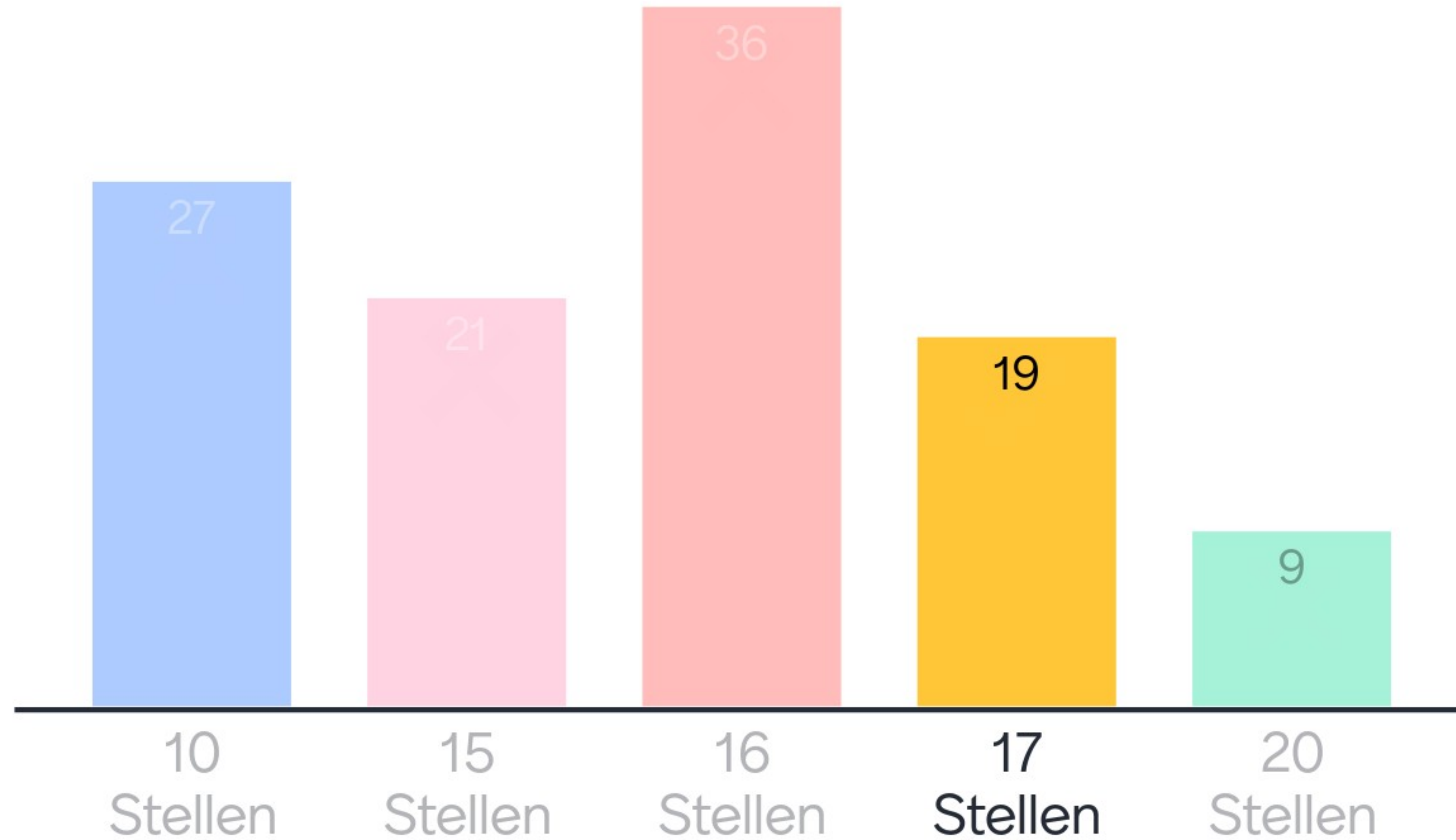
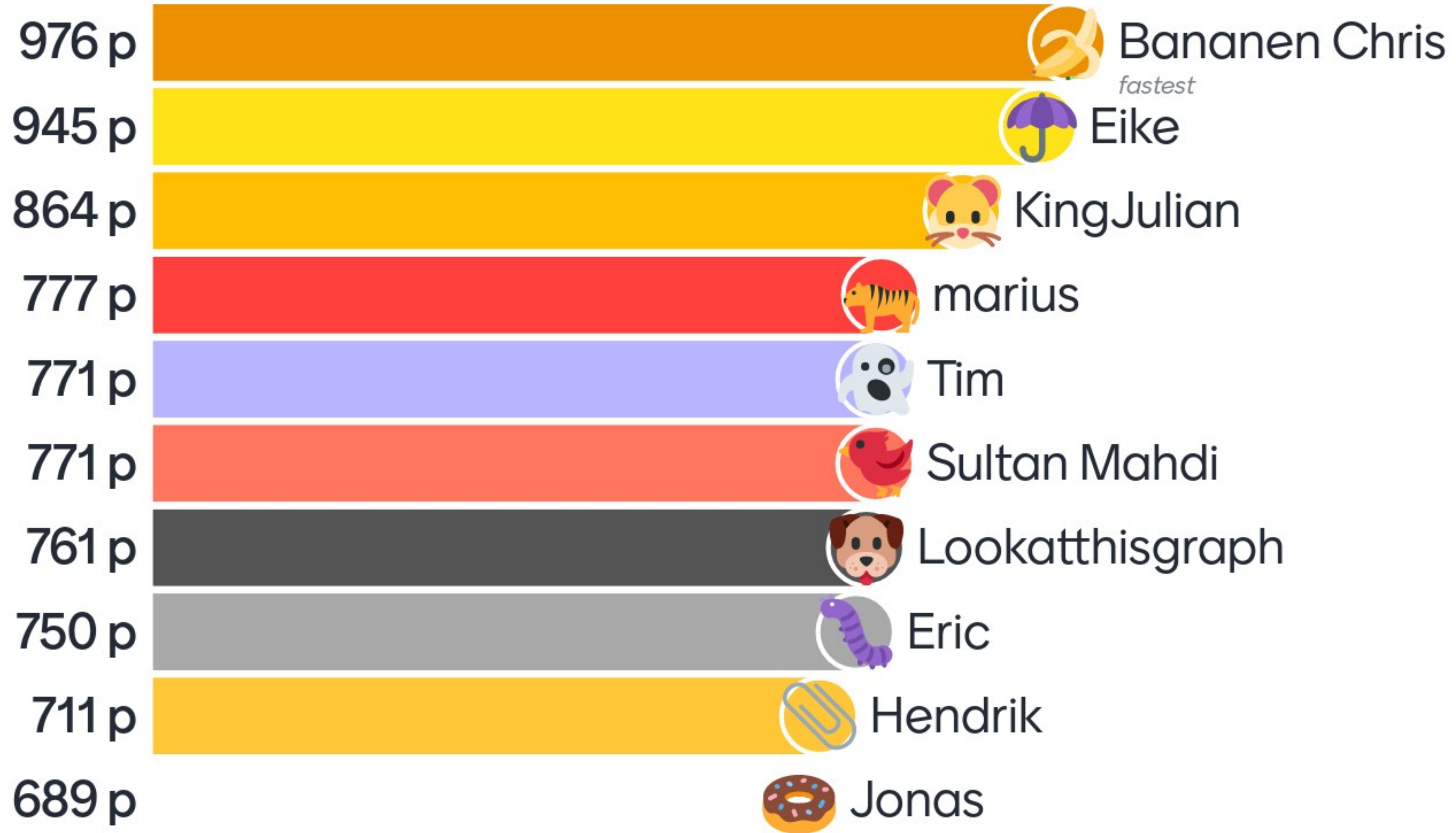


Wachstum von Funktionen

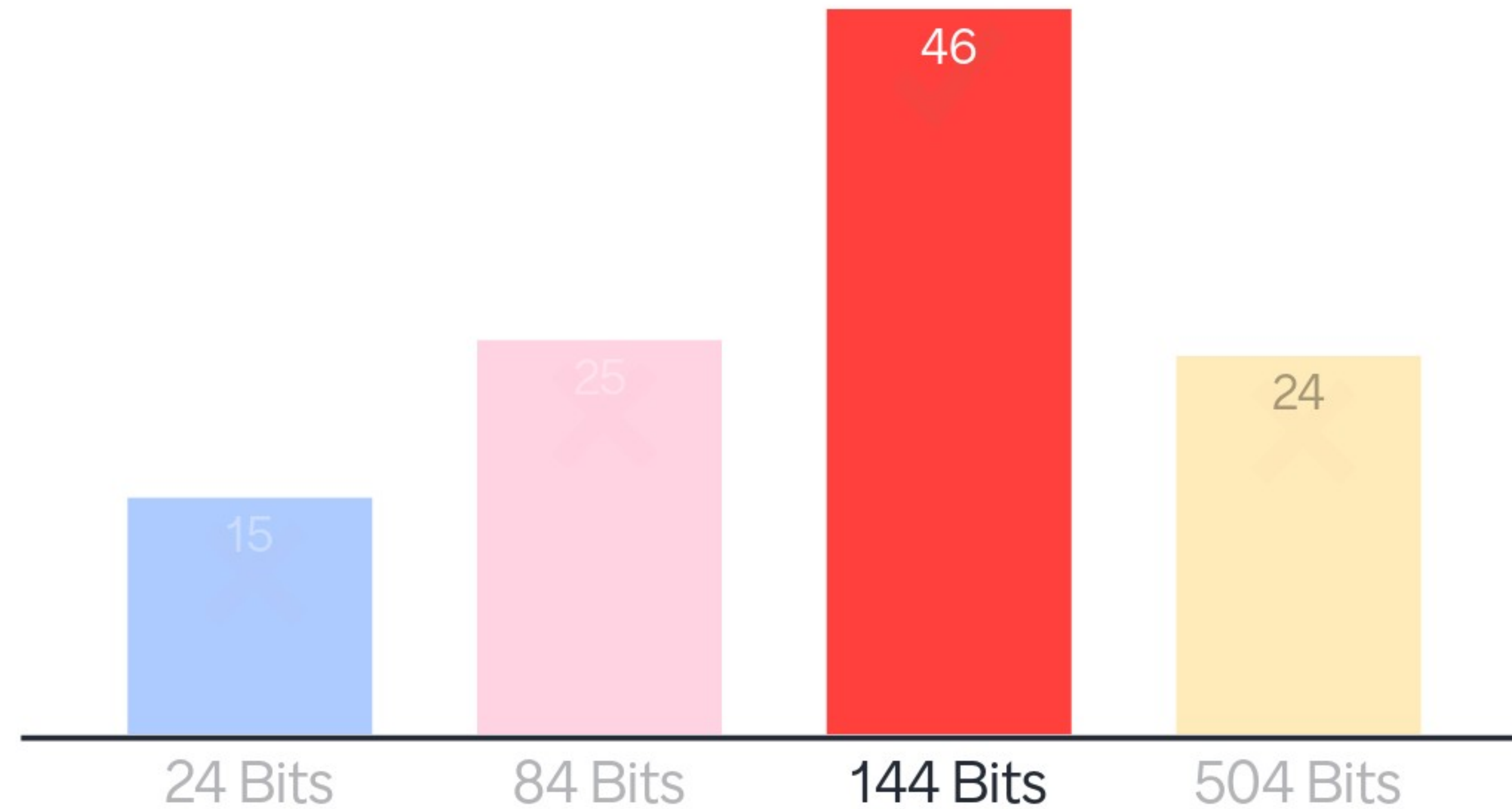
1 Binär codiert benötigt die Zahl 65536...



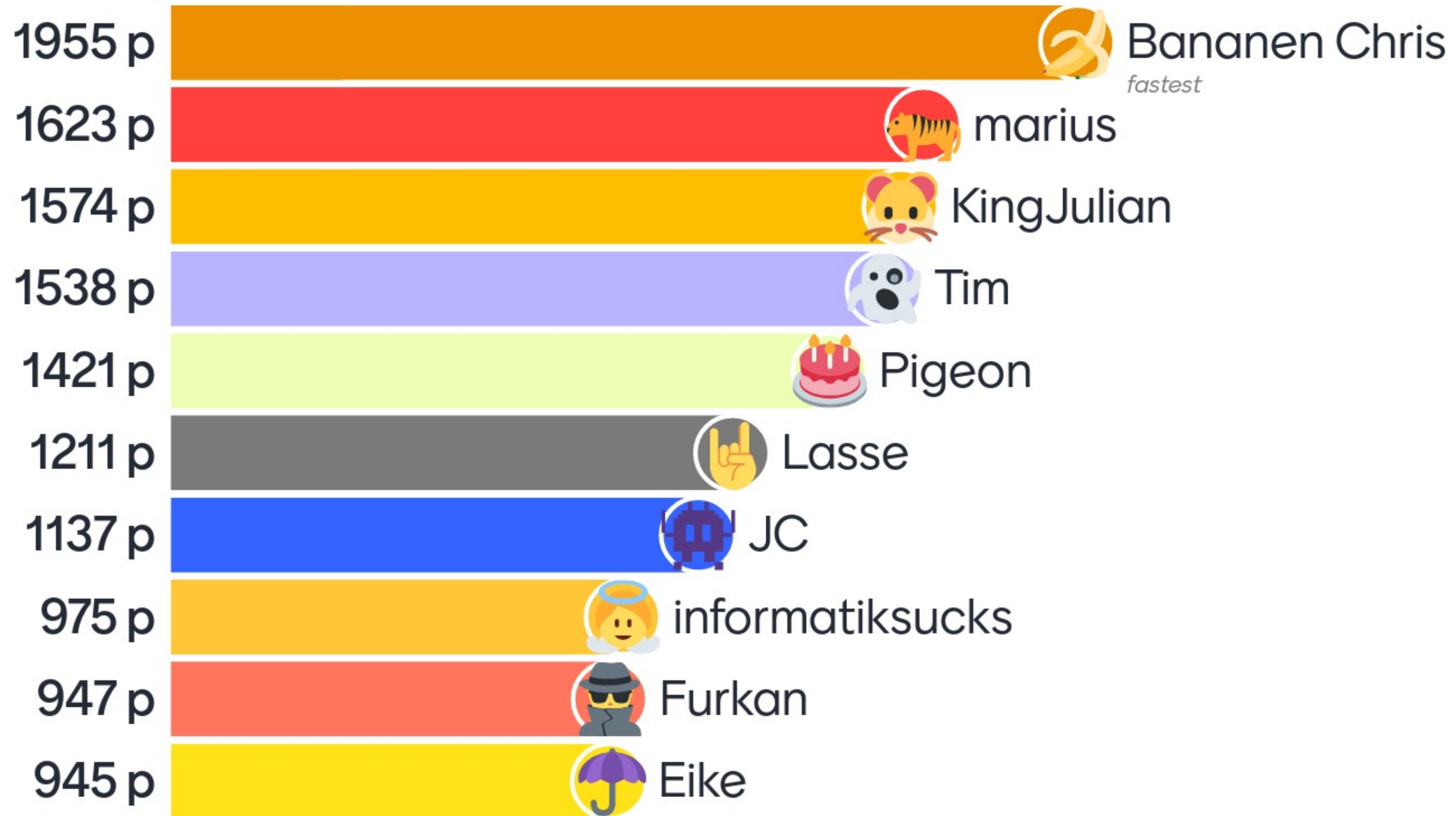
Leaderboard



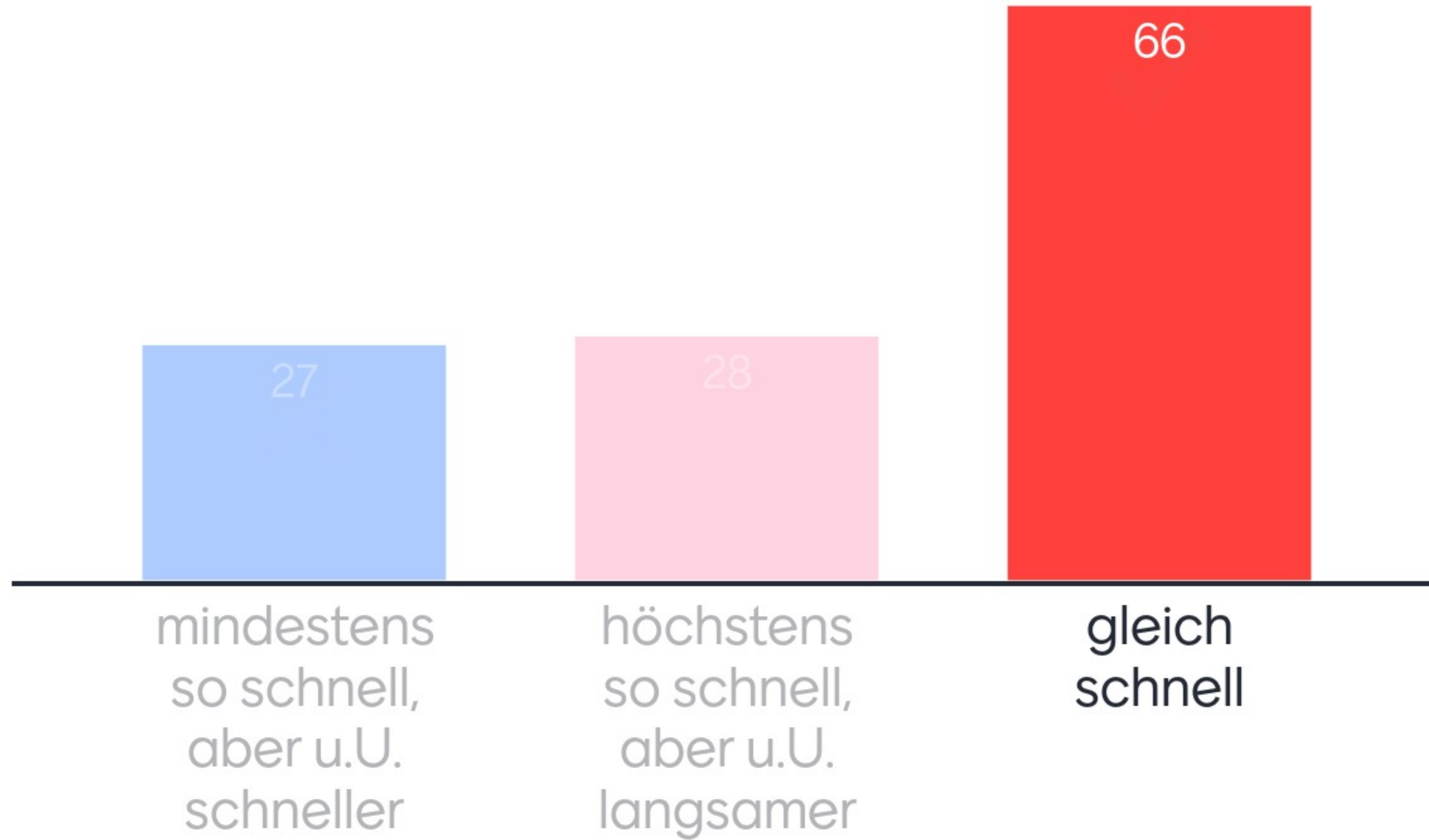
2 Für einen Graphen mit 12 Knoten und 42 Kanten benötigt die Adjazenzmatrix...



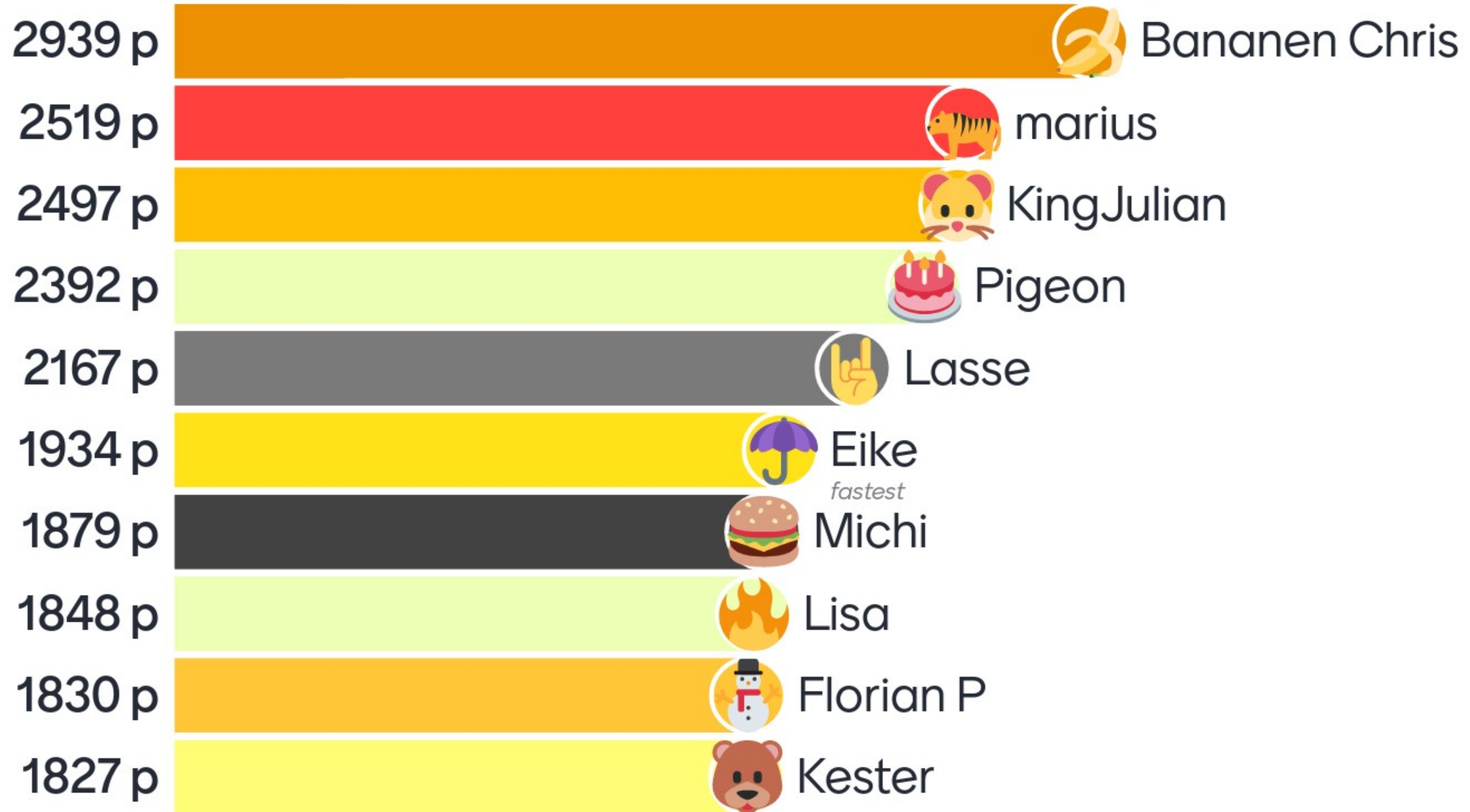
Leaderboard



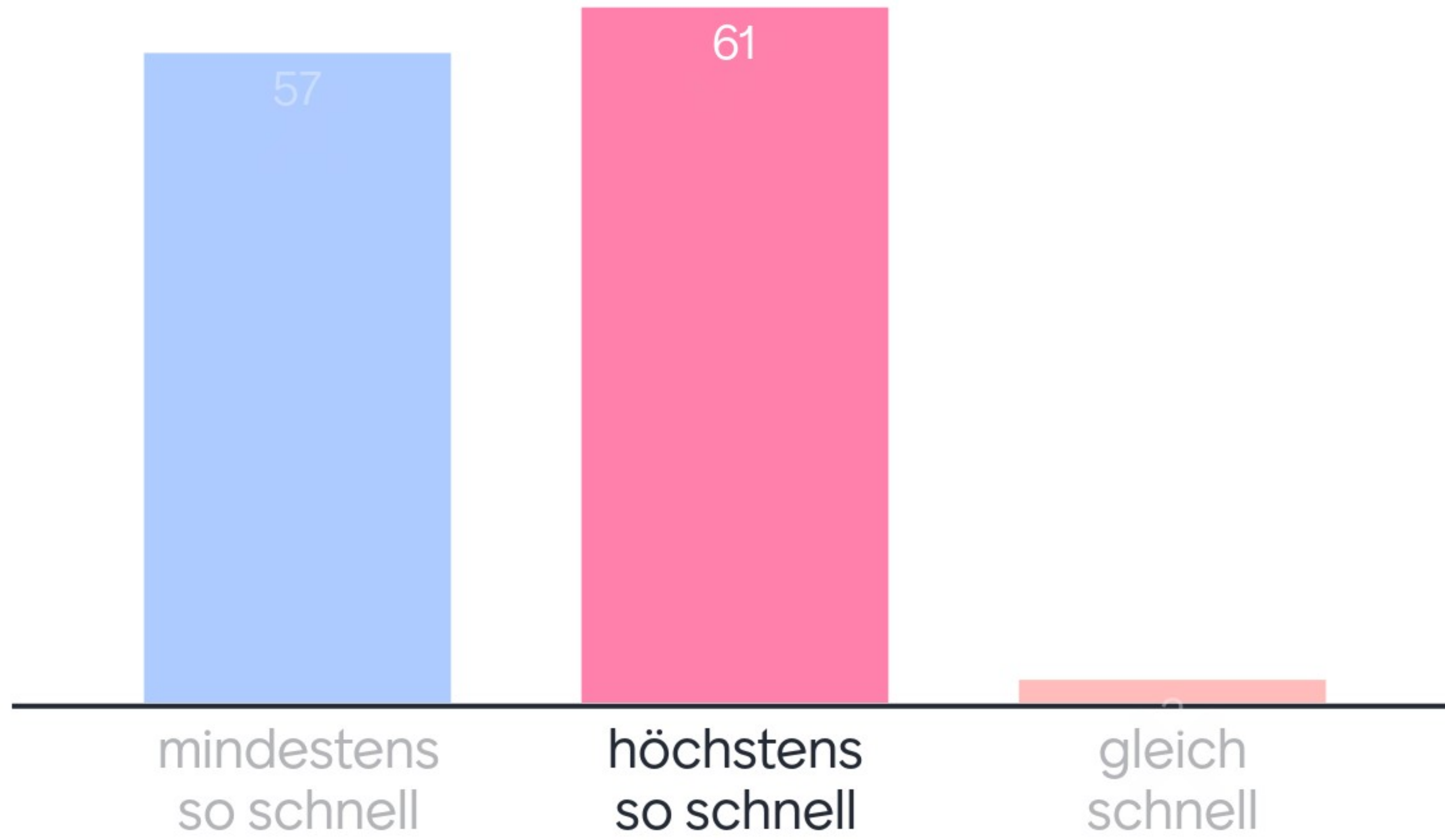
Frage 3



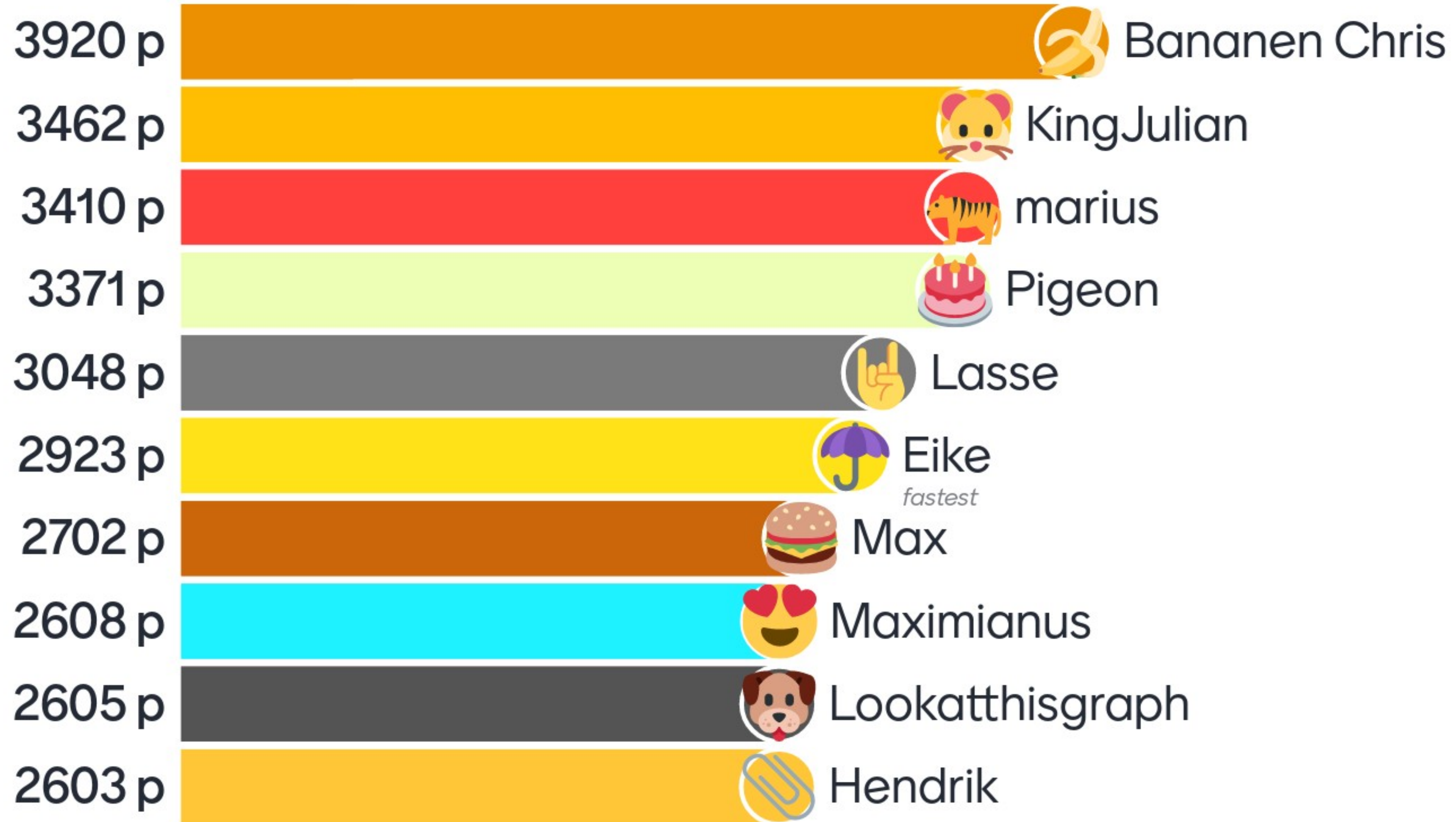
Leaderboard



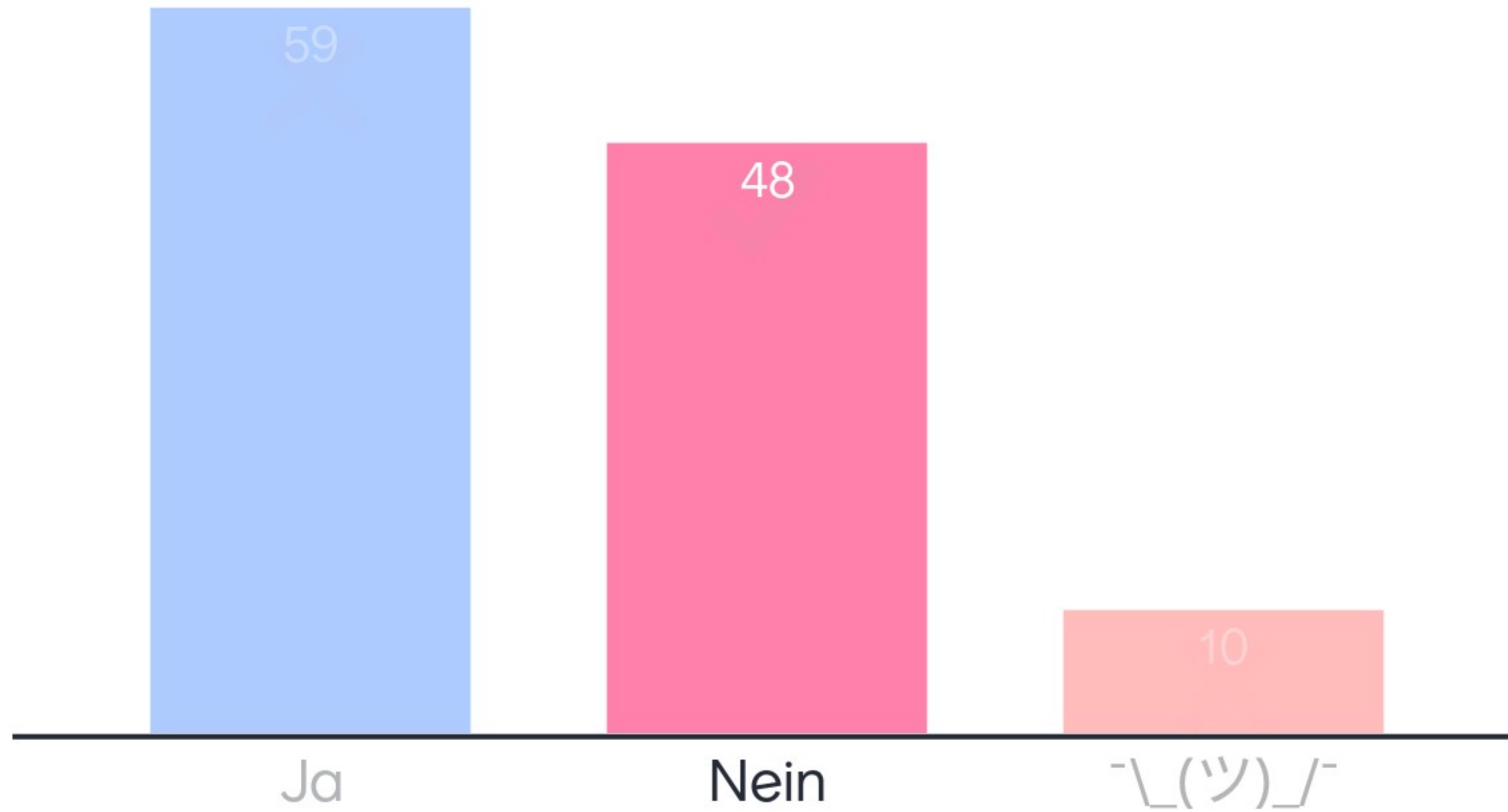
Frage 4



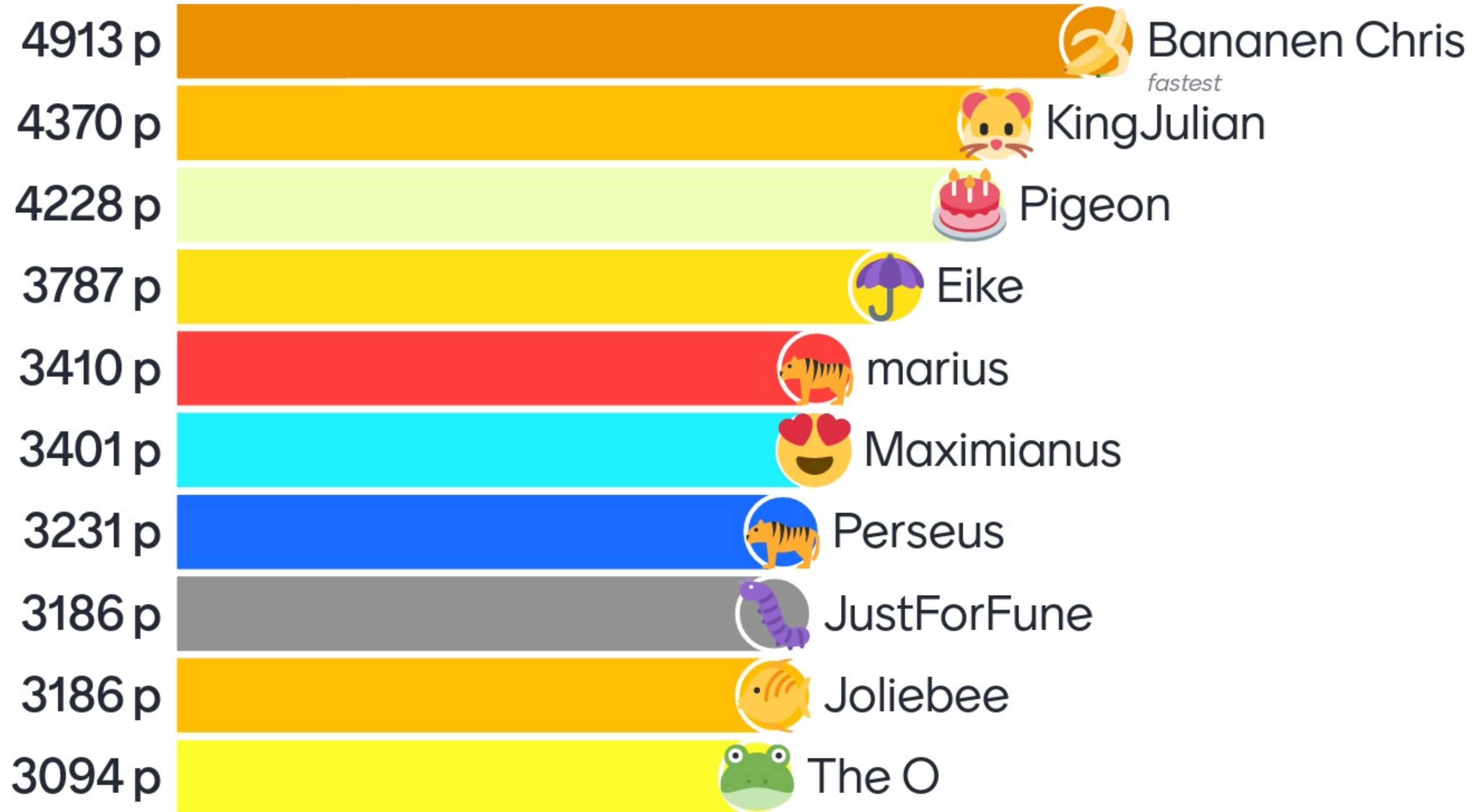
Leaderboard



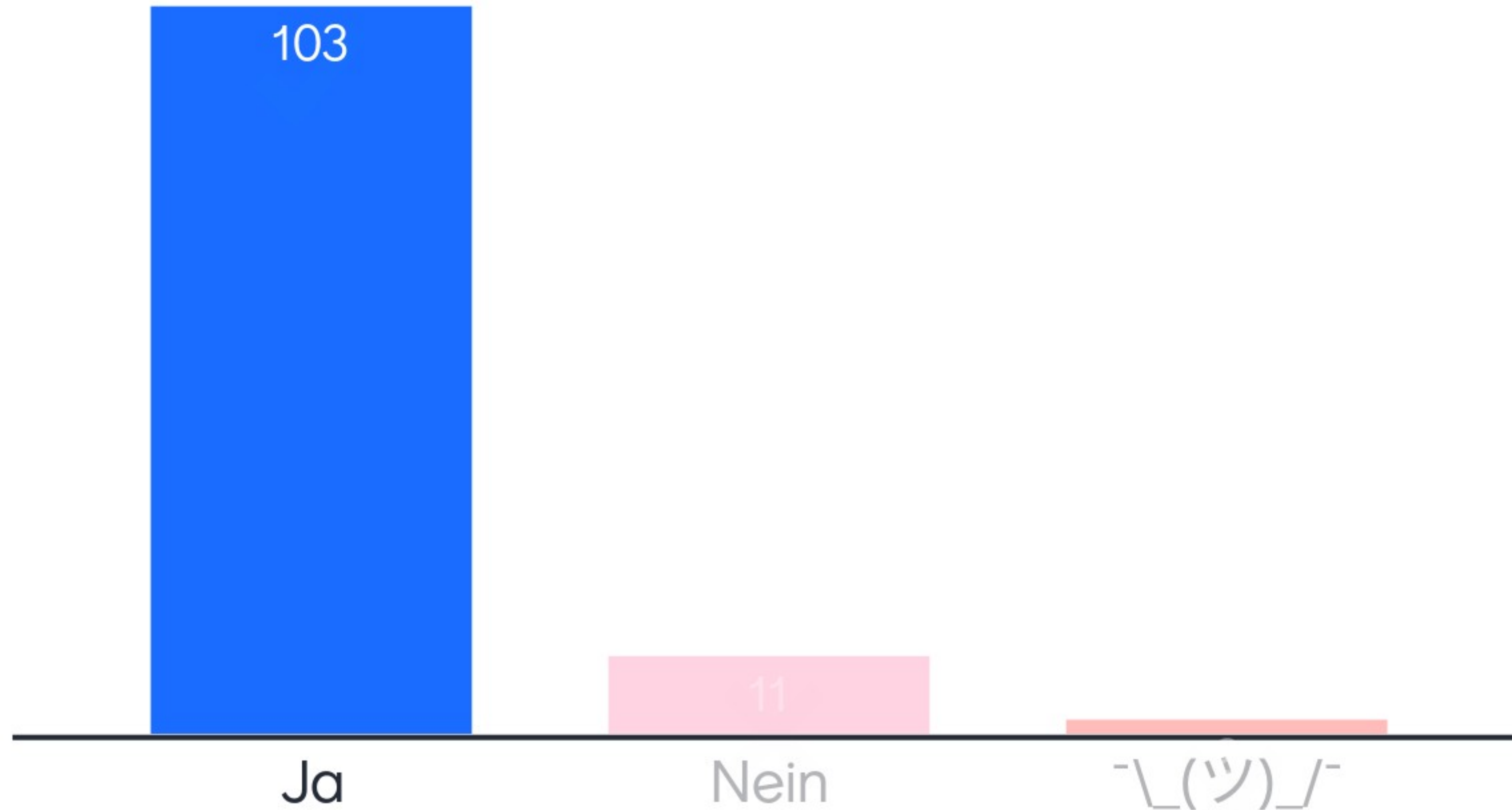
5 Ist die folgende Aussage wahr?



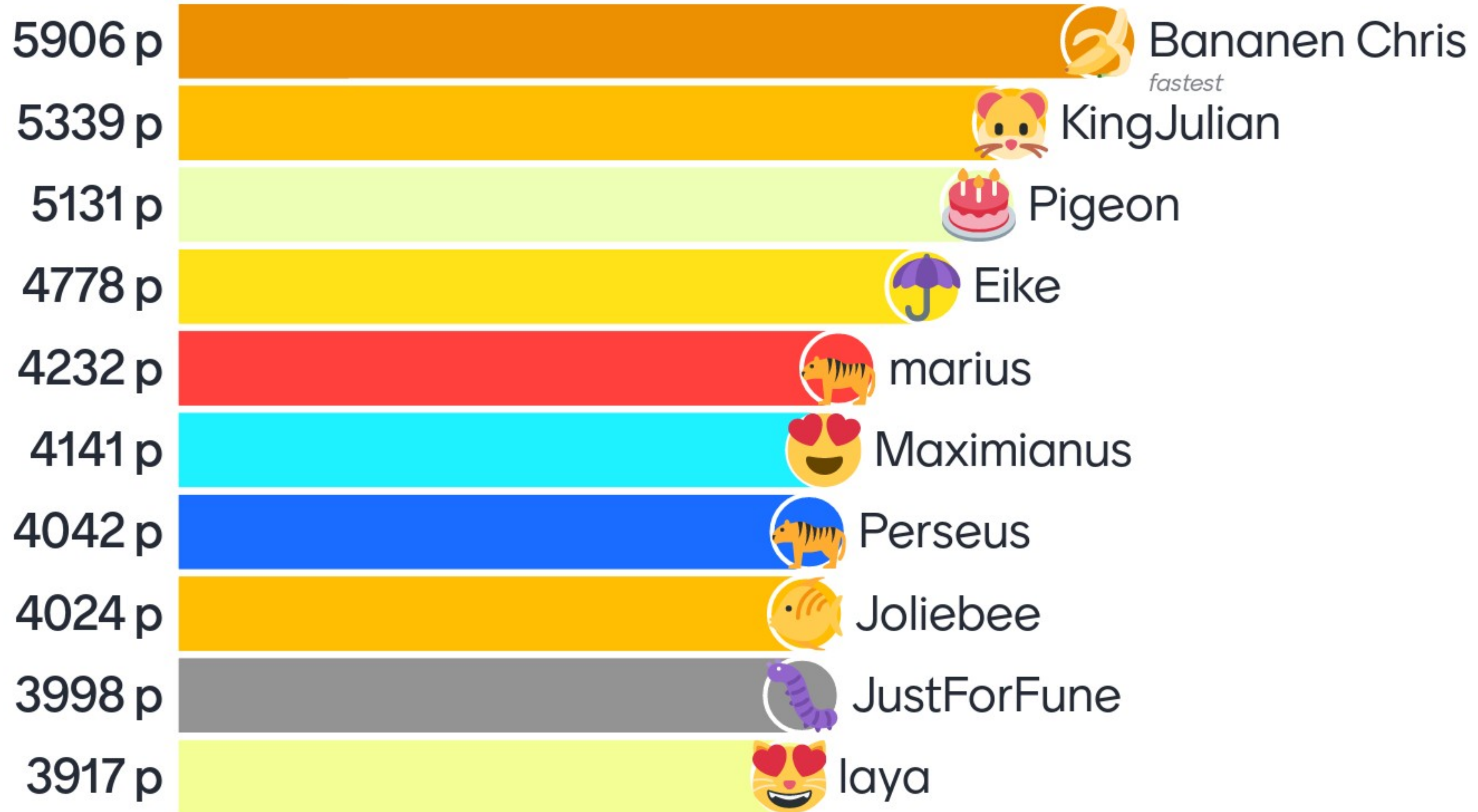
Leaderboard



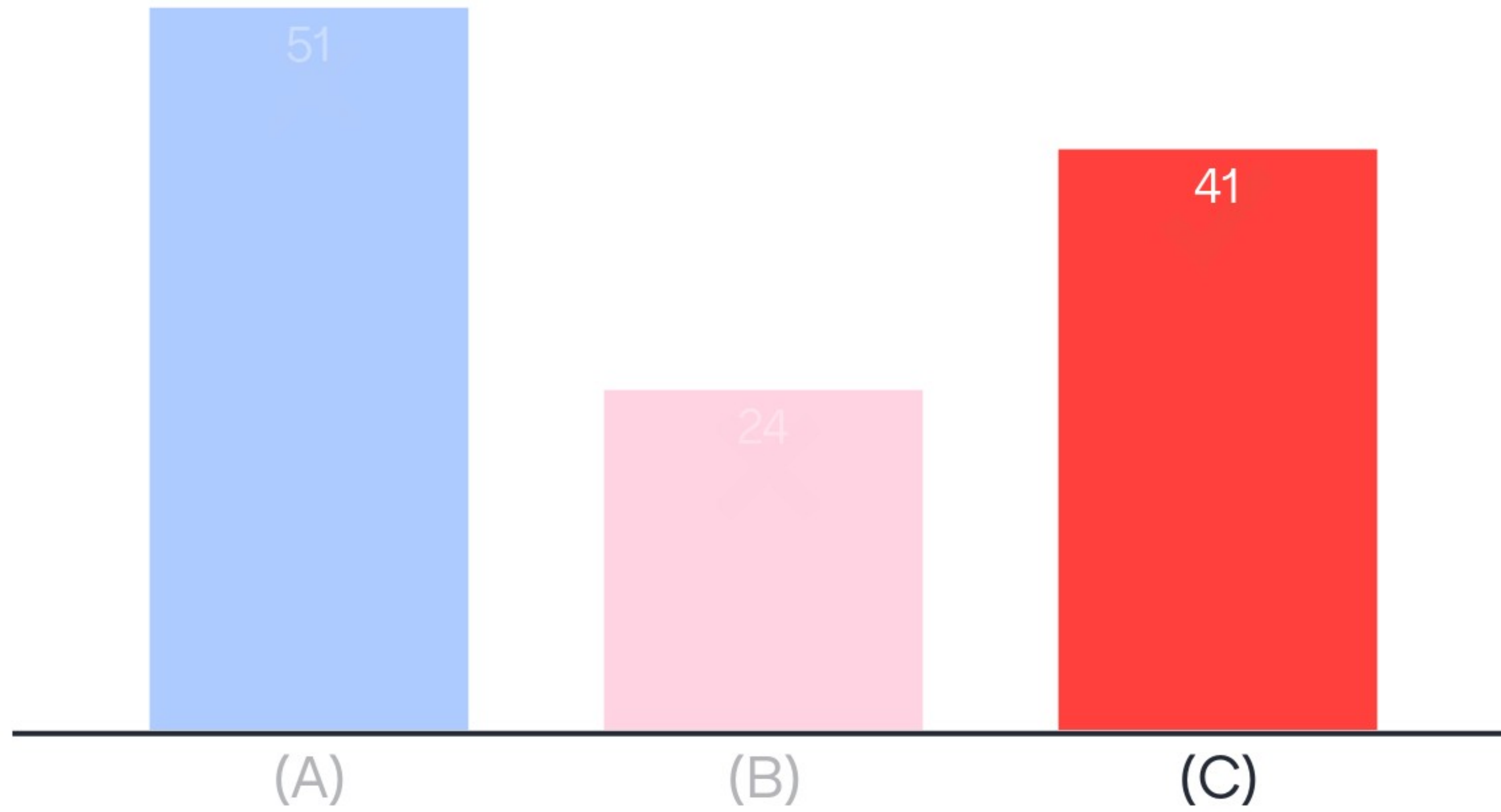
6 Ist die folgende Aussage wahr?



Leaderboard



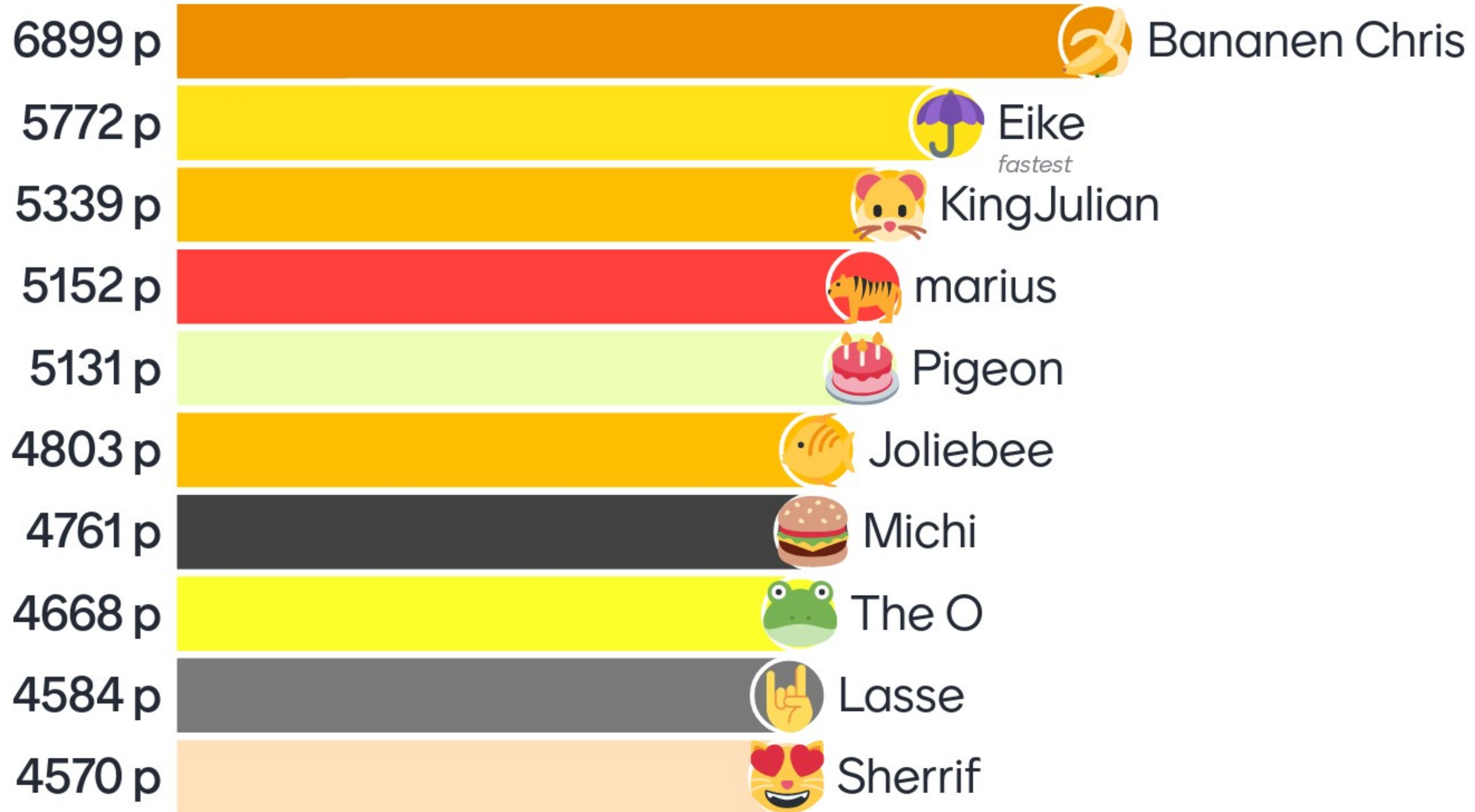
Frage 7



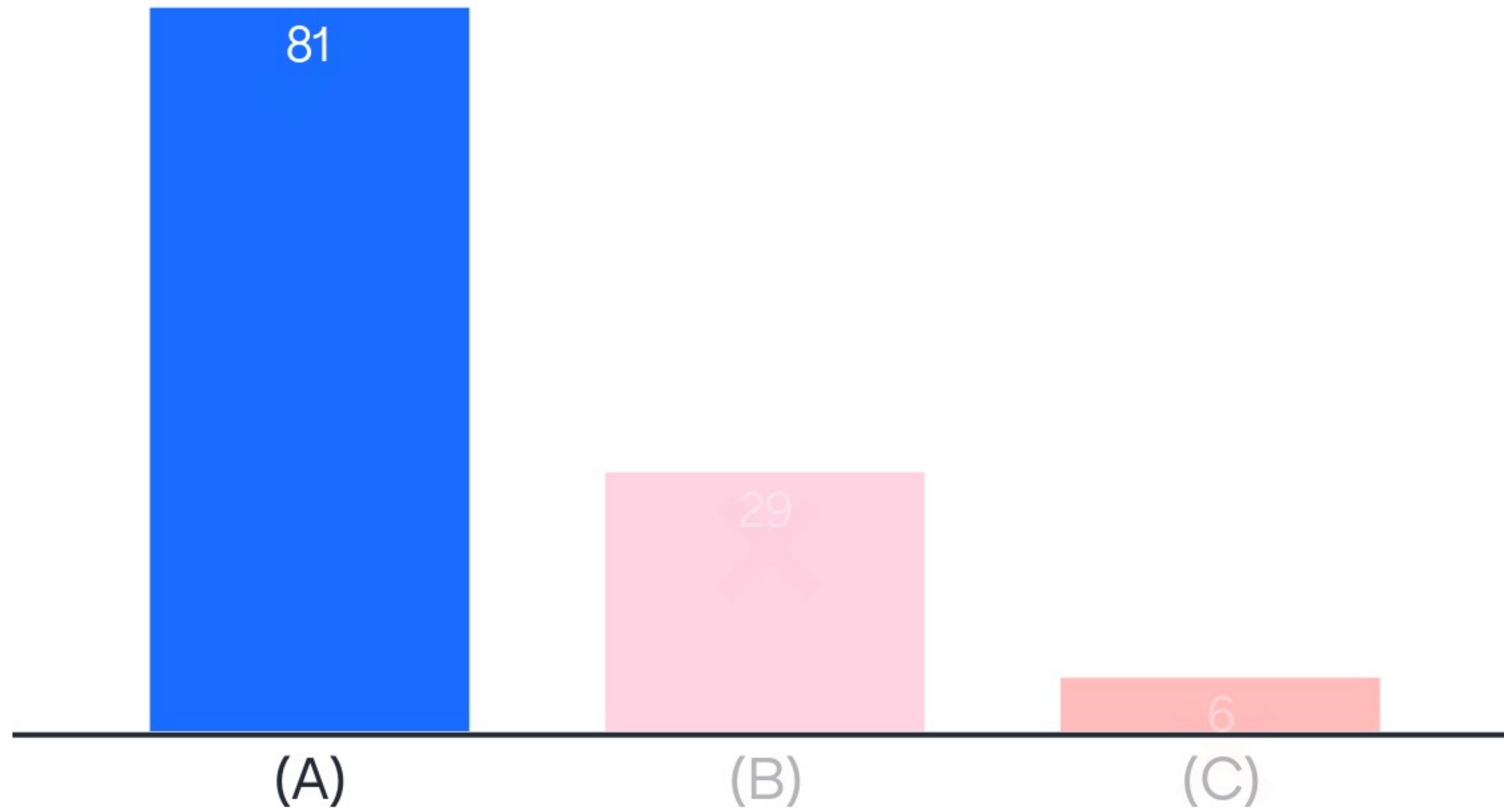
Die Funktion $f(n) := 5n^6 + 4n^4 + 7n^3 + 27n - 9$ liegt in...

- (A) nur in $O(n^6)$
- (B) nur in $\Omega(n^6)$
- (C) in $\Theta(n^6)$

Leaderboard



Frage 8



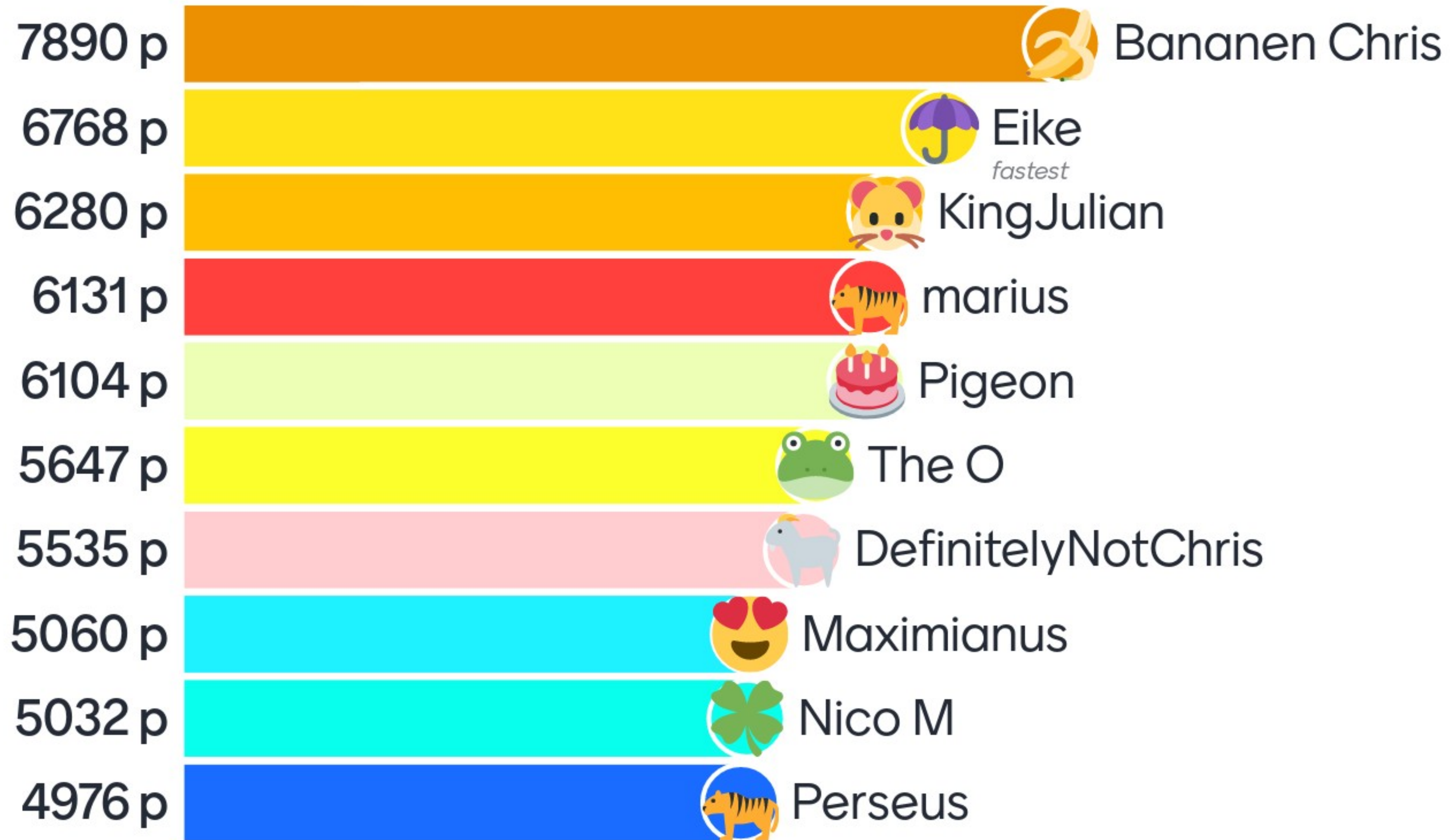
Die Funktion $f(n) := 2^n$
liegt...

(A) nur in $O(3^n)$

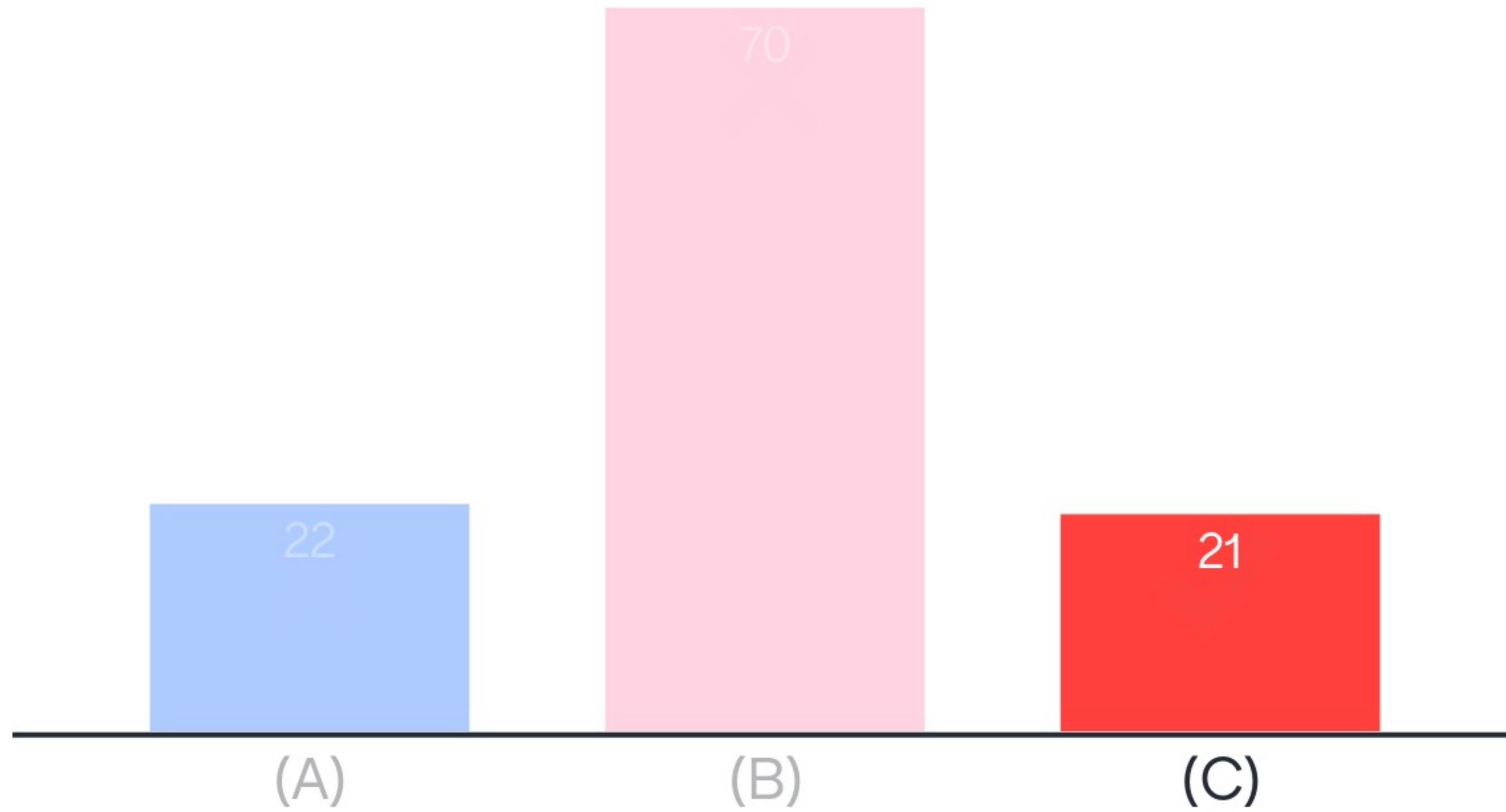
(B) nur in $\Omega(3^n)$

(C) in $\Theta(3^n)$

Leaderboard



Frage 9



Die Funktion $f(n) := \log_2(2^n)$
liegt in...

(A) nur in $O(\log_2(3^n))$

(B) nur in $\Omega(\log_2(3^n))$

(C) in $\Theta(\log_2(3^n))$

Leaderboard

