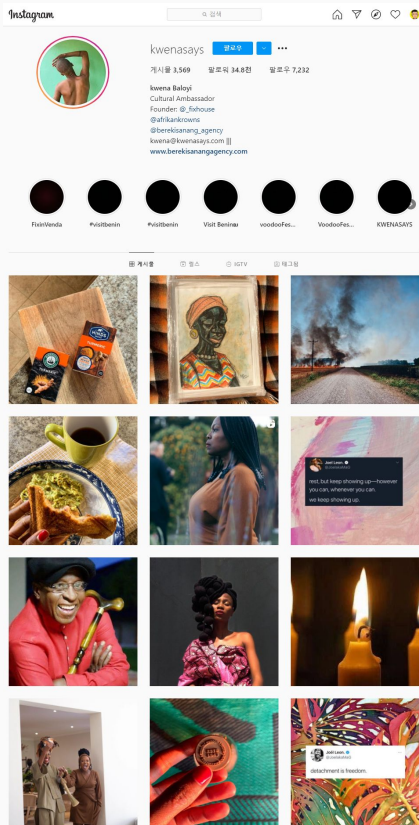# Consistency score

John Park
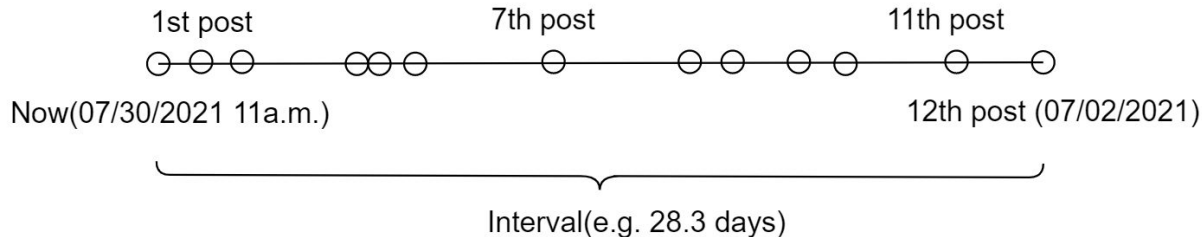
How it was measured

- Influencer's instagram page : We can get 12th post's timestamp(date and time)
- Calculation :

  Consistency score = 12 ÷ (interval between now and 12th timestamp)

$$Consistency\ Score = \frac{12(posts)}{interval(days)} \quad : Average\ number\ of\ posts\ per\ day$$

1st post   7th post   11th post

Now(07/30/2021 11a.m.)   12th post (07/02/2021)

Interval(e.g. 28.3 days)

Result (values, range, and distribution)

	profile	consistency_score
0	kwenasays	0.462923
1	mycurvesndcurls	0.523494
2	jenjeanpierre	1.098608
3	simplydaph	0.634128
4	lifecoachshawn	0.364480
...	...	...
77	hadassah_artistry	0.115446
78	conditionher	0.203577
79	drmalikagrayson	0.316240
80	nayelizabethh	0.169141
81	brittanyncole	0.522955

- Range :

```{r}
range(Consistency_Score)
```

```
 [1] 0.009569897 3.053003534
```
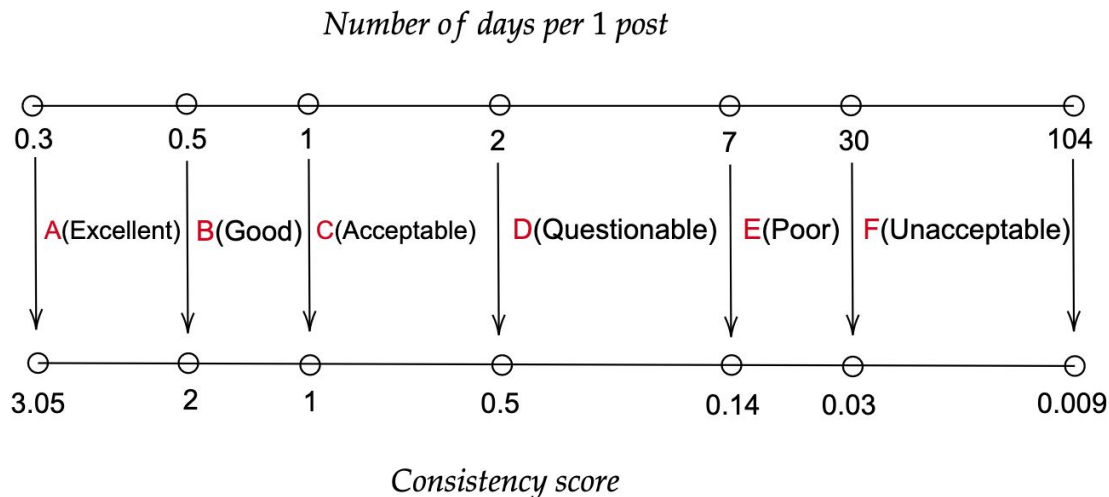
- Distribution :
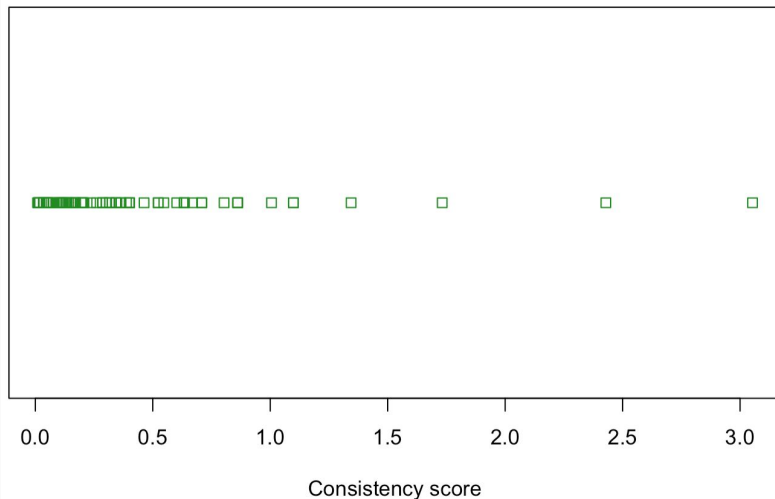
Scaling or classification (1)

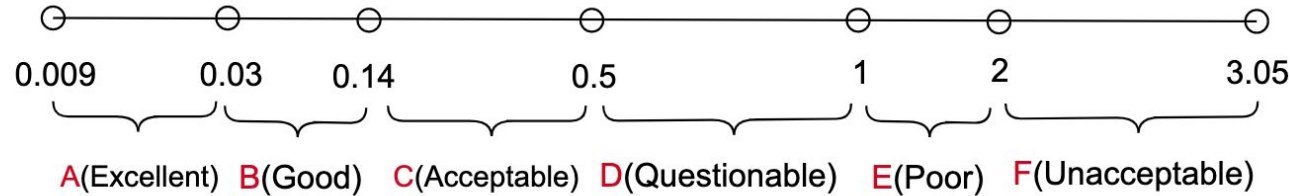| profile	consistency_score	num_days_for_1post
kwenasays	0.462923	2.160185
mycurvesndcurls	0.523494	1.910243
jenjeanpierre	1.098608	0.910243
simplydaph	0.634128	1.576968
lifecoachshawn	0.364480	2.743634
...	...	...
hadassah_artistry	0.115446	8.662095
conditionher	0.203577	4.912153
drmalikagrayson	0.316240	3.162153
nayelizabethh	0.169141	5.912211
brittanyncole	0.522955	1.912211

- Number of days per 1 post (num_days_for_1post) :

$$\frac{1}{consistency\ score} = \frac{Interval(days)}{12(posts)} = Average\ number\ of\ days\ spent\ per\ 1\ post$$

- Classification

Number of days per 1 post

0.3   0.5   1   2   7   30   104

A(Excellent)   B(Good)   C(Acceptable)   D(Questionable)   E(Poor)   F(Unacceptable)

3.05   2   1   0.5   0.14   0.03   0.009

Consistency score

Scaling or classification (2)

Consistency score

A(Excellent) : It means that person posts more than 2 posts in 1 day
= It takes less than 0.5 days for 1 post

B(Good) : It means that person posts more than 1 post and less than 2 posts in 1 day
= It takes more than 0.5 days and less than 1 day for 1 post

C(Acceptable) : It means that person posts more than 0.5 post and less than 1 post in 1 day
= It takes more than 1 day and less than 2 days for 1 post

D(Questionable) : It means that person posts more than 0.14 post and less than 0.5 post in 1 day
= It takes more than 2 days and less than a week for 1 post

E(Poor) : It means that person posts more than 0.03 post and less than 0.14 post in 1 day
= It takes more than a week and less than a month for 1 post

F(Unacceptable) : It means that person posts more than 0.009 post and less than 0.03 post in 1 day
= It takes more than a month for 1 post

Simple description for consistency score

profile	consistency_score	num_days_for_1post	description	Grade
kwenasays	0.462923275	2.160185185	takes 2.16days for 1 post : D_Questionable	D_Questionable
mycurvesndcur	0.523493593	1.910243056	takes 1.91days for 1 post : C_Acceptable	C_Acceptable
jenjeanpierre	1.098607667	0.910243056	takes 0.91days for 1 post : B_Good	B_Good
simplydaph	0.63412844	1.576967593	takes 1.58days for 1 post : C_Acceptable	C_Acceptable
lifecoachshawn	0.364480067	2.743634259	takes 2.74days for 1 post : D_Questionable	D_Questionable
hauserfurniture	1.098467993	0.910358796	takes 0.91days for 1 post : B_Good	B_Good
kristinadapaah	0.169194466	5.910358796	takes 5.91days for 1 post : D_Questionable	D_Questionable
mixedmombrov	0.669378268	1.493923611	takes 1.49days for 1 post : C_Acceptable	C_Acceptable
sharanguru	0.634012108	1.577256944	takes 1.58days for 1 post : C_Acceptable	C_Acceptable
liliscreations_lili	1.344224037	0.743923611	takes 0.74days for 1 post : B_Good	B_Good
brunchnista	0.633988846	1.577314815	takes 1.58days for 1 post : C_Acceptable	C_Acceptable
effiespaper	1.732157177	0.577314815	takes 0.58days for 1 post : B_Good	B_Good
courthousecout	0.343566089	2.910648148	takes 2.91days for 1 post : D_Questionable	D_Questionable
africaboutik	0.343559258	2.910706019	takes 2.91days for 1 post : D_Questionable	D_Questionable
amirahrichelle	0.052190144	19.16070602	takes 19.16days for 1 post : E_Poor	E_Poor
cmariekwarteng	0.861501645	1.160763889	takes 1.16days for 1 post : C_Acceptable	C_Acceptable
alenaconley	0.286196959	3.494097222	takes 3.49days for 1 post : D_Questionable	D_Questionable
twochicksandso	0.70880676	1.410821759	takes 1.41days for 1 post : C_Acceptable	C_Acceptable
stylemydreams	0.035094917	28.49415509	takes 28.49days for 1 post : E_Poor	E_Poor
edenthefoodie	0.387974584	2.577488426	takes 2.58days for 1 post : D_Questionable	D_Questionable
tonififi	0.602090592	1.66087963	takes 1.66days for 1 post : C_Acceptable	C_Acceptable
fitmuslimah	3.053003534	0.327546296	takes 0.33days for 1 post : A_Excellent	A_Excellent
thelorissanelsor	0.316367631	3.16087963	takes 3.16days for 1 post : D_Questionable	D_Questionable
jessicachinyelu	0.109159134	9.1609375	takes 9.16days for 1 post : E_Poor	E_Poor
wegotooworld	0.035094774	28.49427083	takes 28.49days for 1 post : E_Poor	E_Poor
lashoutxpress	0.196941032	5.077662037	takes 5.08days for 1 post : D_Questionable	D_Questionable
naturalsilversist	0.009569897	104.4943287	takes 104.49days for 1 post : F_Unacceptable	F_Unacceptable
jenesaisquoithe	0.101753601	9.827662037	takes 9.83days for 1 post : E_Poor	E_Poor

Thank you