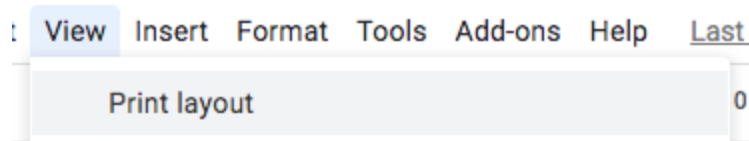


Introduction

Images will look blurry on most mobile devices. Open this document on desktop for the best experience.

For a nicer experience going through this doc, turn off “Print Layout” by going to: **View > Print Layout**

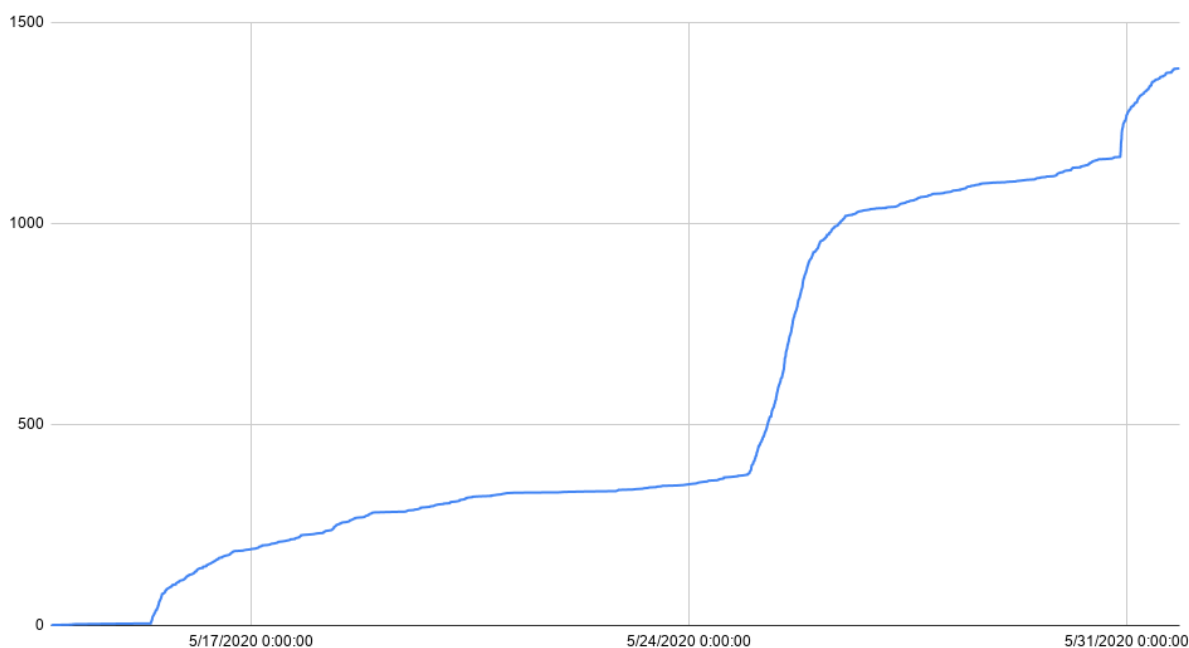


The time has come to publish the results of the fourth iteration of our Mega Survey. While this doc has a lot of charts and information, this is by no means all of the data we collected. For the first time, we’re making all the results publicly available (with sensitive data removed). We’re looking forward to seeing what members of the community do with the information!

[Public data dump](#)

At 1385 responses, this has been our most successful survey yet, thanks to Meme Monday!

Responses Over Time

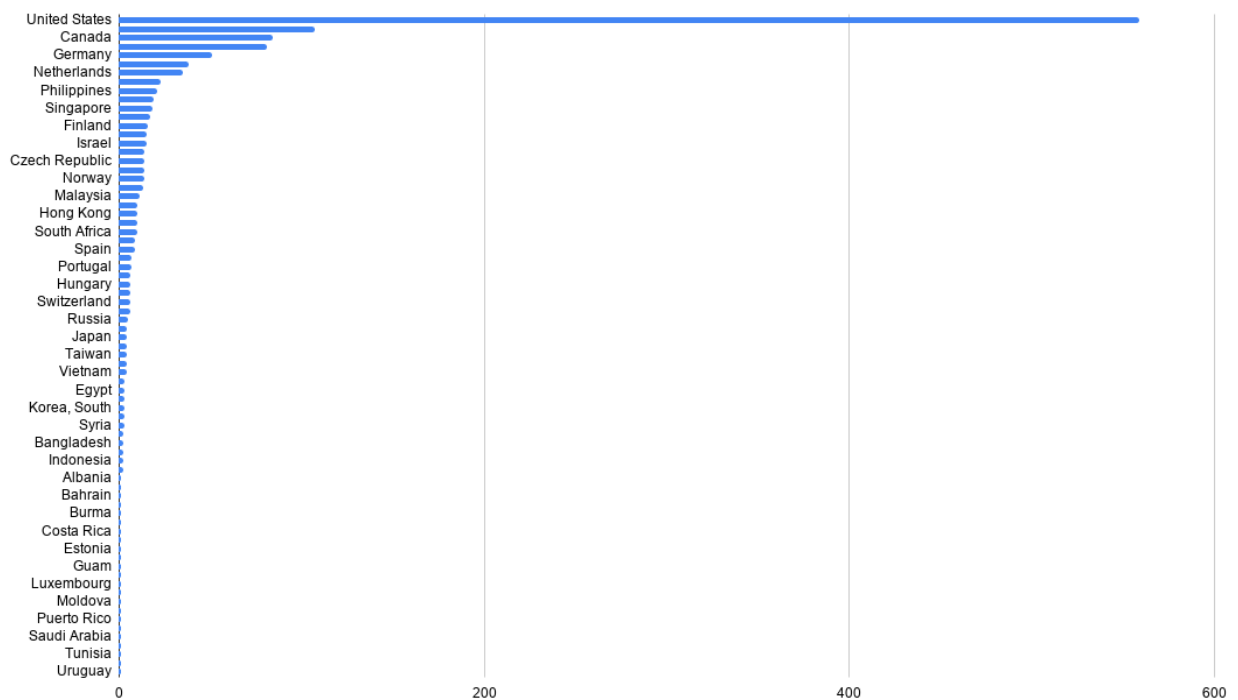


Notable spikes are when we first announced, meme monday, and our 48 hour and 24 hour posts on Reddit and in the Discord server. Speaking of the Discord server, we feel obligated to remind everyone that we have one given that many people seem to either not know about it or don’t participate.

<https://discord.gg/cubers>

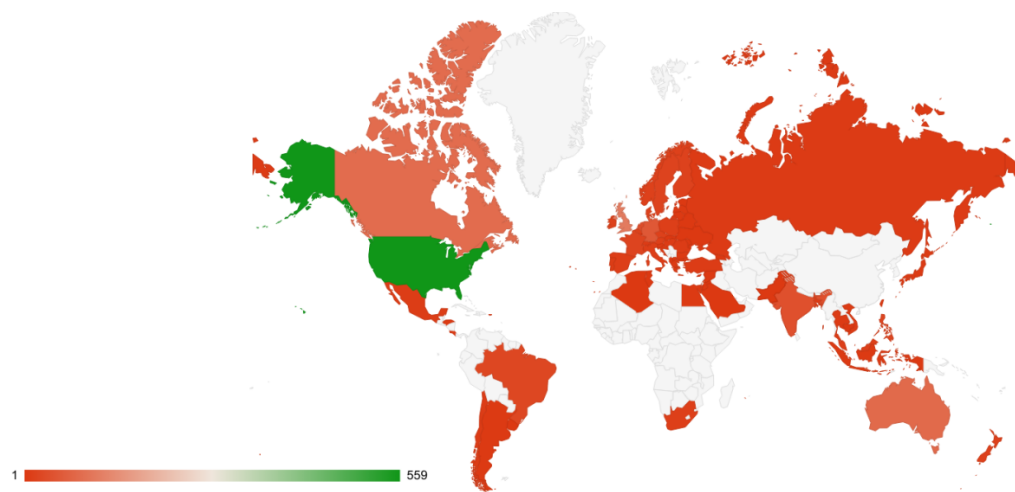
Demographics/Meta

Responses by Country

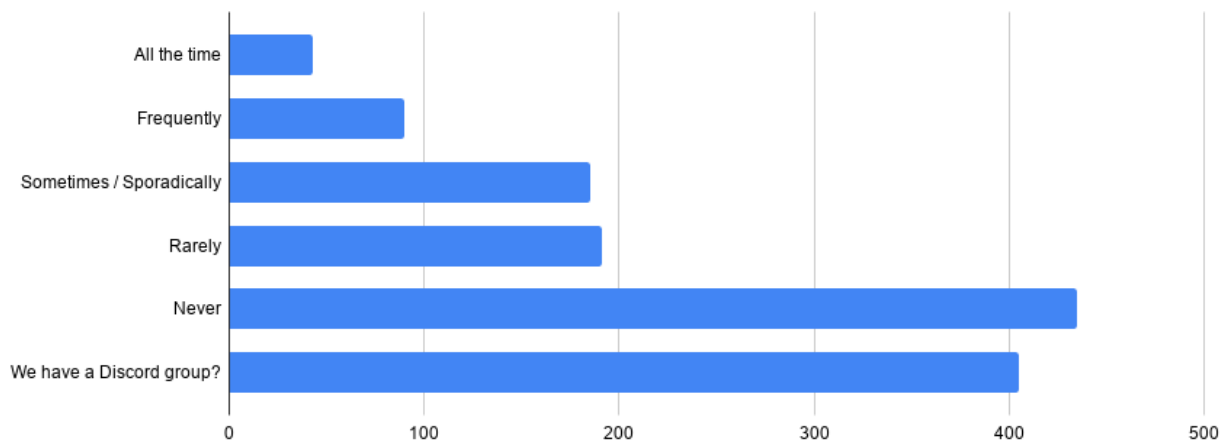


Here is a breakdown of response by country. While predominantly US responses, we still have a diverse

set of feedback. Here's another representation of the same data which emphasizes how international the cubing community is:

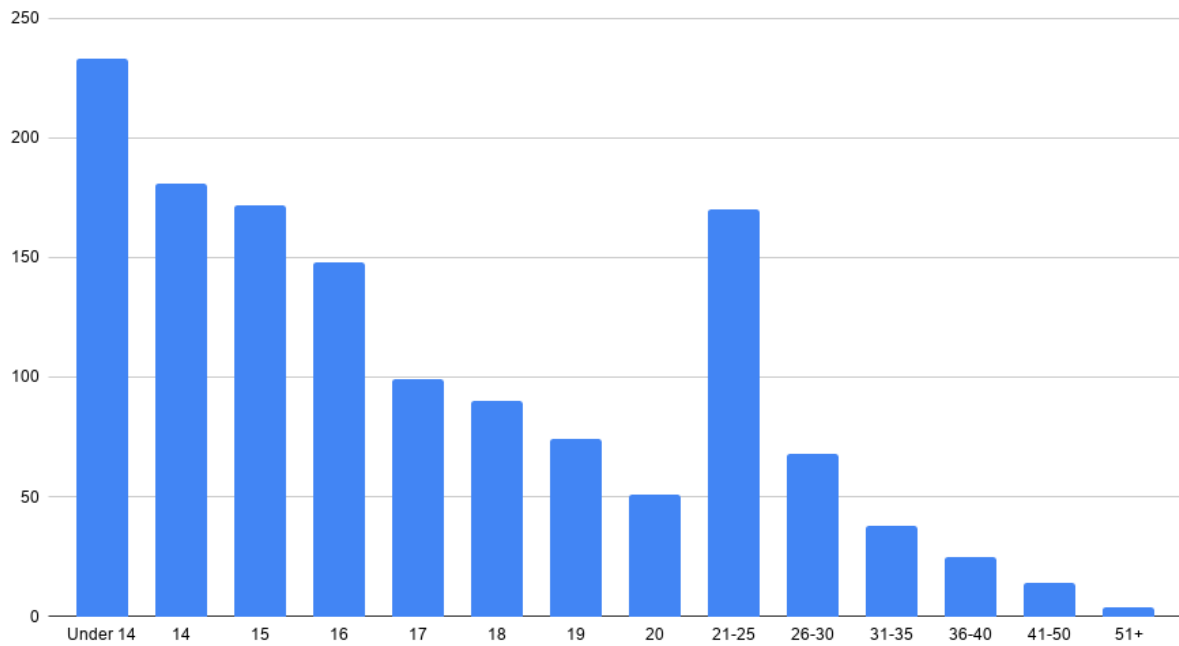


Do you ever visit the /r/Cubers Discord group?

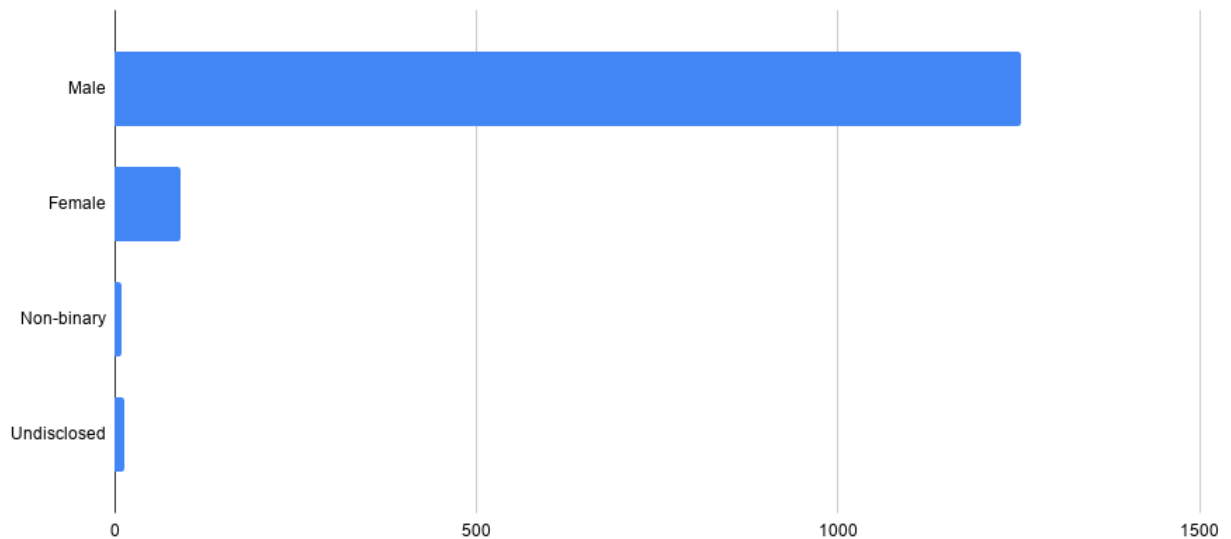


Psst... Again... <https://discord.gg/cubers>

How old are you?

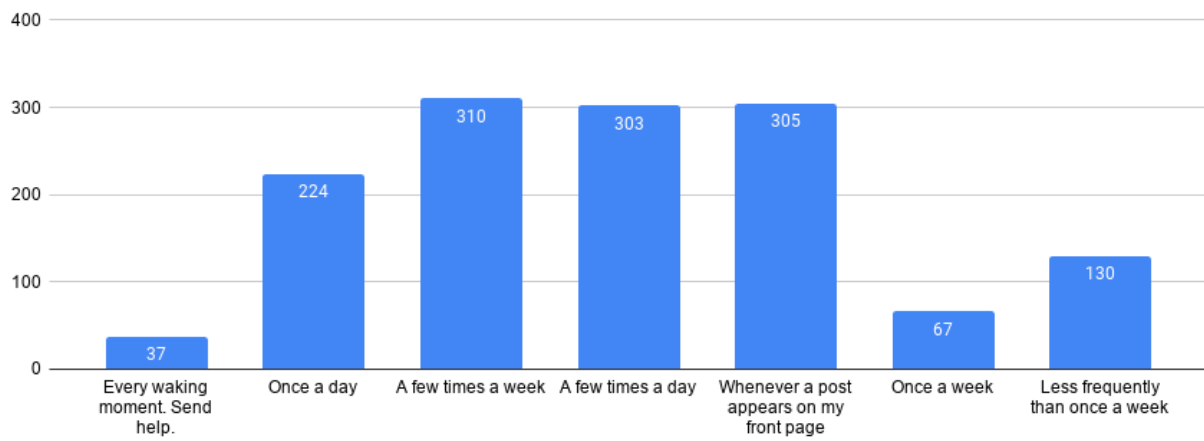


Honestly, not too much of a shock here. 25 and below seems to be the primary demographic for this sub, but it's nice to see some older members in the community, too!

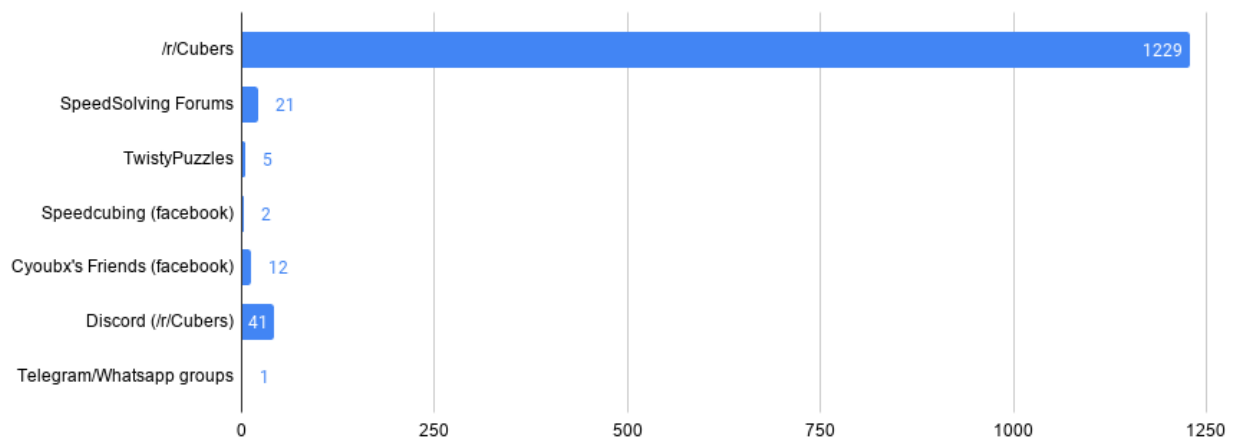


Again, nothing that interesting. The cubing world has been known to be male dominated for a long time.

How often do you visit /r/cubers?

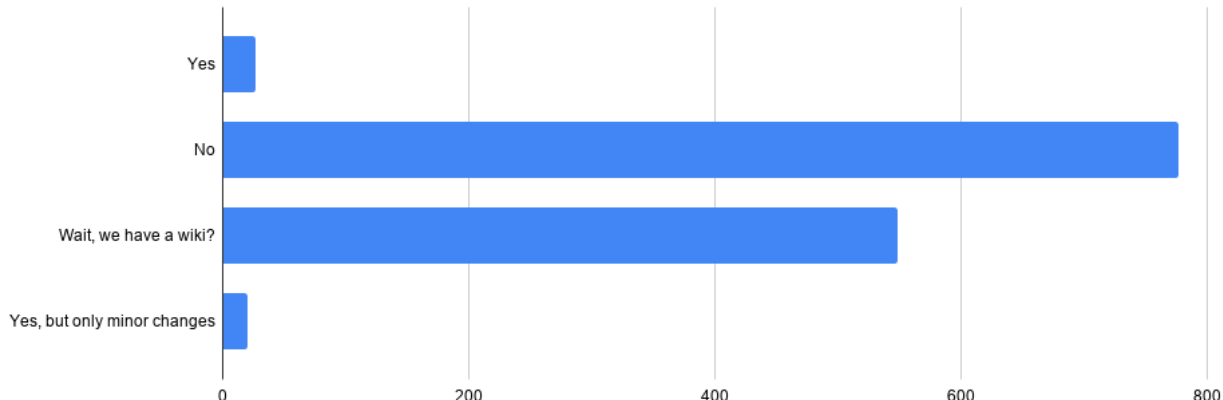


What online cubing communities do you frequent?



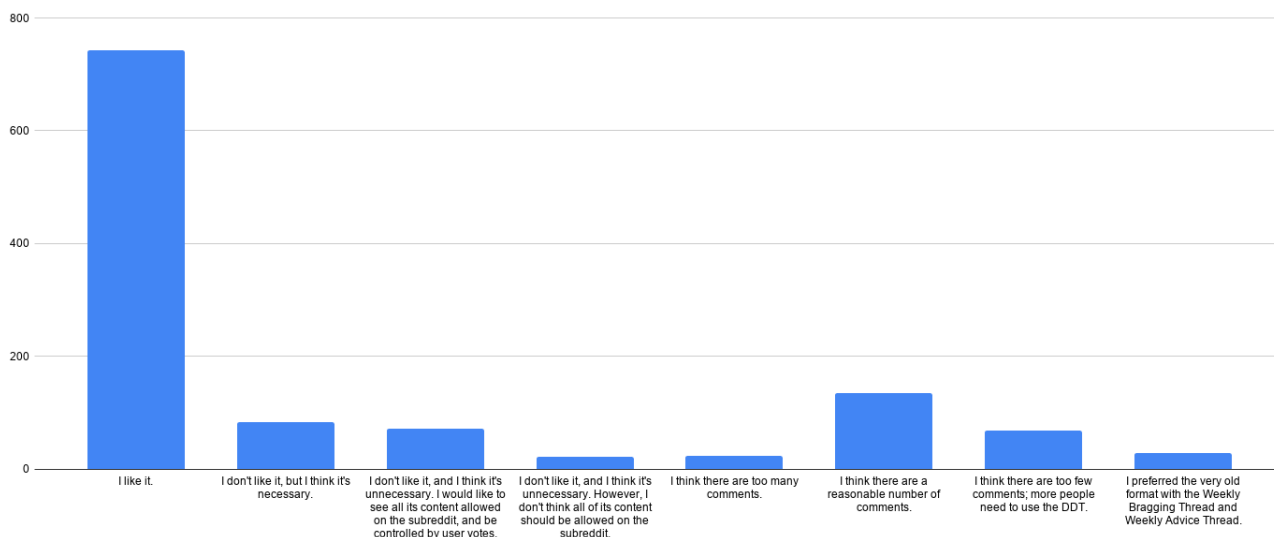
Maybe the responses are inherently biased for this one...

Have you ever edited the /r/Cubers wiki?



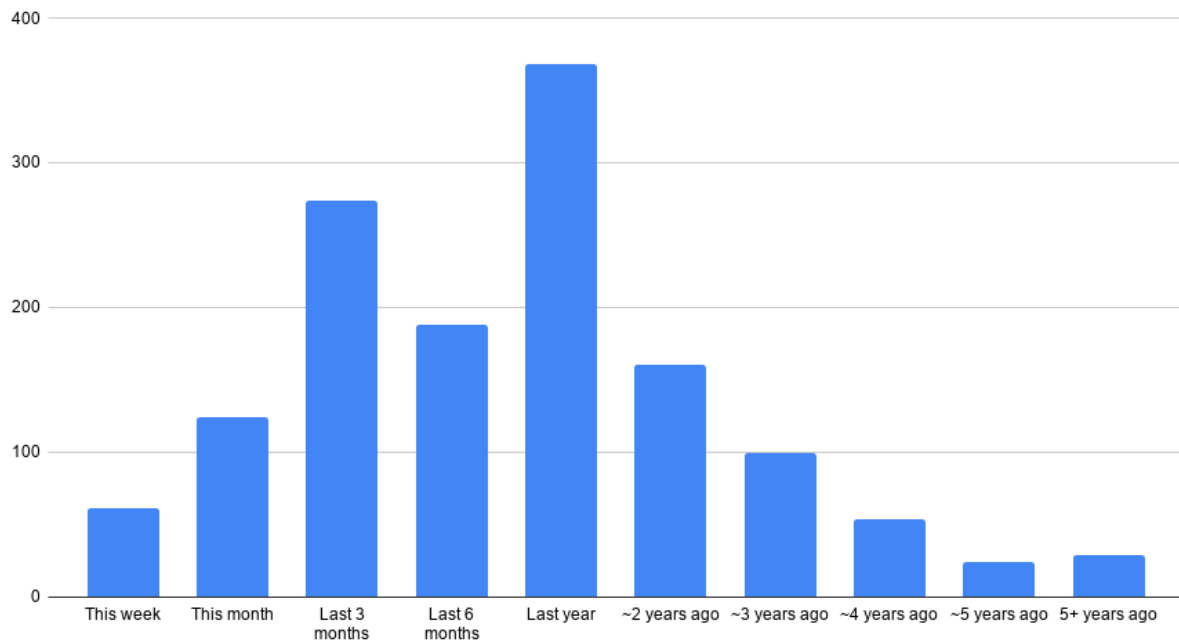
A lot of people weren't aware of the wiki while taking the survey and while those hopefully are now, here's the link for everyone else who's interested: <https://www.reddit.com/r/Cubers/wiki/index>
Here, you can find lots and lots of information on cubing - how to get faster, which puzzles to get, where to get them, and much more. Besides a few selected articles, everything is open to edit for anyone with an account older than 60 days and more than 100 karma.

What do you think of the Daily Discussion Thread (DDT)?

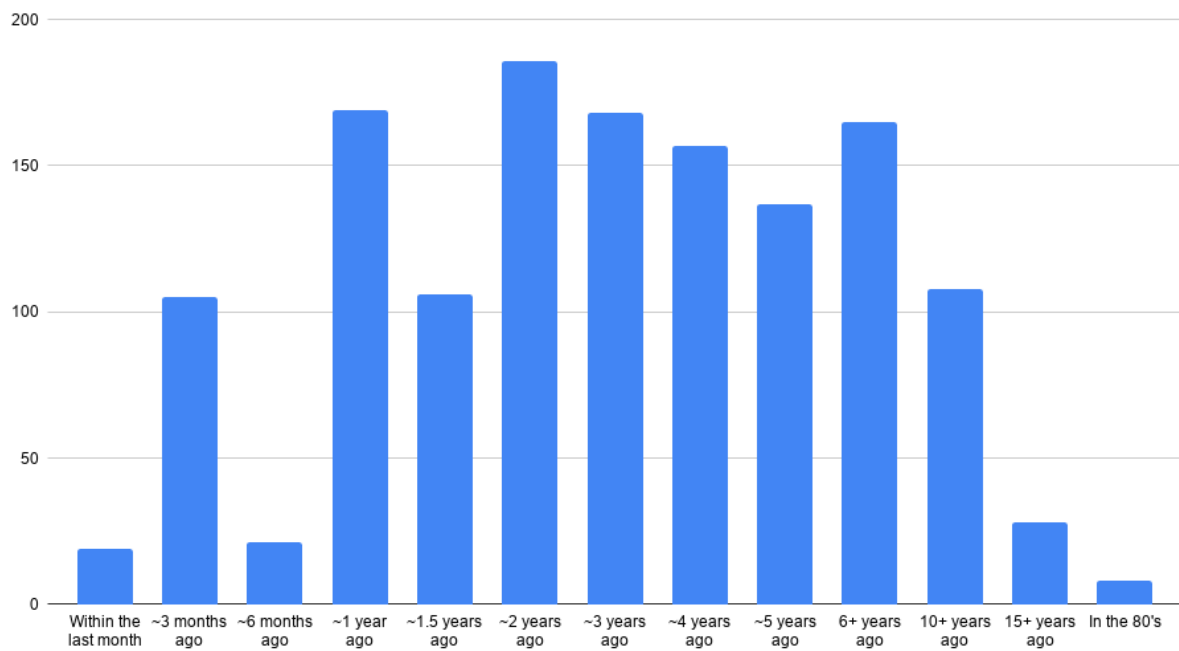


Overall, the responses seem to be in favor of the DDT.

When did you first discover /r/cubers?

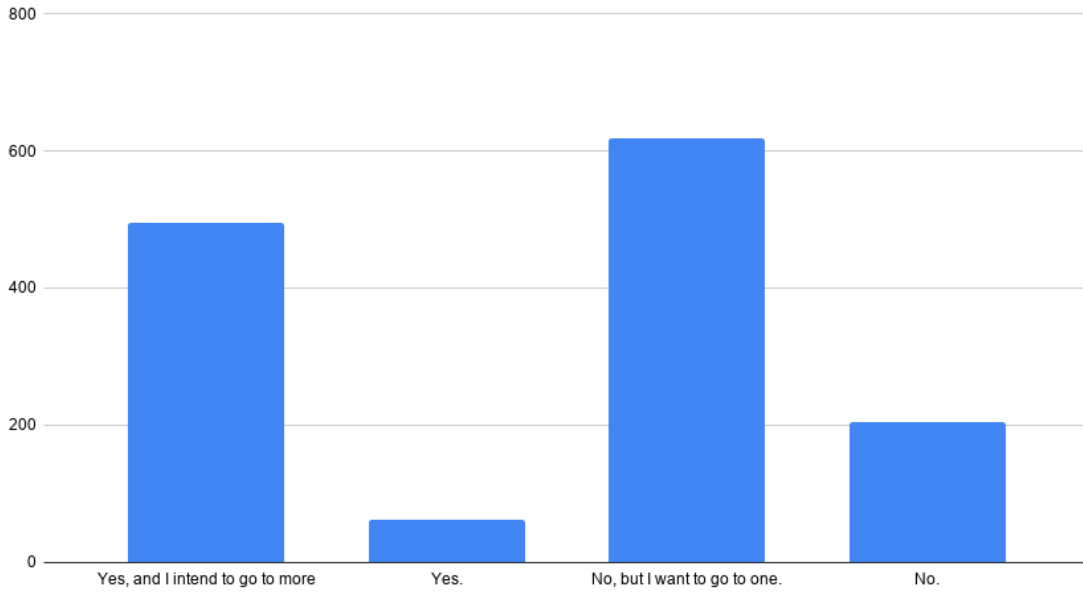


When did you first become involved in cubing?

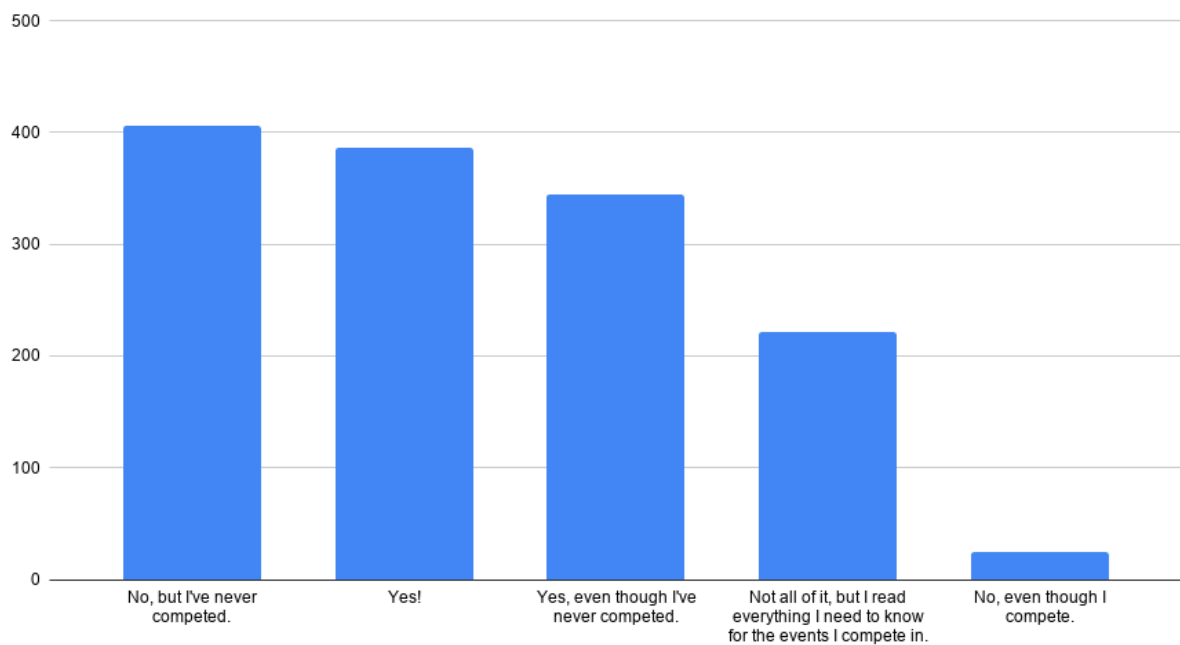


Cube Stuff

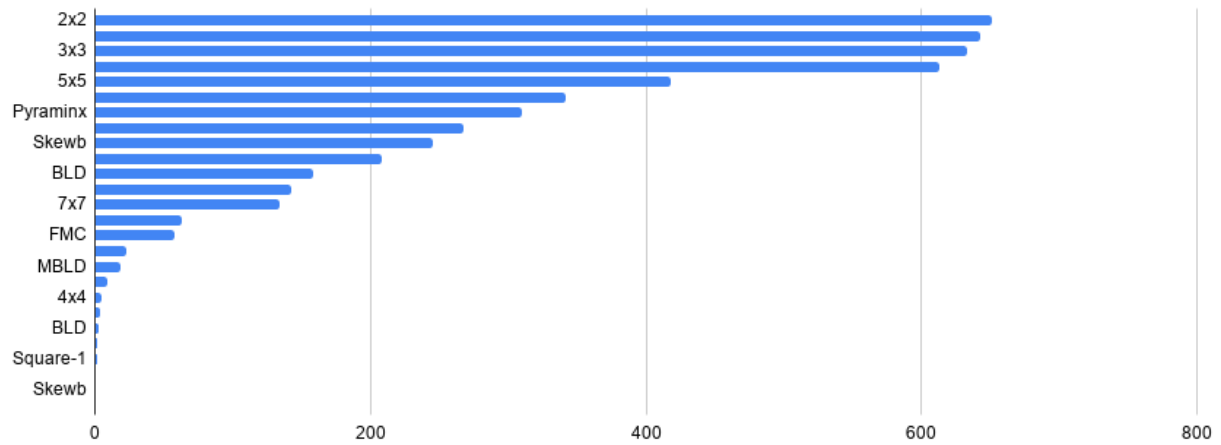
Have you ever been to a WCA competition?



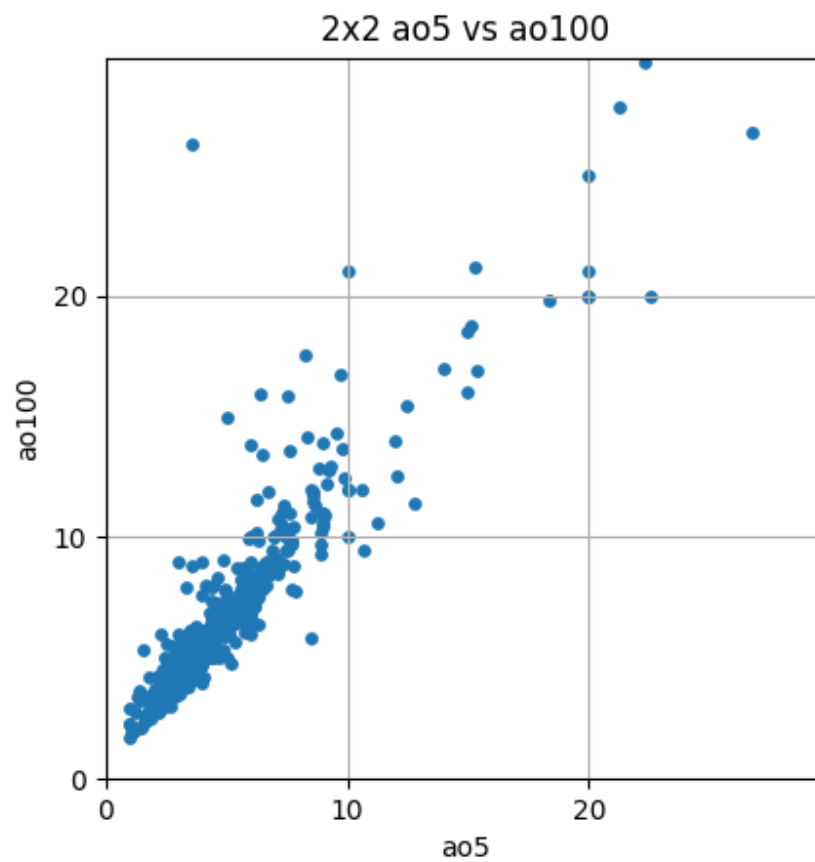
Have you ever read the WCA regulations?



Which events do you routinely practice?

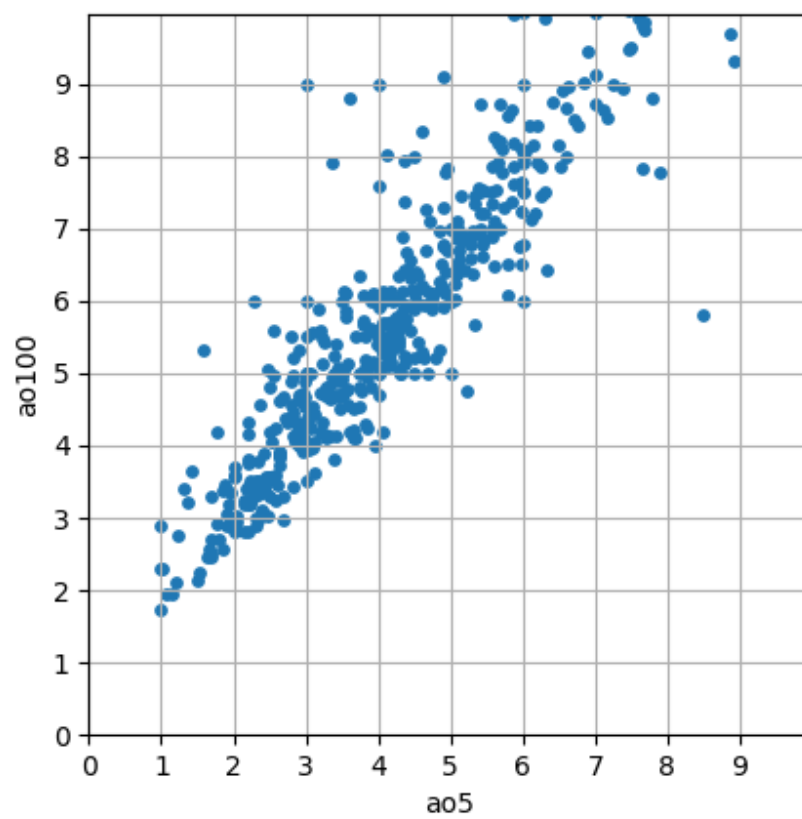


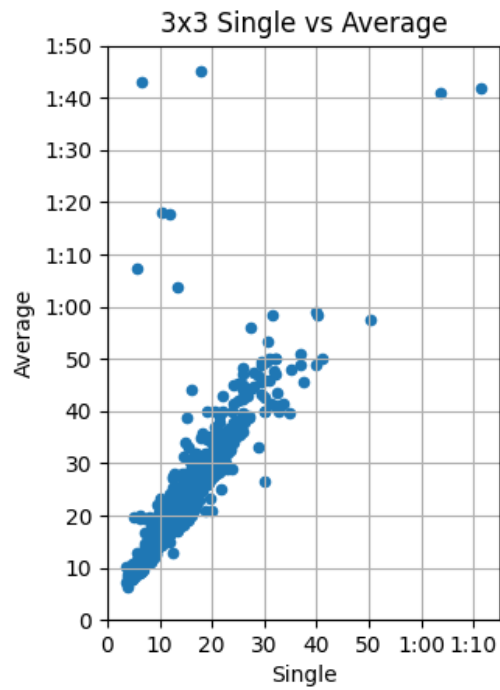
Seems like 2x2 is more popular than 3x3 which is a bit of a surprise.



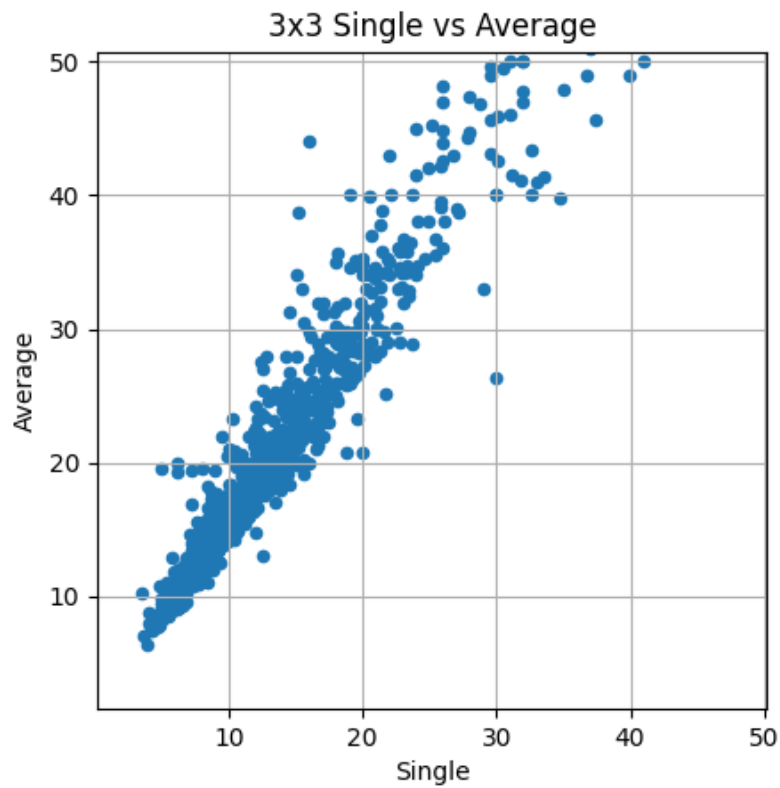
These are the responses for best 2x2 ao5 and ao100 plotted against each other. Here's a closeup on the graph for all sub10 data points:

2x2 ao5 vs ao100



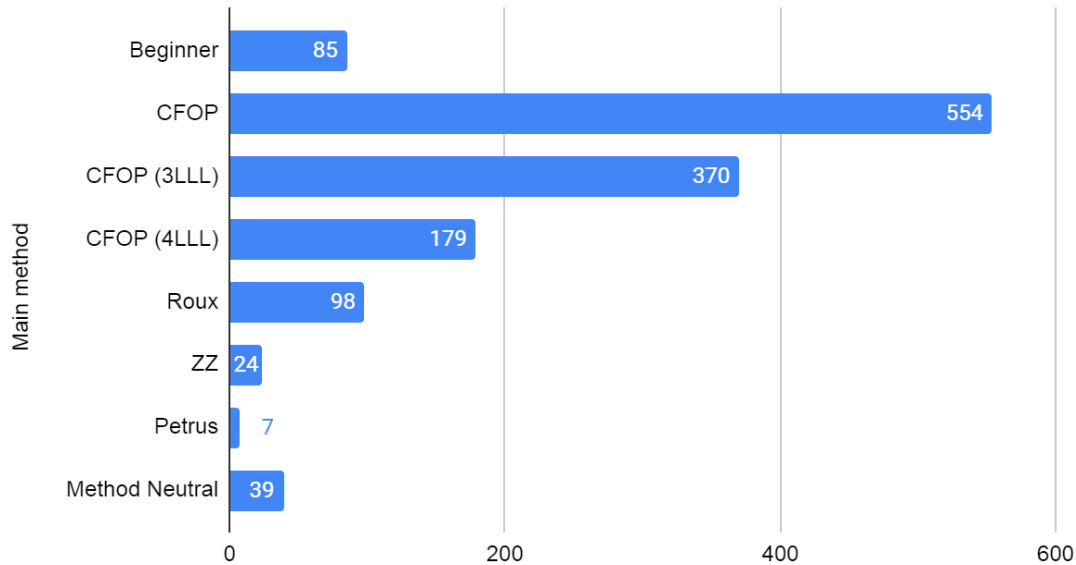


In the survey we asked for 3x3 PB singles and average of 100s which we plotted against each other. Here's a closeup on the same graph:



3x3 Stuff

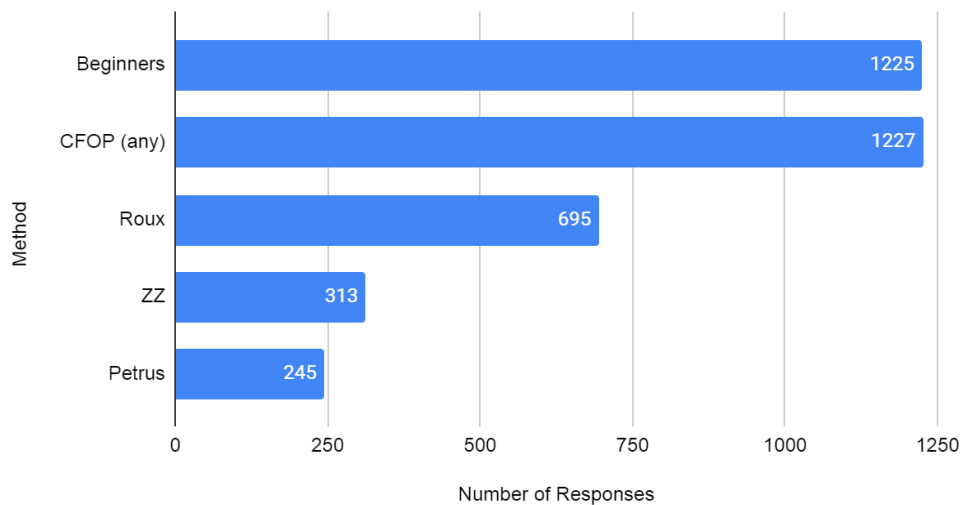
What do you consider your "main" method to solve a 3x3?



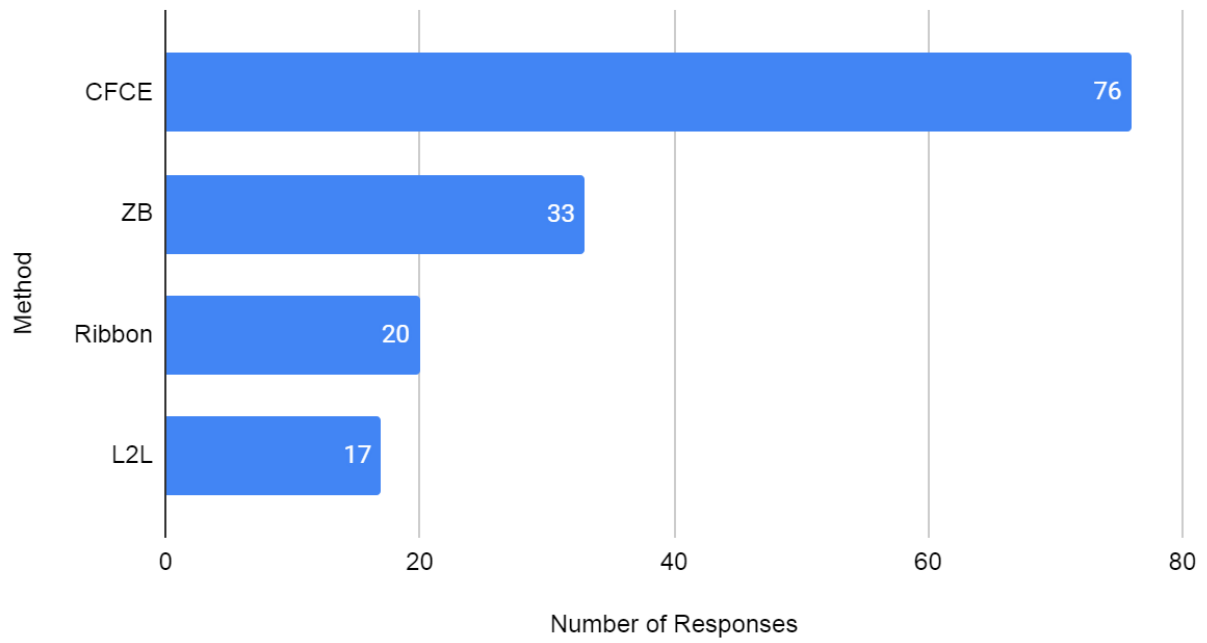
Unsurprisingly, the subreddit is highly CFOP-dominant. The next most popular method, Roux, barely outnumbers people using a beginner method. This chart excludes methods with fewer than 7 responses. Notable such responses include Waterman, 3-style, ZB, Tripod, Corners First, and people who use F2L but a beginner's last layer.

Which of these 3x3 methods do you know?

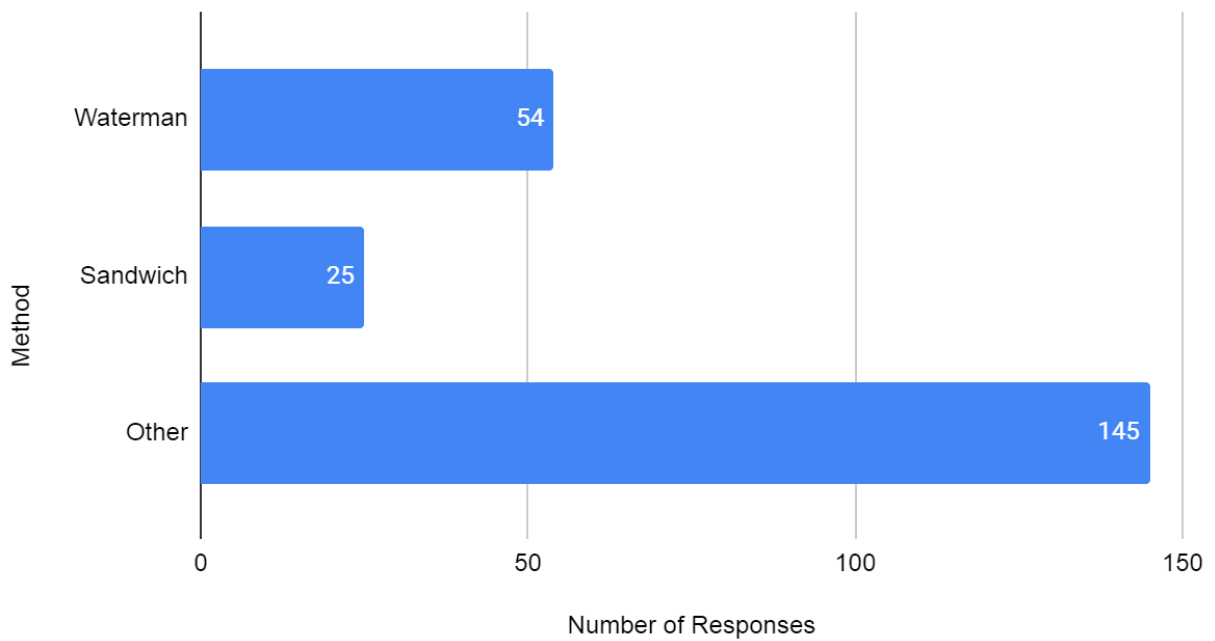
The "Big" Ones



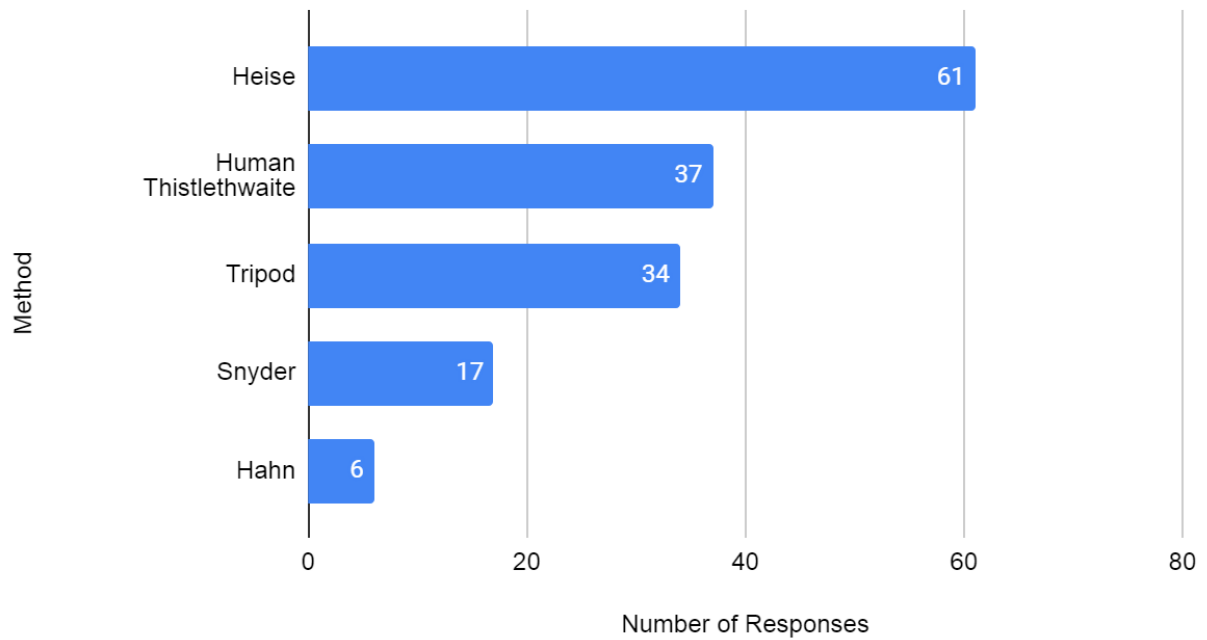
LBL-based/Variants



Corners First

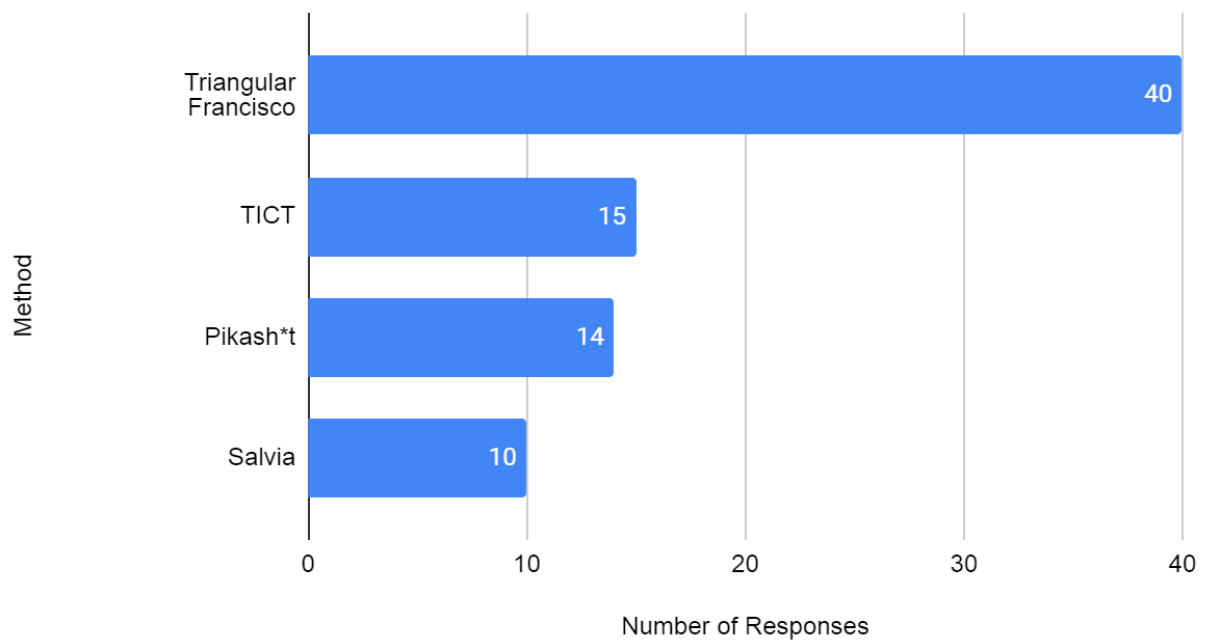


FMC-esque and Blockbuild-type

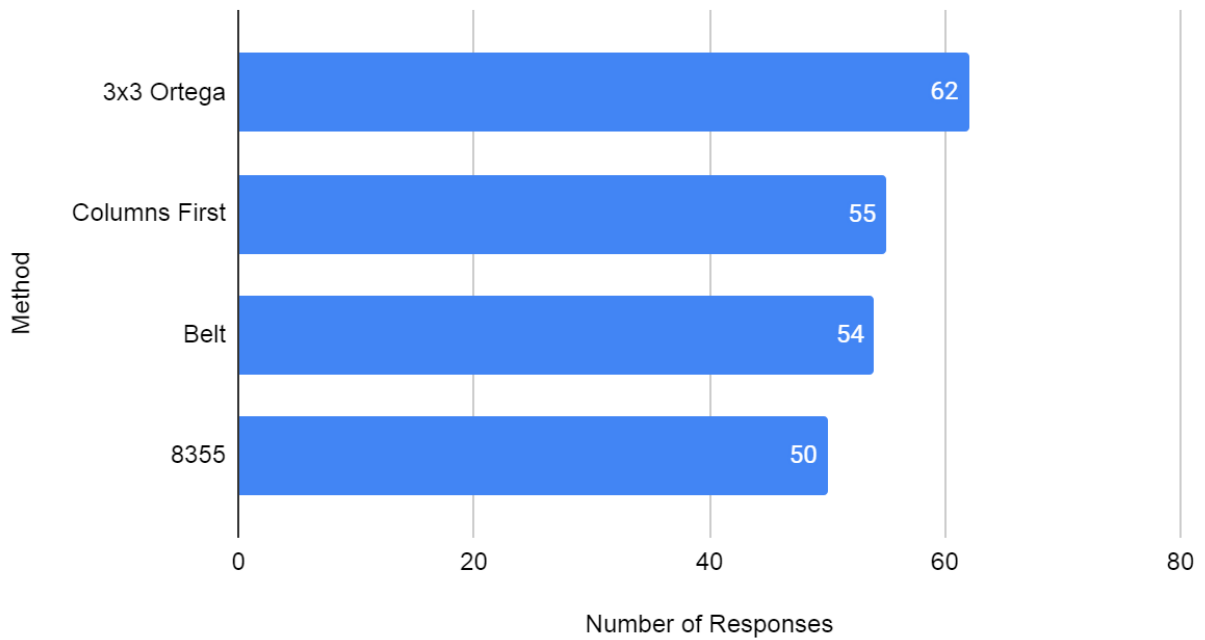


Not included in this chart are some responses that include intuitive blockbuilding as well as Domino Reduction-type methods.

Joke/Novelty



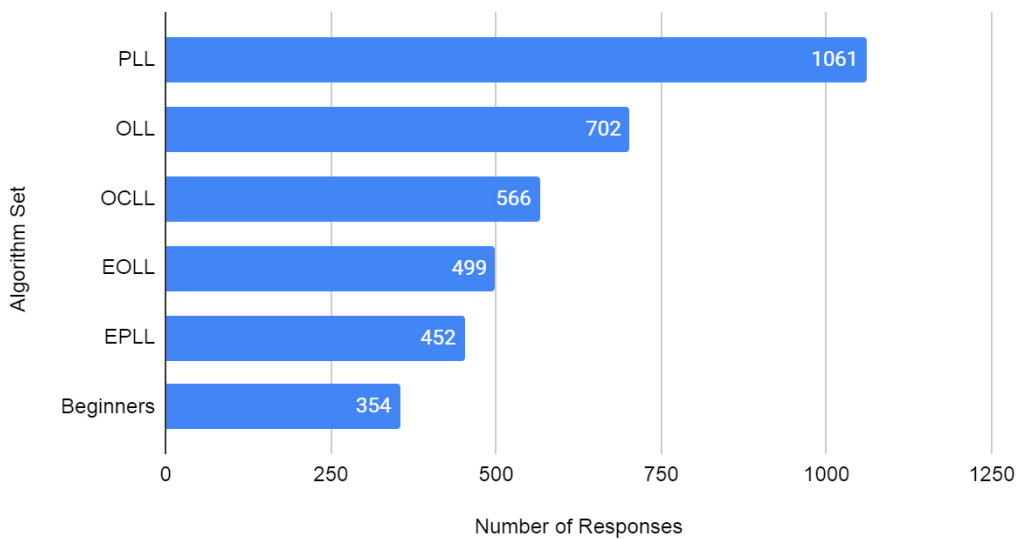
Other Methods



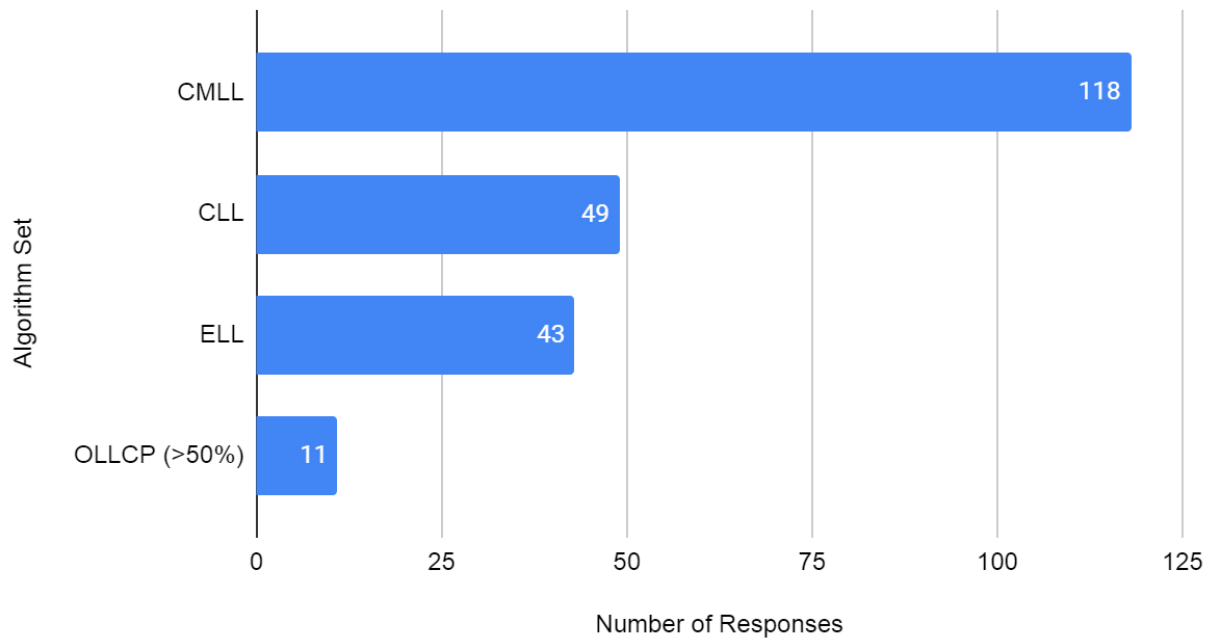
Notable remaining methods with few responses (not shown in charts) include YruRU, Zipper, and various BLD methods.

What 3x3 algsets/subsets do you know?

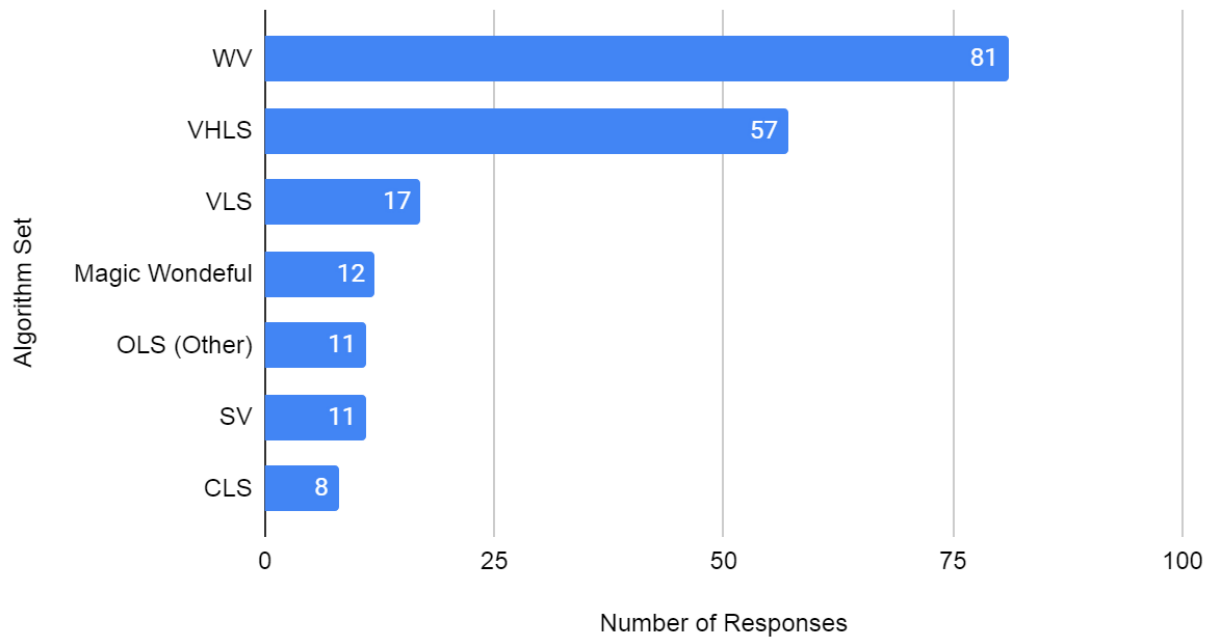
CFOP-based Algorithms and Subsets Known



Some Last-Layer-Type Algorithm Sets



Last Slot Sets

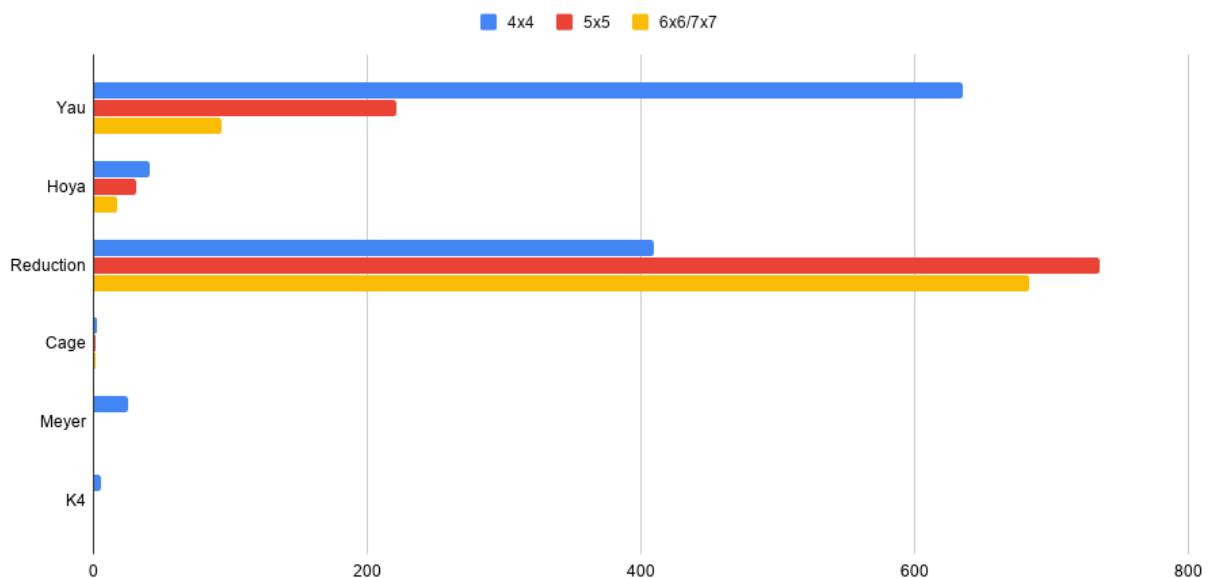


COLL and Extensions

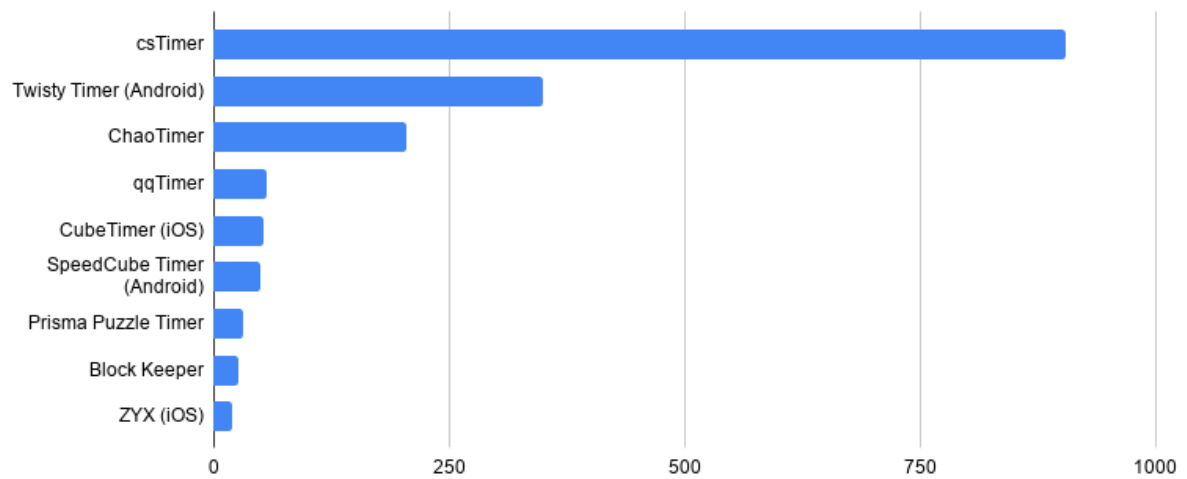
COLL H	233	2GLL U	38	ZBLL U	24
COLL U	203	2GLL T	38	ZBLL T	22
COLL T	184	2GLL H	29	ZBLL H	14
COLL Pi	183	2GLL L	26	ZBLL L	14
COLL L	176	2GLL Pi	24	ZBLL Pi	12
COLL S	128	2GLL S	19	ZBLL S	10
COLL AS	116	2GLL AS	18	ZBLL AS	9

This is interesting because it hints at the usual order in which people learn these sets. The ordering of popularity for 2GLL and ZBLL is identical, but trends emerge when considering COLL also. COLL H being the most popular is unsurprising, as it consists of 4 algorithms, 3 of which are combinations of other commonly known algs. The lack of popularity of Sune and Antisune is unsurprising also, as the speed of the standard alg and difficulty of recognition mean that there is comparatively less of an advantage to learn them relative to another algset.

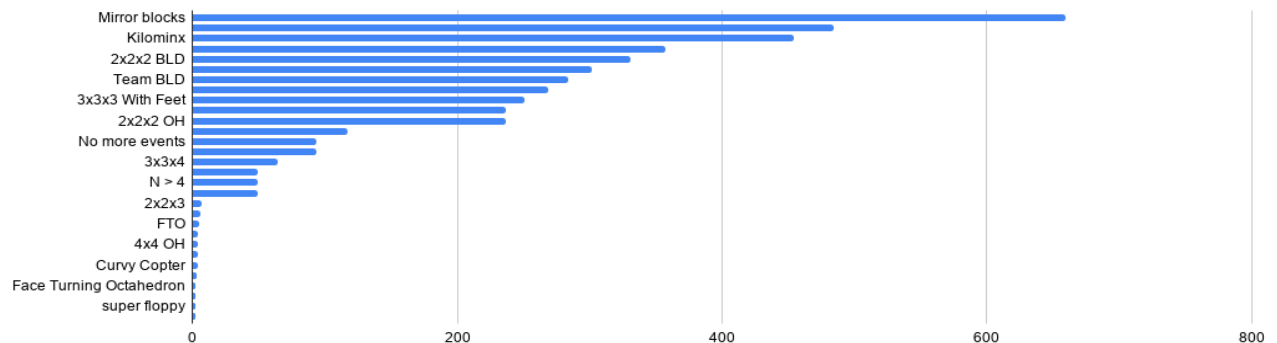
Comparison of big cube methods



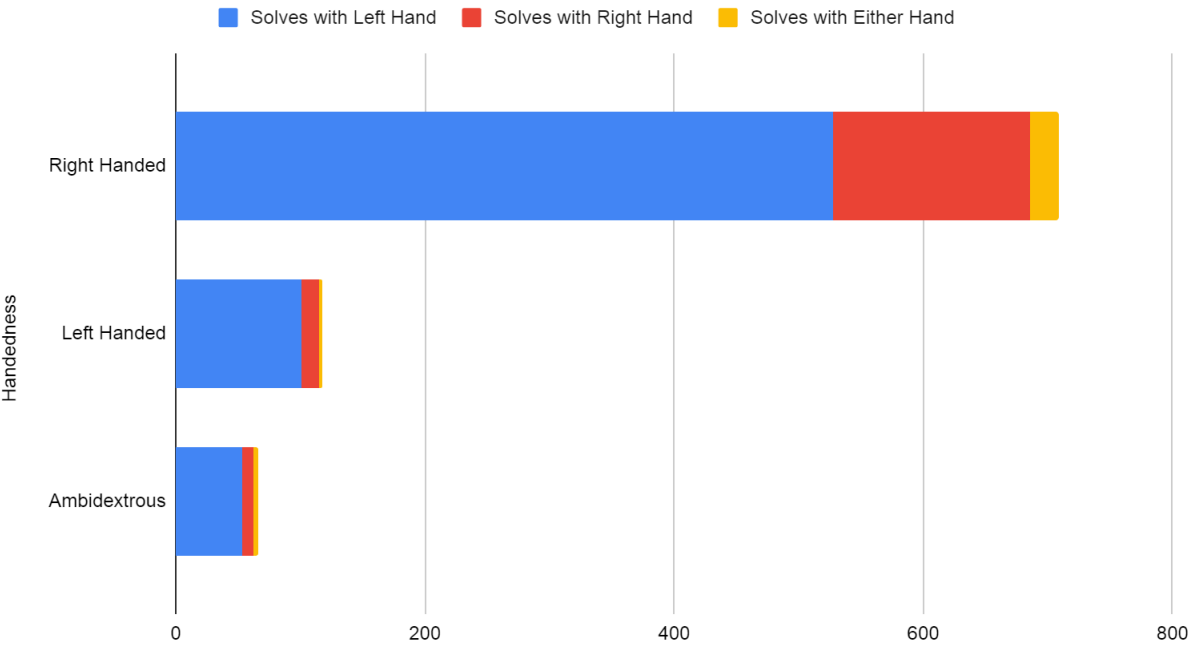
What timer do you primarily use?



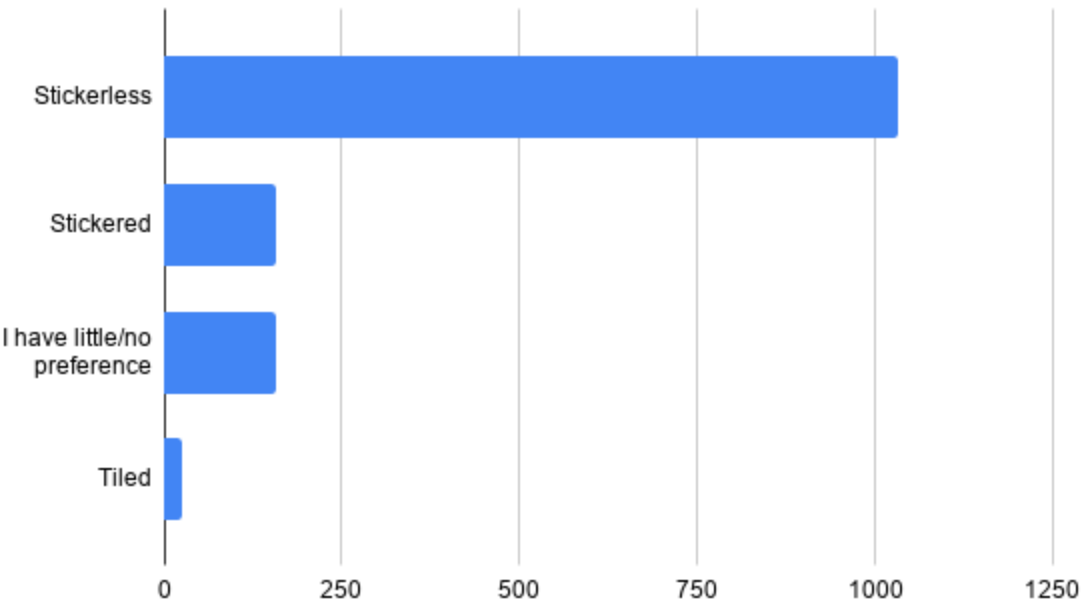
Which events would you like to see become WCA events?



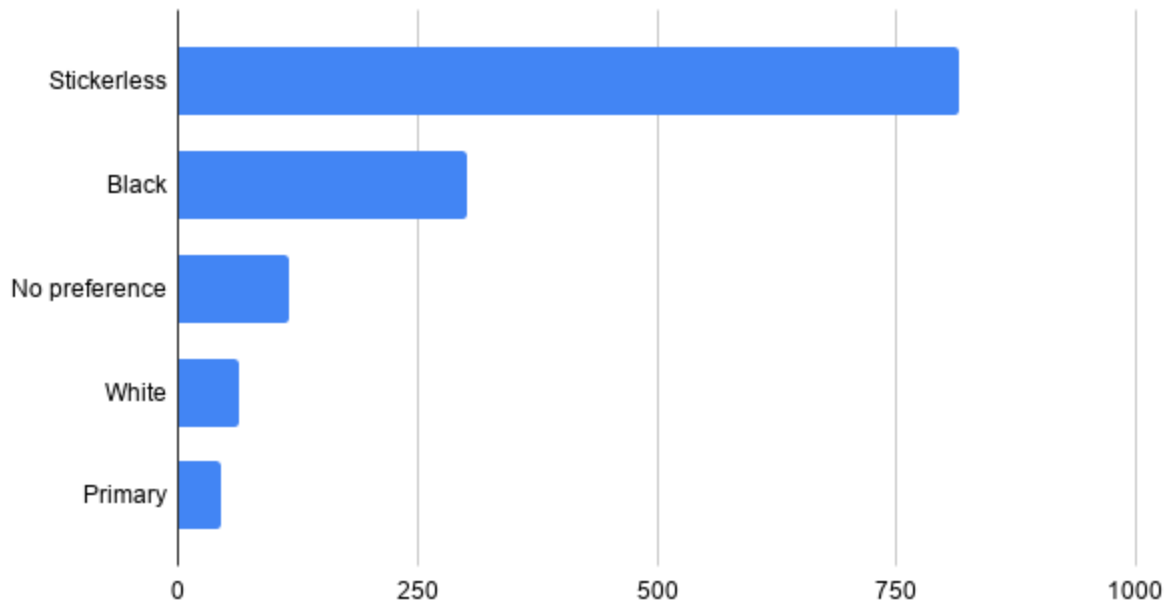
Handedness vs. OH Solving Hand



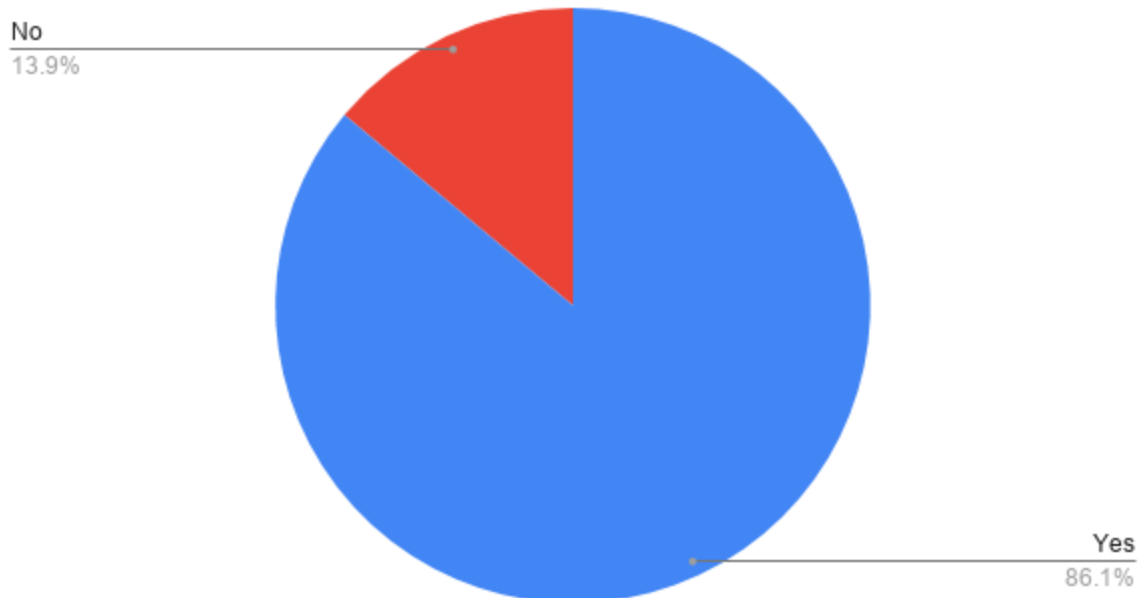
Stickerless Preference



What plastic colour suits you best?

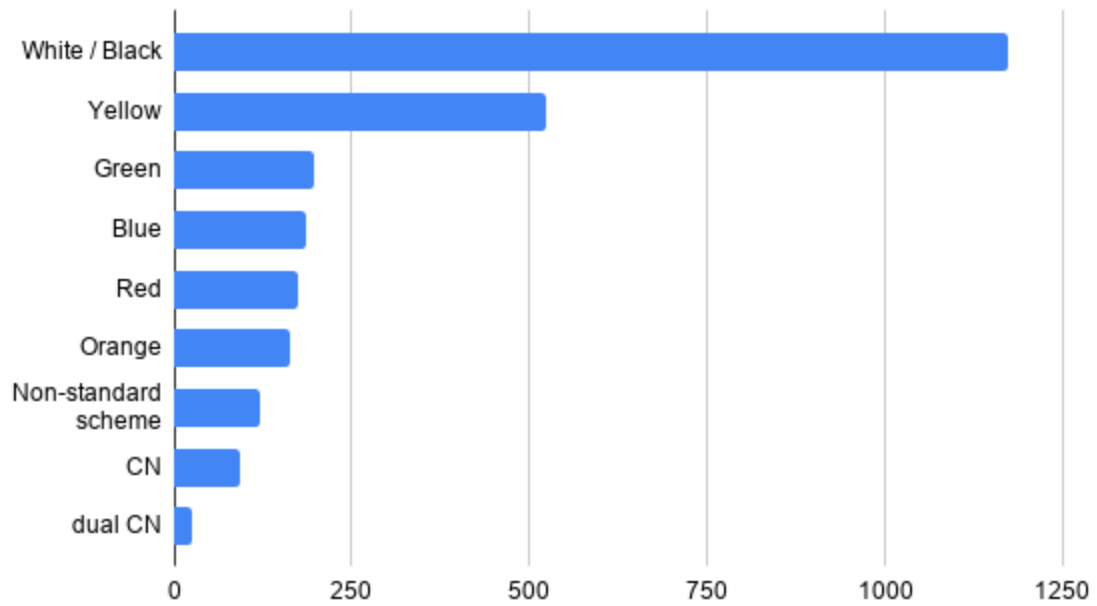


Do you own a magnetic cube?

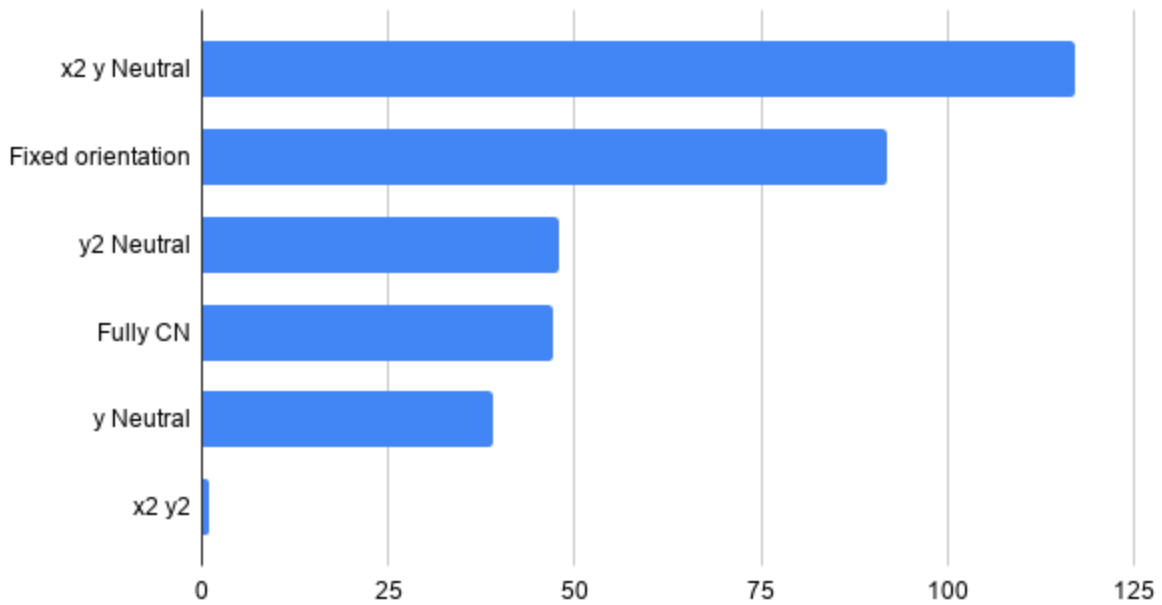


Color Neutrality

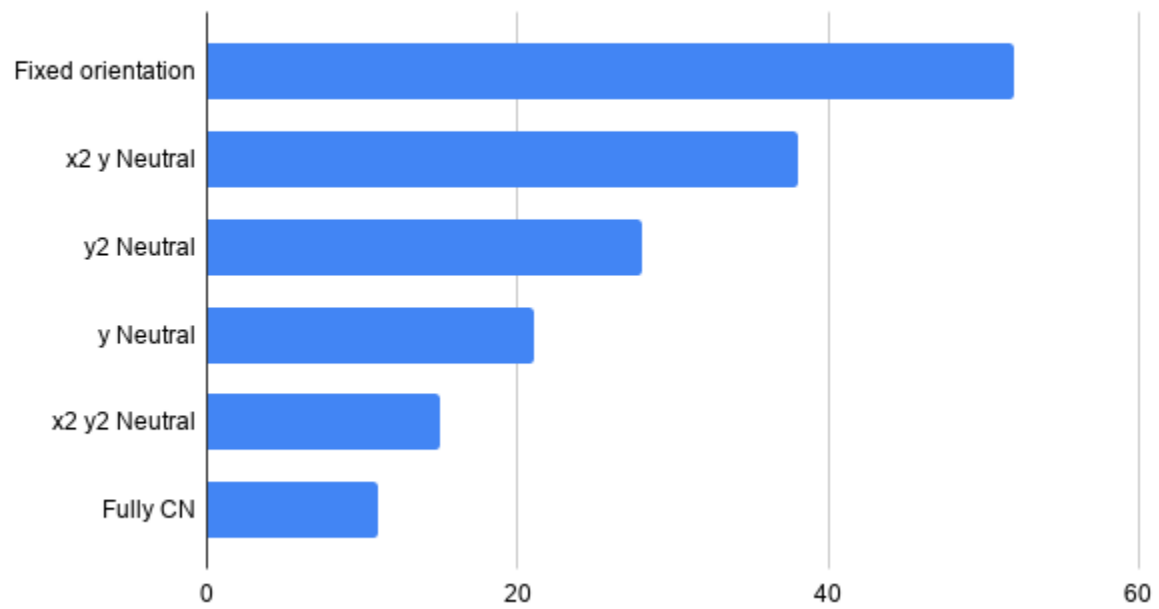
Most common bottom color



Roux Neutrality



ZZ Neutrality

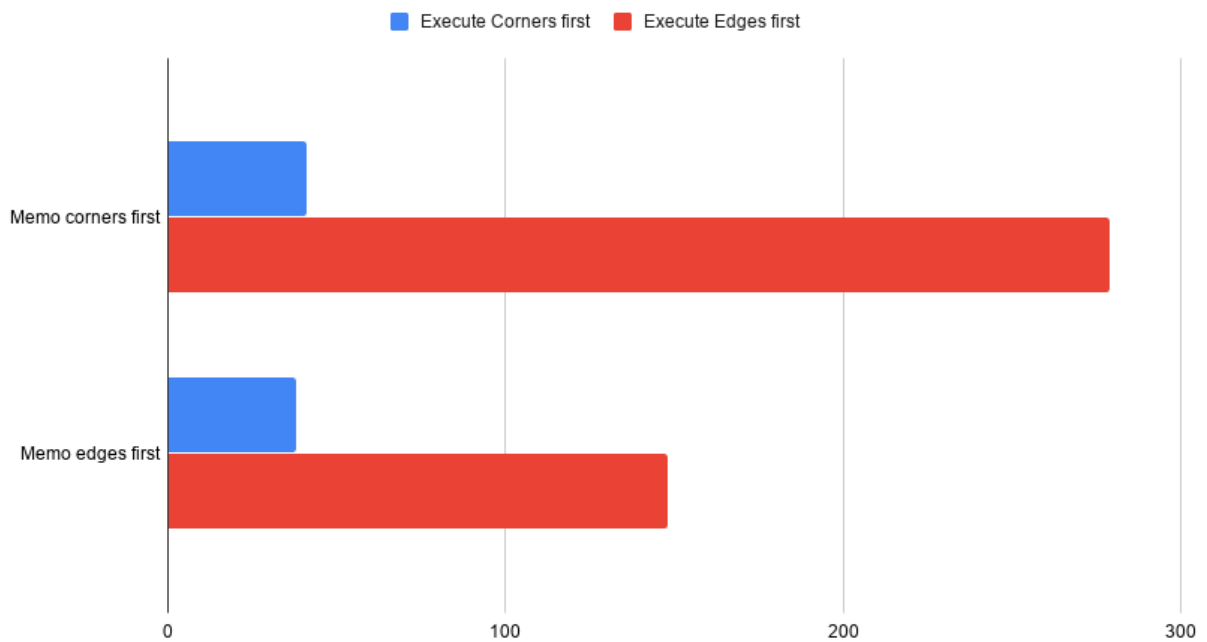


Blind

Orientation

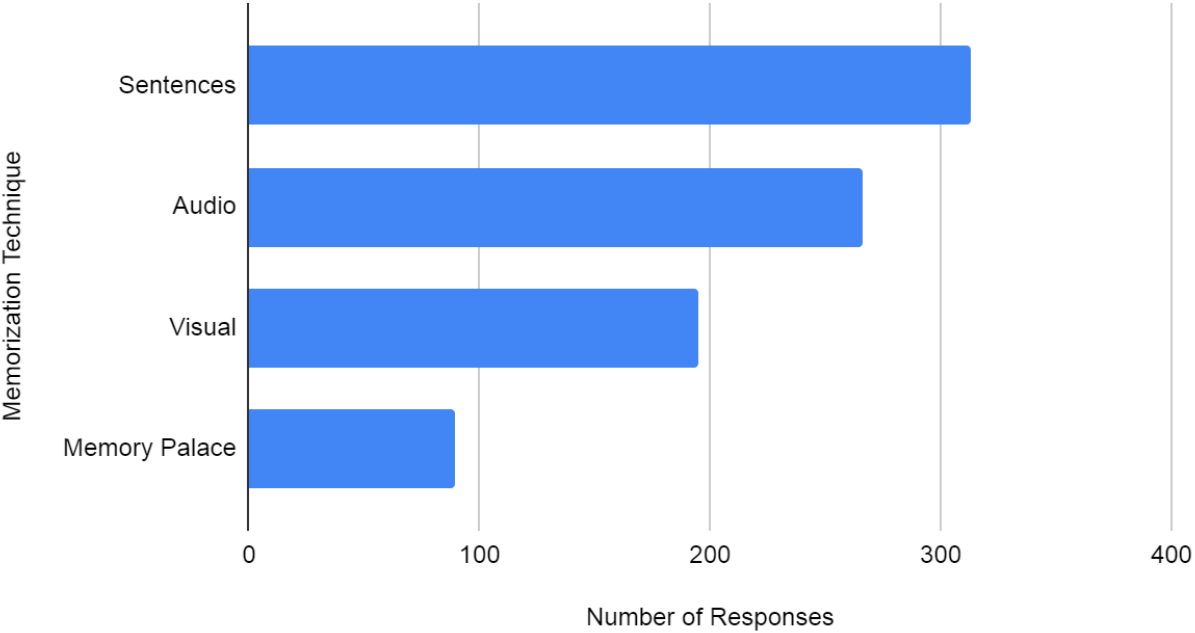
	White top	Yellow top	Green top	Red top	Blue top	Orange top
White front		5	5	1	4	
Yellow front	1			1		1
Green front	344	19		1		2
Red front	24	19	3		15	
Blue front	11	33	0	1		1
Orange front	13	16	1	1	2	

Memo / Execution Order



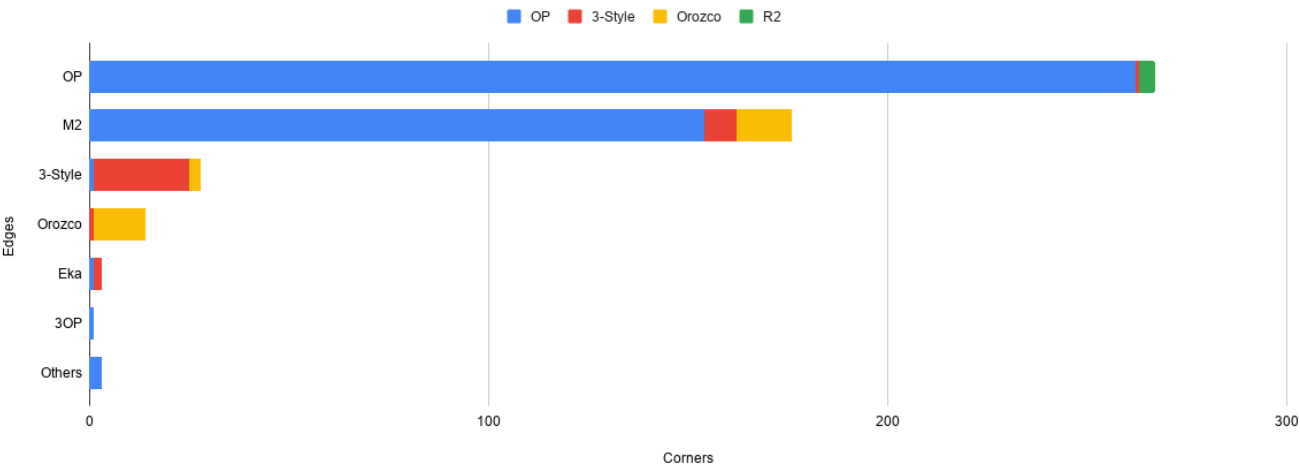
37% of people execute in the same order as their memo, and the remaining 63% execute in the reverse order from their memo.

Memorization technique for 3BLD?

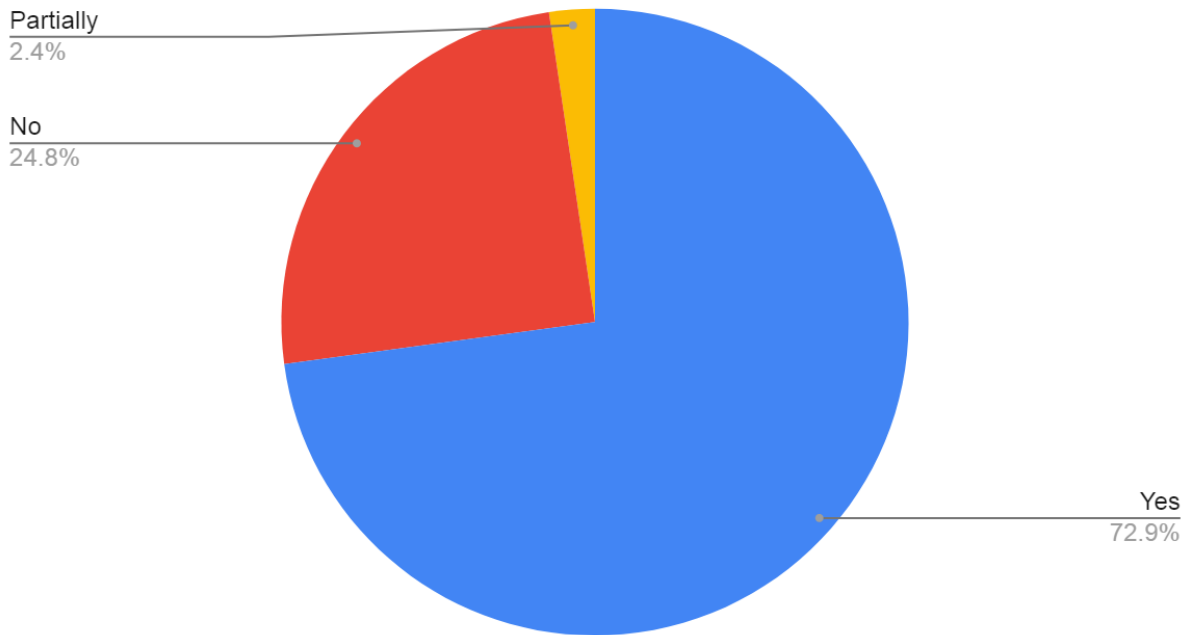


Please note that multiple responses were allowed as many people use a mixture of the above and not just one memory technique.

BLD Methods

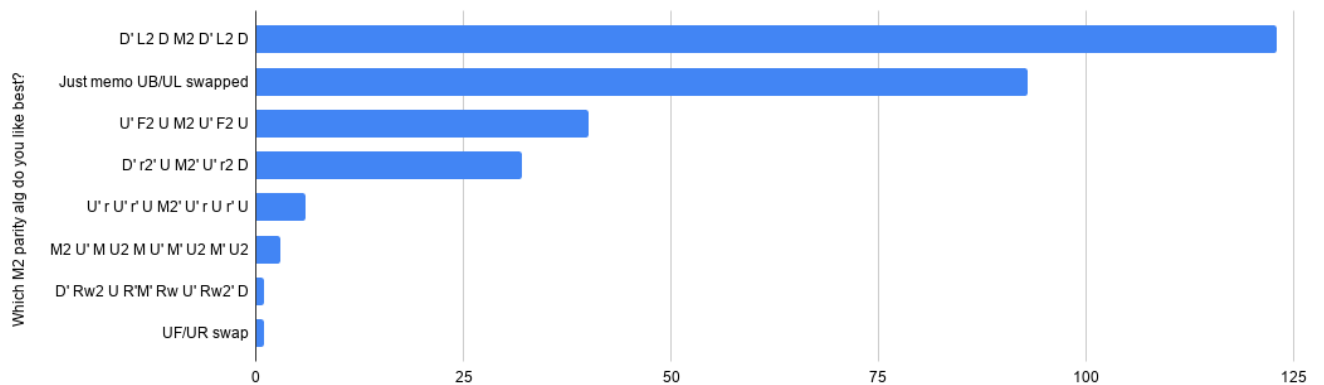


Do you use Speffz as a lettering scheme?



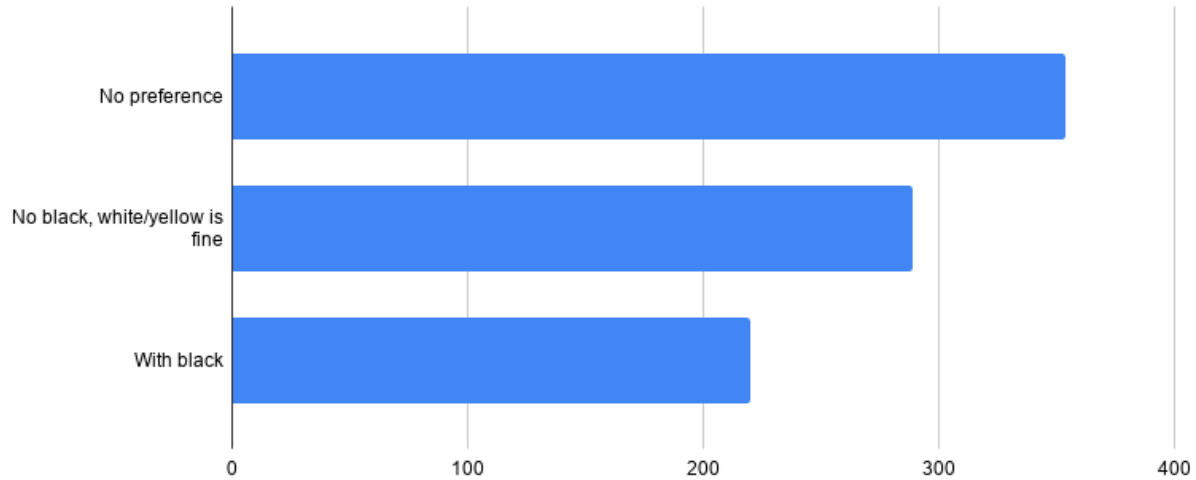
"Partially" answers account for people who use Speffz for either edges or corners, but not both.

Which M2 parity alg do you like best?

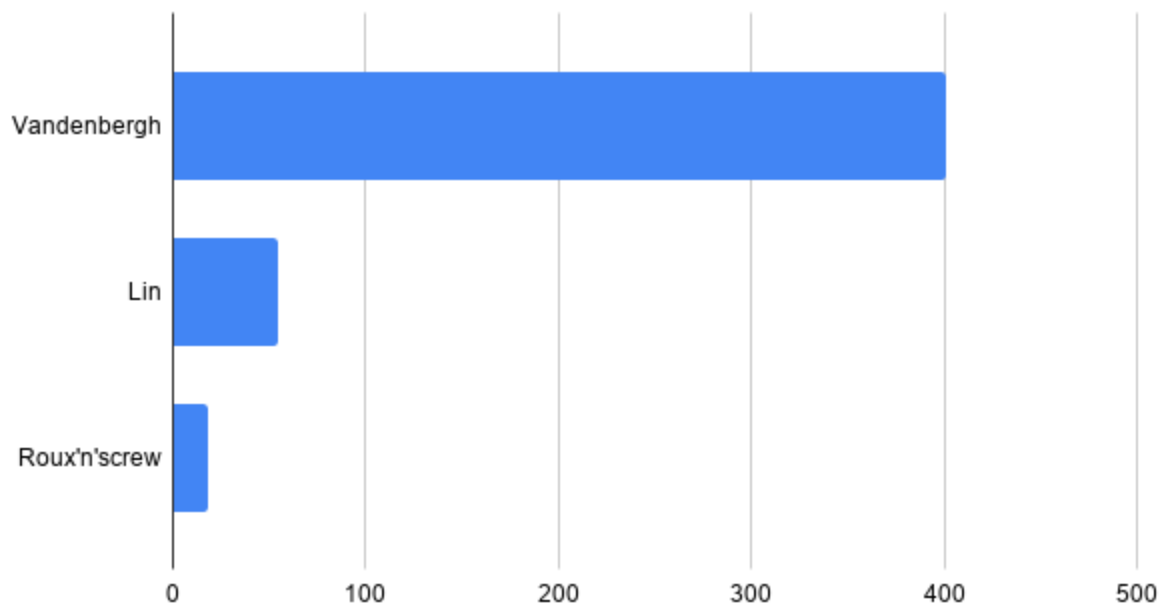


Square 1

For Square-1 you prefer

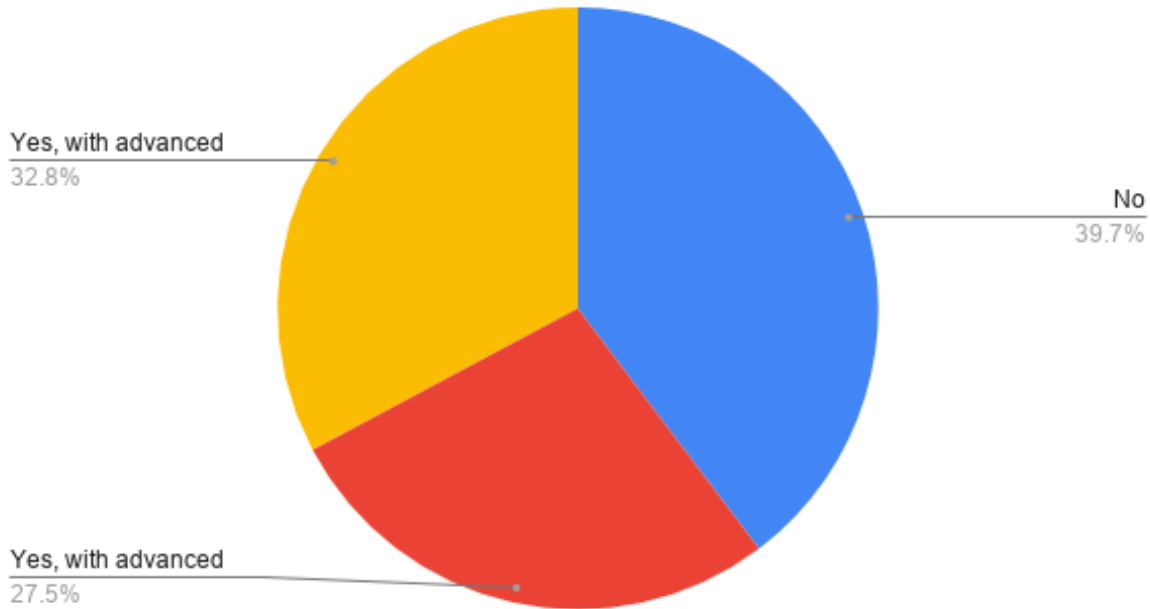


How do you solve a Square-1?

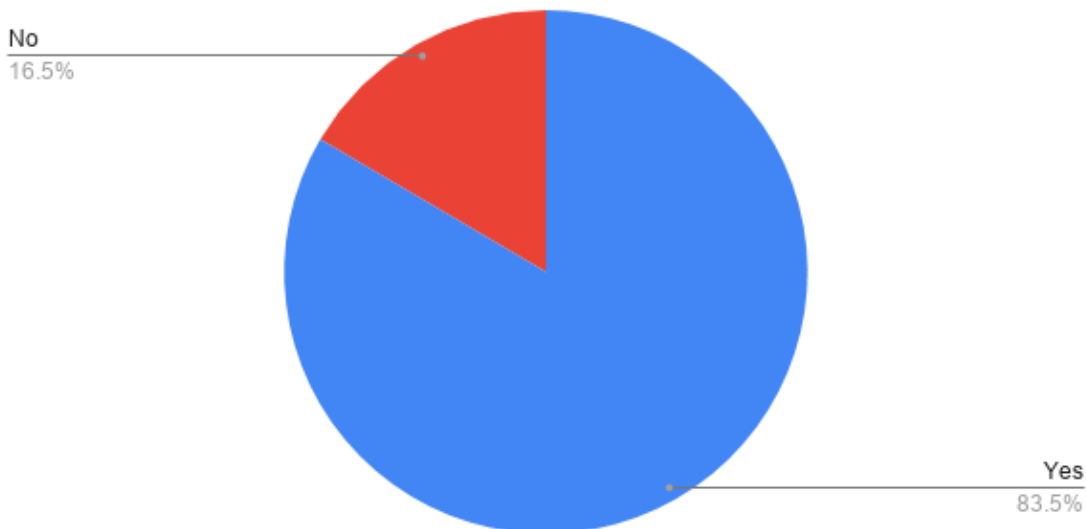


Interchangeable hardware

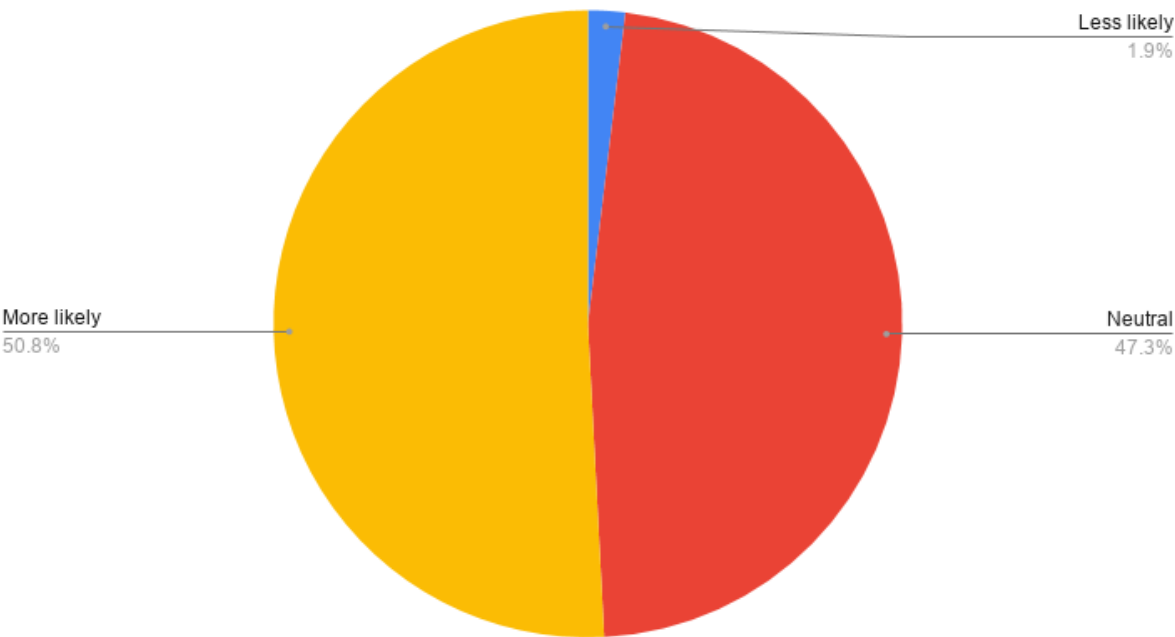
Do you own a puzzle with interchangeable hardware?



Do you find interchangeable hardware useful and will you buy such a puzzle over a standard one in the future?

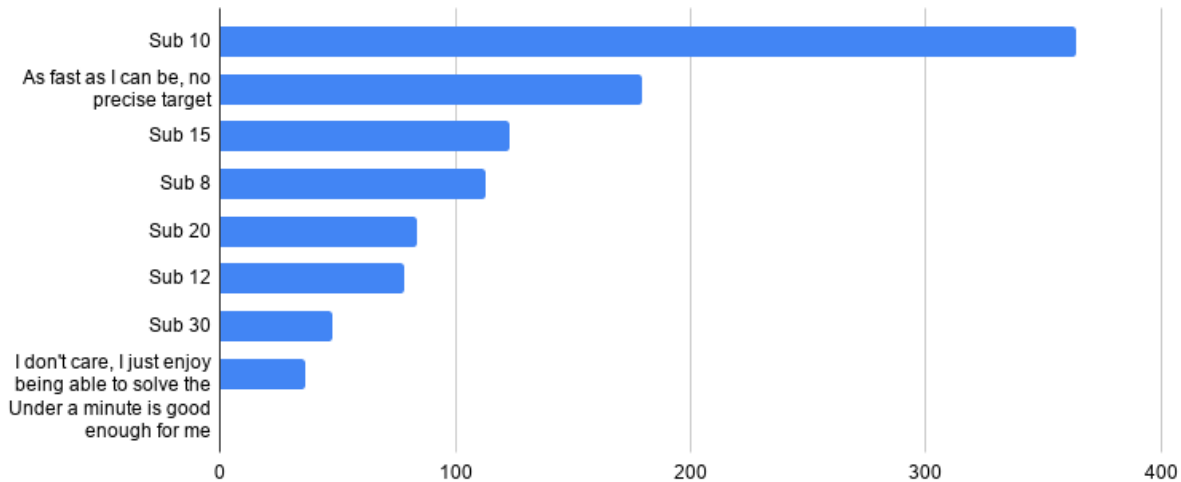


Does interchangeable hardware make you more or less likely to buy a cube?



Other

What would you like your 3x3 global average to be, ultimately?



Which do you consider yourself more of?

