for each NFT the amount of peer transfers and the amount of all his transfers each color is a different rarity class



# **Scatterplot Pear Transfer Count vs. Transfer Count**

display the for each NFT the amount of peer transfers and the amount of all his transfers each color is a different level

Transfer Count



# **Type of Transactions**

we show the amount of transactions for each type:
all transactions = success transactions + failed transactions
success transfer = success transactions involving the transfer of ownership of the NFT from
one address to another
the percentage is over all transactions

Type of Transaction	Number of Transaction	Percentage
all transactions	326669	100.000000
success transactions	324401	99.305719
failed transactions	2268	0.694281
success transfers	239703	73.377945

# Transaction type distribution

Each transaction calls a specific function.

this is the table of functions called at least once and the number of transactions in which it was called and the percentage over all transactions

ESDTNFTTransfer         140317         42.953877           listing         68760         21.048829           directLend         58028         17.763547           listToken         31456         9.629319           addMultiOffer         8594         2.630798           auctionToken         5721         1.751314           MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         2	function	count	percentage
directLend         58028         17.763547           listToken         31456         9.629319           addMultiOffer         8594         2.630798           auctionToken         5721         1.751314           MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.006122           fund_nft         19         0.005816           createPool         16	ESDTNFTTransfer	140317	42.953877
listToken         31456         9.629319           addMultiOffer         8594         2.630798           auctionToken         5721         1.751314           MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004592           createOffer         10	listing	68760	21.048829
addMultiOffer         8594         2.630798           auctionToken         5721         1.751314           MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15 <td>directLend</td> <td>58028</td> <td>17.763547</td>	directLend	58028	17.763547
auctionToken         5721         1.751314           MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15         0.004592           createOffer         10	listToken	31456	9.629319
MultiESDTNFTTransfer         5377         1.646009           nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15         0.004592           createOffer         10         0.003061           add_nft_for_sale         3	addMultiOffer	8594	2.630798
nftSwap         2022         0.618975           acceptGlobalOffer         1867         0.571527           offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15         0.004592           createOffer         10         0.003061           add_nft_for_sale         3         0.000612           add_nft_for_auction         1	auctionToken	5721	1.751314
acceptGlobalOffer 1867 0.571527  offer 884 0.270610  borrowEgld 786 0.240611  create 604 0.184897  lendNft 558 0.170815  declineOffer 483 0.147856  acceptOffer 445 0.136224  stakeNftFarm 240 0.073469  stakeFarm 119 0.036428  listNft 110 0.033673  sellBundle 102 0.031224  addBatchRewards 42 0.012857  returnNft 39 0.011939  pawn_nft 28 0.008571  pawn_nfts 20 0.006122  fund_nft 19 0.005816  createPool 16 0.004898  listNftOnMarketplace 15 0.004592  createOffer 10 0.003061  add_nft_for_sale 3 0.000918  editPool 2 0.000612  add_nft_for_auction 1 0.000306	MultiESDTNFTTransfer	5377	1.646009
offer         884         0.270610           borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15         0.004592           createOffer         10         0.003061           add_nft_for_sale         3         0.000918           editPool         2         0.000306	nftSwap	2022	0.618975
borrowEgld         786         0.240611           create         604         0.184897           lendNft         558         0.170815           declineOffer         483         0.147856           acceptOffer         445         0.136224           stakeNftFarm         240         0.073469           stakeFarm         119         0.036428           listNft         110         0.033673           sellBundle         102         0.031224           addBatchRewards         42         0.012857           returnNft         39         0.011939           pawn_nft         28         0.008571           pawn_nfts         20         0.006122           fund_nft         19         0.005816           createPool         16         0.004898           listNftOnMarketplace         15         0.004592           createOffer         10         0.003061           add_nft_for_sale         3         0.000918           editPool         2         0.000612           add_nft_for_auction         1         0.000306	acceptGlobalOffer	1867	0.571527
create       604       0.184897         lendNft       558       0.170815         declineOffer       483       0.147856         acceptOffer       445       0.136224         stakeNftFarm       240       0.073469         stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	offer	884	0.270610
lendNft       558       0.170815         declineOffer       483       0.147856         acceptOffer       445       0.136224         stakeNftFarm       240       0.073469         stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	borrowEgld	786	0.240611
declineOffer       483       0.147856         acceptOffer       445       0.136224         stakeNftFarm       240       0.073469         stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	create	604	0.184897
acceptOffer       445       0.136224         stakeNftFarm       240       0.073469         stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	lendNft	558	0.170815
stakeNftFarm       240       0.073469         stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	declineOffer	483	0.147856
stakeFarm       119       0.036428         listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	acceptOffer	445	0.136224
listNft       110       0.033673         sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	stakeNftFarm	240	0.073469
sellBundle       102       0.031224         addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	stakeFarm	119	0.036428
addBatchRewards       42       0.012857         returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	listNft	110	0.033673
returnNft       39       0.011939         pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	sellBundle	102	0.031224
pawn_nft       28       0.008571         pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	addBatchRewards	42	0.012857
pawn_nfts       20       0.006122         fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	returnNft	39	0.011939
fund_nft       19       0.005816         createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	pawn_nft	28	0.008571
createPool       16       0.004898         listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	pawn_nfts	20	0.006122
listNftOnMarketplace       15       0.004592         createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	fund_nft	19	0.005816
createOffer       10       0.003061         add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	createPool	16	0.004898
add_nft_for_sale       3       0.000918         editPool       2       0.000612         add_nft_for_auction       1       0.000306	listNftOnMarketplace	15	0.004592
editPool 2 0.000612 add_nft_for_auction 1 0.000306	createOffer	10	0.003061
add_nft_for_auction 1 0.000306	add_nft_for_sale	3	0.000918
	editPool	2	0.000612
list 1 0.000306	add_nft_for_auction	1	0.000306
	list	1	0.000306

# **Transfer to Contract Distribution**

this is the table of contracts to which NFTs have been transferred and the number of transfers and the percentage over all transfers to contracts

contract address	count	percentage
erd1qqqqqqqqqqqqqqqpgq0rkx70tmr3myr9uada9wez4kkymusw94a9rsn5y7tn	58176	53.692663
erd1qqqqqqqqqqqqqqqbgq6wegs2xkypfpync8mn2sa5cmpqjlvrhwz5nqgepyg8	40077	36.988463
erd1qqqqqqqqqqqqqqqpgq8xwzu82v8ex3h4ayl5lsvxqxnhecpwyvwe0sf2qj4e	4416	4.075681
erd1qqqqqqqqqqqqqqqqbgqd9rvv2n378e27jcts8vfwynpx0gfl5ufz6hqhfy0u0	2144	1.978772
erd1qqqqqqqqqqqqqqqqpgq705fxpfrjne0tl3ece0rrspykq88mynn4kxs2cg43s	1245	1.149054
erd1qqqqqqqqqqqqqqqqq9gq47y8hnct68v6asjv6gxem6h9rumn9frzah0skhxxt6	710	0.655284
erd1qqqqqqqqqqqqqpgqhpauarfmx75nf4pwxh2fuy520ym03p8e8jcqt466up	433	0.399631
erd1qqqqqqqqqqqqqqpgqehfk86s8l949whpm7w80zp9j283hq2f3we0sfng5e7	390	0.359945
erd1qqqqqqqqqqqqqpgqx00c5udg9uql5sgk5vswfr8cp7kalqgcyawq9xpw26	341	0.314721
erd1qqqqqqqqqqqqqqqqqqp626fvlnvst33fhaklj0p223funnds28sua4g69	108	0.099677
erd1qqqqqqqqqqqqqqpgqytdhukwwqtrcptjs283falhqftwht7pps28sfcskls	84	0.077527
erd1qqqqqqqqqqqqqpgqz2tgn80j5p5hqh4hx69uc27gz0drcjmmg20skf0wru	83	0.076604
erd1qqqqqqqqqqqqqqqpgqf92y7l5guqyeym23uhaw8ms5r2zg0gym7vrs7074pq	33	0.030457
erd1qqqqqqqqqqqqqqpgqm3e5eagawwx742ktx96j6x00s6w2emzra9rsgcrjm7	31	0.028611
erd1qqqqqqqqqqqqqqqgg3w9lvasvuhkupfef299lt55gkxp8wfzfnzcs34f5nj	19	0.017536
erd1qqqqqqqqqqqqqqqqg3v7uj2xc49vtg0r544n5ewkgymkd7umls28stywa3j	18	0.016613
erd1qqqqqqqqqqqqqpgqvegsel8c794v8jzqfdmms0q7tpfxt9dwuyasxu840v	10	0.009229
erd1qqqqqqqqqqqqqqpgqx54p2ltm89jjupmxlcqcp8jpehe8jxcxuhqsf3zw30	9	0.008306
erd1qqqqqqqqqqqqqqqpgq0erzpydzvy5unmj7867vaapddpc870x44qvqe209k4	7	0.006461
erd1qqqqqqqqqqqqqpgqpt68cy4cde6ff2wzcfsfncjv6gxjxda8dn7q9ekje9	4	0.003692
erd1qqqqqqqqqqqqqqqpgqx9z6qw9ekttwp2d2h9tvq36ucdlp985035ds9qhmxm	4	0.003692
erd1qqqqqqqqqqqqqpgqy63d2wjymqergsxugu9p8tayp970gy6zlwfq8n6ruf	3	0.002769
erd1qqqqqqqqqqqqqqqpgq3h75cy6h0de54ea3lyxcwz20e34qtjgj6s5stxgry3	2	0.001846
erd1qqqqqqqqqqqqqqpgqu7mfca6kzxfl4g9j2a55mchswasaulghl3tseqeyh3	1	0.000923
erd1qqqqqqqqqqqqqqqpgq2p098xl7t4qcd99556nq3w438j0s6ypxuk2qn65cjj	1	0.000923
erd1qqqqqqqqqqqqqqqqqqgqsknct222ysujyx2j3lrd0hpuc7zcfla8pgqtz7prm	1	0.000923

# **Transfer from Contract Distribution**

this is the table of contracts from which NFTs have been transferred and the number of transfers and the percentage over all transfers from contracts

contract address	count	percentage
erd1qqqqqqqqqqqqqqqqqrbgq0rkx70tmr3myr9uada9wez4kkymusw94a9rsn5y7tn	47592	42.116069
erd1qqqqqqqqqqqqqqqg6wegs2xkypfpync8mn2sa5cmpqjlvrhwz5nqgepyg8	39232	34.717970
erd1qqqqqqqqqqqqqqqg9t4l4rm2fr9h4fv05u2ld5eh99a7hlmua9rspf78gp	14166	12.536061
erd1qqqqqqqqqqqqqqqggq8xwzu82v8ex3h4ayl5lsvxqxnhecpwyvwe0sf2qj4e	4410	3.902586
erd1qqqqqqqqqqqqqqqd9rvv2n378e27jcts8vfwynpx0gfl5ufz6hqhfy0u0	2097	1.855719
erd1qqqqqqqqqqqqqqpgqmrzzclpr9qpzh6rz3l75q7mtnz9t6qcua9rsvjufnz	2043	1.807933
erd1qqqqqqqqqqqqqqqqqpgq705fxpfrjne0tl3ece0rrspykq88mynn4kxs2cg43s	1219	1.078742
erd1qqqqqqqqqqqqqqqqqq47y8hnct68v6asjv6gxem6h9rumn9frzah0skhxxt6	708	0.626538
erd1qqqqqqqqqqqqqqpgqhpauarfmx75nf4pwxh2fuy520ym03p8e8jcqt466up	431	0.381409
erd1qqqqqqqqqqqqqqqpgqehfk86s8l949whpm7w80zp9j283hq2f3we0sfng5e7	372	0.329198
erd1qqqqqqqqqqqqqqqpgqx00c5udg9uql5sgk5vswfr8cp7kalqgcyawq9xpw26	337	0.298225
erd1qqqqqqqqqqqqqqqqqqp626fvlnvst33fhaklj0p223funnds28sua4g69	97	0.085839
erd1qqqqqqqqqqqqqqpgqz2tgn80j5p5hqh4hx69uc27gz0drcjmmg20skf0wru	81	0.071680
erd1qqqqqqqqqqqqqqqtdhukwwqtrcptjs283falhqftwht7pps28sfcskls	81	0.071680
erd1qqqqqqqqqqqqqqqpgqf92y7l5guqyeym23uhaw8ms5r2zg0gym7vrs7074pq	32	0.028318
erd1qqqqqqqqqqqqqqqpgqm3e5eagawwx742ktx96j6x00s6w2emzra9rsgcrjm7	31	0.027433
erd1qqqqqqqqqqqqqqqg9w9lvasvuhkupfef299lt55gkxp8wfzfnzcs34f5nj	19	0.016814
erd1qqqqqqqqqqqqqqqqq3v7uj2xc49vtg0r544n5ewkgymkd7umls28stywa3j	18	0.015929
erd1qqqqqqqqqqqqqqqpgqvegsel8c794v8jzqfdmms0q7tpfxt9dwuyasxu840v	10	0.008849
erd1qqqqqqqqqqqqqqqqe209k4	7	0.006195
erd1qqqqqqqqqqqqqqqqs4b2ltm89jjupmxlcqcp8jpehe8jxcxuhqsf3zw30	5	0.004425
erd1qqqqqqqqqqqqqqpgqpt68cy4cde6ff2wzcfsfncjv6gxjxda8dn7q9ekje9	4	0.003540
erd1qqqqqqqqqqqqqqqqx9z6qw9ekttwp2d2h9tvq36ucdlp985035ds9qhmxm	4	0.003540
erd1qqqqqqqqqqqqqqqg93d2wjymqergsxugu9p8tayp970gy6zlwfq8n6ruf	3	0.002655
erd1qqqqqqqqqqqqqqqqpgqu7mfca6kzxfl4g9j2a55mchswasaulghl3tseqeyh3	1	0.000885
erd1qqqqqqqqqqqqqqqpgq2p098xl7t4qcd99556nq3w438j0s6ypxuk2qn65cjj	1	0.000885
erd1qqqqqqqqqqqqqqqqqqqqsknct222ysujyx2j3lrd0hpuc7zcfla8pgqtz7prm	1	0.000885

## **Holders Distribution**

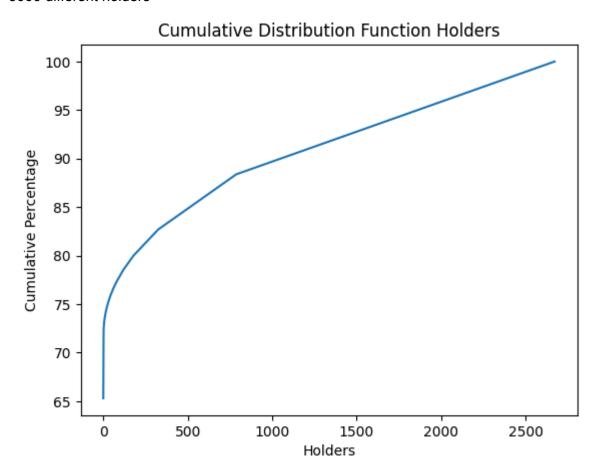
this is the table of holders and the number of NFTs owned by them and the percentage over all NFTs (spreadsheets "holders")

we currently have a total of 2672 different addresses that own at least one NFT following a table that show how many holders owns a date number of NFTs for example we have 1886 addresses that own 1 single NFT and 1 single address that owns 10584 NFTs

nft_owned	number_holders
1	1886
2	462
3	147
4	60
5	40
6	17
7	15
8	8
9	7
10	6
11	4
18	3
15	2
14	2
12	2
13	1
16	1
17	1
22	1
26	1
28	1
47	1
51	1
295	1
845	1
10584	1

#### **Cumulative Distribution Function Holders**

this plot show how many amount of holders own a certain amount of percentage of all NTFs for example a single holder owns  $\sim$ 65% of total amount of NFTs and a  $\sim$ 10% is owned by  $\sim$ 3000 different holders



#### **EOA Holders Distribution**

this is the table of EOA holders and the number of NFTs owned by them and the percentage over all NFTs (spreadsheets "EOA\_holders")

we currently have a total of 5466 different addresses that own at least one NFT following a table that show how many holders owns a date number of NFTs for example we have 3057 addresses that own 1 single NFT and 1 single address that owns 295 NFTs

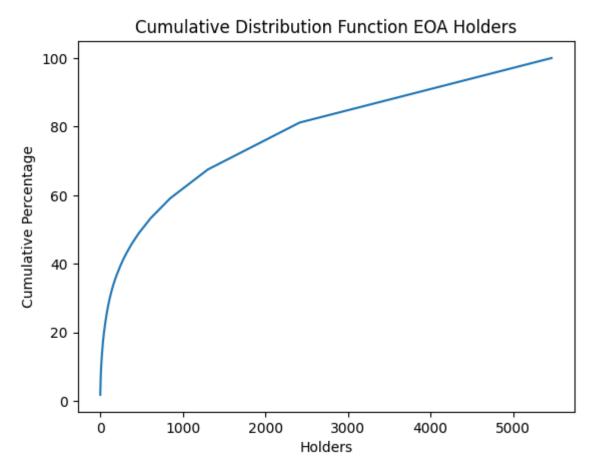
nft_owned	number_holders
1	3057
2	1111
3	457
4	238
5	146
6	84
7	67
8	39
9	37
10	35
12	19
11	16
14	13

16 15 13 17 21 23 28 29 18 20 22 19 24 31 50 48 32 33 26 25 47 65 38 40 41 60 27 119 86 104 111 30 72 125 129 146 159 169 169 179 179 179 179 179 179 179 179 179 17	11 10 9 8 8 7 6 6 5 5 5 4 4 3 3 3 3 3 3 2 2 2 2 2 2 2 2 1 1 1 1 1 1
183	1
74	1
69	1
56	1
54 51	1 1
45 44	1 1
42	1
37 35	1 1
295	1

#### **Cumulative Distribution Function EOA Holders**

this plot show how many amount of EOA holders own a certain amount of percentage of all NTFs

for example  $\sim$ 1000 EOA holder owns  $\sim$ 60% of total amount of NFTs and a  $\sim$ 20% is owned by  $\sim$ 3000 different holders



# **NFTs in Diamond Hand**

this the table shows the number of NFTs that have had a specific number of different EOA holders

for example 6916 NFTs (~42%) in their history have had only one EOA holder each for example 14106 NFTs (~87%) in their history have had less than 5 EOA holders each

number of different holders	number of nfts	percentage
1	6916	42.667654
2	3759	23.190820
3	2065	12.739836
4	1366	8.427417
5	901	5.558640
6	517	3.189586
7	300	1.850824
8	168	1.036461
9	98	0.604602

10	50	0.308471
11	33	0.203591
12	17	0.104880
13	7	0.043186
14	5	0.030847
15	2	0.012339
16	1	0.006169
17	1	0.006169
18	1	0.006169
19	2	0.012339

#### All holders

this is the table of all holders and the number of NFTs owned by them and the percentage over all NFTs (spreadsheets "all\_holders")

we currently have a total of 11254 different addresses that have owned at least one NFT the EOA holders that currently own at least one NFT are 5466

the EOA holders that currently doesn't own at least one NFT are 5760

the EOA holders that currently own at least one NFT in contracts are 3214 (NFT amount 11557)

the EOA holders that currently own all their NFTs in contracts are 2809 (NFT amount 8948) the EOA holders that currently own at least one NFT in their wallet are 2657 (NFT amount 4652 in their wallet)

the EOA holders that currently own all their NFTs in their wallet are 2252 (NFT amount 3774 in their wallet)

the EOA holders that currently own at least one NFT in contracts and at least one NFT in their wallet are 2524 (NFT amount in contract 4489, NFT amount in their wallet 6935)

#### **Peer to Peer Transfers**

this is the table of addresses and the number of addresses with which they have made peer to peer transfers (incoming or outgoing), that means without the use of intermediaries (contracts) (spreadsheets "peer2peer")

we currently have a total of 4913 different addresses that have made at least one peer to peer transfer

6% of all addresses that do peer to peer transfers with other addresses do transfers with more than 5 different addresses

this 6% consists of 302 addresses

#### TODO

# MISSING SCATTER PLOT THAT EACH ADDRESS IS A DOT AND ON THE Y'S IS THE NUMBER OF PEER TO PEER TRANSACTIONS HE WAS INVOLVED IN AS SENDER OR RECEIVER

# AND ON THE X'S THE NUMBER OF ADDRESSES HE HAS DONE PEER TO PEER TRANSACTIONS WITH

#### # SAME THING FOR NON-PEER TO PEER

# MISSING SCATTER PLOT THAT EACH ADDRESS IS A DOT AND ON THE Y'S IS THE NUMBER OF PEER TO PEER TRANSACTIONS HE WAS INVOLVED IN AS SENDER OR RECEIVER

# AND ON THE X'S THE NUMBER OF NON-PEER TO PEER TRANSACTIONS HE WAS INVOLVED IN AS SENDER OR RECEIVER

#### # SAME THING FOR NON-PEER TO PEER

# miss to study better the transfer graph to analyze the communities carrying out peer to peer exchanges and other notable after transfer graph analysis