

TW Report 12172021 v1

December 18, 2021

1 GSF Sigma December 2021 TW 1 Report

1.1 Load Data

```
[ ]: from tw import TW

date = '12172021'

tw = TW(date)
```

1.2 Guild Performance

```
[ ]: tw.guild_performance()
```

	attack_stars	disobey	set_defense_stars	stars	\
Name					
Exeel	317.0	18.0	188.0	505	
Calens	296.0	15.0	0.0	296	
Zlada14	275.0	15.0	0.0	275	
ShootMeow	265.0	15.0	308.0	573	
Agave	220.0	12.0	342.0	562	
JamesBond007	195.0	10.0	94.0	289	
Loadage	192.0	11.0	282.0	474	
Revanche Gilder	191.0	10.0	210.0	401	
JustinAlexander11	180.0	10.0	180.0	360	
Masajj Vemtits	163.0	8.0	214.0	377	
Dark Penguin	162.0	8.0	218.0	380	
Gryphix	162.0	8.0	188.0	350	
ilekkund	149.0	13.0	226.0	375	
Flywire	147.0	8.0	274.0	421	
MarkKenoburger	142.0	7.0	150.0	292	
EvilCoyote2011	137.0	7.0	248.0	385	
Theflavorgreen	137.0	9.0	154.0	291	
joker	135.0	10.0	184.0	319	
Elros Halfelven	125.0	8.0	214.0	339	
ONE	120.0	10.0	154.0	274	
ilekkund2	119.0	7.0	128.0	247	
MINI Stewabob	115.0	9.0	150.0	265	
wamakima5004	110.0	7.0	150.0	260	

Wolfman314	100.0	6.0	184.0	284
Tommyboy85	97.0	5.0	248.0	345
AKB	91.0	7.0	278.0	369
Promethean	81.0	4.0	218.0	299
Chaunce	80.0	5.0	218.0	298
Obi Won Sebroni	79.0	3.0	184.0	263
MINI xipokemastrix	77.0	4.0	184.0	261
Tel Nadda	67.0	7.0	64.0	131
Argarax	61.0	4.0	244.0	305
Larping Soccer Moms	61.0	4.0	124.0	185
SloppySaberFlavor	56.0	4.0	184.0	240
TacoPizza	56.0	3.0	150.0	206
Baxston Kane	54.0	3.0	308.0	362
Zhil Axfow	44.0	4.0	218.0	262
BabyYodaHitta	40.0	1.0	120.0	160
Wil043	37.0	3.0	240.0	277
Guntha Arbos	34.0	2.0	188.0	222
Philo Beddoe	31.0	2.0	278.0	309
Maxaron Lexilon	19.0	2.0	90.0	109
OttoVonGens	15.0	2.0	184.0	199
BraZ	0.0	0.0	154.0	154

banner_efficiency

Name	
Exeel	17.611111
Calens	19.733333
Zlada14	18.333333
ShootMeow	17.666667
Agave	18.333333
JamesBond007	19.500000
Loadage	17.454545
Revanche Gilder	19.100000
JustinAlexander11	18.000000
Masajj Vemtits	20.375000
Dark Penguin	20.250000
Gryphix	20.250000
ilekkund	11.461538
Flywire	18.375000
MarkKenoburger	20.285714
EvilCoyote2011	19.571429
Theflavorgreen	15.222222
joker	13.500000
Elros Halfelven	15.625000
ONE	12.000000
ilekkund2	17.000000
MINI Stewabob	12.777778
wamakima5004	15.714286
Wolfman314	16.666667

Tommyboy85	19.400000
AKB	13.000000
Promethean	20.250000
Chaunce	16.000000
Obi Won Sebroni	26.333333
MINI xipokemastrix	19.250000
Tel Nadda	9.571429
Argarax	15.250000
Larping Soccer Moms	15.250000
SloppySaberFlavor	14.000000
TacoPizza	18.666667
Baxston Kane	18.000000
Zhil Axflow	11.000000
BabyYodaHitta	40.000000
Wil043	12.333333
Guntha Arbos	17.000000
Philo Beddoe	15.500000
Maxaron Lexilon	9.500000
OttoVonGens	7.500000
BraZ	NaN

1.3 Lowest 10 Defensive Banners

```
[ ]: n = 10
      tw.top_scores('set_defense_stars', n)
```

Name	
Calens	0.0
Zlada14	0.0
Tel Nadda	64.0
Maxaron Lexilon	90.0
JamesBond007	94.0
BabyYodaHitta	120.0
Larping Soccer Moms	124.0
ilekkund2	128.0
MINI Stewabob	150.0
TacoPizza	150.0

Name: set_defense_stars, dtype: float64

1.4 Lowest 10 Banner Efficiency

```
[ ]: tw.top_scores('banner_efficiency', n)
```

Name	
OttoVonGens	7.500000
Maxaron Lexilon	9.500000
Tel Nadda	9.571429
Zhil Axflow	11.000000

ilekkund	11.461538
ONE	12.000000
Wil043	12.333333
MINI Stewabob	12.777778
AKB	13.000000
joker	13.500000

Name: banner_efficiency, dtype: float64

1.5 Top 10 Defensive Banners

```
[ ]: tw.top_scores('set_defense_stars', n, ascending = False)
```

Name	
Agave	342.0
ShootMeow	308.0
Baxston Kane	308.0
Loadage	282.0
Philo Beddoe	278.0
AKB	278.0
Flywire	274.0
EvilCoyote2011	248.0
Tommyboy85	248.0
Argarax	244.0

Name: set_defense_stars, dtype: float64

1.6 Top 10 Banner Efficiency

```
[ ]: tw.top_scores('banner_efficiency', n, ascending = False)
```

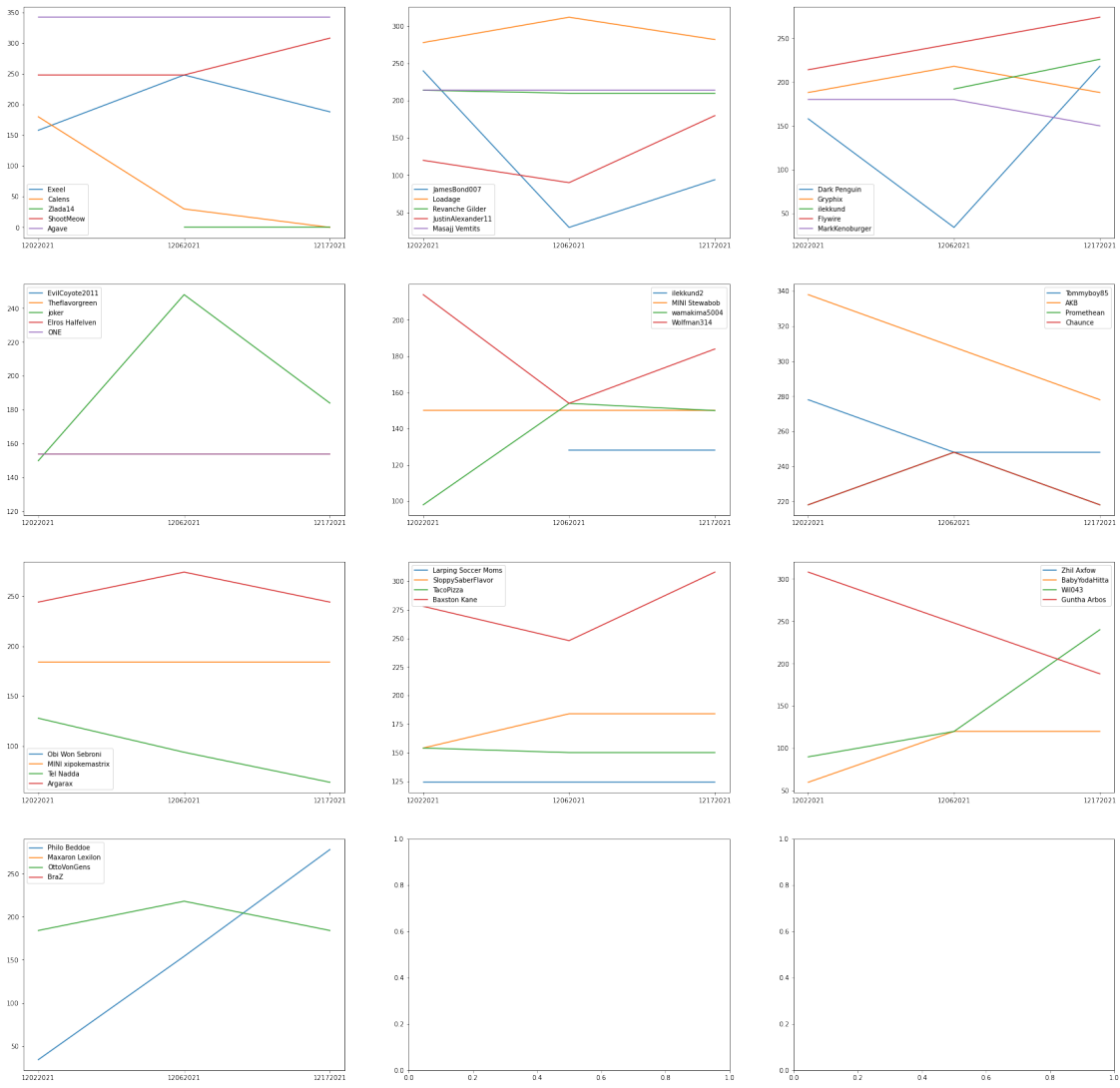
Name	
BabyYodaHitta	40.000000
Obi Won Sebroni	26.333333
Masajj Vemtits	20.375000
MarkKenoburger	20.285714
Dark Penguin	20.250000
Promethean	20.250000
Gryphix	20.250000
Calens	19.733333
EvilCoyote2011	19.571429
JamesBond007	19.500000

Name: banner_efficiency, dtype: float64

1.7 Defensive Banners and Banner Efficiency Plots

```
[ ]: n_graphs = 10
tw.plot_data(n_graphs, 'set_defense_stars')
tw.plot_data(n_graphs, 'banner_efficiency')
```

set_defense_stars



banner_efficiency

