



THE CUBING COMMUNITY MEGASURVEY

2022

ACKNOWLEDGEMENTS

This work follows in the footsteps of the r/Cubers tradition of yearly Megasurveys, of which this is the sixth instalment. Like last year, we have integrated other communities, who do not always have access to the same online spaces. We're happy to present the results of this survey as a whole, reuniting several communities

The following people contributed to this project:

- The r/Cubers mods: have been running the survey for the past 5 years, wrote and managed the bulk of it and proofread this whole monster of a document. Thank you naliuj, gilzu, stewy, niijiro, topppits, BibbitZ, GreenCrossOnLeft, g253 and pianocube93!
- The Speedsolving.com community: kindly sent out the link to boost survey responses and responded in droves to fill in this beast
- Shawn "SpeedCubeReview" Boucke for plunging head first into this mess of a data dump and coming out with a ton of suggestions, questions, challenges and ideas, and Ming Dao "Tingman" Ting for taking upon himself the ingrate task of summarising this into a small, digestible bit of media!

About the author of this document:



Basilio Noris is an older cuber, who has spent the past 15 years working on understanding and measuring human behaviour.

He spends way too much time playing with data and looking for ways in which to present it. Also, don't get him started talking about fonts...



AND BEFORE WE FORGET...

A Very Big thank you to the **1410 participants** who filled in the survey from all the sides of the globe



Yet again, you have transformed this into a serious dataset with a sample size that is on par with professional large-scale surveys in politics, psychology and behavioural sciences



THE DATASET IN NUMBERS: MILLENNIA WORTH OF EXPERIENCE, A RIDICULOUS AMOUNT OF CUBES, AND WAY TOO MUCH TIME TO SPARE FOR SURVEYS

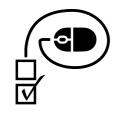


1'410 respondents



6'425 years of cubing xp





653 hours of survey time



65 hours of data analysis

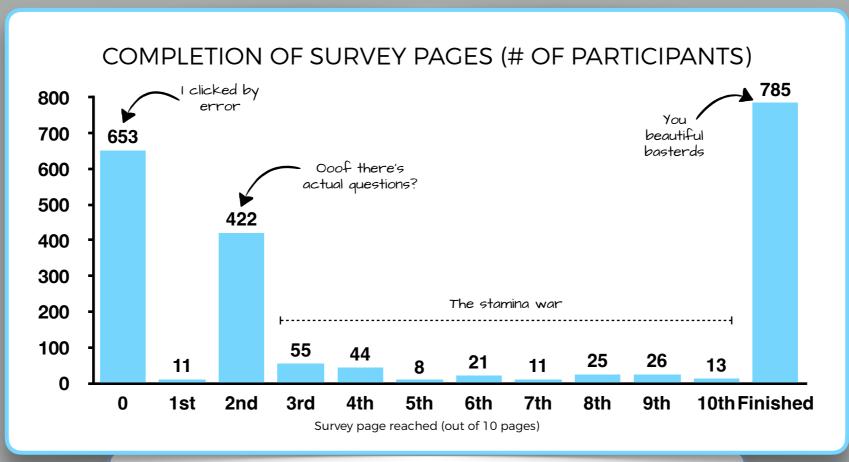


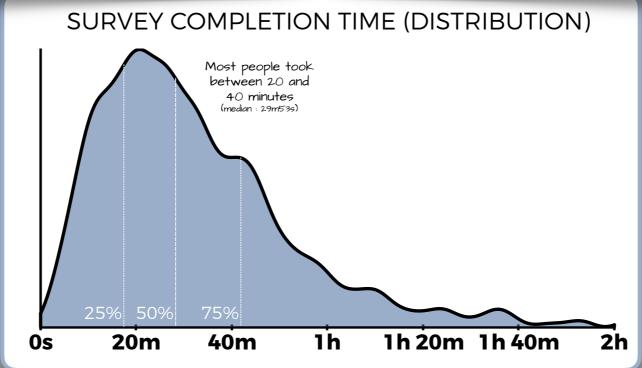
314'241 datapoints

(excl. Cube Collections)



SOME JUST OPENED THE SURVEY, SOME GOT PAST THE FIRST FEW PAGES, MANY GOT ALL THE WAY TO THE END!



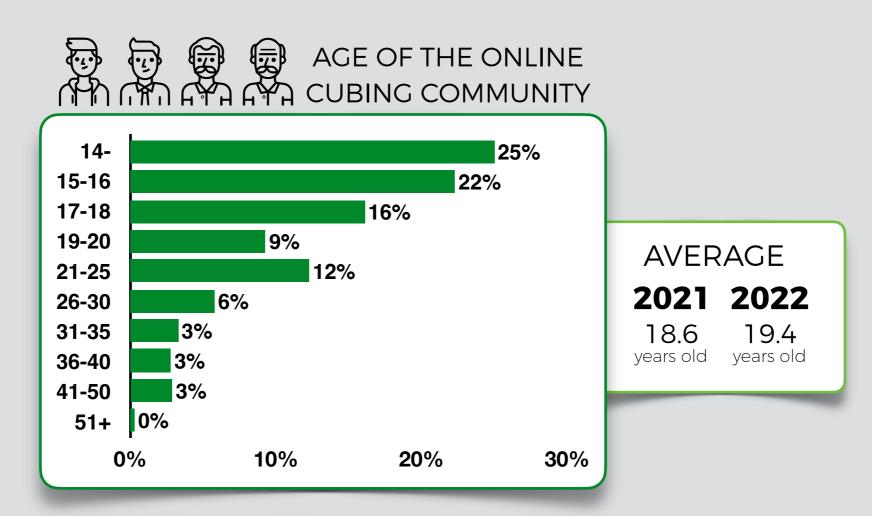


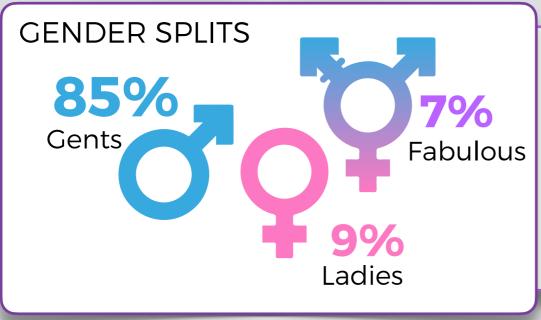


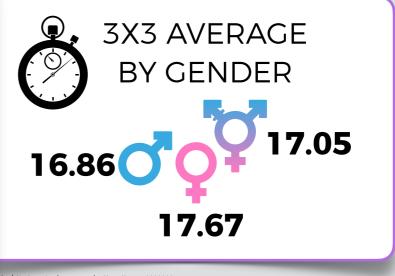
Chapter 1:



A POPULATION THAT SKEWS MOSTLY YOUNG AND MALE, BUT NOT ONLY! SINCE LAST YEAR, WE'VE BEEN GETTING OLDER T_T



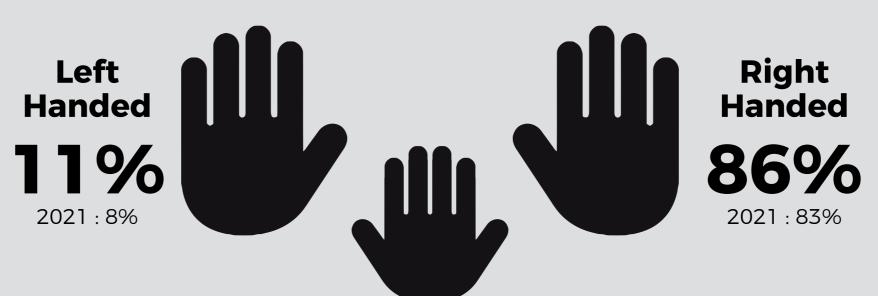






MOST OF US ARE RIGHT-HANDED, SOME LEFT-HANDED, AND A TINY BIT ARE AMBIDEXTROUS (ALSO, WE'VE BEEN A BIT MORE HONEST IN OUR ANSWERS THAN LAST YEAR!)

HANDEDNESS OF THE ONLINE CUBING COMMUNITY

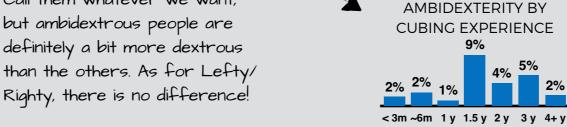




Ambidextrous
2021:9%

Call them whatever we want,
but ambidextrous people are
definitely a bit more dextrous





No significant correlation between ambidextrousness and cubing experience (or age, for that matter)



WE DISCOVERED CUBING ON AVERAGE 4 YEARS AGO, BUT STARTED SPEEDCUBING MORE RECENTLY; SINCE LAST YEAR, NOT AS MUCH NEW BLOOD HAS COME IN!

71%

Started Speedcubing

as soon as they

discovered cubing

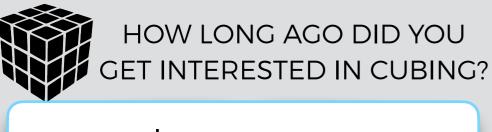
29%

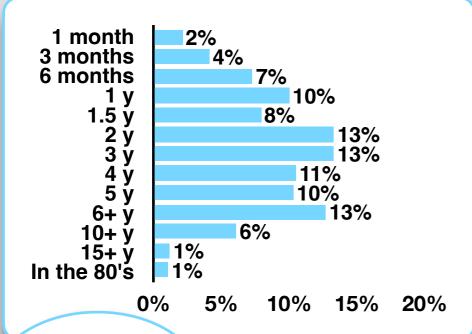
Started Speedcubing

after a while

On average: **4.2** years

after discovering cubing in general





Average:

2021 2022

3y 10m 4y 1m

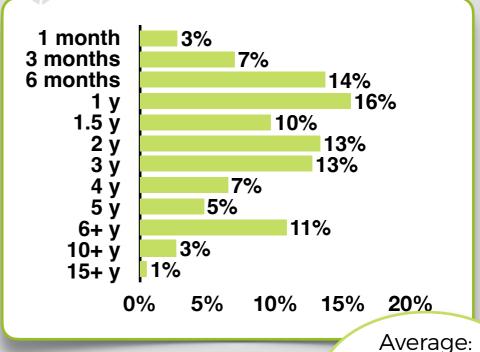


Discovered cubing in the past year

2021 2022 23.5% 23.2% -1%



HOW LONG AGO DID YOU START **SPEED**CUBING?



2021 2022 1y 10m 2y 6m

Started speedcubing in the past year

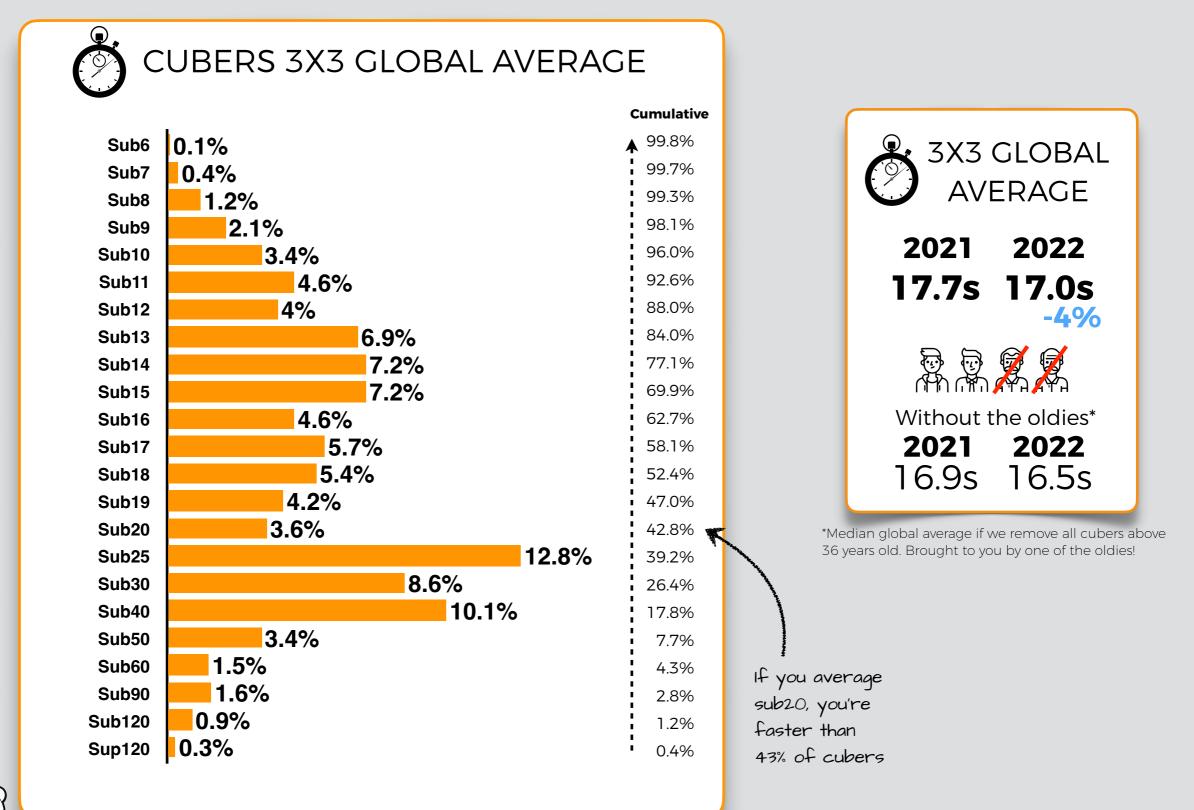
2021 2022 39% -19%

48% Basically the same amount of us discovered cubing in general in the past year. However SPEEDcubing has not had as much success as



last year

OK, BUT HOW FAST ARE WE? OUR MEDIAN AVERAGE IS SUB18! SINCE LAST YEAR WE'VE GOTTEN A TINY BIT FASTER ON AVERAGE!



SOME CLARIFICATIONS GOING FORWARD

WE WILL BE USING SOME DEFINITIONS THAT MIGHT NOT BE IMMEDIATELY CLEAR TO THE LAY PERSON





Median Cuber

Top25% Cuber

The "Average" cuber: 50% of people are faster and 50% are slower

A cuber that is faster than 75% of all other cubers

We use these to understand how "normal" cubers work vs fast ones, regardless of how long they have been cubing







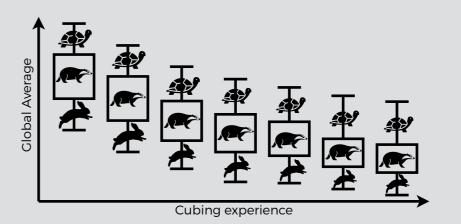
Slow Learners

Bottom 25% of their respective experience group Medium Learners

Mid 50% of their respective experience group Fast Learners

Top 25% of their respective experience group

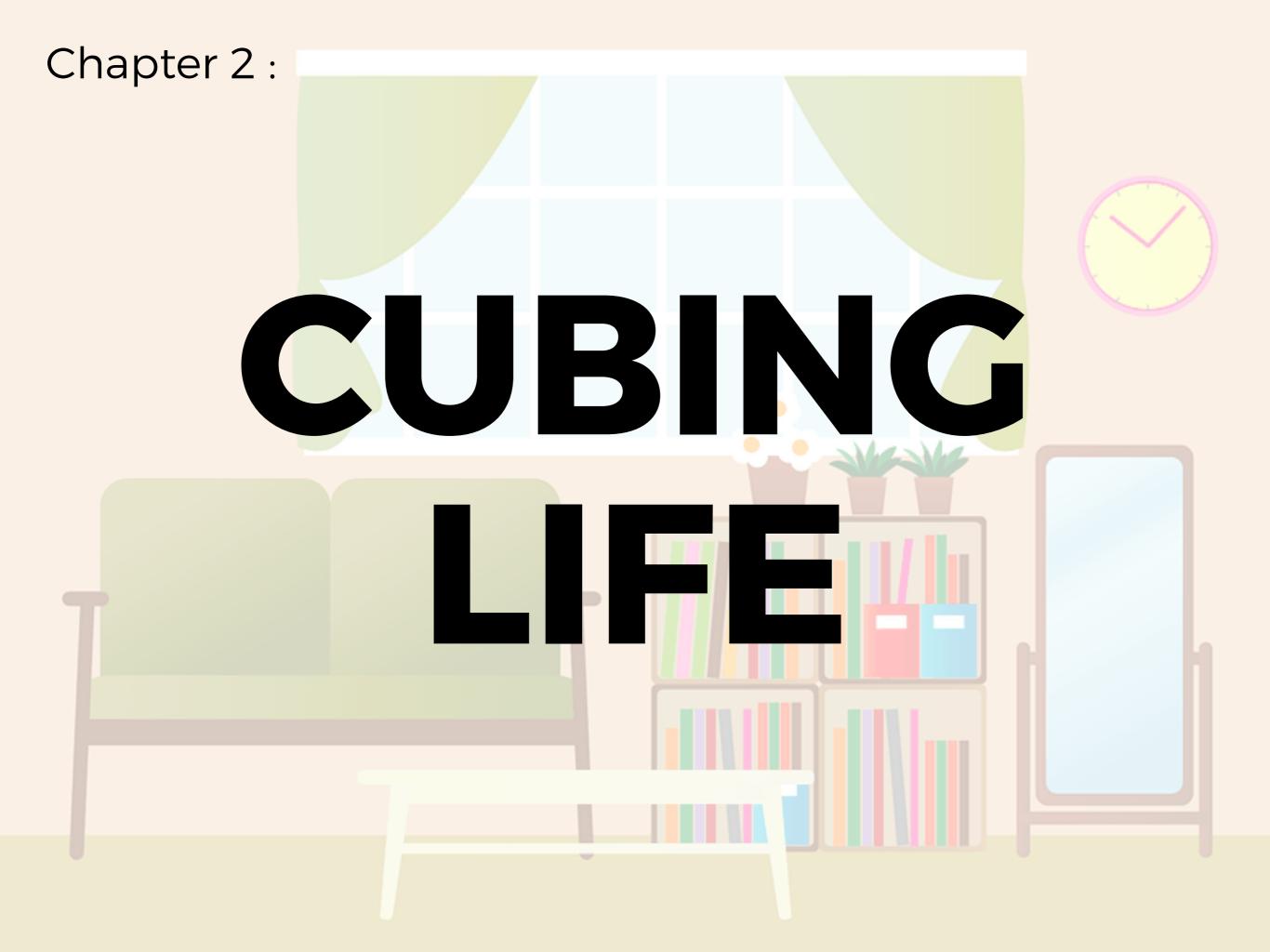
We use these to evaluate cubers that are "fast for how long they have been cubing". A Fast cuber with 3 months experience is most of the time slower than a Slow cuber with 4+ years under their belt



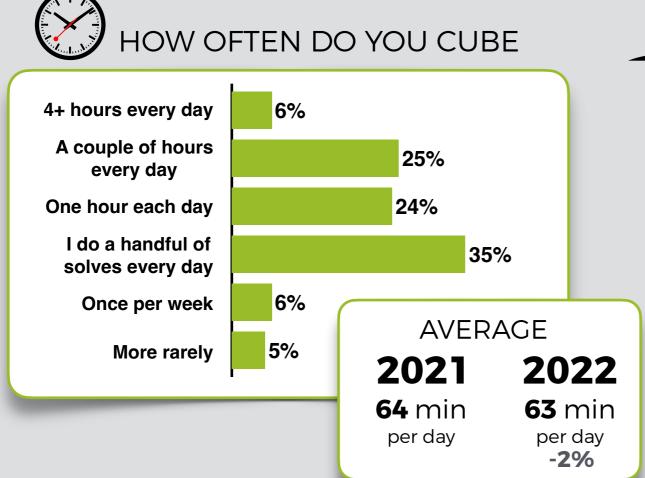
Also, we don't put axis names and units on all our charts. We are confident that you'll be able to figure out what we're talking about

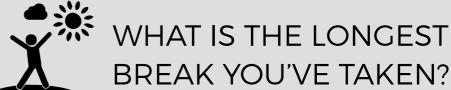
If you don't like that, get a PhD in science, then get some experience in the real world and then come back and complain.





WE PRACTICE ABOUT AS MUCH AS WE DID LAST YEAR (~1H PER DAY ON AVERAGE). AND THE MORE WE DO, THE FASTER WE ARE (MOSTLY)

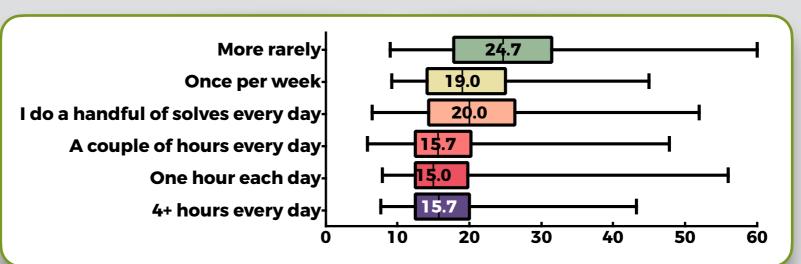






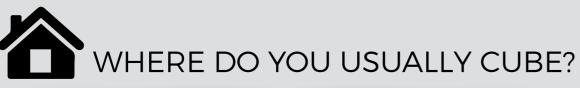
GLOBAL 3X3 AVERAGE BY CUBING AMOUNT

Hardcore cubers doing 4+ hours a day tend to be more at the beginning of their cubing career, hence the slightly slower averages than people cubing slightly less time per day.



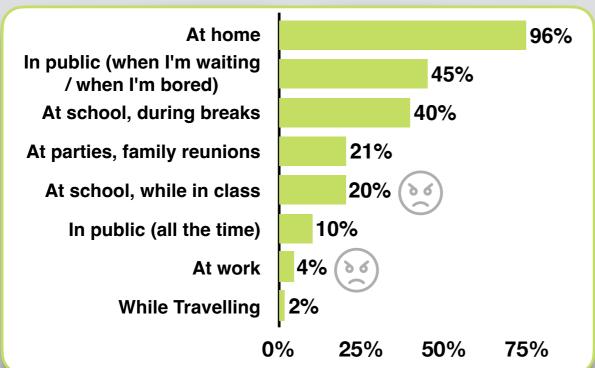


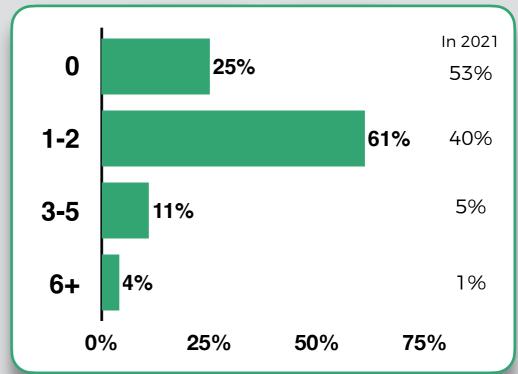
1 IN 4 OF US CUBES WHEN WE REALLY SHOULDN'T... ALSO, CARRYING MORE CUBES DOESN'T REALLY MAKE US SIGNIFICANTLY FASTER





HOW MANY PUZZLES DO YOU
USUALLY CARRY WITH YOU?

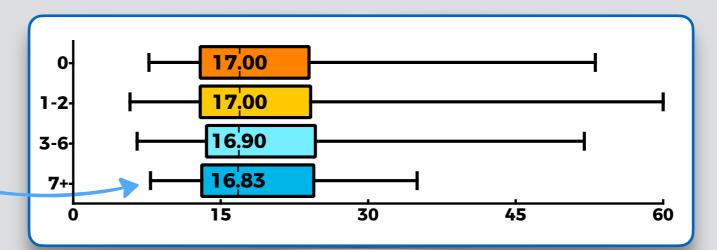




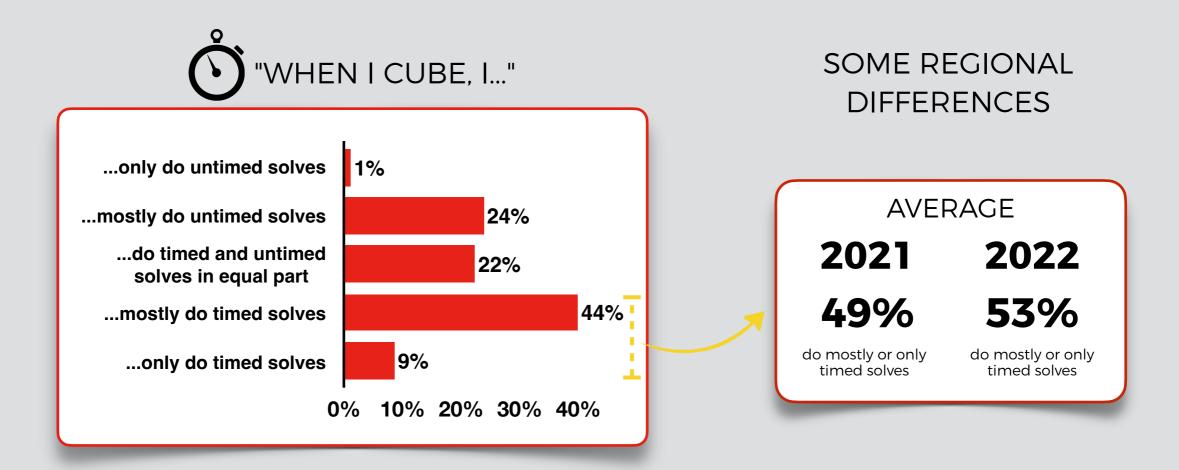
GLOBAL 3X3 AVERAGE BY AMOUNT OF CUBES USUALLY CARRIED

The data is in! Having more cubes in the bag shaves up to 0.2 sec off your average

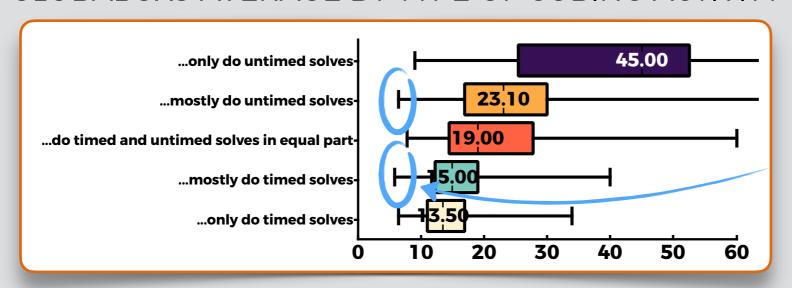
P.s., that's not really true! The difference is not statistically significant



THE FASTER OF US TEND TO TIME OURSELVES MORE OFTEN, BUT THE FASTEST ONES DON'T FORGET UNTIMED PRACTICE; TIMING HAS BEEN GOING UP A BIT SINCE LAST YEAR



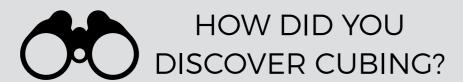
GLOBAL 3X3 AVERAGE BY TYPE OF CUBING ACTIVITY

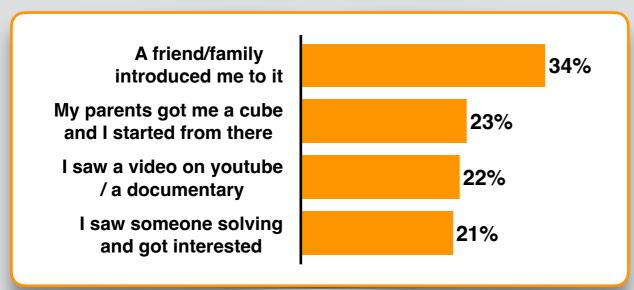


The fastest cubers do mostly timed solves, but not only, putting in some untimed practice seems to be useful!

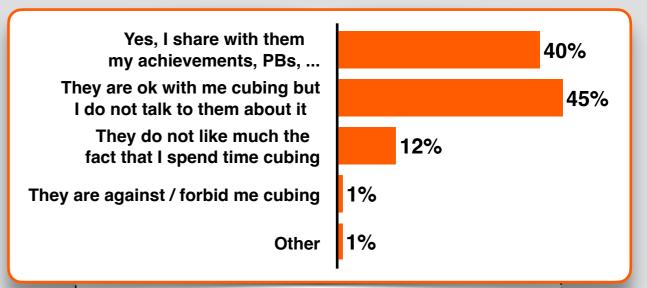


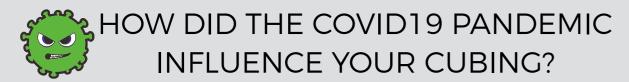
WE DISCOVERED CUBING FROM FRIENDS OR FROM GETTING A CUBE AS A GIFT. OUR FAMILIES ARE MOSTLY OK WITH THIS VICE OF OURS, BUT WHEN THEY SUPPORT US, WE TEND TO GET FASTER

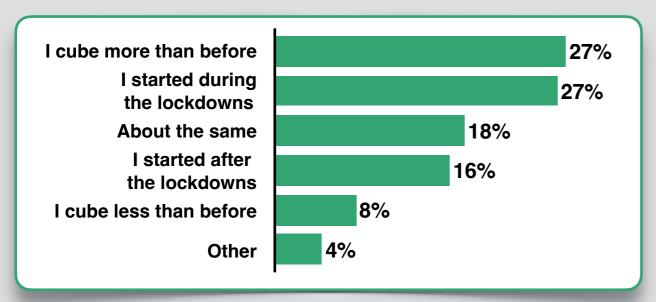


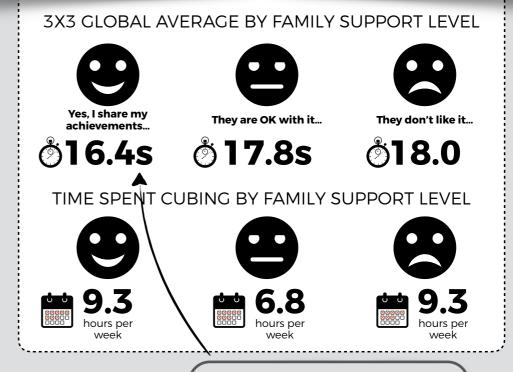






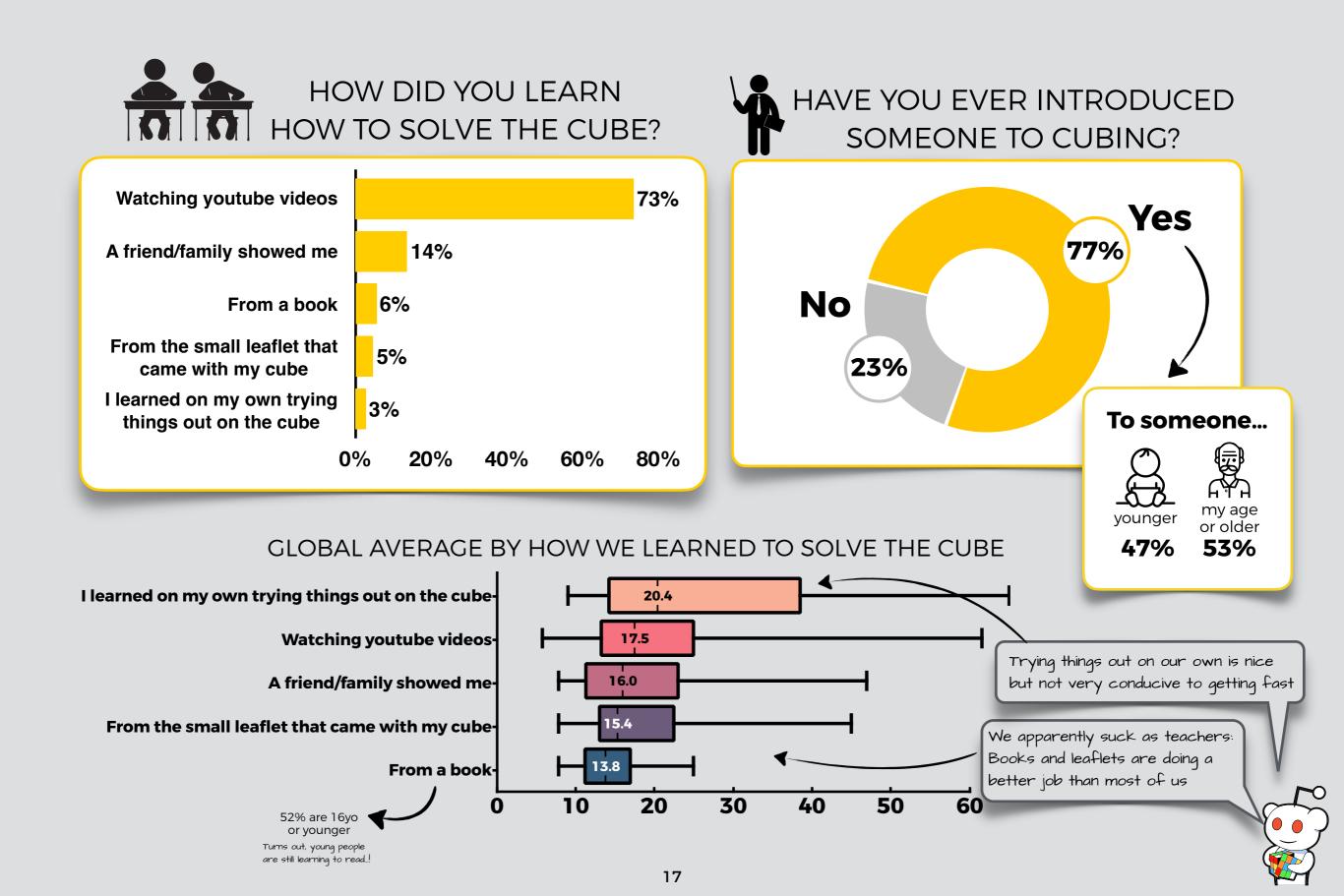






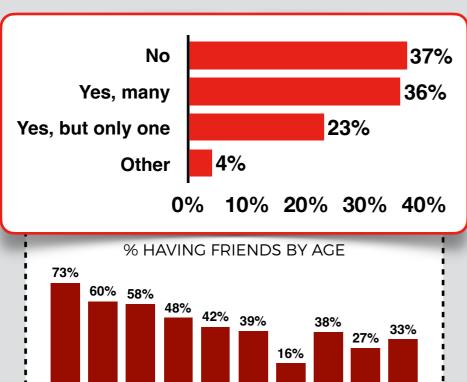
The difference is actually significant. Having someone who can share in your excitement and success is a big thing: cherish it!

MOST OF US US LEARNED FROM YOUTUBE, BUT SOME LEARNED IN OTHER WAYS, AND MOST OF US LIKE TO TEACH OTHERS (EVEN IF, APPARENTLY, WE'RE NOT VERY GOOD AT IT)



ABOUT 2/3 OF US HAVE FRIENDS WHO CUBE, LESS SO FOR THE OLDER AMONG US. AND WE TEND TO TALK NERDY: ALGS, METHODS AND HARDWARE ARE THE TOPICS WE DISCUSS MOST

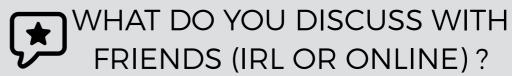
DO YOU HAVE FRIENDS IRL WITH WHOM YOU CUBE?

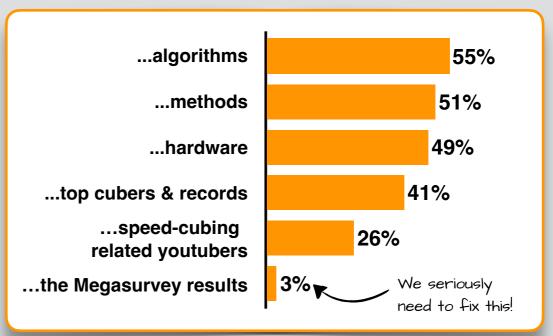


<=14 15-16 17-18 19-20 21-25 26-30 31-35 36-40 41-50 51

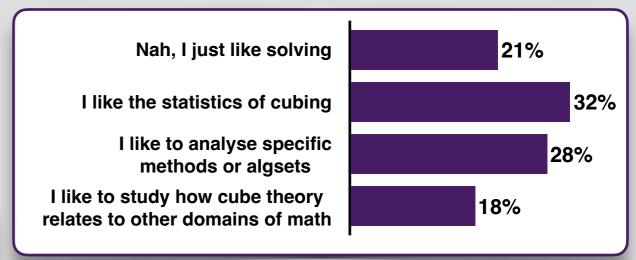
This could mean that older people are simply bad at having friends (ok boomer...), but more likely for younger people having friends is a motivator to cube, whereas older cubers are more able to have a passion by themselves

The vast majority of us like to dig a bit into the inner mechanics of cubing. But careful with selection bias: people who detest that probably don't fill in 30+ min surveys!



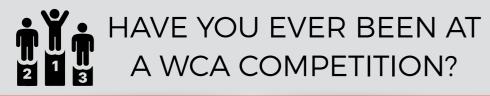


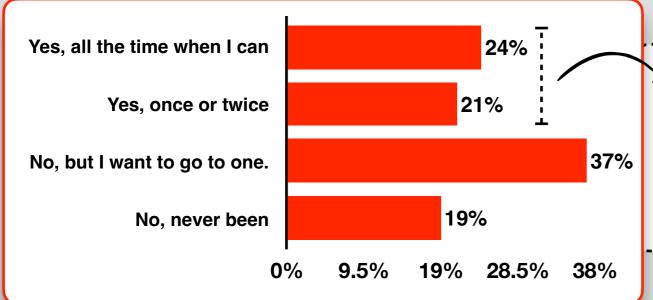
AND ARE YOU INTERESTED IN THE THEORY / MATH BEHIND CUBING?

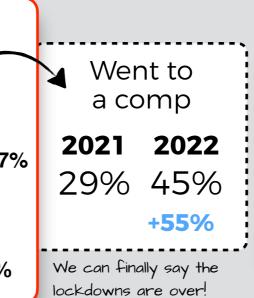


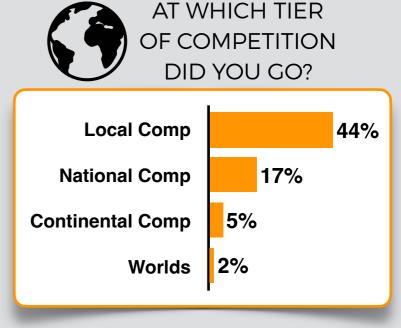


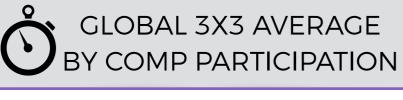
A LOT MORE OF US WENT TO COMP SINCE LAST YEAR; AND THE FASTEST OF US ARE GOING WHENEVER THEY CAN. THE BUG GETS US WHEN WE START APPROACHING SUB20

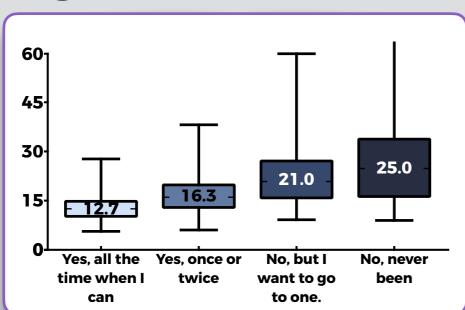


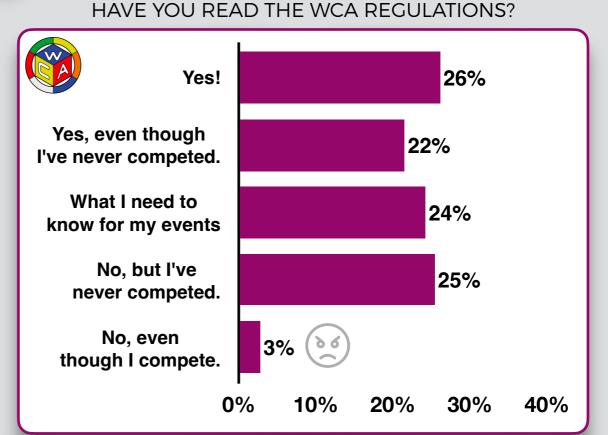








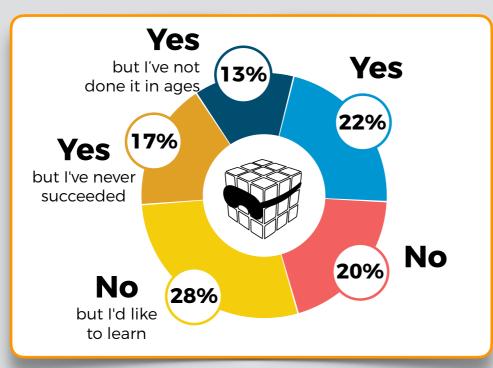




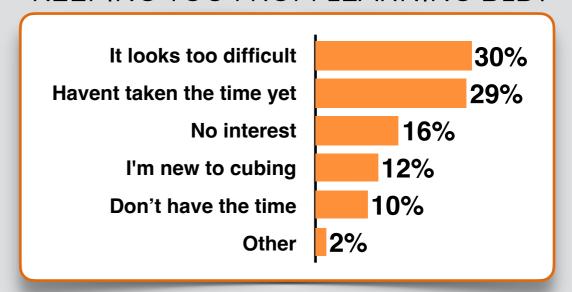


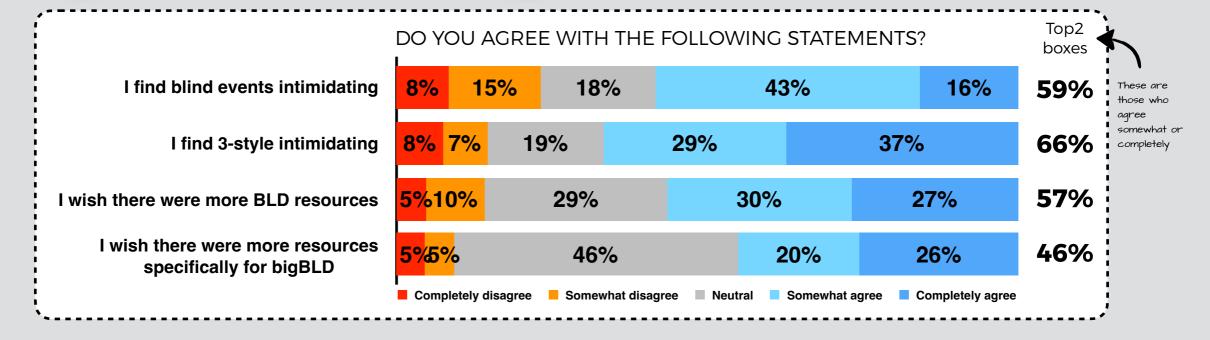
HALF OF US HAVE TRIED TO BLINDSOLVE A 3X3, ONLY ABOUT 1 IN 3 HAVE SUCCEEDED. MANY OF US FIND 3BLD INTIMIDATING, AND ITS MORE COMPLEX METHODS EVEN MORE

DO YOU KNOW HOW TO SOLVE A CUBE BLINDFOLDED?



WHAT IS THE MAIN DETERRENT KEEPING YOU FROM LEARNING BLD?



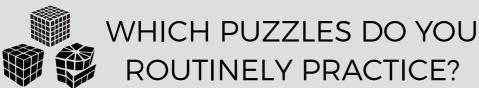


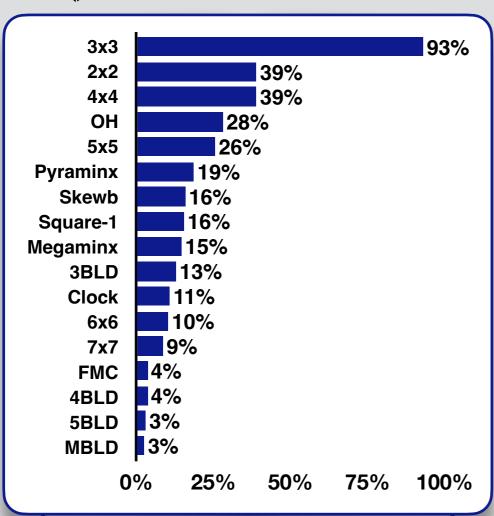


Chapter 3:

SOLVING 00:15 ANDIMES

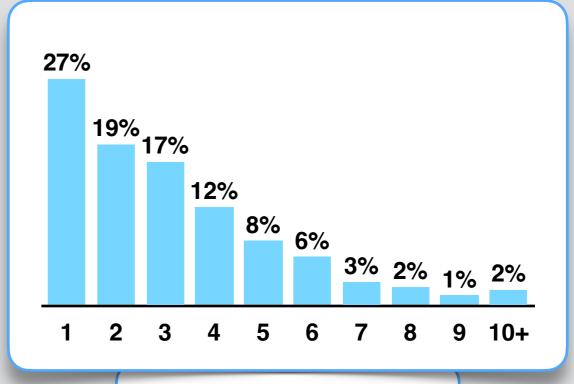
ON AVERAGE WE PRACTICE 3-4 EVENTS, AND WE'VE BEEN EXPLORING MORE PUZZLES, WITH 5X5, SQUAN AND 3BLD AS THE MAIN WINNERS





Big changes between 2021 -> 2022
+7.2% -1.6%
+5.3% -1.7%
+4.3%

OF DIFFERENT PUZZLES PRACTICED



AVERAGE

2021
2022
3.1
different events practiced practiced practiced practiced +16%

As we have gotten more experience we've also started exploring more



This is

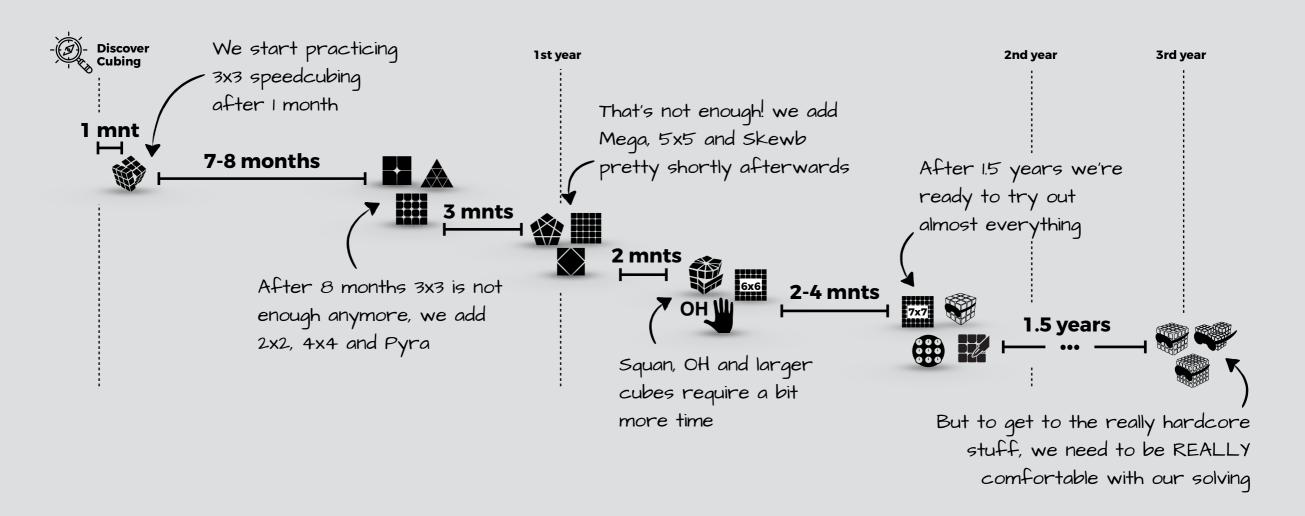
older and

consistent with us becoming

preferring more

complex events!

FIRST WE GET TO KNOW ABOUT IT, THEN WE WANT TO BE FAST AT IT; THEN WE WANT TO LEARN SOMETHING ELSE, AND THEN SOMETHING MORE...



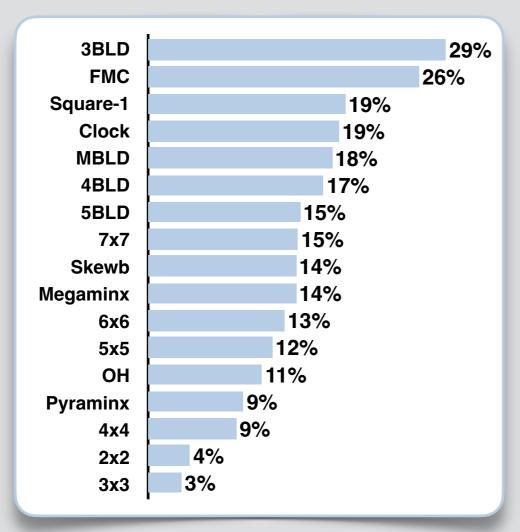
AVERAGE START OF PRACTICE FOR WCA EVENTS AFTER DISCOVERING CUBING

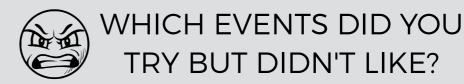


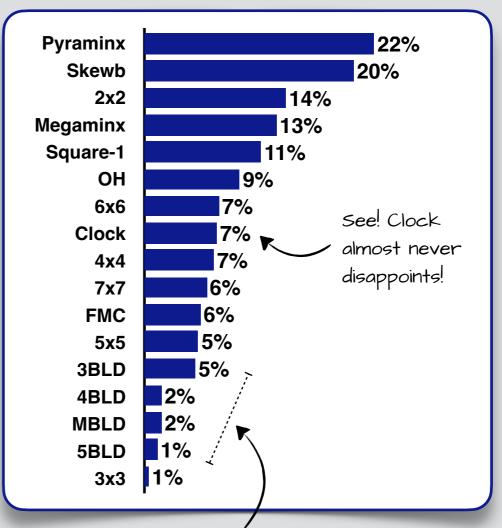


3BLD AND FMC ARE THE MOST ENTICING EVENTS; THE FASTER EVENTS ARE THE ONES THAT DISAPPOINTED US THE MOST, AND BLIND EVENTS ARE PROVEN TO BE THE APEX EVENTS







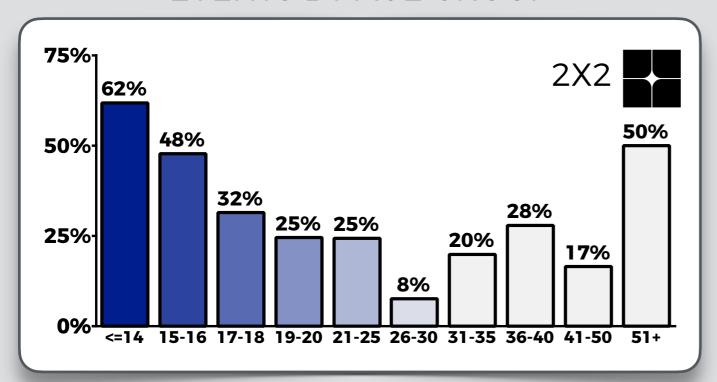


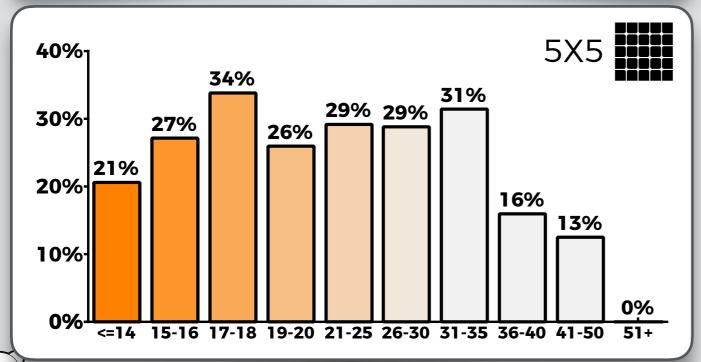
The sheer amount of swag that comes from being able to BLD is enough to let no one regret trying it



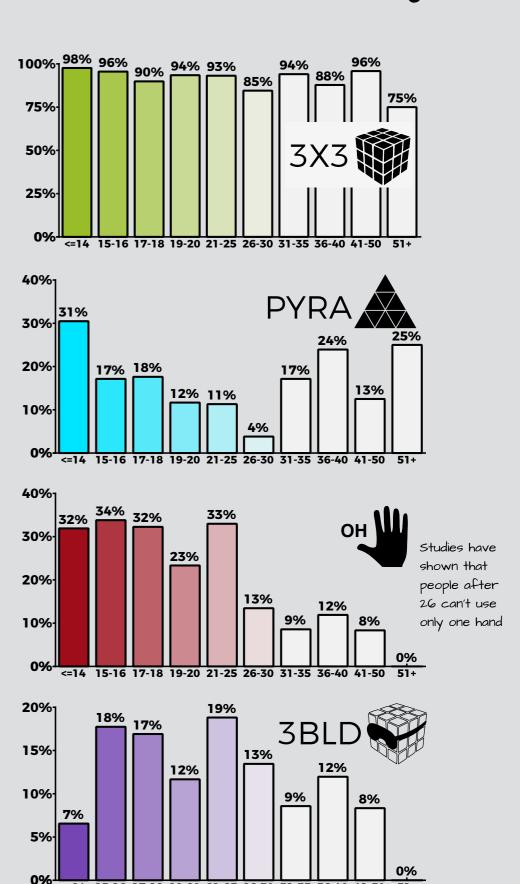
AS WE GET OLDER WE SWITCH FROM QUICK EVENTS TO BIGGER CUBES, UNTIL WE HIT 35, THEN WE DON'T HAVE TIME FOR THOSE LONG EVENTS ANYMORE AND WE GO BACK TO THE QUICKIES

% OF CUBERS PRACTICING EVENTS BY AGE GROUP

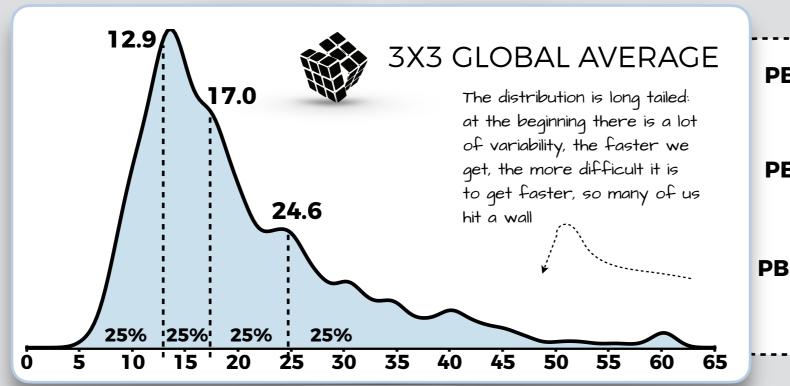


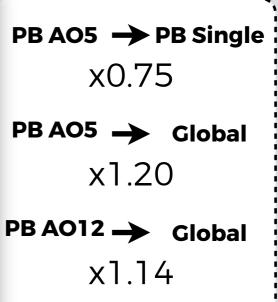






3X3 SINGLES AND AVERAGES HAVE PRETTY CONSISTENT GAPS AT ALL LEVELS; PB SINGLE IS ~60% OF GLOBAL AVERAGE AND ~3/4 OF PB AO5





Approx 2/3 of all cubers fall within

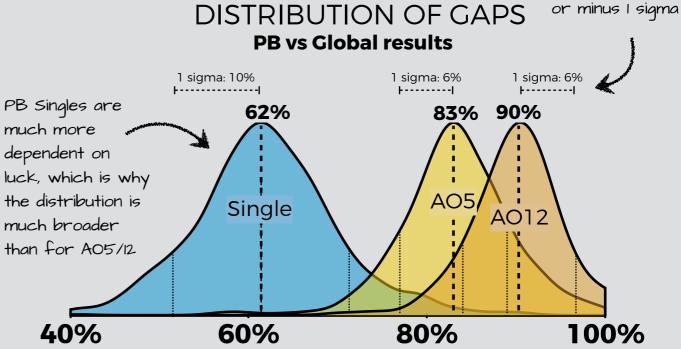
the average plus

TIME GAP BETWEEN PBS AND GLOBAL AVERAGE

ı	PB Single	PB AO5	PB AO12	Global
	10.6	14.1	15.0	17.0
Median cuber	62 %	83%	90%	100%
Top25%	57%	80%	87%	100%

On average the PB single is approx 60% of a cuber's global average

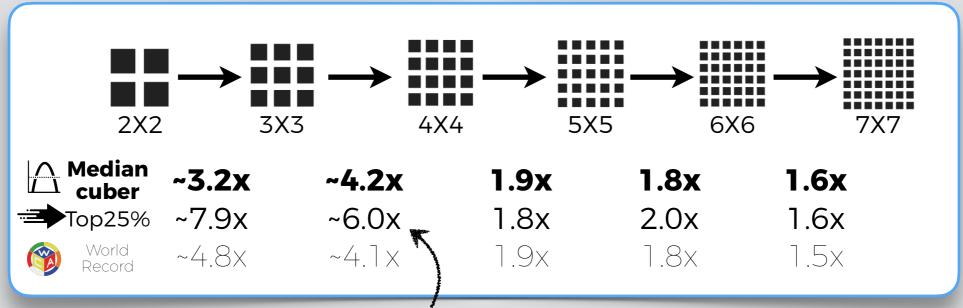






THE LARGER THE CUBE, THE MORE TIME IT TAKES. MULTIPLIERS ARE RATHER CONSISTENT FOR MOST CUBERS

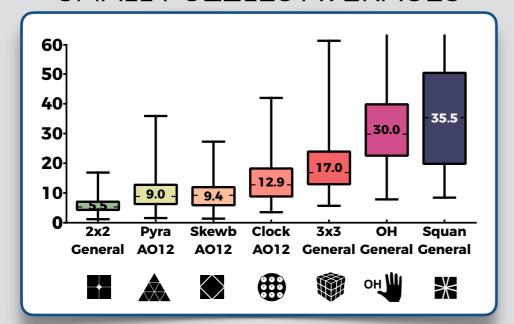
CUBE-SIZE IMPACT ON TIME



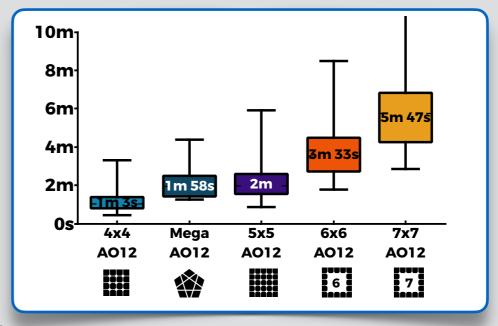
Difference between Top and median cubers for smaller cubes is mostly due to a lot of people doing these. Only "fast-ish" cubers do big cubes, so the "median" cuber is much more similar to the Top25%

The fact that world record resembles more the median cuber is interesting, although World Record is a collection of different people and best averages of 5, which makes it easier to be faster on simpler events, where a "bit of luck" can have a very large impact on the whole solve (props to /u/TheRealUncleFrank for checking the WRs for his calculator!)

SMALL PUZZLES AVERAGES



LARGE PUZZLES AVERAGES



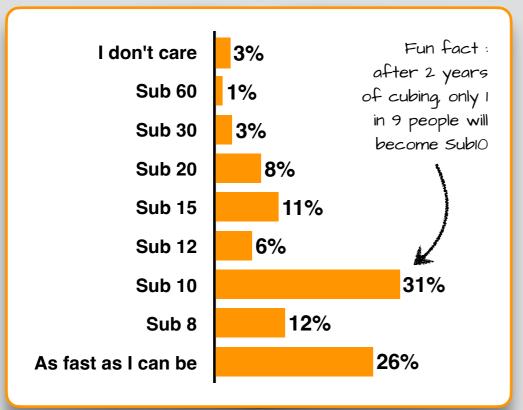


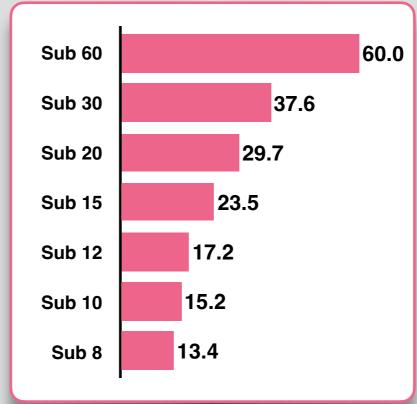
SUB 10 IS THE MAIN GOAL FOR MANY OF US. IN GENERAL WE AIM AT REDUCING OUR CURRENT TIMES BY ONE THIRD. BUT AS SOON AS WE PROGRESS WE START AIMING LOWER



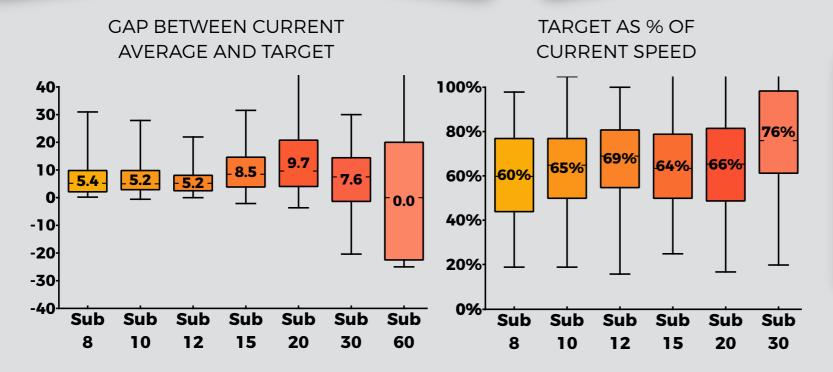
WHAT WOULD YOU LIKE YOUR 3X3 GLOBAL AVERAGE TO BE, ULTIMATELY?

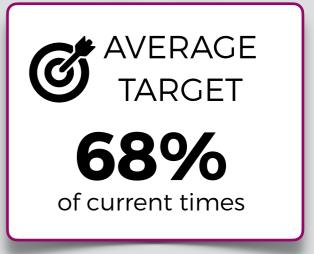






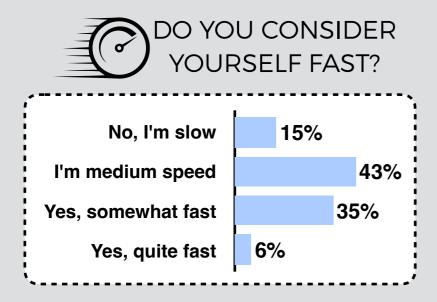
We tend to set as goal the 2nd threshold below our current times: "I average 23s; I'll probably get to sub20 soon, so I'll aim for sub15!"



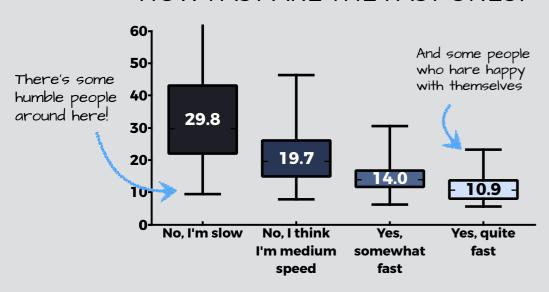




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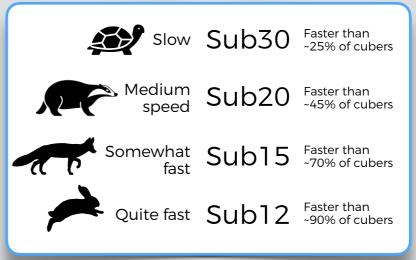


HOW FAST ARE THE FAST ONES?

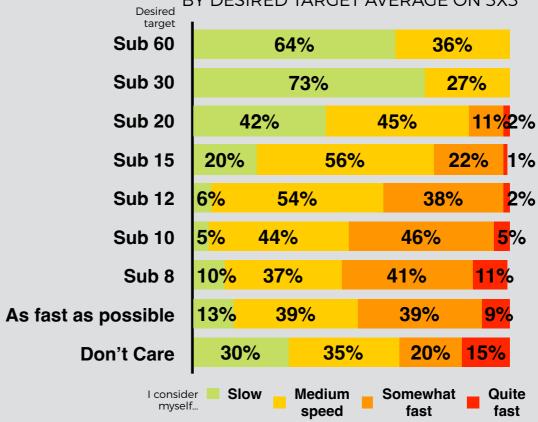




WHAT IS FAST (ACCORDING TO THE CUBING COMMUNITY)



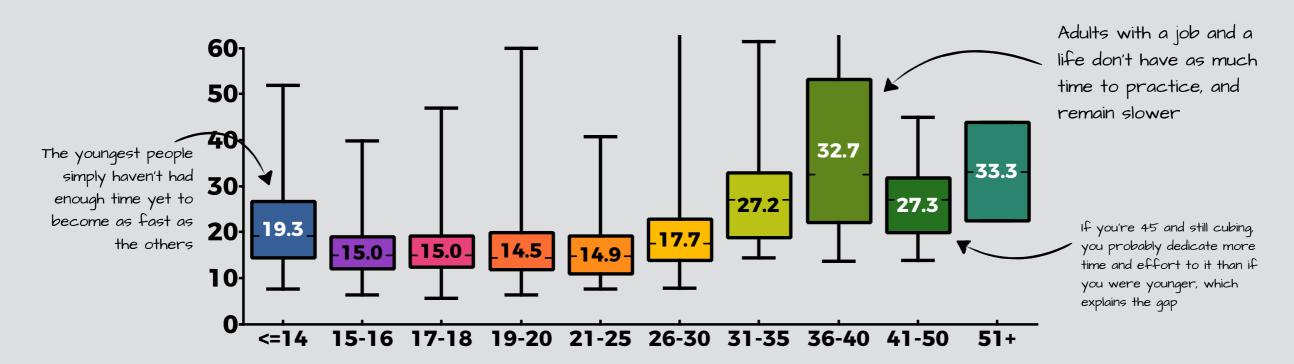
HOW DO WE CONSIDER OURSELVES, BY DESIRED TARGET AVERAGE ON 3X3



AGE MATTERS: THE YOUNGER WE START, THE FASTER WE IMPROVE! AND FROM 25 ON SPEED STARTS DIPPING EVER SO SLOWLY (AND THEN NOT SO SLOWLY ANYMORE)

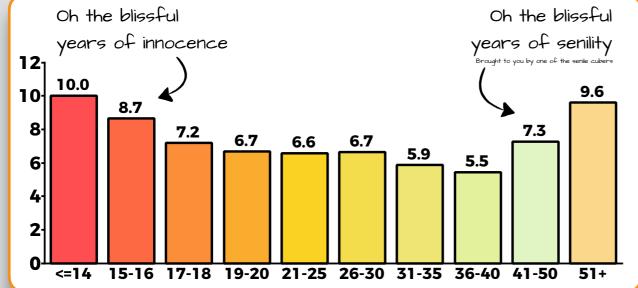


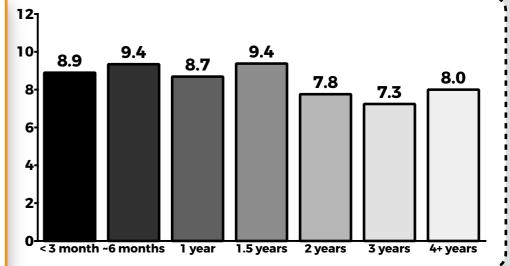
3X3 GLOBAL AVERAGE BY AGE GROUP



AVERAGE WEEKLY HOURS OF CUBING BY AGE GROUP

AVERAGE WEEKLY HOURS OF CUBING BY HOW LONG WE'VE BEEN PRACTICING 3X3

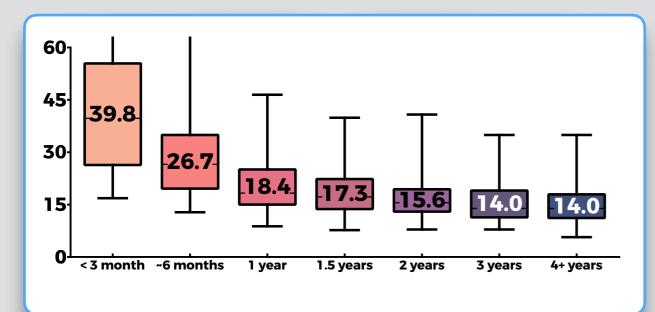


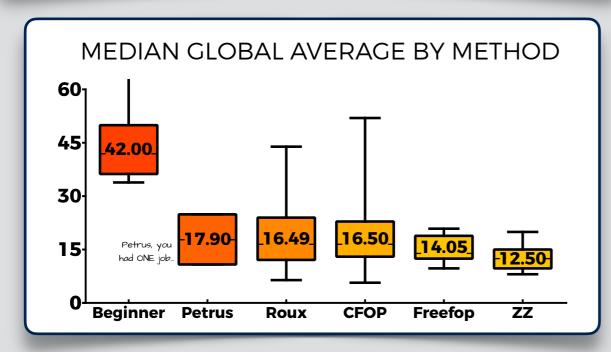




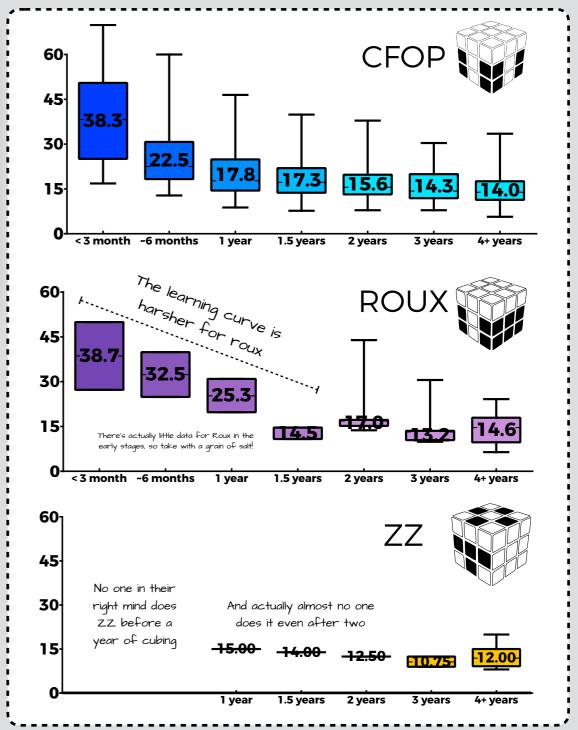
WE START TO HIT SERIOUS DIMINISHING RETURNS AFTER 2 YEARS. ALSO, IT'S OFFICIAL: ROUX IS FASTER THAN CFOP BUT IT TAKES LONGER TO MASTER IT

3X3 GLOBAL AVERAGE BY CUBING EXPERIENCE





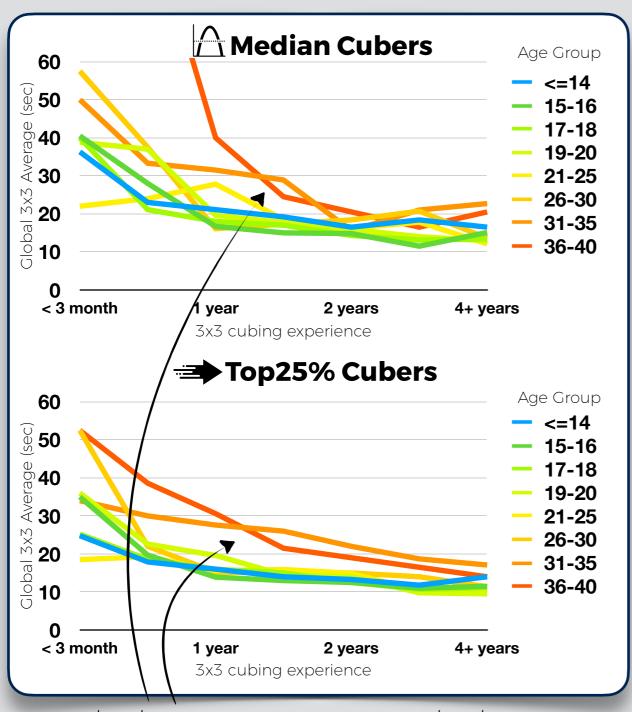
IMPACT OF CUBING EXPERIENCE BY METHOD





YOUNGER CUBERS IMPROVE 3.5X FASTER THAN THOSE WHO ALREADY HIT THEIR TWENTIES. GET CLOSER TO 40 AND IT TAKES A WHILE TO IMPROVE (BUT WE DO GET THERE EVENTUALLY!)

IMPROVEMENT OF GLOBAL AVERAGE BY AGE GROUP

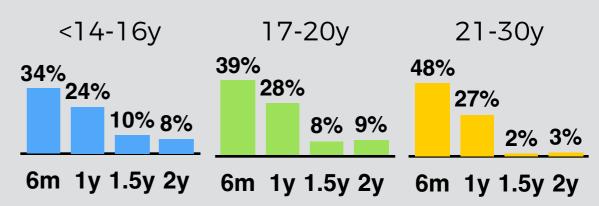


Older adults progress much more slowly, and need 1.5 years to get to the speed that most 14-16y olds reach in 6 months. The same holds true when we only look at the fastest 25% for each age group

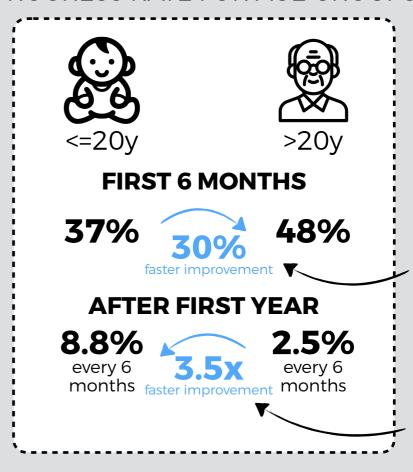


*Fewer data for older cubers, comparing progression is not really reliable

% of reduction of global average every 6 months



PROGRESS RATE FOR AGE GROUPS



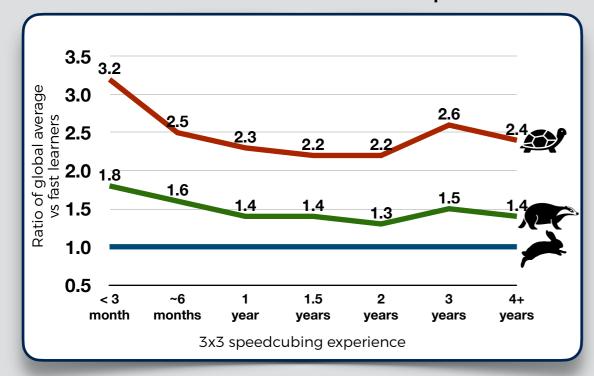
Progress the first six months is actually faster for older cubers: training is likely more structured, with better mental tools on "how to learn"

Then the advantage of brain plasticity overtake the positives of structured training

FAST LEARNERS REMAIN 2 TO 3 TIMES FASTER THAN SLOWER ONES; AND AGE DOESN'T HELP: QUICK LEARNERS ARE VANISHINGLY RARE AFTER 25



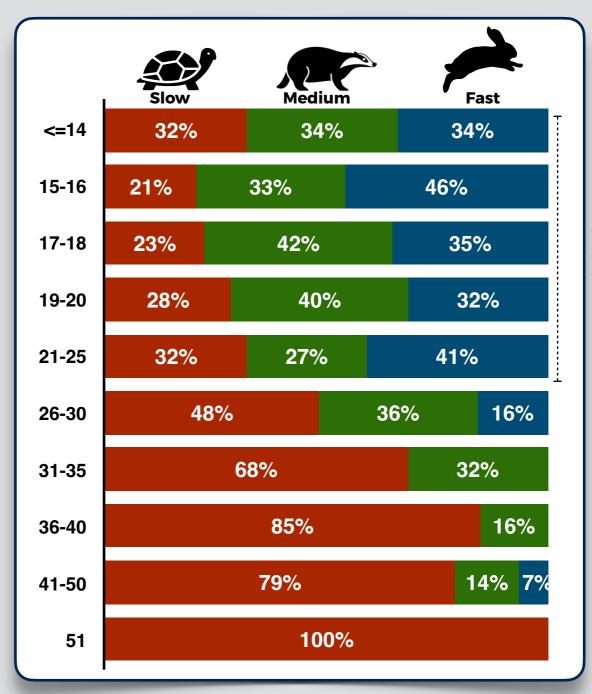
How much slower are times for slow learners compared to faster ones after the same amount of experience?



After 3 months slow learners take 3x longer than fast ones to solve the cube. They catch up, getting to approx 2x their counterparts after 1.5-2 years

Medium learners start out approx twice as slow as fast ones, but get closer quickly and remain so

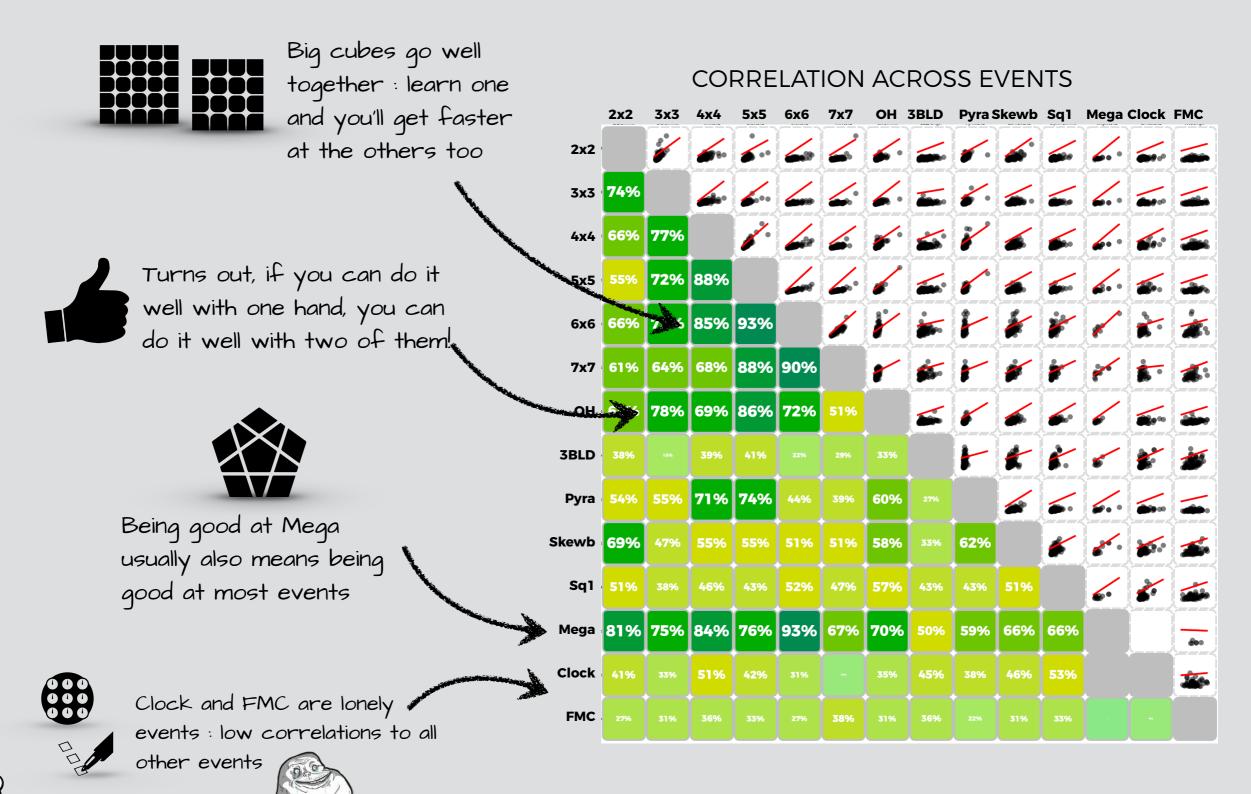




Almost all fast learners are under 25y old

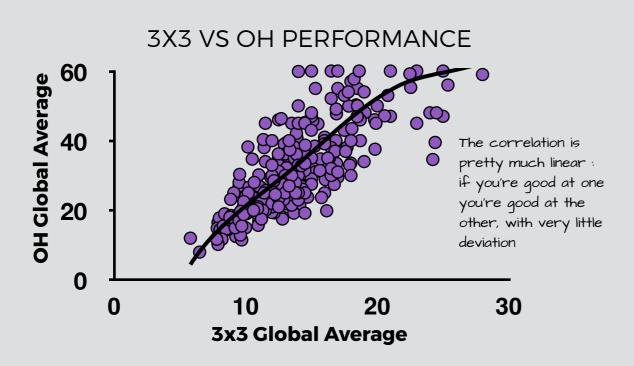


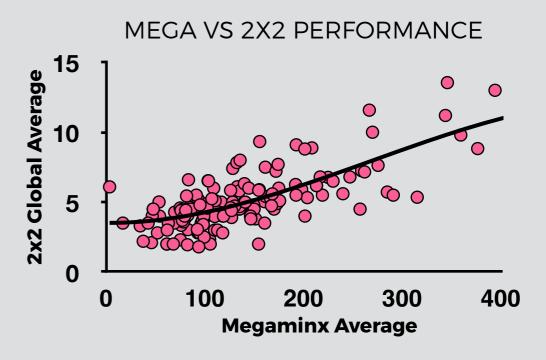
MOST EVENTS ARE CORRELATED AT LEAST PARTLY (NOT SURPRISING). BUT SOME EVENTS ARE MORE TIED TOGETHER THAN OTHERS (E.G. IF YOU DO BIG CUBES, YOU DO ALL OF THEM)

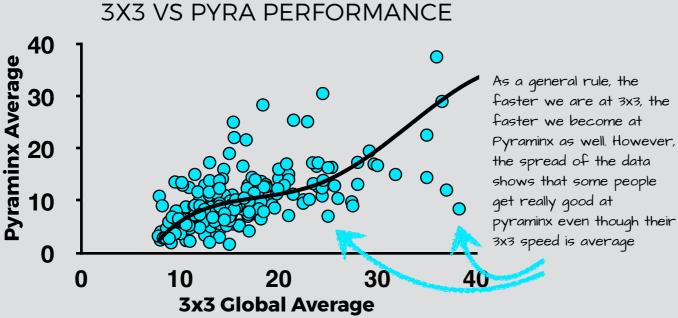


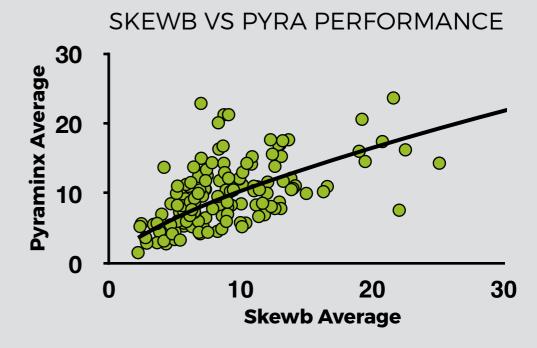


SINCE WE'RE TALKING ABOUT CORRELATIONS: HERE'S HOW SOME PUZZLES RELATE TO EACH OTHER; IN GENERAL BEING FAST AT ONE MEANS BEING FAST AT THE OTHERS





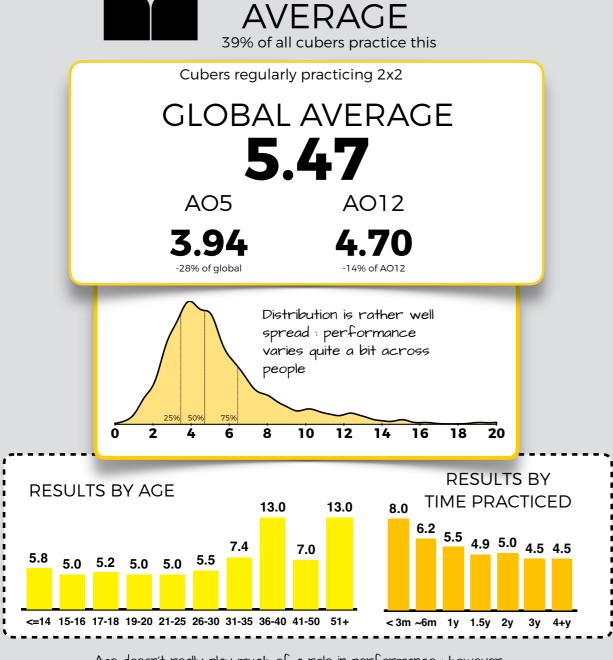






Chapter 4:

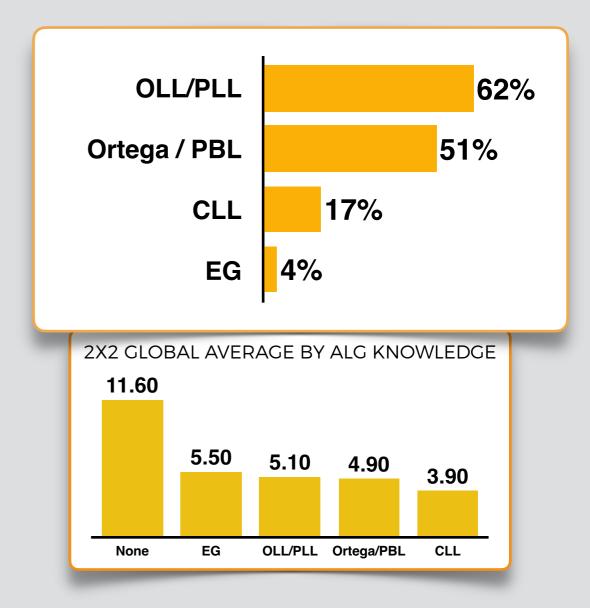
FOR 2X2, CLL AND PBL ARE THE FASTER ALGSETS, WITH CLL AVERAGING MORE THAN A SECOND FASTER THAN OTHER ALGSETS/METHODS. ALL OF THEM ALLOW TO SOLVE TWICE AS FAST AS WITHOUT ANY ALGS



GLOBAL 2X2

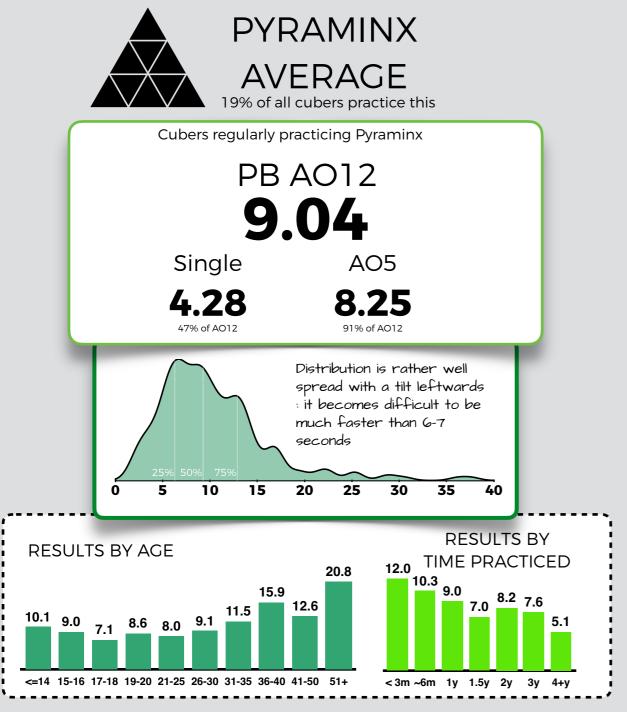
Age doesn't really play much of a role in performance : however, how long we've been practicing does, with the best results coming in after 3y of practice

WHAT 2X2 ALGSETS DO YOU KNOW & USE?



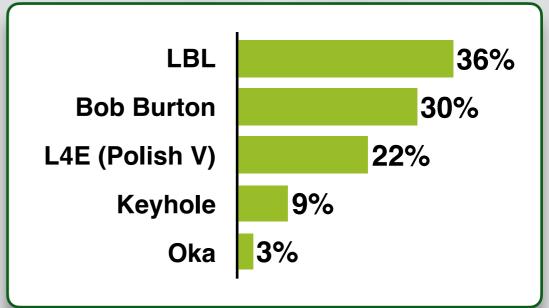


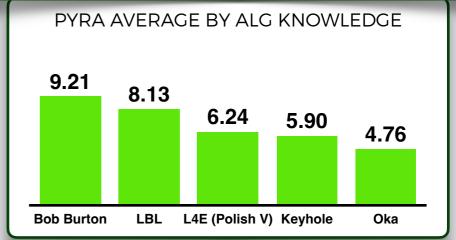
PYRA IS AN EVENT FOR THE YOUNGER ONES, AND WHICH METHOD YOU CHOOSE INFLUENCES PRETTY HEAVILY THE RESULTS YOU'LL OBTAIN (ON AVERAGE)



Pyraminx is an event for the young: people hitting their twenties already start to be slower than the younger ones We could say that the more time we invest in the event, the faster we become. Another way of seeing it is that only the most ambitious people stick to Pyraminx for 4 years!

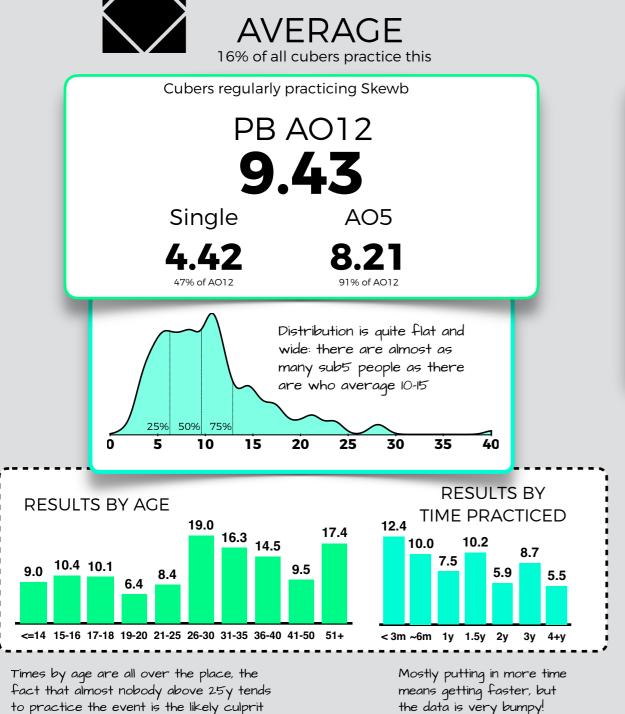
HOW DO YOU TYPICALLY SOLVE PYRAMINX?





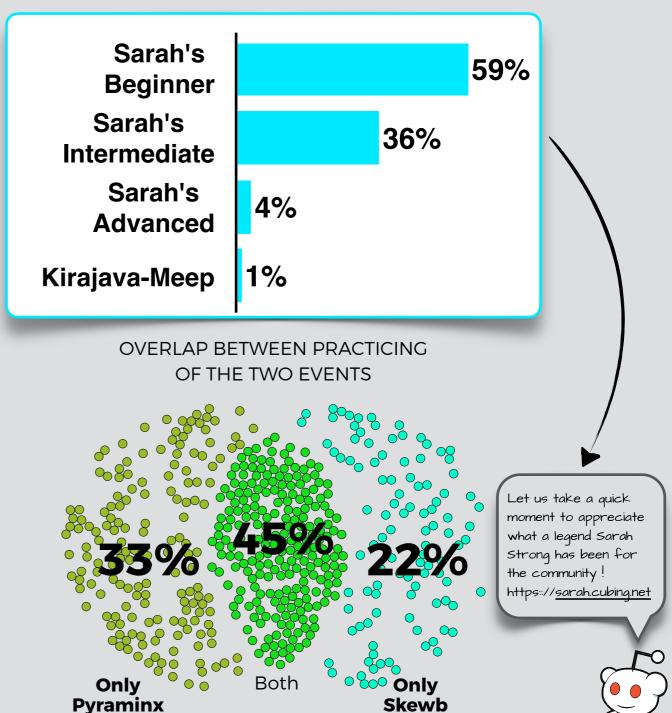


MOST PEOPLE WHO PRACTICE SKEWB ALSO PRACTICE PYRAMINX, AND THEY'RE ALMOST EXACTLY AS FAST IN ONE AS THEY ARE IN THE OTHER



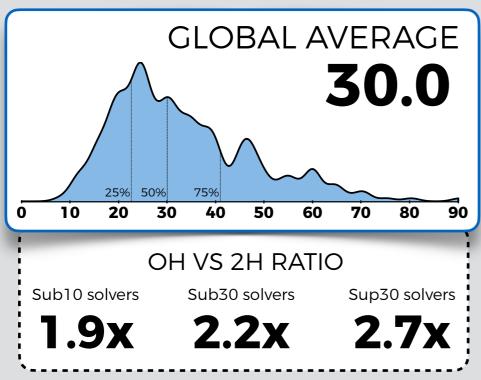
SKEWB

HOW DO YOU TYPICALLY SOLVE SKEWB?



WHEN WE GET FAST ENOUGH, SOLVING ONE-HANDED TAKES TWICE AS LONG AS TWO-HANDED... AND OUR HANDEDNESS DOESN'T REALLY MATTER

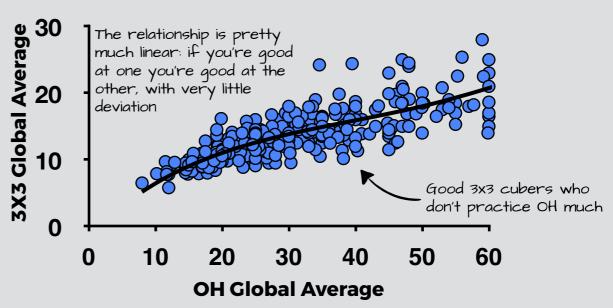




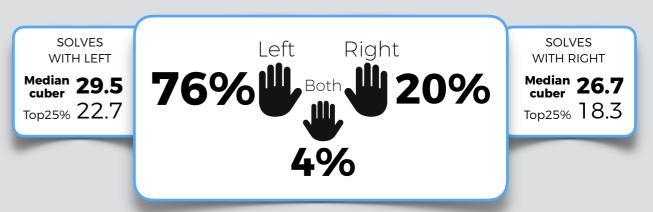
TIME GAP BETWEEN PBS AND GLOBAL AVERAGE

	PB Single	PB AO5	PB A012	Global
	20.2	25.8	28.1	30.0
Median cuber	67 %	86%	94%	100%
Top25%	61%	82%	88%	100%

OH VS 3X3 PERFORMANCE



PREFERRED HAND FOR OH



	Left handed	Ambidextrous	Right handed
Median cuber	30.6	30.2	30.0
Top25%	21.0	21.1	22.9
Uses left hand	73%	80% #	76%

Right or left handed, it doesn't really matter, we use the left for OH!



SQUAN: CSP IS A REAL GAME CHANGER, TOO BAD NOT A LOT ARE DOING IT (YET?)



Cubers regularly practicing Square-1

GLOBAL AVERAGE

35.5

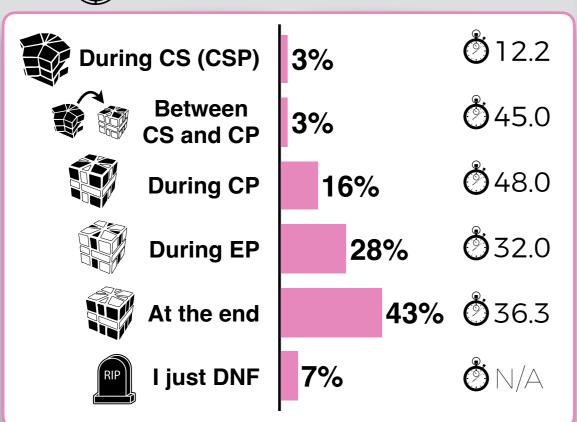
Single AO5 AO12

20.3 AO5 AO12

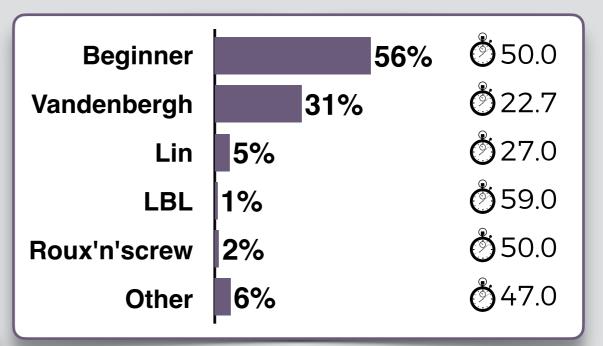
20.3 AO6 AO16

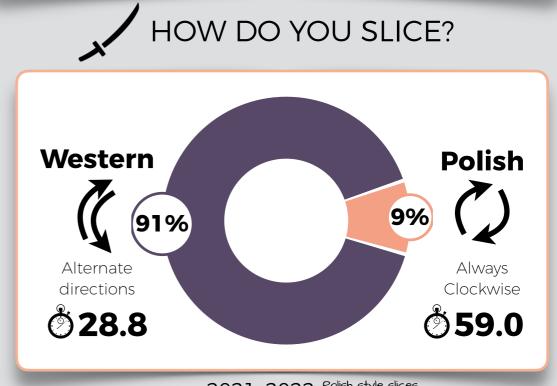
57% of global average 86% of global average 89% of global average

WHEN DO YOU DO PARITY?



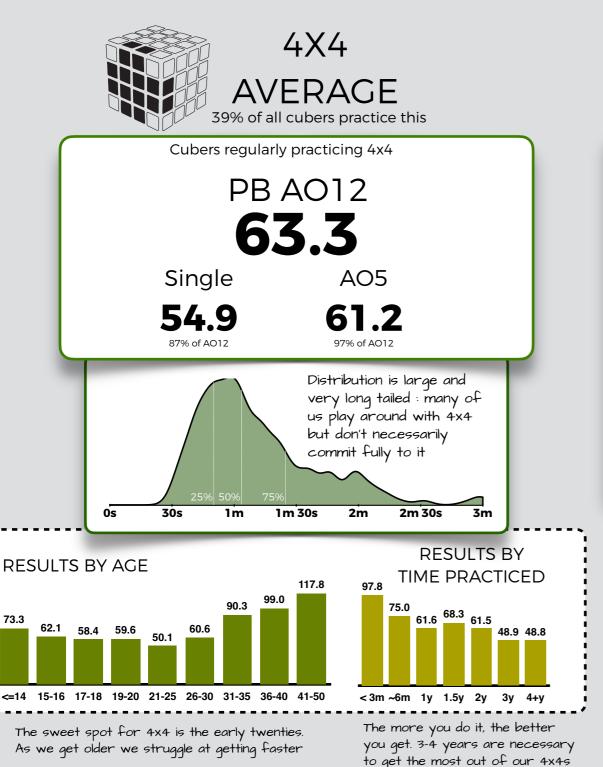
HOW DO YOU TYPICALLY SOLVE SQUAN?



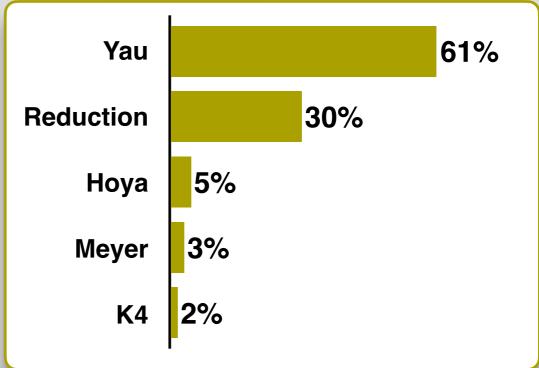


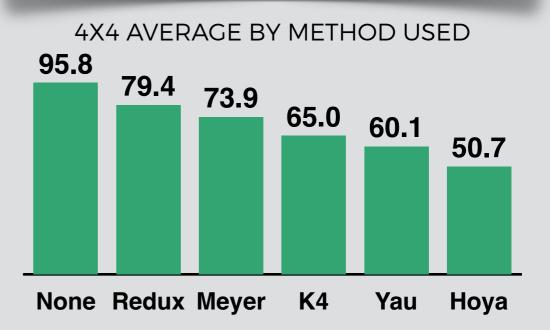
2021 2022 Polish style slices are a bit of a dying breed

WE ALL USE YAU, AND UNLESS WE USE HOYA, WE'RE TYPICALLY FASTER USING WITH IT THAN WITH OTHER METHODS



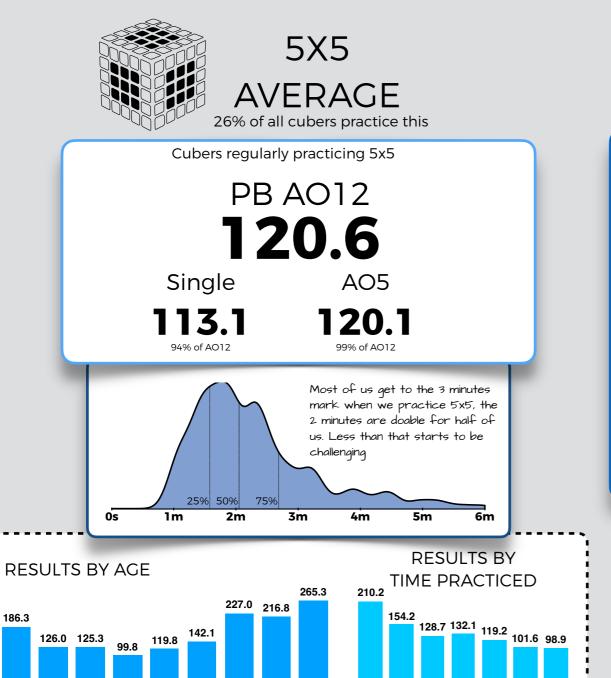
HOW DO YOU
TYPICALLY SOLVE 4X4?







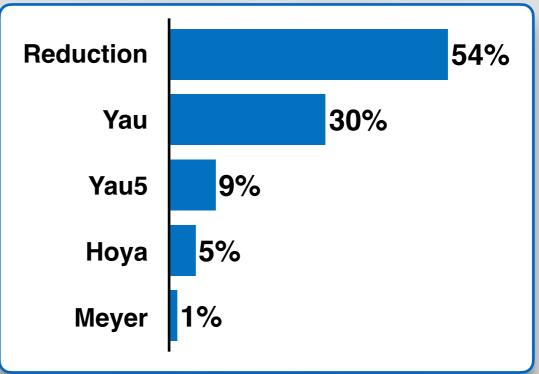
ON 5X5 MORE PEOPLE ARE USING REDUCTION, BUT YAU AND HOYA PROVE TO BE FASTER ON AVERAGE. YAU5 THOUGH... IS NICHE AND NOT GREAT!



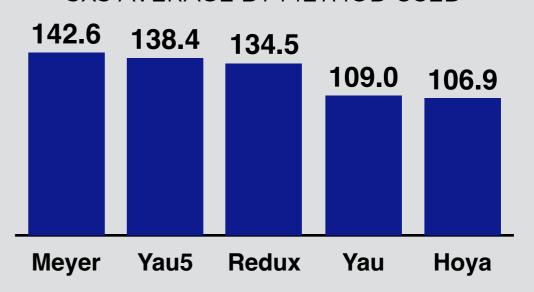
5x5 becomes difficult to be good at once we hit our thirties. At the same time, it requires a lot of time to get good at, with cubers getting really good at it only after 3 yers of practice

<=14 15-16 17-18 19-20 21-25 26-30 31-35 36-40 41-50

HOW DO YOU TYPICALLY SOLVE 5X5?



5X5 AVERAGE BY METHOD USED





<3m ~6m 1y 1.5y 2y 3y 4+y

BIGGER CUBES FOLLOW THE SAME TREND AS 5X5, BUT THE AGE BARRIER **BECOMES EVEN STRONGER**



BIG CUBES AVERAGE 10% of all cubers practice this





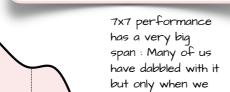
AO12 347.1

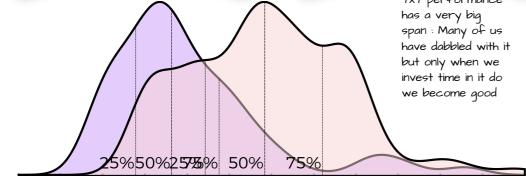
Single

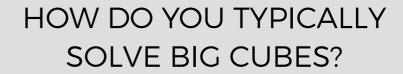
A₀5

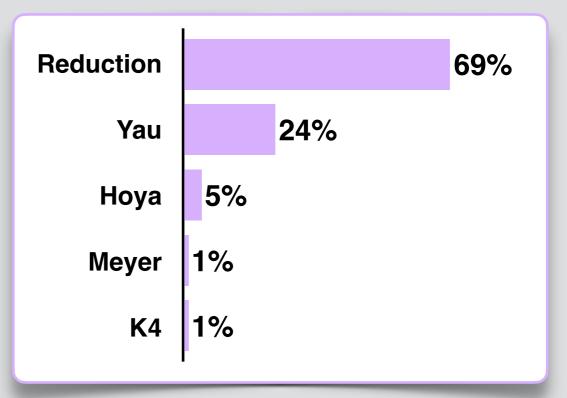
345.7 99% of AO12

345.9 99% of AO12

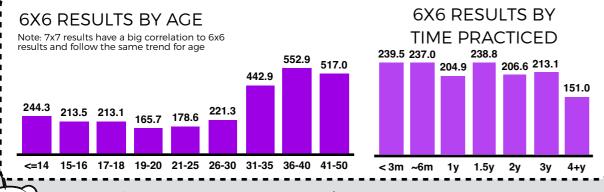








BIG CUBES AVERAGE BY METHOD USED

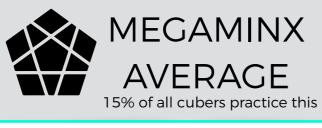


0s 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m11m12m

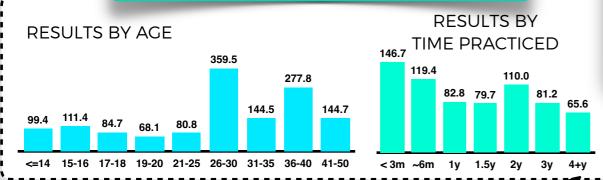
362 341 341 330 217 215 199 193 7x7 K4/Meyer Redux Hoya Yau

Large cubes are similar to 5x5 : they need time investment, which is a challenge for older adults, but the effect is amplified further

MOST OF US DON'T USE A PARTICULAR METHOD FOR MEGAMINX S2L, BUT WE REALLY SHOULD: ON AVERAGE WE'RE MORE THAN 1/3 FASTER WHEN WE DO!*



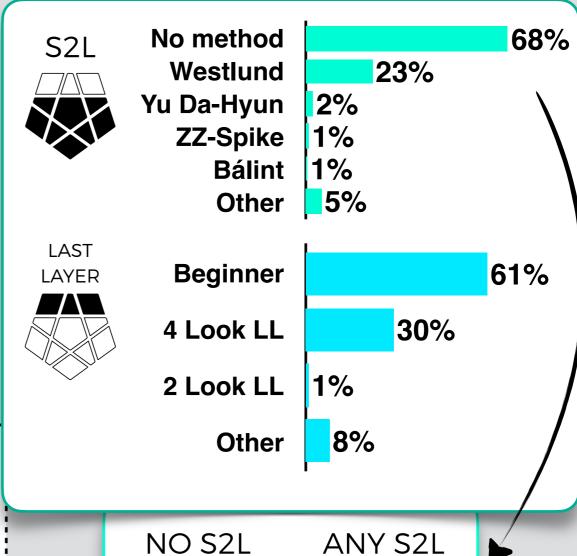
Cubers regularly practicing Megaminx **PB A012** 126.2 **AO5** Single 118.1 117.2 94% of AO12 Long tail for people who only dabble a bit with Mega.. the 3 minutes mark is reachable for those who decide to try it seriously 25% 50% 75% 2m 3m 4m 5m 6m 7m 8m



If you want to do Mega, start young. That 2Gy mark is a tough barrier to crack afterwards!

Mega is an event where keeping the interest up can be challenging many of us lose interest after 2 years and stop investing time in it

HOW DO YOU SOLVE...

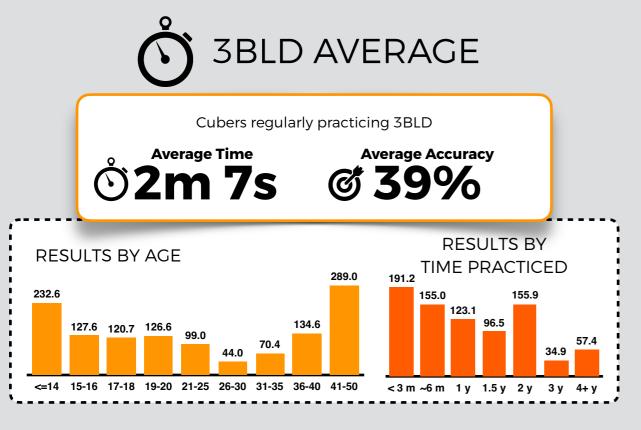


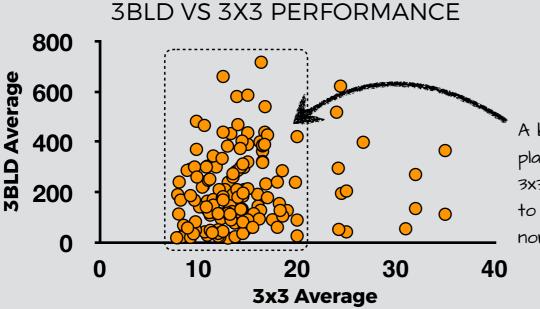
NO S2L ANY S2L METHOD METHOD **2m 32s 1m 33s -39%**

*Learning a method improves times by leaps and bounds. But careful with correlation: people who invest time in Mega are more likely o learn a method anyway.



IT TAKES US ~2 MINUTES TO SOLVE THE CUBE BLINDFOLDED, BUT THE METHOD WE USE ALSO TELLS A LOT ABOUT HOW LONG WE'VE BEEN PRACTICING

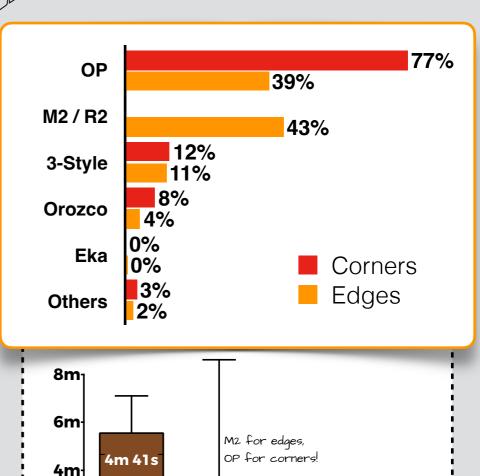


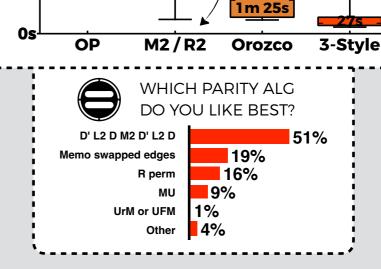


A bit all over the place: Being good at 3x3 doesn't translate to great 3BLD times nor vice versa



WHICH METHOD DO YOU USE?



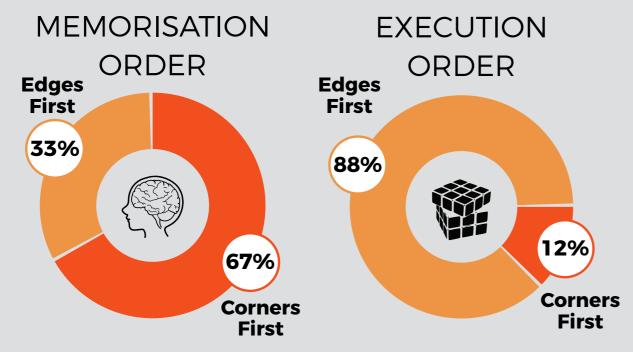


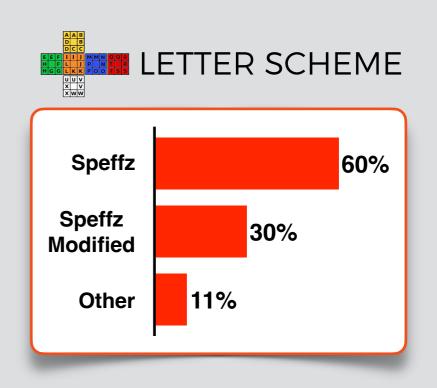
2m 15s

2_m

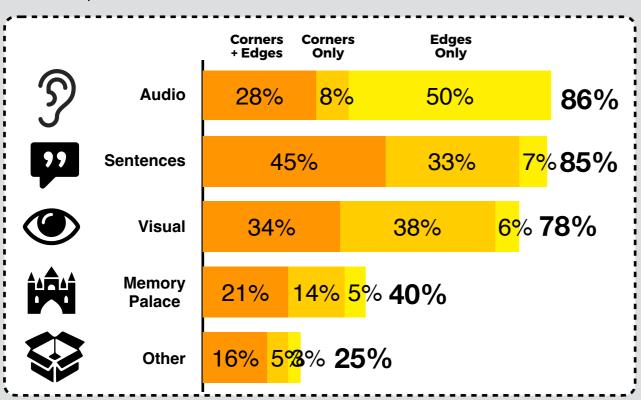


WE START MEMORISING CORNERS BUT SWITCH FOR EXECUTION. WE TEND TO LIKE AUDIO FOR EDGES AND SENTENCES FOR CORNERS (OR BOTH)



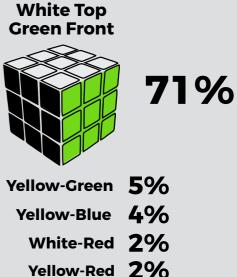






MOST USED COLOR
ORIENTATIONS

Most of us mix and match different techniques





WE ARE OPTIMISTIC THAT SOME BIG MILESTONES WILL BE BROKEN IN THE NEAR FUTURE; 100 POINTS IN MULTI BLIND REMAINS A BIT OF A CHIMERA

WHEN (IF EVER) DO YOU THINK THE FOLLOWING THINGS WILL HAPPEN?



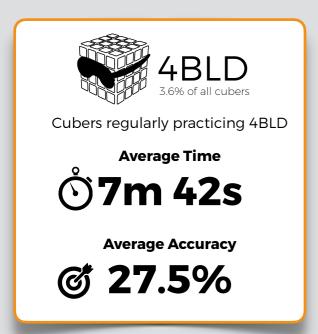
BREAK CURRENT WR Jan 28 20	In 2023 82% 23:12.78	Next 2-3 years 17%	More than 3 years 1%	Never
SUB12 WR	38%	55%	7 %	0%
SUB10 WR	2%	40%	54%	4%

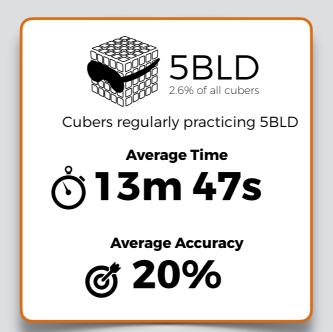


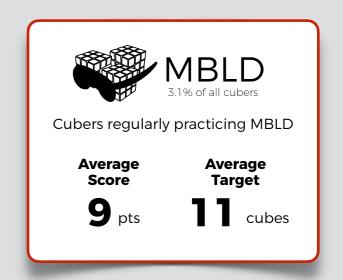
BREAK CURRENT WR	In 2023 53%	Next 2-3 years 39%	More than 3 years 7%	Never
> 60 POINTS WR Current WR is 59 (62/65)	50%	37 %	12%	1%
> 80 POINTS WR	2%	20%	63%	15%
> 100 POINTS WR	1%	4%	48%	47%∢



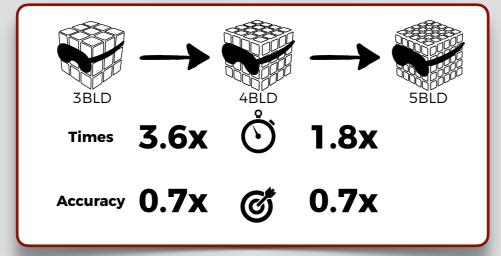
WHILE ACCURACY DROPS LINEARLY WITH THE COMPLEXITY OF THE CUBE, 5BLD ONLY TAKES "TWICE AS LONG COMPARED TO 4BLD (WHICH IN TURN IS ALMOST 4X LONGER THAN 3BLD)





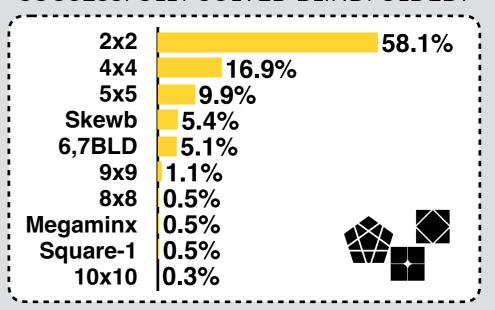


HOW MUCH MORE TIME DOES IT TAKE TO MOVE UP ONE SIZE IN BLD?



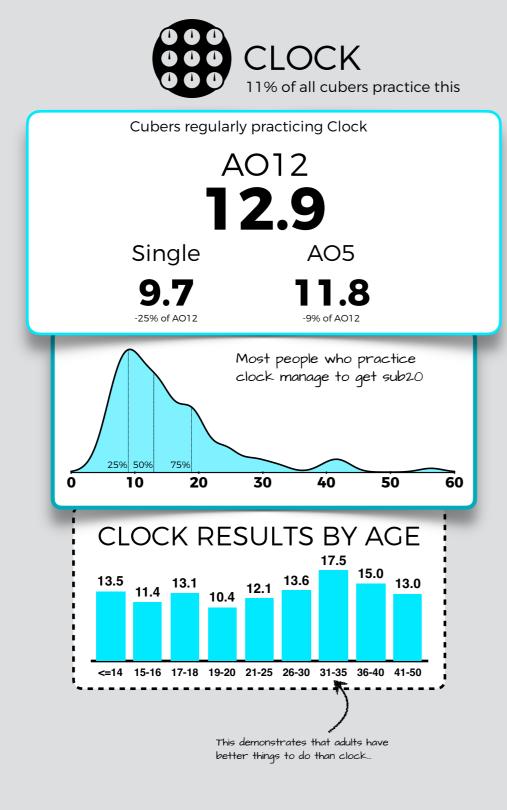
Accuracy drops by the same amount every time we go up one level

WHICH OTHER EVENTS HAVE YOU SUCCESSFULLY SOLVED BLINDFOLDED?

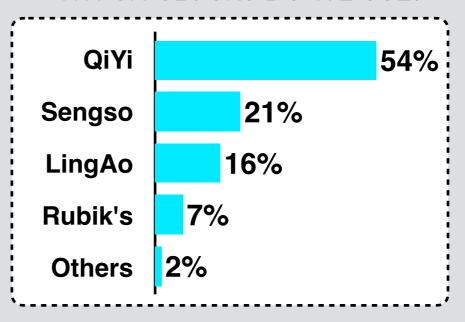




CLOCK IS SOMEWHAT IMPACTED BY AGE, BUT NOT THAT MUCH: 40+ YEARS OLDS ARE AS FAST AS 14Y OLDS, AND MOST PEOPLE ARE ABLE TO GET TO SUB20

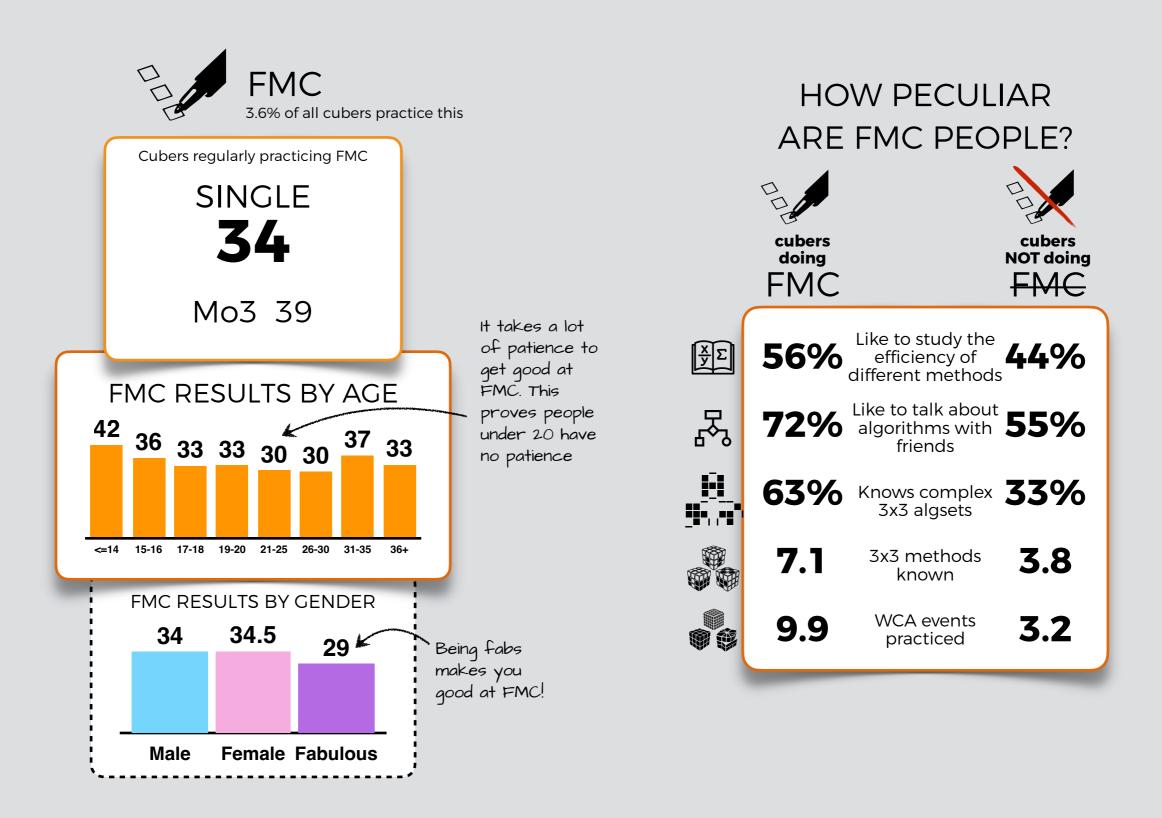


WHICH CLOCKS DO WE USE?



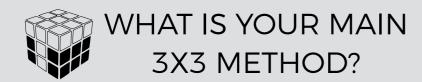


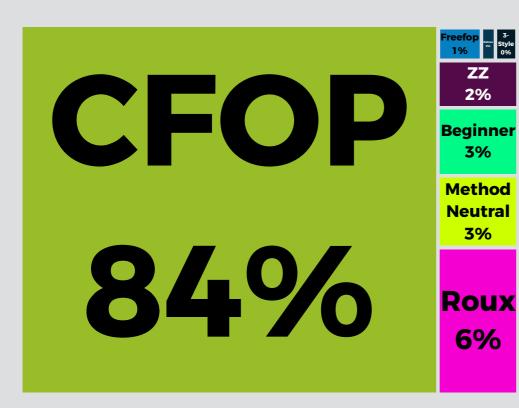
THE MORE NICHE EVENTS HAVE QUITE A BIT OF NUANCE, WITH AGE AND GENDER HAVING SOMEWHAT OF AN INFLUENCE ON THEM

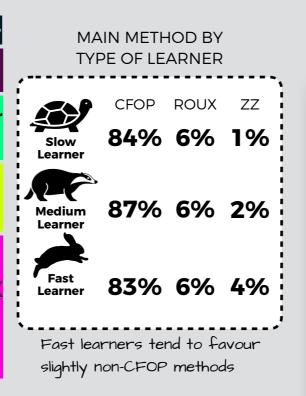


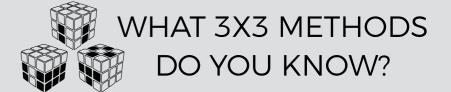


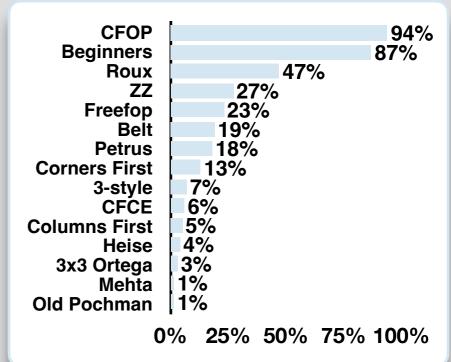
MANY OF US DABBLE IN SEVERAL METHODS, BUT END UP MAINING CFOP; IT'S NOT THE FASTEST METHOD ON AVERAGE, BUT IT REMAINS THE FASTEST AT THE TOP

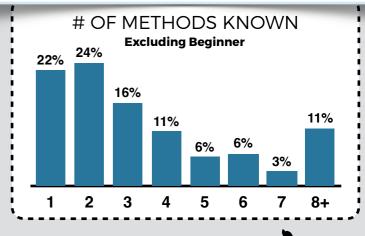












Having a grasp of the mechanics of multiple methods helps improving faster 1.7

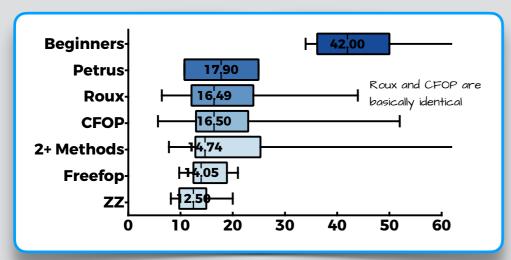
methods

28

methods

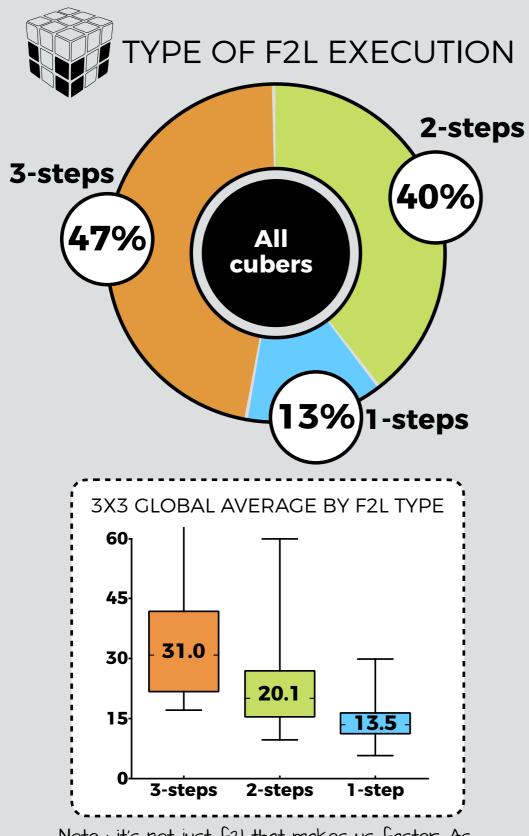


3X3 GLOBAL AVERAGE BY MAIN METHOD



Note: It is not surprising that the averages for niche methods is lower than CFOP, (people only branch out after they've been cubing for a while). It's just Petrus that should stop eating donuts and start exercising again

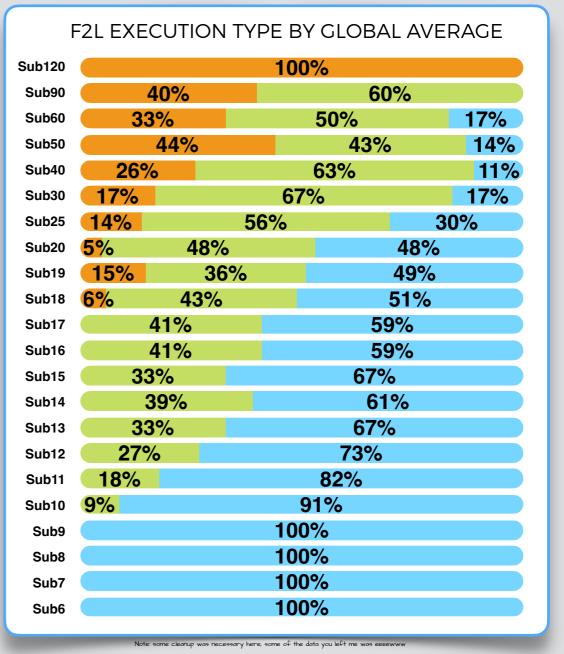
ALMOST HALF OF US STILL DO 3 STEPS FOR F2L, BUT AS WE GET FASTER WE REDUCE THE NUMBER OF STEPS, AND BY SUB20 ALMOST HALF OF US HAVE IT IN MUSCLE MEMORY





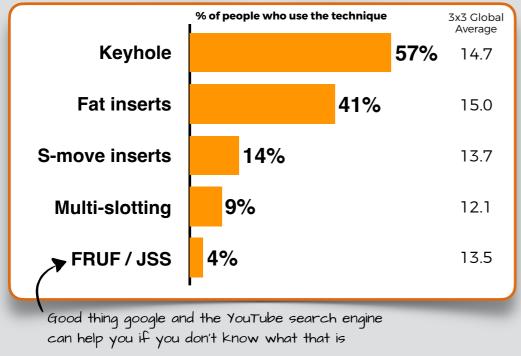
Note: it's not just f21 that makes us faster. As we get good at f21 we also get good at the rest



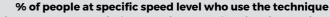


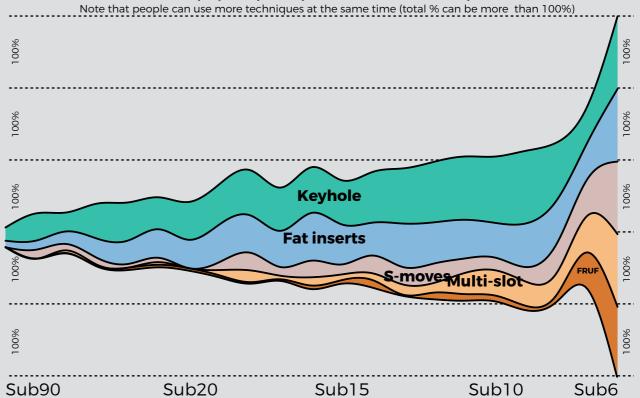
THE FASTER WE GET, THE MORE LIKELY WE ARE TO USE KEYHOLE AND FAT INSERTS IN THE BACK. THE OTHER TECHNIQUES ARE USUALLY INTRODUCED ONLY AT THE FASTEST LEVELS



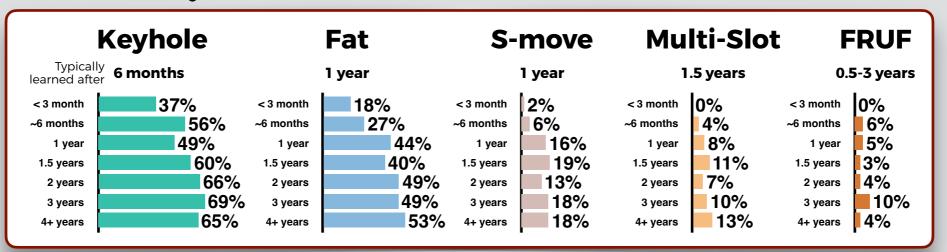


PREVALENCE OF TECHNIQUES BY 3X3 GLOBAL AVERAGE



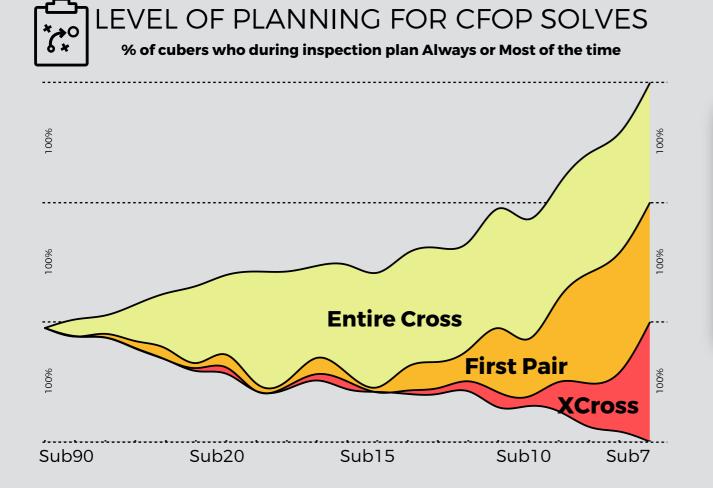


USE OF TECHNIQUE BY 3X3 EXPERIENCE

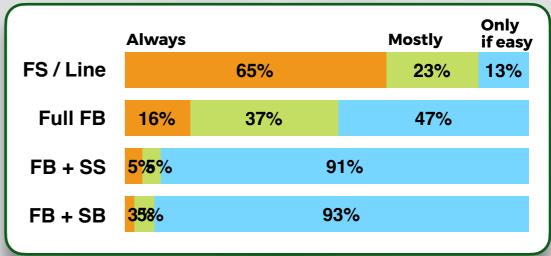




MOST FAST LEARNERS TAKE THEIR TIME DURING INSPECTION; BY SUB20 ALL OF US CAN PLAN THE ENTIRE CROSS, FIRST PAIR HAS TO WAIT UNTIL SUB10, AND CONSISTENT XCROSSES EVEN FURTHER



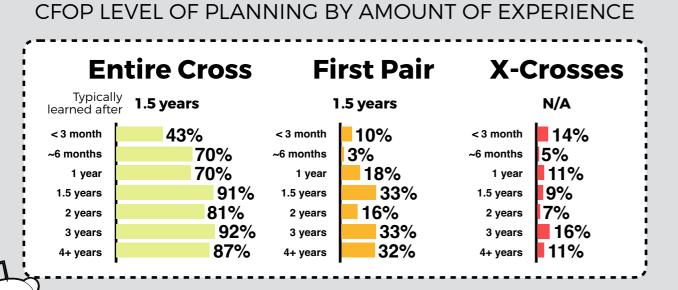
LEVEL OF PLANNING FOR ROUX SOLVES*



* Unfortunately we don't have that many Roux solvers, so we don't get the same amount of juicy data



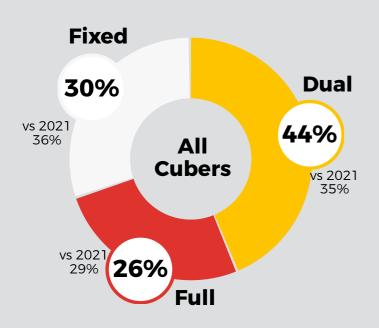
DO YOU USE A STRICT 15S INSPECTION?



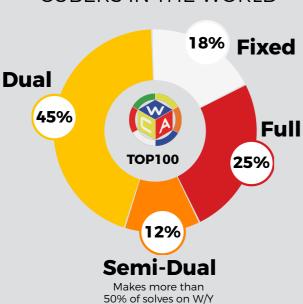
	Slow Learners	Medium Learners	Fast Learners
Yes or mostly	43%	41%	30%
No or only before comps	57% → 11%	59% 19%	70% 35%

IF YOU WANT TO IMPROVE FASTER, STICK TO DUAL COLOR NEUTRALITY (AND, MOSTLY, ALSO IF YOU WANT TO BE FASTER IN GENERAL)

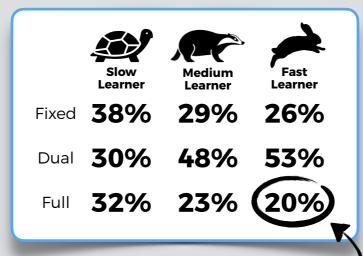
COLOR NEUTRALITY



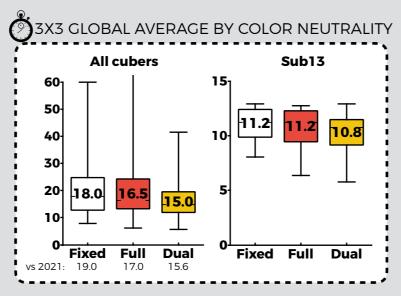
AMONG THE TOP 100 CUBERS IN THE WORLD



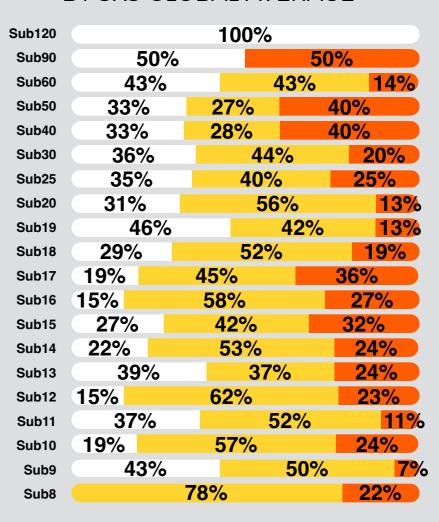
COLOR NEUTRALITY BY LEARNING SPEED



If you're a fast learner you're less likely to be fully color neutral. This suggests that, being fully color neutral slows you down



PREVALENCE OF COLOR NEUTRALITY BY 3X3 GLOBAL AVERAGE



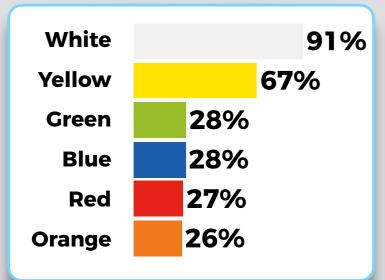


We've tried to turn it every which way, and the result is the same: full color neutrality is slower, in progress, in overall speed.

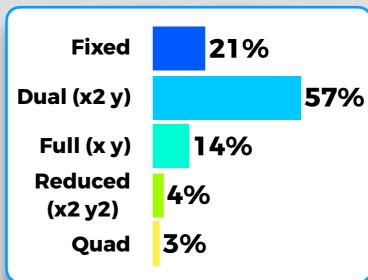
Note that about 1/3 of "fully color-neutral" world-class solvers, in reality solve most of the time in Dual only (i.e. more than 50% of solves on White or Yellow, but typically 60% or more of their solves)

WE START BECOMING COLOR NEUTRAL AT AROUND SUB60, BY SUB18 MORE THAN HALF OF US ARE DUAL OR FULLY CN

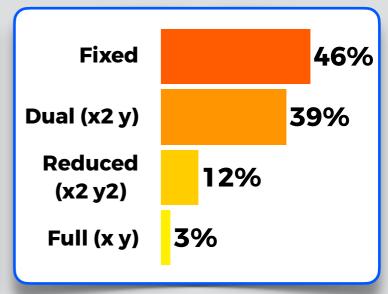


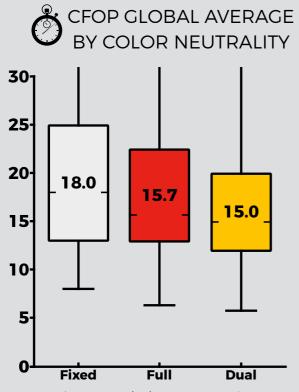


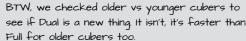


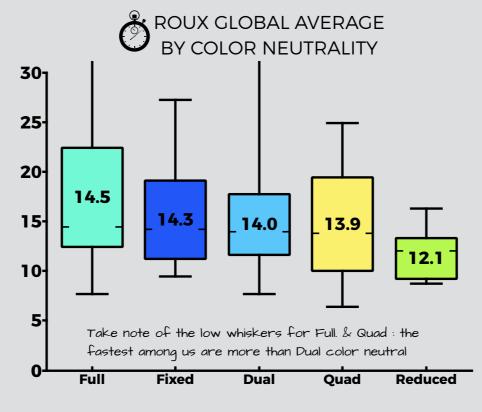


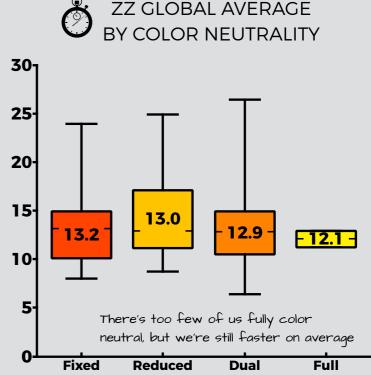






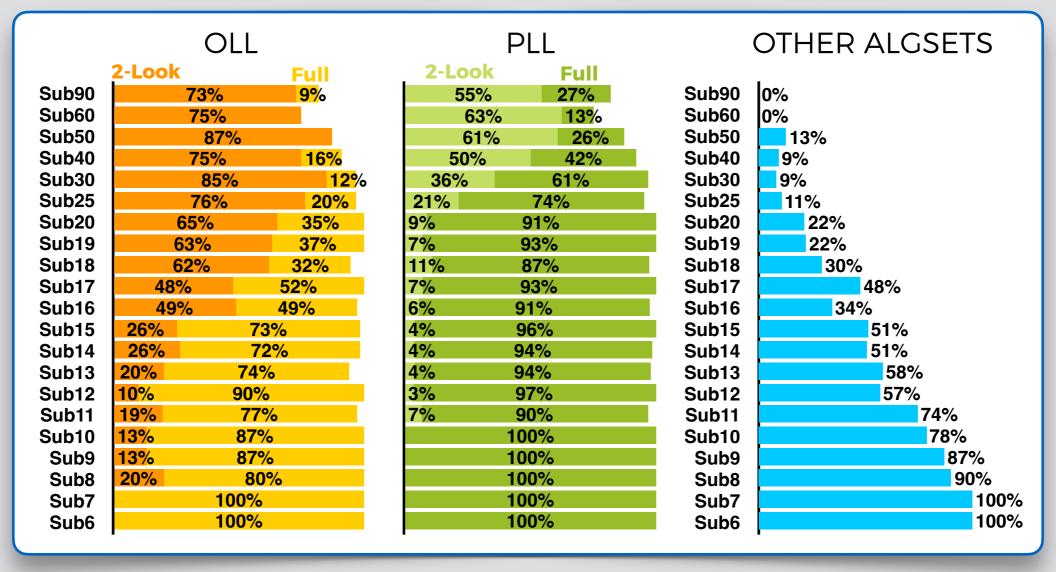


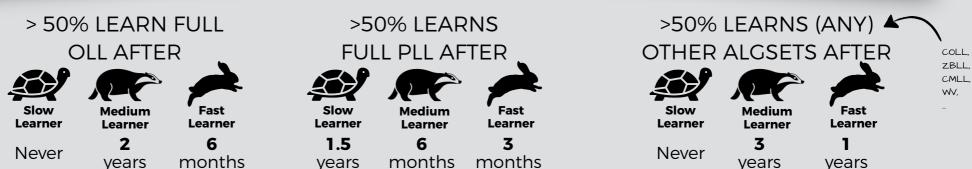




MANY OF US ARE 2-LOOKING OLL EVEN AT SUB15 AND LOWER; BUT WE ALL (OR ALMOST) LEARNED FULL PLL BY THE TIME WE HIT SUB20; MOST OF US START LEARNING OTHER ALGSETS AFTER SUB15

2-LOOK VS FULL ALGSETS BY 3X3 AVERAGE

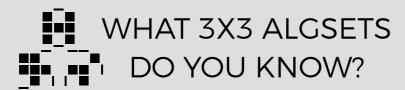


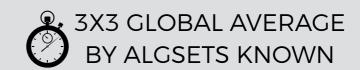


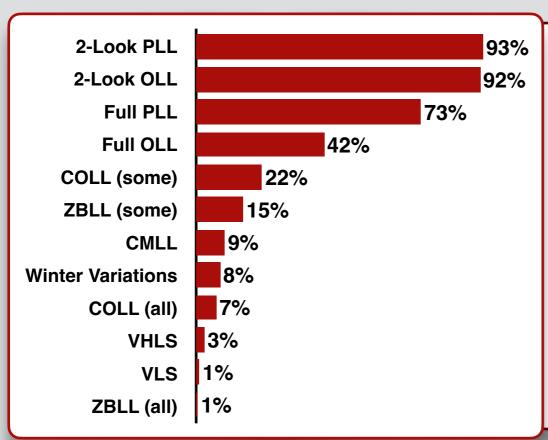


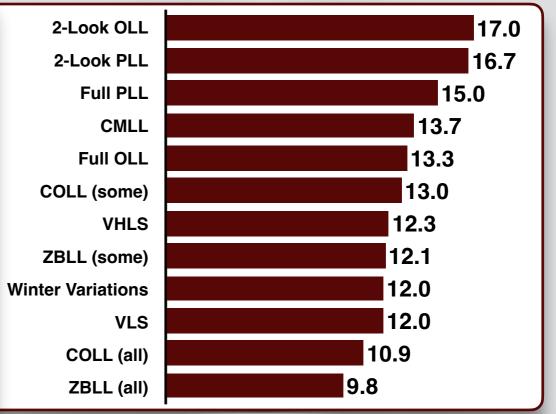
Fast learners are indeed faster at learning!

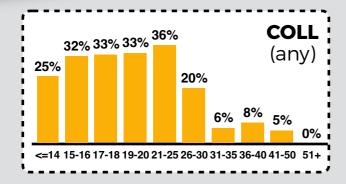
WHILE MOST OF US LEARN PLL AND OLL, OTHER ALGSETS ARE ONLY KNOWN BY A SMALL AMOUNT OF PEOPLE, AND AGE SEEMS TO INFLUENCE WHICH ONES WE LEARN

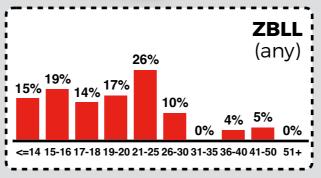


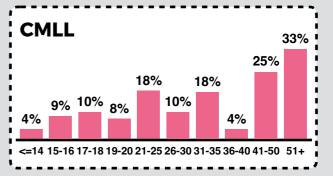


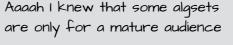






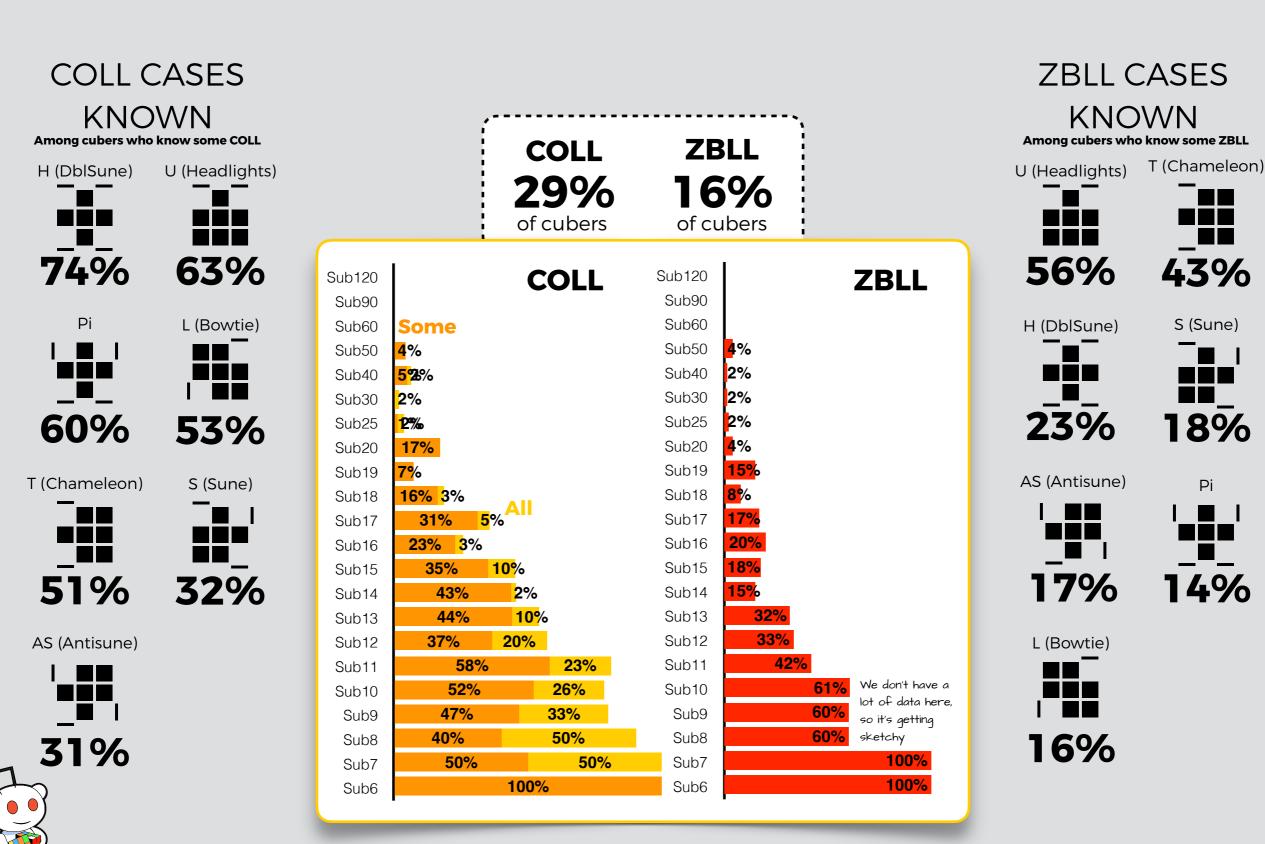








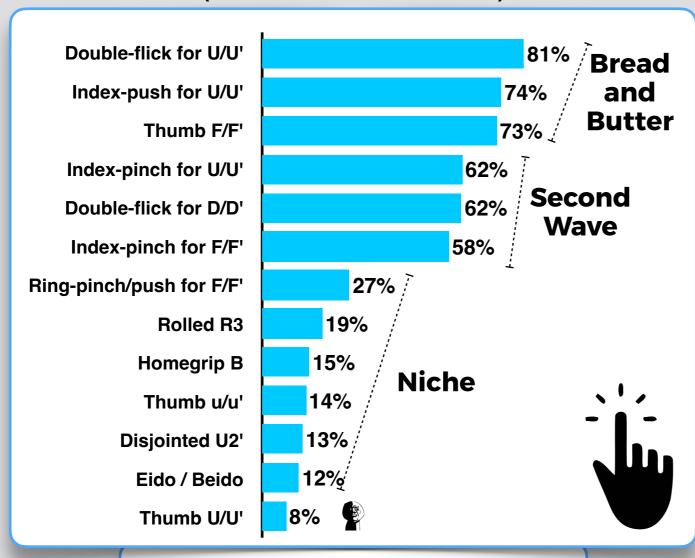
COLL AND ZBLL ARE THE PURVIEW OF OUR FASTER SOLVERS; PEOPLE ARE LEARNING DIFFERENT CASES FOR BOTH, BUT HEADLIGHTS (U) REMAIN NEAR THE TOP



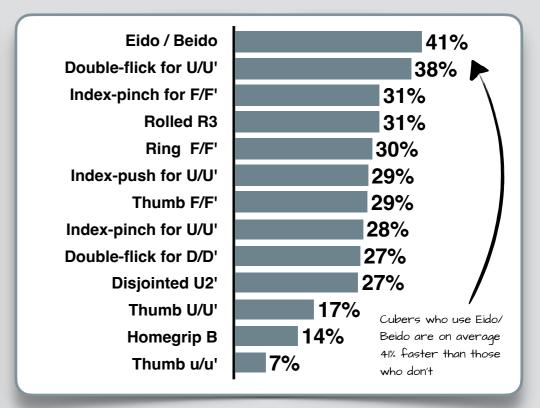
LEARN EIDO, RING F, DISJOINTED U2 AND ROLLED R3 : YOU'LL BE GLAD YOU DID!

FINGERTRICKS WE UTILISE

(% OF CUBERS USING FINGER TRICK)



3X3 GLOBAL AVERAGE GAINS FOR CUBERS WHO USE FINGER TRICK VS THOSE WHO DON'T



THE "FASTEST" FINGERTRICKS: 3X3 GLOBAL AVERAGE FOR FINGER TRICK USERS

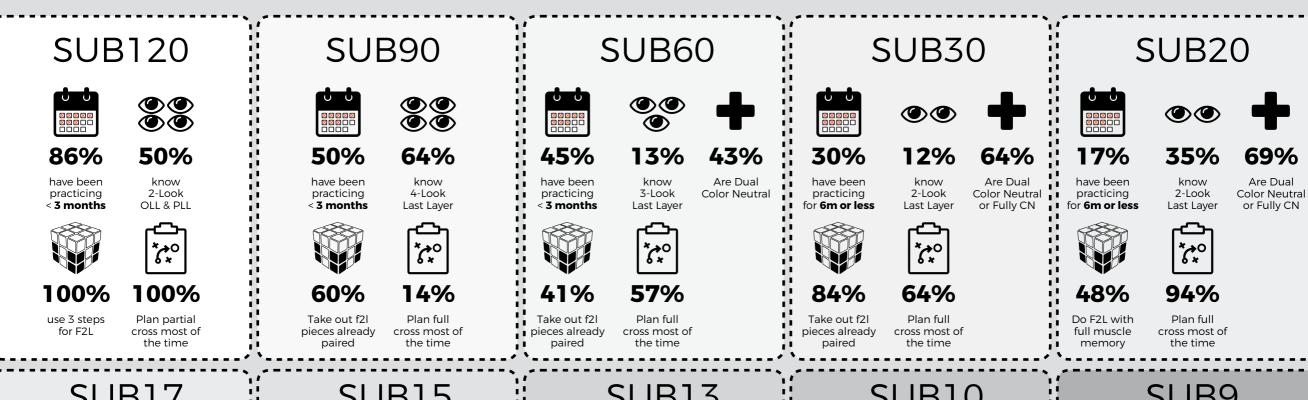


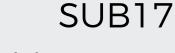
% OF FINGER TRICK USAGE FOR **FASTER AND SLOWER SOLVER** top15% **Sub13** of cubers Sup13 VS. Eido / Beido 19% +169% 7% Ring F/F' 35% +51% 23% Disjointed U2' 16% +48% 11% Rolled R3 23% +38% 17%

As we get faster, we introduce more fingertricks to our toolkit, with some of the more niche fingertricks used only by the fastest cubers



WHEN DO WE LEARN TO DO WHAT? IT'S PRETTY GRADUAL FOR MOST THINGS : THERE ISN'T A SINGLE "WINNER" TOOL; WE HAVE TO IMPROVE BY LEARNING ALL OF THE TOOLS







21%

have been practicing or 1y or less



48%

Do F2L with full muscle memory



52%

know

2-Look

Last Layer

7% Plan first pair most of the

time

Know some COLL

SUB15

73%

know

2-Look

Last Layer



81%

Are Dual Color Neutral or Fully CN



36%

Do F2L with full muscle memory

67%

13%

have been

practicing

for 1y or less

time

21% 45% Plan first pair

Know some most of the COLL

18%

Know some

ZBLL

SUB13



10%

have been practicing for 1y or less



96% 26%

Do F2L with full muscle memory



know

2-Look

Last Layer

32% 74%

Know some **ZBLL**



54%

Plan first pair Know some most of the COLL time

SUB10



8%

have been

practicing

for 1.5y or less

70%

Plan first pair

most of the

time

87%

know 2-Look Last Layer



25%

time

Plan X-Cross Know some most of the COLL

61%

Know some

ZBLL

78%

SUB9



6%

have been

practicing

for 2y or less

**

92%

Plan first pair

most of the

time

87%

know

2-Look

Last Layer



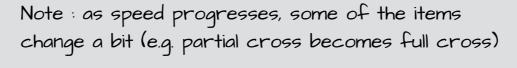
Know some **ZBLL**



35% 80%

Plan X-Cross most of the time

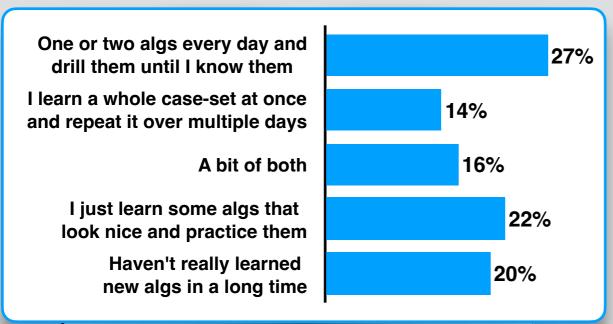
Know some COLL

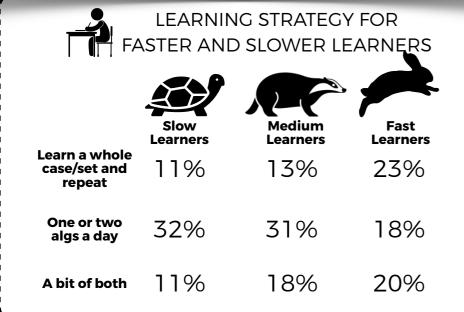




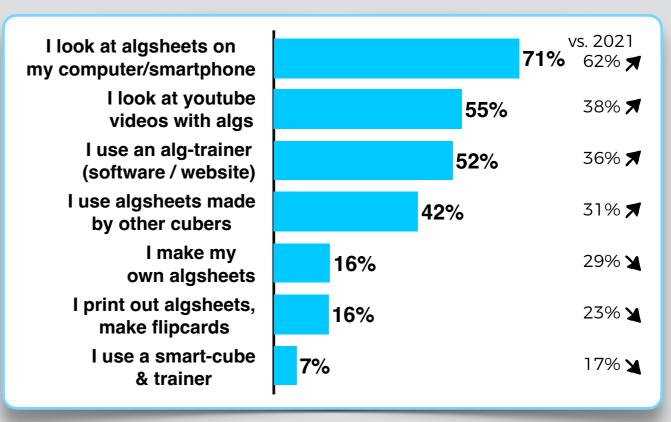
THE FASTER LEARNERS AMONG US TEND TO LEARN IN BULK MORE THAN THE SLOWER ONES. AND WE'VE BECOME MORE RELIANT ON EXISTING RESOURCES RATHER THAN MAKING OUR OWN





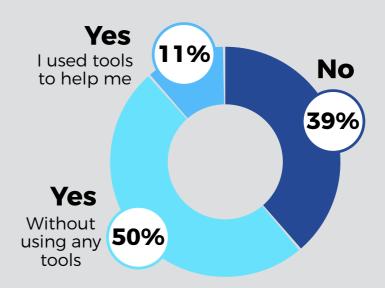


WHAT TOOLS DO YOU USE TO HELP YOU LEARN NEW ALGS?

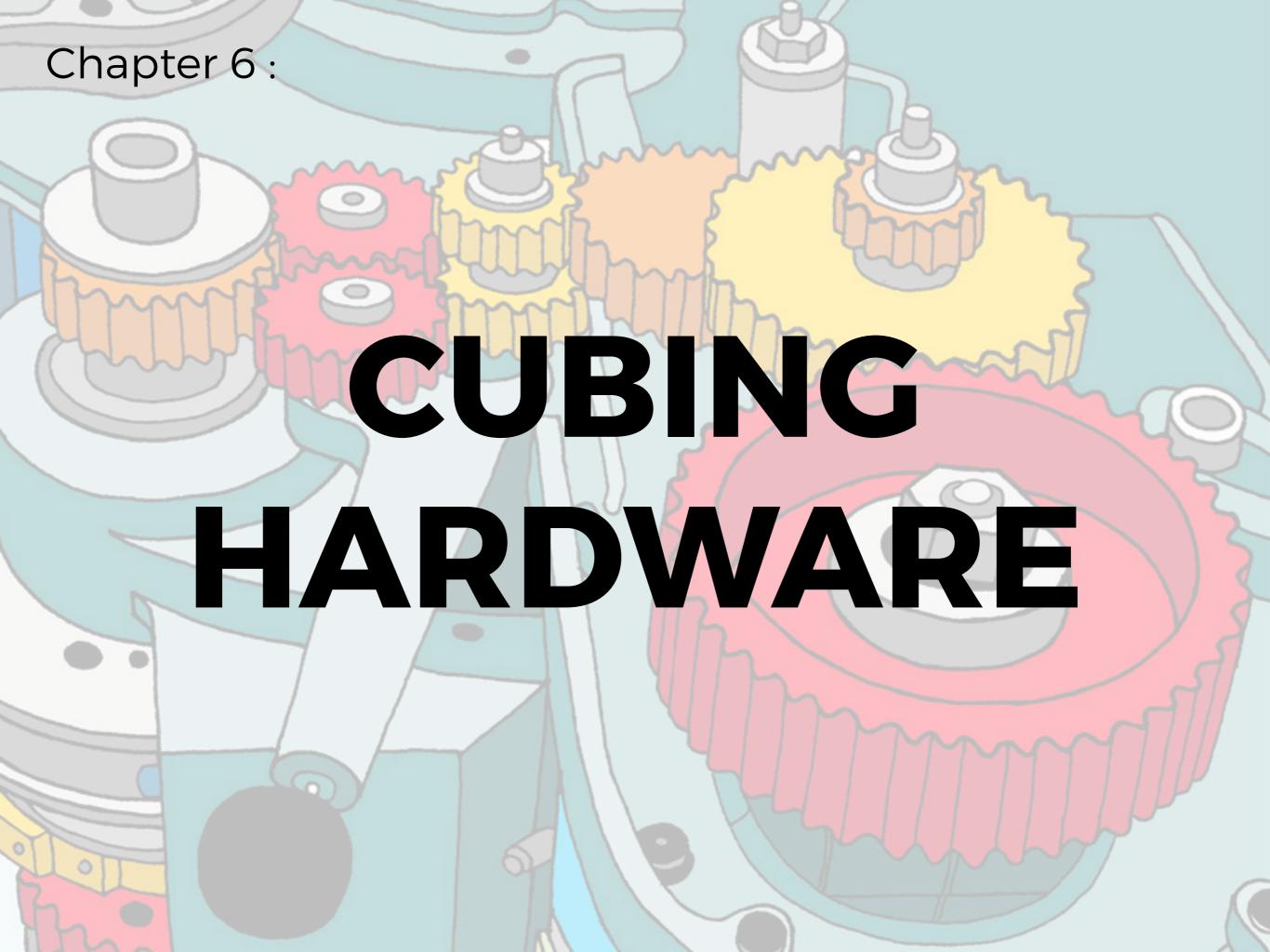


HAVE YOU EVER COME UP WITH AN ALGORITHM OF YOUR OWN?

or modified an existing one you already knew

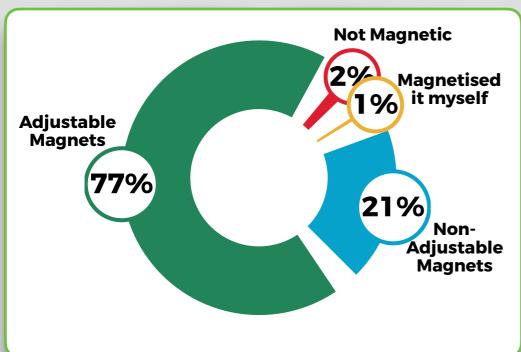


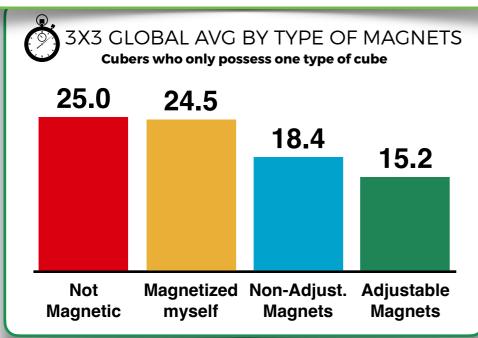




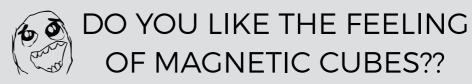
ADJUSTABLE MAGNETS HAVE BECOME THE NORM; FOR CUBE-SHAPED EVENTS WE LIKE THEM A LOT, BUT IT'S THE OTHER EVENTS WHERE WE'RE LEARNING HOW GOOD MAGNETS CAN BE







It might be O.G. to have non magnetic cubes, but they're just not as good as the new generations of cubes



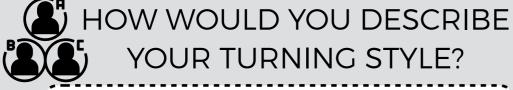
	3x3	Big Cubes	Pyraminx	Square-1	0 0 0 0 0 0 0 0 0
Can't solve without them	78 %	72 %	39%	46%	34%
Makes no difference to me	20%	14%	36%	21%	11%
No/Never tried	2%	14%	25%	33%	56%

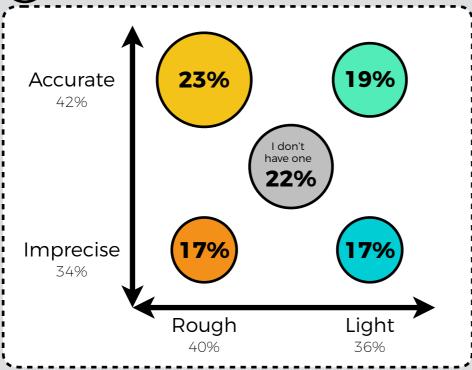
AVERAGE TIMES BY ATTITUDE TOWARDS MAGNETS

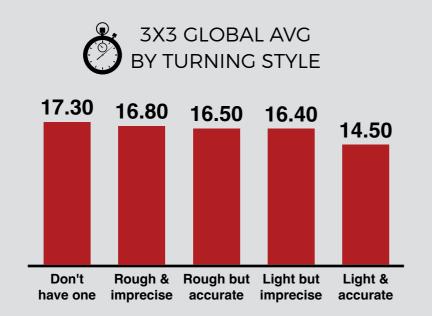
Can't solve without them		Makes no difference to me	
16.4s		16.5s	For cube-shaped events, it really doesn't
120s		120s	make a difference to them!
8.4s		9.3s	
28.5s		35.0s	For non-cube events magnet-agnostic solvers are significantly slower
11.0s	000	18.0s	than the others

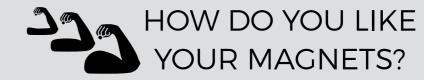


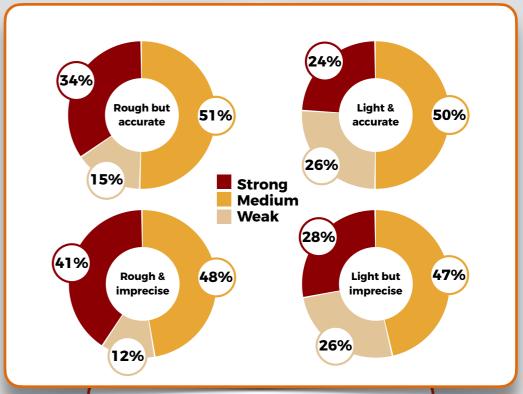
AS WE GET FASTER, OUR TURNING TENDS TO BECOME LIGHT AND ACCURATE; AND YET OUR PREFERENCE FOR STRONG MAGNETS HAS INCREASED SINCE LAST YEAR







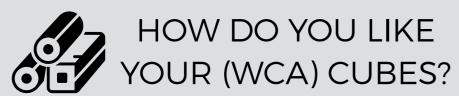


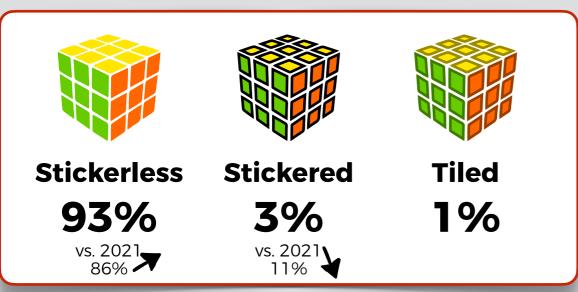




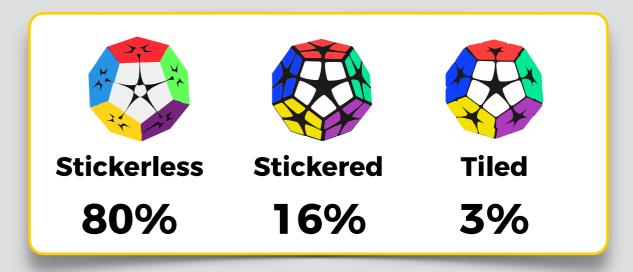


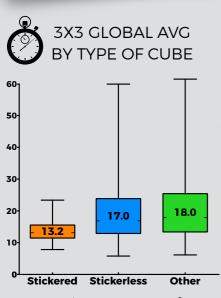
STICKERED CUBES ARE BECOMING A RARE BREED, WITH MORE AND MORE OF US PREFERRING STICKER LESS. PRIMARY INTERNALS HAVE EXPLODED INTO THE MARKET THIS YEAR





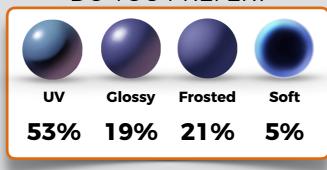
HOW DO YOU LIKE YOUR NON-WCA PUZZLES?





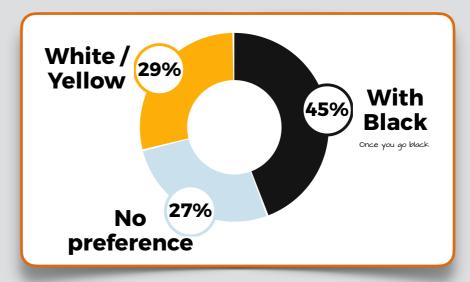
Stickered cubes are a bit of an old-school thing, and old-school cubers tend to be faster

WHAT TYPE OF FINISH DO YOU PREFER?

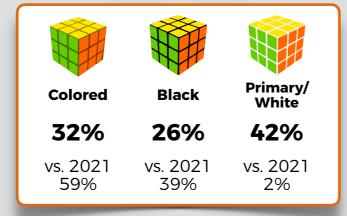


See, can you please stop with the frosted surfaces?

YOU PREFER YOUR FOR SQUAN...



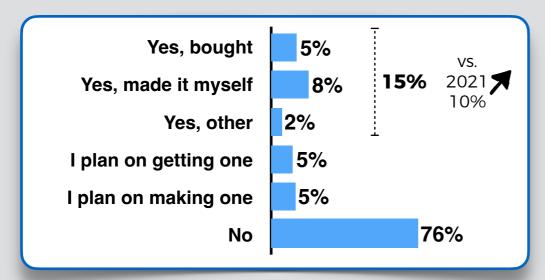
AND THE INTERNALS?

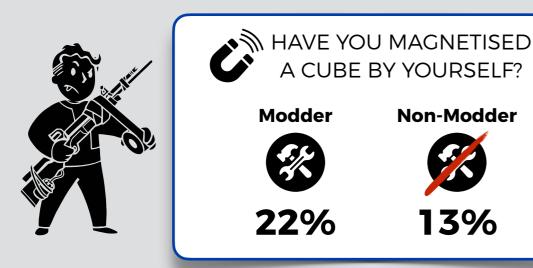




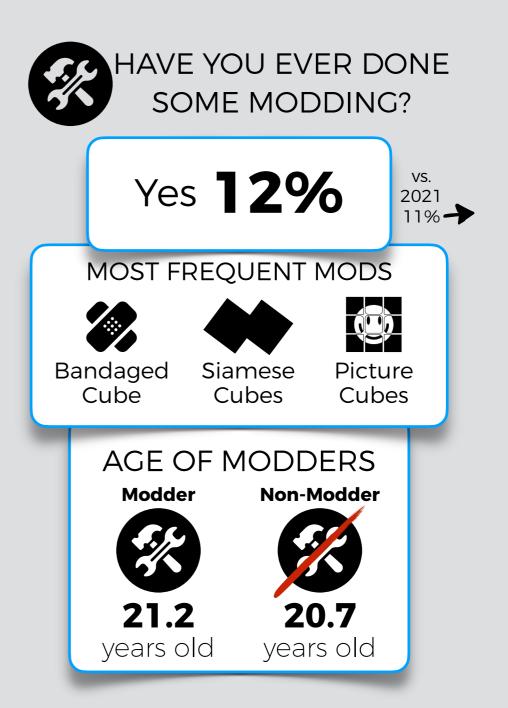
THE AMOUNT OF US WITH A 3D PRINTED CUBE HAS GONE UP BY 50% SINCE LAST YEAR. IT'S A QUIET REVOLUTION, BUT ONE TO KEEP AN EYE ON!







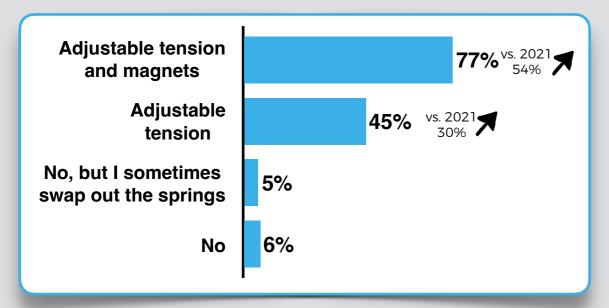
You start with a couple of magnets and glue, you end up sawing panes of metal in two to "make a big cube"

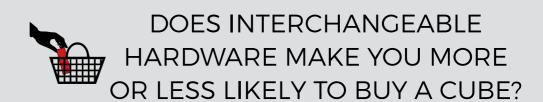


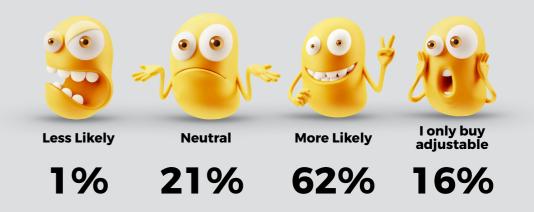


SPRING AND MAGNET ADJUSTMENTS HAVE BECOME THE NORM FOR ALMOST EVERYONE, EVEN IF MOST OF US ONLY PLAY A BIT AT THE BEGINNING AND LEAVE IT AT THAT



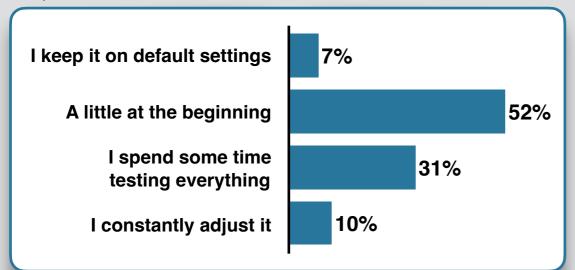


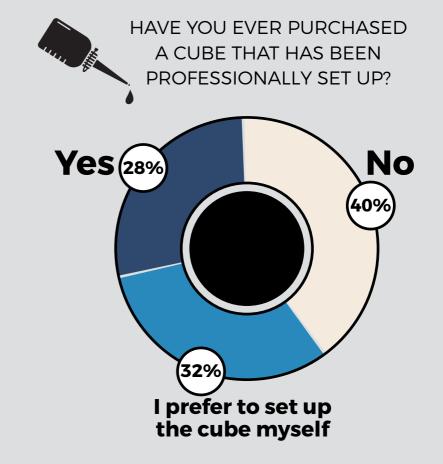






HOW MUCH DO YOU USUALLY TINKER WITH YOUR CUBE SETTINGS/ADJUSTMENTS?

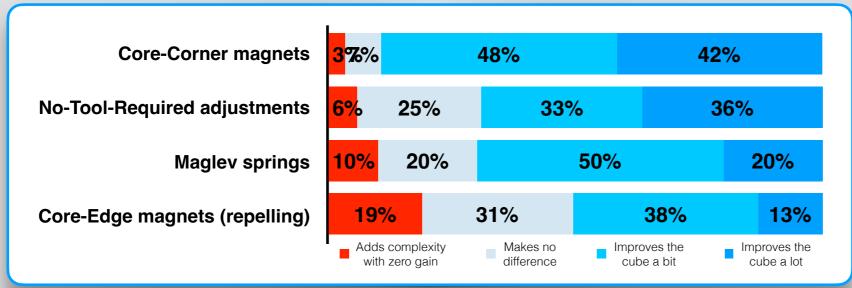




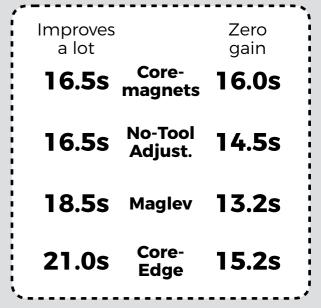


CORE-CORNER MAGNETS AND NO-TOOL ADJUSTMENTS ARE GENERALLY VERY LIKED. MAGLEV IS CONSIDERED AN OK DEVELOPMENT AND CORE-EDGE MAGNETS IS IN DEEP MEH TERRITORY





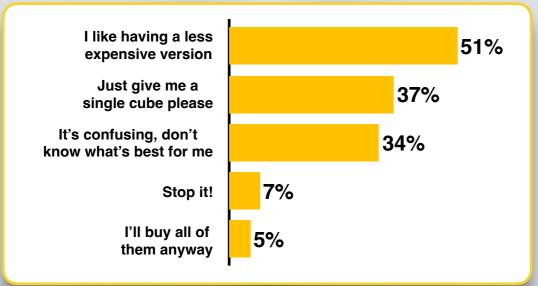




Faster cubers tend to have a more lukewarm opinion of the new changes. They also tend to have been cubing for longer, which usually brings a reticence to change.

Core-Corner magnets seem to be universally liked though

WHAT DO YOU THINK ABOUT HAVING 3 SLIGHTLY DIFFERENT VERSIONS OF THE SAME CUBE?

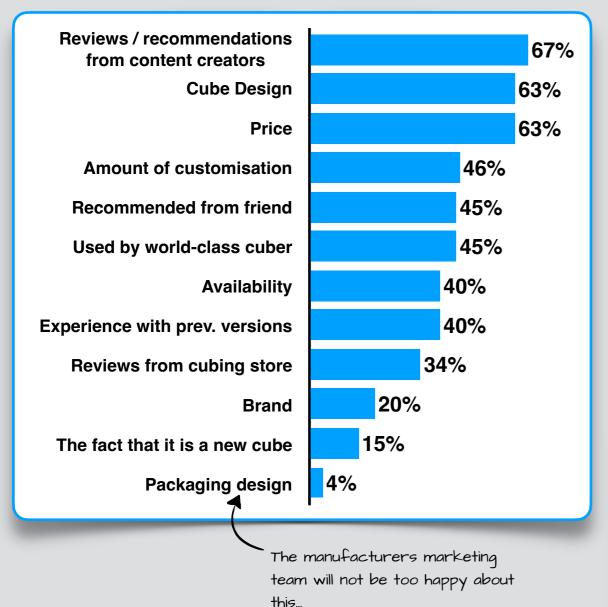


Having a lower-price "light" version is appreciated by many, but there is often a lack of clarity about what the differences are

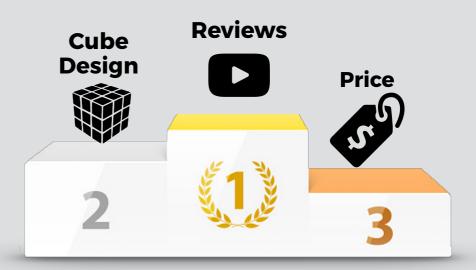


WHEN CHOOSING A NEW CUBE, THE OPINION OF THE COMMUNITY PLAYS A KEY ROLE, BUT SO DO THE LOOK OF THE CUBE AND ITS PRICE (HINT TO BRANDS: KEEP SENDING THOSE TEST VERSION TO YOUTUBERS!)

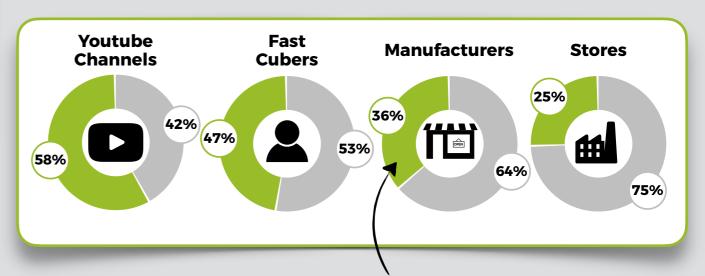
IMPORTANT FACTORS WHEN CHOOSING A NEW CUBE



KEY CRITERIA FOR CHOOSING A CUBE



DO YOU FOLLOW ANY CUBER / MANUFACTURER SOCIAL MEDIA ACCOUNT?



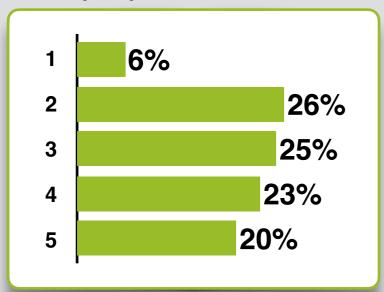


...but hopefully they'll be happier to hear that 1/3 of cubers actually look at what they say. (You're welcome)

MOST OF US TRY OUT DIFFERENT MANUFACTURERS; GAN OWNERS GIVE THE MOST IMPORTANCE TO BRAND, WHILE MOYU CUBERS ARE THE MOST BRAND-AGNOSTIC

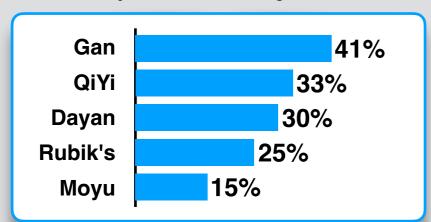
OF DIFFERENT CUBE BRANDS OWNED

3x3 only, only cubers who own 2+ cubes



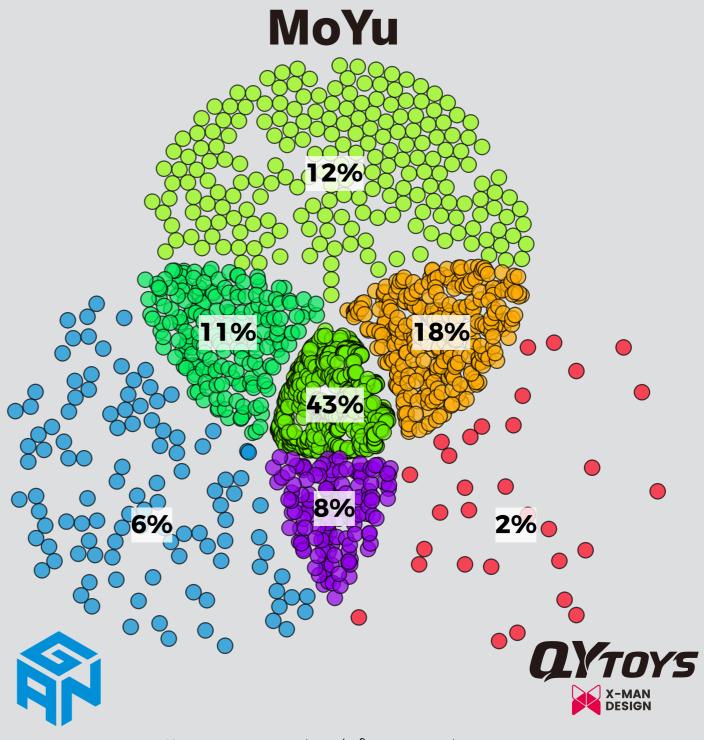
CUBERS WHO FIND BRAND IMPORTANT WHEN CHOOSING A NEW CUBE

% finding Brand Important or Very Important, only cubers who own a single brand



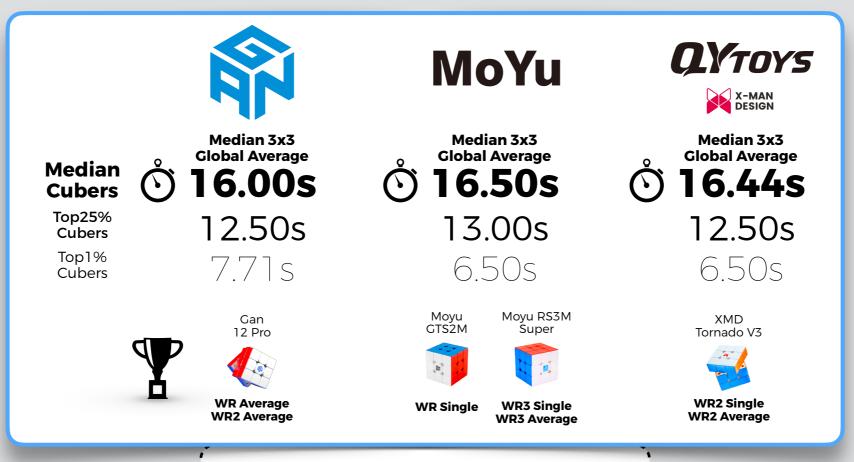
Ganboys give a bit more importance to the brand, than owners of other brands. Not surprising given the price point of most of its products. Moyu owners are more likely to be beginners, so they haven't built up brand preference yet

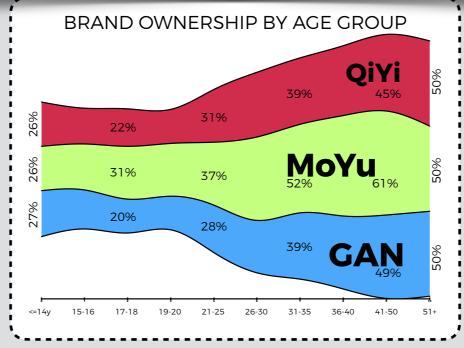
BRAND MIX FOR THE 3 MAJOR BRANDS 3x3 only, only cubers who own 2+ cubes



Note: only the 3 top brands for 3x3 have been presented here, more on what brands we buy later!

"IT'S NOT THE CUBE": YOU CAN GET WORLD RECORD RESULTS WITH PRETTY MUCH ANY BRAND, AND PEOPLE OF ALL AGES ARE USING ALL KINDS OF CUBES

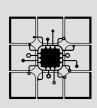




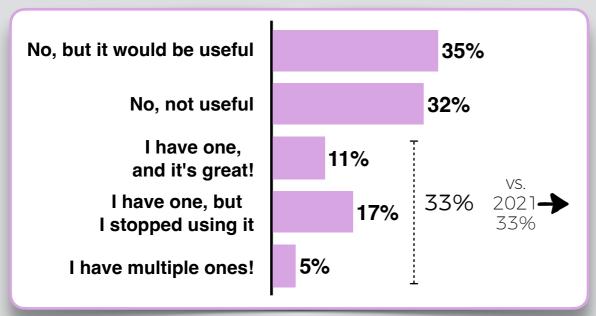
The older we get, the less cubes start to cost relative to purchasing power: we start owning several cubes of multiple brands



OWNERSHIP OF SMART CUBES HASN'T REALLY MOVED IN 1 YEAR, BUT THE INTEREST FOR SOLVES ANALYSIS AND STATISTICS IS GROWING QUITE A BIT!

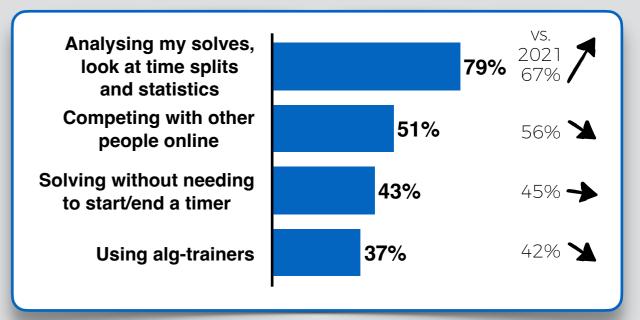


DO YOU OWN A SMART CUBE?





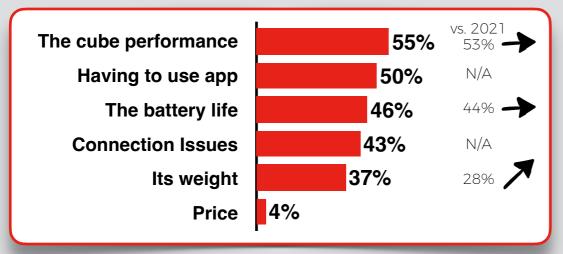
WHAT DO YOU THINK A SMART CUBE IS GOOD FOR?



Analysis of solves has increased by 12pp, this is pretty significant. In contrast interest for competition has gone down slightly



WHAT ARE THE DRAWBACKS OF SMART CUBES?



Concerns have mostly remained the same except for weight, where the trend towards lighter speed cubes exacerbates the difference from those of the smart kind



Dear Smart cube software developers, please put more effort in your analytics!

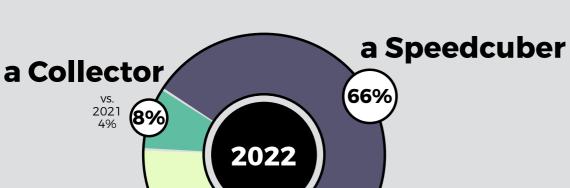


Chapter 7:



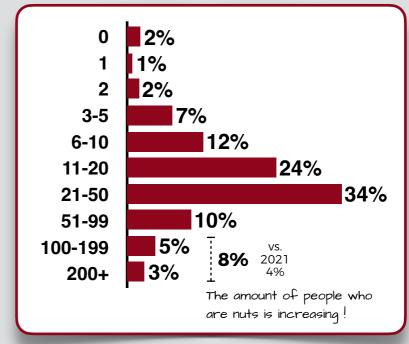
ON AVERAGE WE HAVE THE SAME AMOUNT OF PUZZLES AS LAST YEAR. ALSO, WE DEMONSTRATE ONCE AGAIN THAT HAVING MORE PUZZLES MAKES US FASTER*







HOW MANY TWISTY PUZZLES DO YOU OWN?



MEDIAN AMOUNT OF PUZZLES OWNED

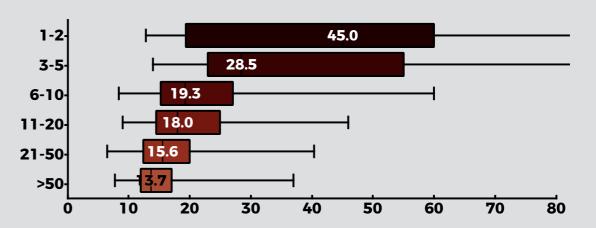
2021 2022
20 20
puzzles puzzles

Both(26%)

2021

Note to wife: See? We haven't gotten any more cubes this year!

GLOBAL 3X3 AVERAGE BY SIZE OF COLLECTION



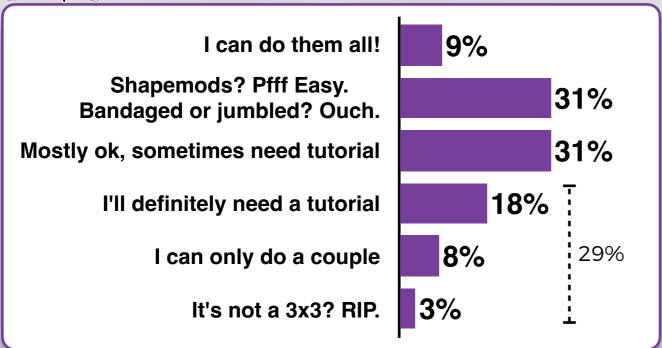
*Note: obviously this just shows that those of us who have been cubing the longest, tend to have the most puzzles and also tend to be faster on average



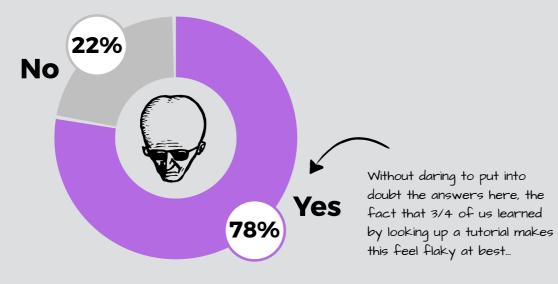
MOST OF US CAN WORK OUR WAY AROUND NEW PUZZLES, AND EVEN WHEN WE TEND TO LOOK UP SOLUTIONS, WE'VE STILL HAD SUCCESS MORE THAN HALF OF THE TIME!



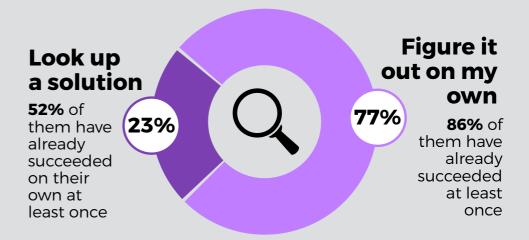
HOW CONFIDENT ARE YOU THAT YOU COULD SOLVE ANY RANDOM TWISTY PUZZLE?



HAVE YOU EVER SOLVED A PUZZLE COMPLETELY ON YOUR OWN WITHOUT ANY HELP OR TUTORIALS?

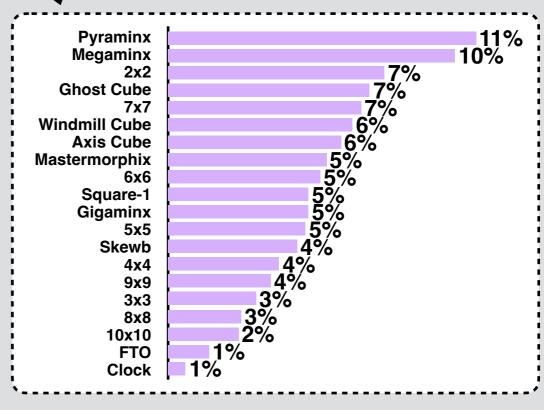


IN GENERAL, WHEN FACED WITH A NEW PUZZLE, WHICH DO YOU DO FIRST?





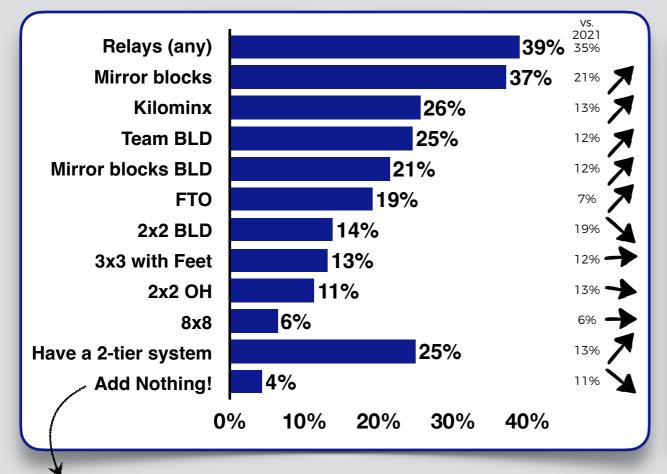
WHAT IS THE MOST DIFFICULT PUZZLE YOU'VE SOLVED BY YOURSELF, IF ANY?





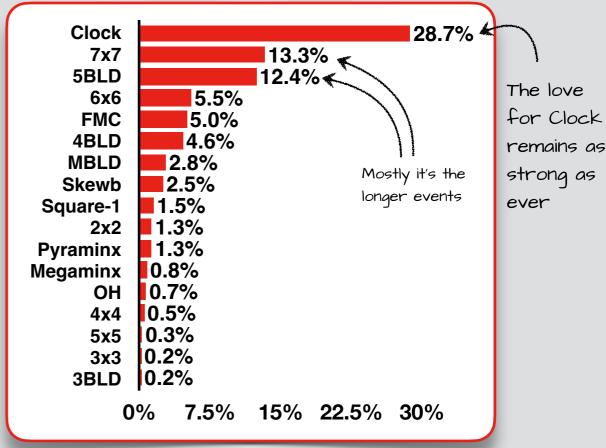
RELAYS REMAIN THE TOP CHOICE FOR A NEW WCA EVENT, BUT MIRROR BLOCKS IS FOLLOWING CLOSELY; KEEP A LOOK ON FTO, AS IT'S CLIMBING THE LADDER VERY FAST







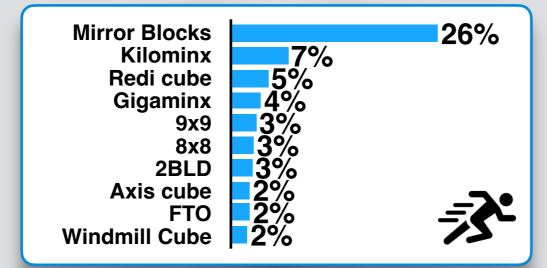
WHICH EVENTS DO YOU FEEL SHOULD NOT BE WCA EVENTS?

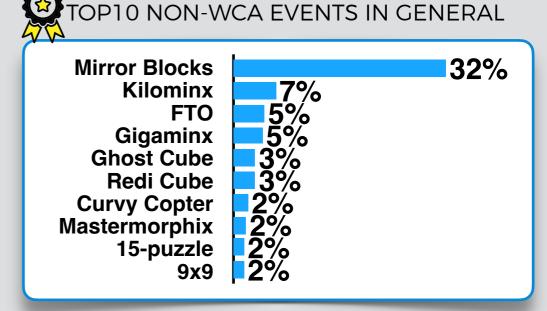


Among people who regularly go to WCA comps
"Add nothing!"

9.40

TOP10 NON-WCA EVENTS FOR SPEED SOLVING

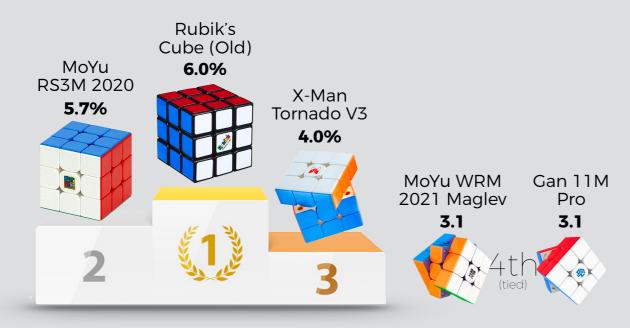






THE SINGLE MOST OWNED CUBE REMAINS THE ORIGINAL RUBIK'S, BUT THE RS3M IS CATCHING UP, AND THE TORNADO V3 HAS EXPLODED IN SUCH A SHORT TIME

THE MOST OWNED SINGLE 3X3 MODEL



3X3 GLOBAL AVERAGE BY MODEL OWNED

A word of caution: having the cube doesn't mean that we're still maining it!



BATTLE OF THE WORMS

WRM	WRM	WRM	WRM 21
19	20	21	Purpley
12.5s	13.7s	13.9s	16.1s



BATTLE OF THE GANS

Gan XS Gan 11M Pro Gan 12M Pro Gan 13M Pro 12.3s 13.5s 14.5s 14.8s

17.5s **₄**



BATTLE OF THE QIYIS

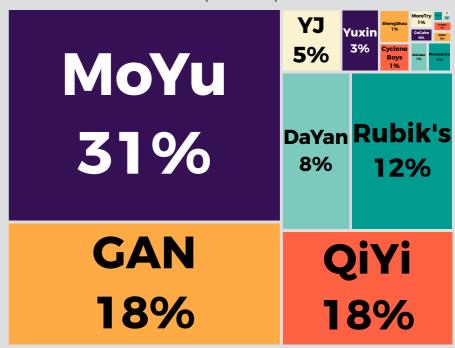
X-Man X-Man Valk 3 Tornado V2 Elite Tornado V3 12.8s 12.5s 15.0s 16.5s

What this shows is mostly that people who started a while back when the older cubes were available, are faster on average than the people who started recently

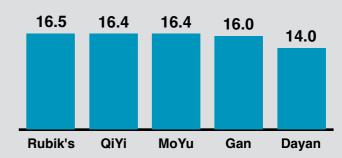
WE COLLECTIVELY NOTED DOWN OUR COLLECTION OF



THE MOST OWNED BRANDS (3X3 ONLY)



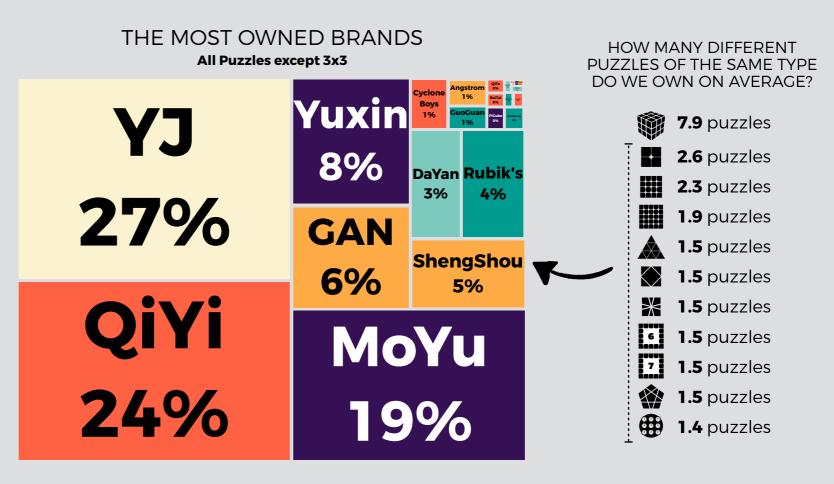
3X3 GLOBAL AVERAGE BY BRAND OWNED





YJ IS THE FAVORITE BRAND OVERALL FOR NON-3X3 PUZZLES, WITH THE MGC REPLACING THE X-MAN FROM LAST YEAR AS THE FIRST CHOICE FOR MORE THAN HALF OF ALL EVENTS

BEST CUBE SERIES OF 2022 12022 Most owned puzzle for 6 out of 10 events 202 X-MAN YJ MGC Most owned puzzle for Most owned puzzle for 6 out of 10 1 out of 10 events events























2x2

1st YJ MGC

2nd YJ MGC Elite

3rd

QiYi MS



Pyra

Skewb

Bell

X-Man

Gan M OiYi MS Gan M

MoYu RS M

X-Man Wingy

Squan

Yuxin Little Magic X-Man Volt

Clock

YJ MGC

QiYi

ShengShou

4x4

YJ MGC Rubik's

Moyu MFJS Meilona

5x5

YJ MGC QiYi Valk 5

MoYu Aochuang

6x6

YJ MGC

MoYu AoShi WRM X-Man

7x7

Mega YJ MGC YJ YuHu V2M

YJ YuFu V2M MoYu AoFu

DaYan (v1 or v2)

X-Man Galaxy V2



Interesting how YJ is dominating the non-3x3 world, but doesn't even make Top5 for 3x3. Engineering cubes is not trivial, so maybe spreading the effort across many events means that it's difficult to shine in the "main" one.

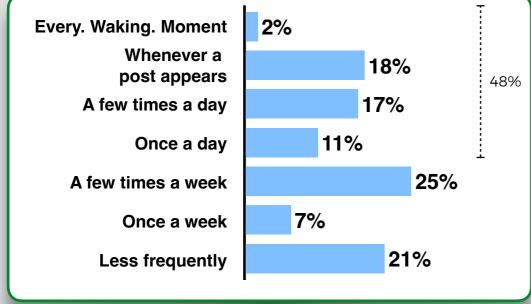
When in doubt, get the MGC...

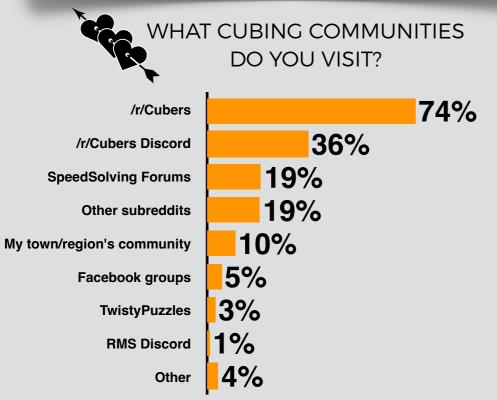
Chapter 8:



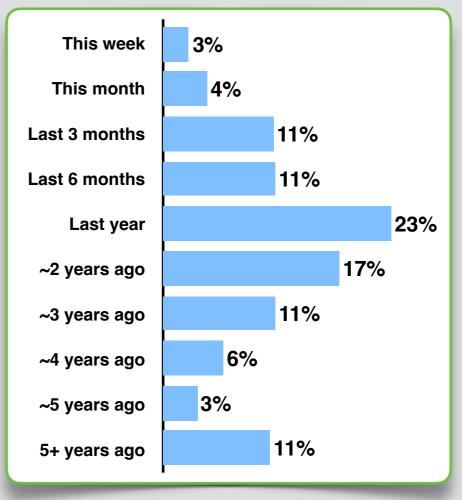
HALF OF US COME EVERY DAY, AND WE'VE BEEN AT IT FOR QUITE A WHILE







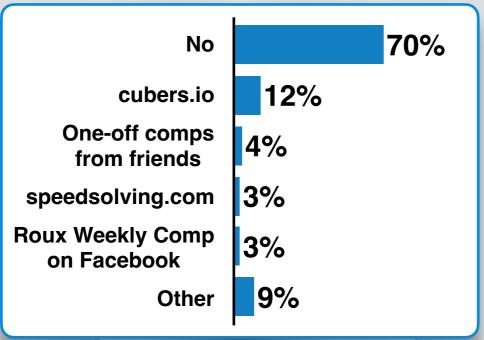
WHEN DID YOU FIRST DISCOVER OUR ONLINE COMMUNITY?

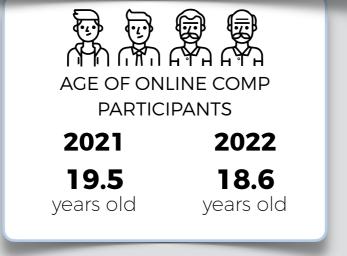




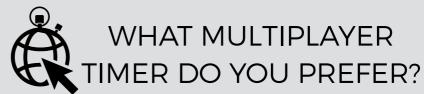
ONLINE COMPS ARE GAINING IN POPULARITY AND PARTICIPANTS ARE GETTING YOUNGER

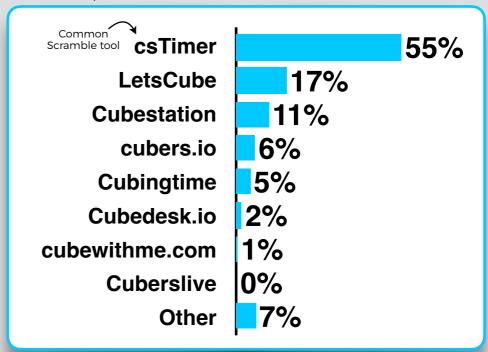




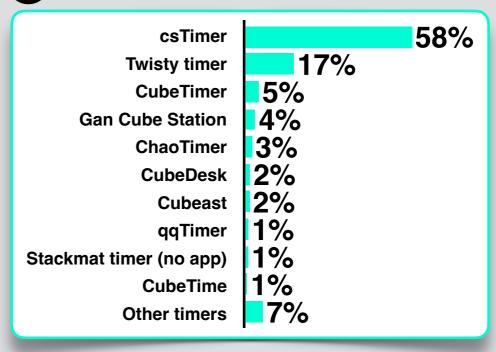


Don't participate to online comps2021 202284% 70%



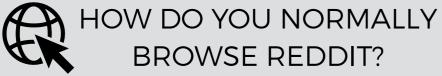


(SINCE WE'RE HERE, WHAT CUBE TIMER DO YOU USE FOR YOUR NORMAL SOLVES?)





CONTRARY TO WHAT PEOPLE THINK, THE "NEW GENERATION" IS NOT ON MOBILE, IT PEAKED WITH MILLENNIALS, AND THE NEW GENERATIONS ARE GOING BACK TO OLDER DEVICES

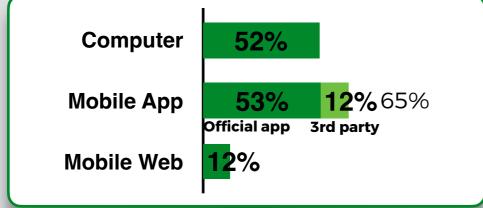




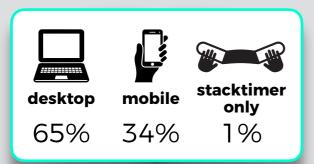
52%

75% vs. 2021 : -7pts

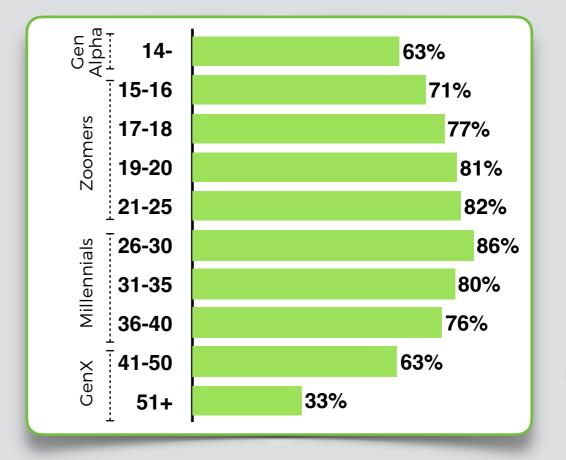




NAME YOUR SOLVES?





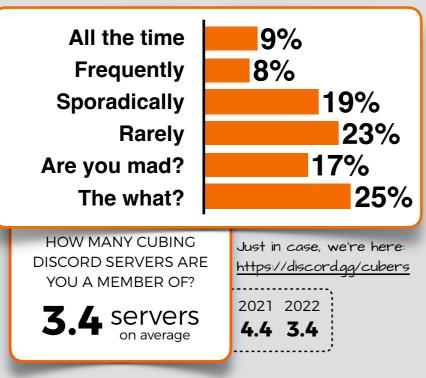


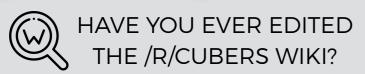


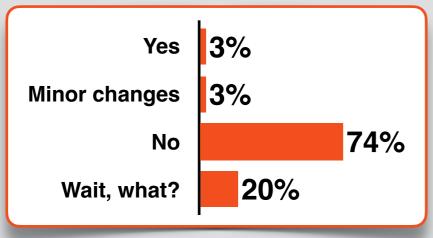


MANY TOPICS HAVE GAINED INTEREST IN THE PAST YEAR: RECORDS AND RECONS, ADVICES AND GUIDES, ANALYSIS AND THEORY. ALSO, MEMES...



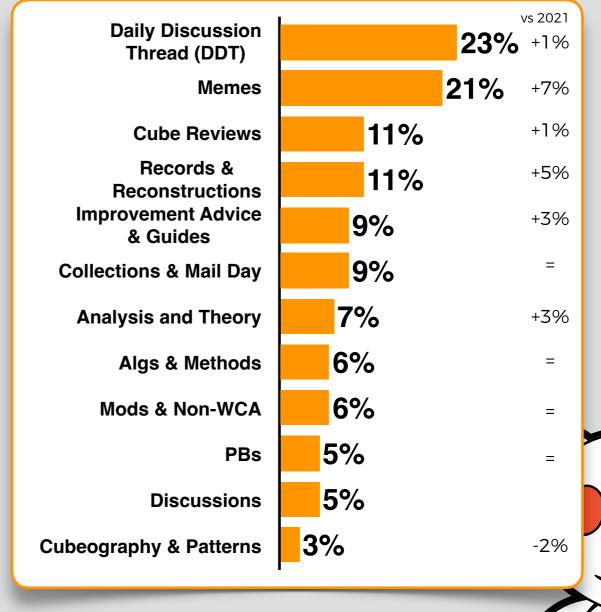






Just in case, it's here: https://www.reddit.com/r/Cubers/wiki/index/





Memes

2021 2022

14% 21%

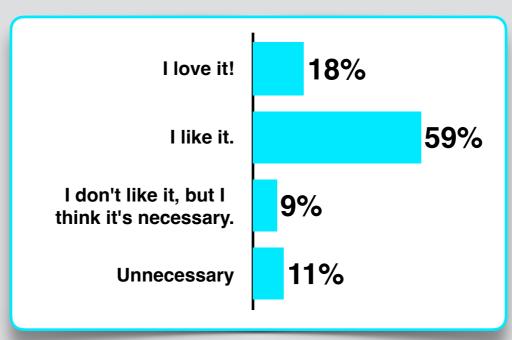


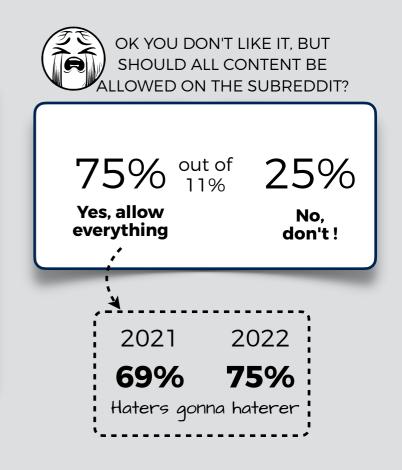


MOST OF US LIKE THE DDT, EVEN THOUGH WE'RE NOT ALL AWARE THAT IT HAS SOME VERY NICE FEATURES!



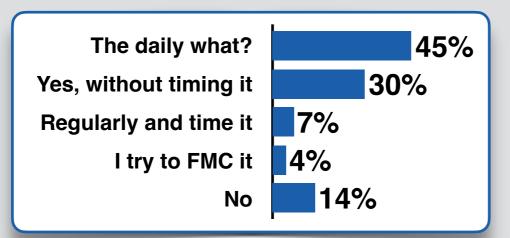
WHAT DO YOU THINK OF THE DAILY DISCUSSION THREAD?







DO YOU LOOK AT THE DDT DAILY SCRAMBLE?



% who have no idea what the DDT Daily Scramble is

2021 2022

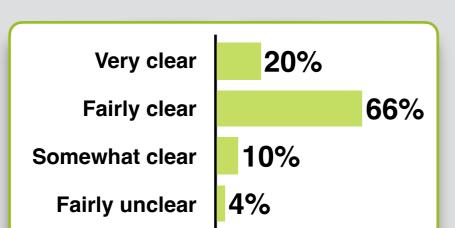
55% 45% *****

Slowly but steadily, more people are scrolling down to the bottom of the DDT



THE CURRENT REDDIT RULES ARE MOSTLY CLEAR TO EVERYONE, AND MODS SEEM TO BE, BY AND LARGE, DOING THEIR JOB! AND AS FAR AS THE CHANGES WERE NOTICED, THEY ARE CONSIDERED POSITIVELY

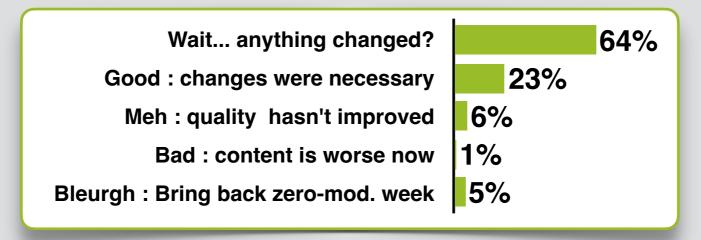






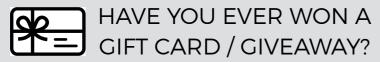


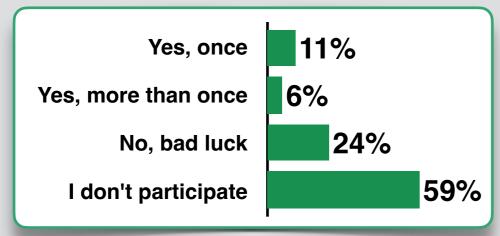
WHAT DO YOU THINK ABOUT THE RECENT CHANGE TO THE SUBREDDIT MODERATION APPROACH?





CONTRARY TO EXPECTATIONS, ACTUALLY PLAYING MEANS THAT SOMETIMES YOU WIN!

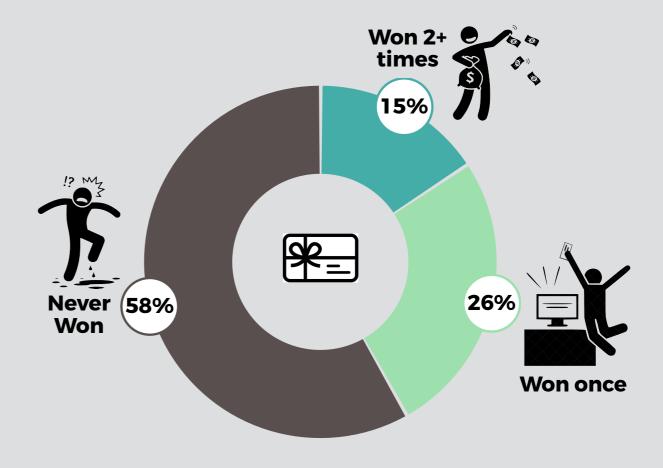






We've seriously gotten this far in this document without any images of a cat?

AND AMONG PEOPLE WHO PARTICIPATE...







WHAT HAVE WE LEARNED HERE?

There's a lot of diversity

- While many of us skew younger, the range of ages of people interested in cubing and speed-cubing is very broad and wide
- The younger among us learn faster, but the fastest among us are not all young
- Some events are liked more by our youngest, others are more for the more mature, but we find something to fill our time and passion nonetheless

We're optimists

• Our most sought after time target is Sub10, even though only 5% of us have actually achieved it, and 80% of us are stuck above 13

We are much more social than normies might think

 Cubing has allowed us to know people, make friends and discuss, both online and offline (even if some of our discussion remain a bit obscure for the people around us)

We love to try out things and learn

- Most of us practice several events, and have dabbled in many others
- We learn many methods and algsets, even if in the end most of us opt for the same tried and true solutions (CFOP and 2LLL)

We can be satisfied with two colors

 Dual color neutrality seems to present some key advantages to full neutrality, and those of us who stick to dual learn faster and become faster on average



CONGRATULATIONS FOR MAKING IT THIS FAR!

This was a very long survey (have I mentioned how awesome you are if you were one of the heroes who filled it in?) leading to an even longer document. I hope you were sane enough to consume it in manageable doses. If you have questions, comments or just want to have a chat, find me on the r/Cubers subreddit or the Discord.

Be nice to the ones around you, Sasilio