

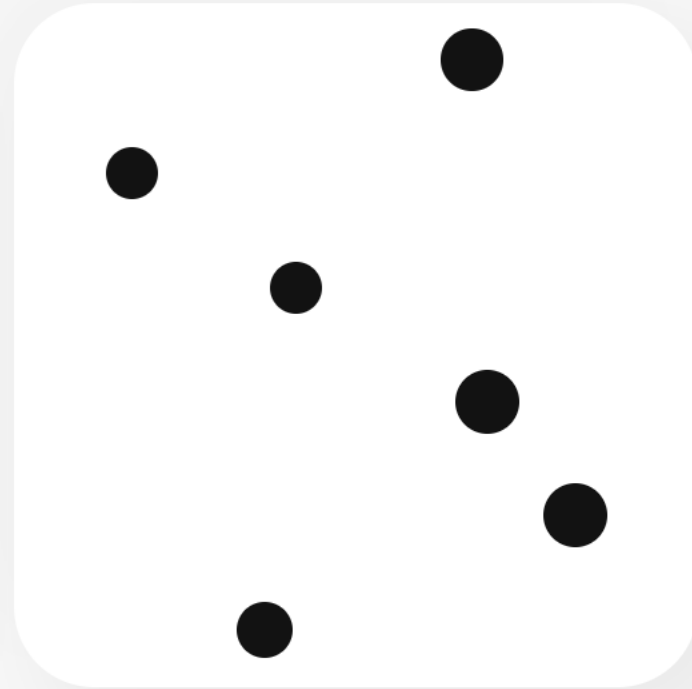
TNB

103 students

- 5 years old: $N = 16$
- 6 years old: $N = 40$
- 7 years old: $N = 19$
- 8 years old: $N = 28$

Python, Pandas, Pyplot

Dots Comparison



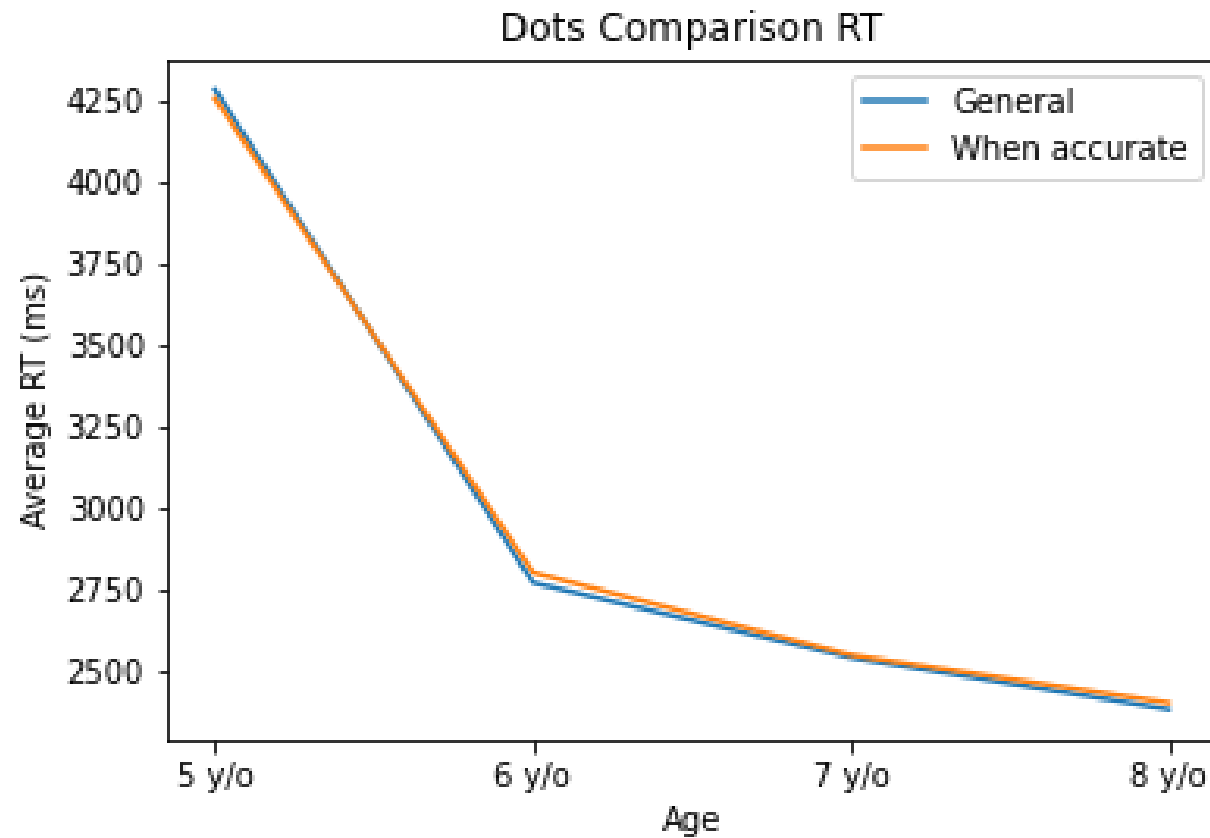
Dots Comparison

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,92	0,96	0,97	0,97
N*	160	390	190	270
RT M	4286,54	2769,85	2539,81	2381,33
RT S	6967,78	3020,91	2133,38	2082,19
N when accurate*	147	373	184	263
RT when accurate M	4259,16	2801,53	2547,46	2400,92
RT when accurate SD	7191,76	3072,04	2156,43	2100,58

* Notice this is #samples, not #users

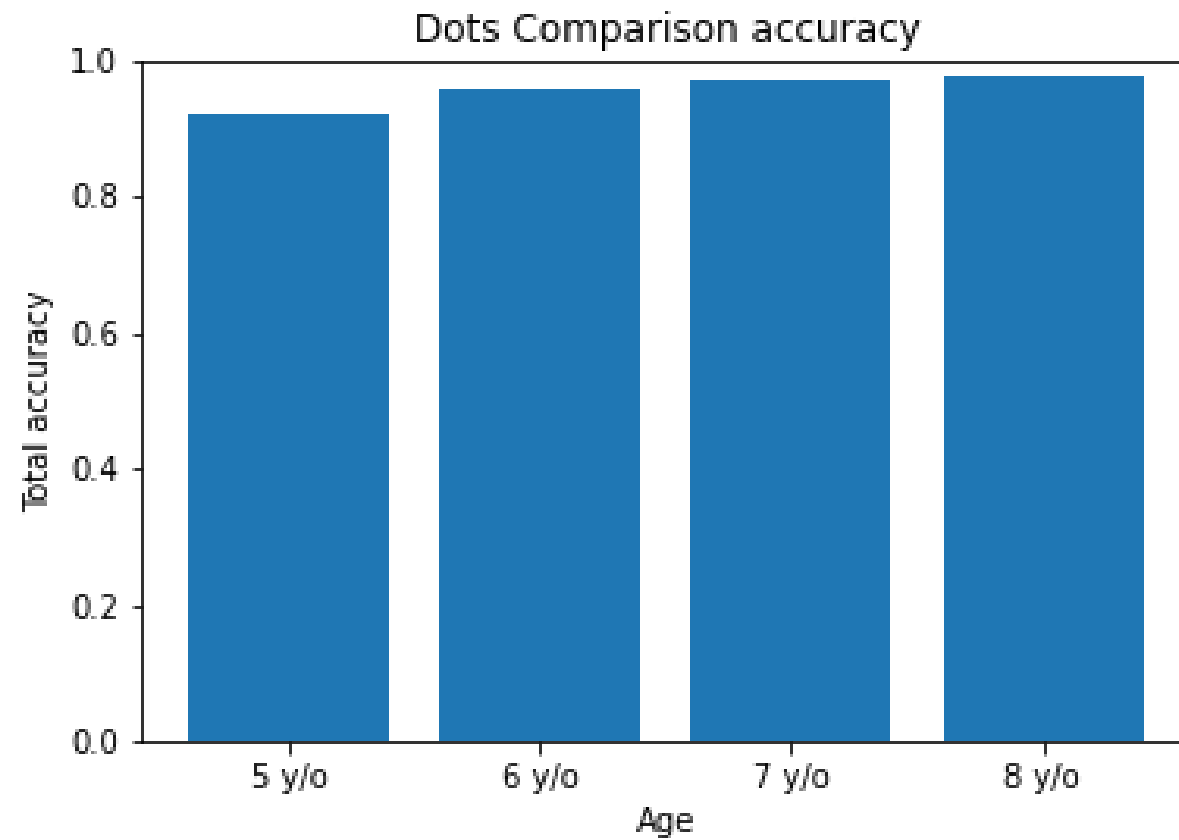
Dots Comparison

Response Time



Dots Comparison

Accuracy



Dots Comparison

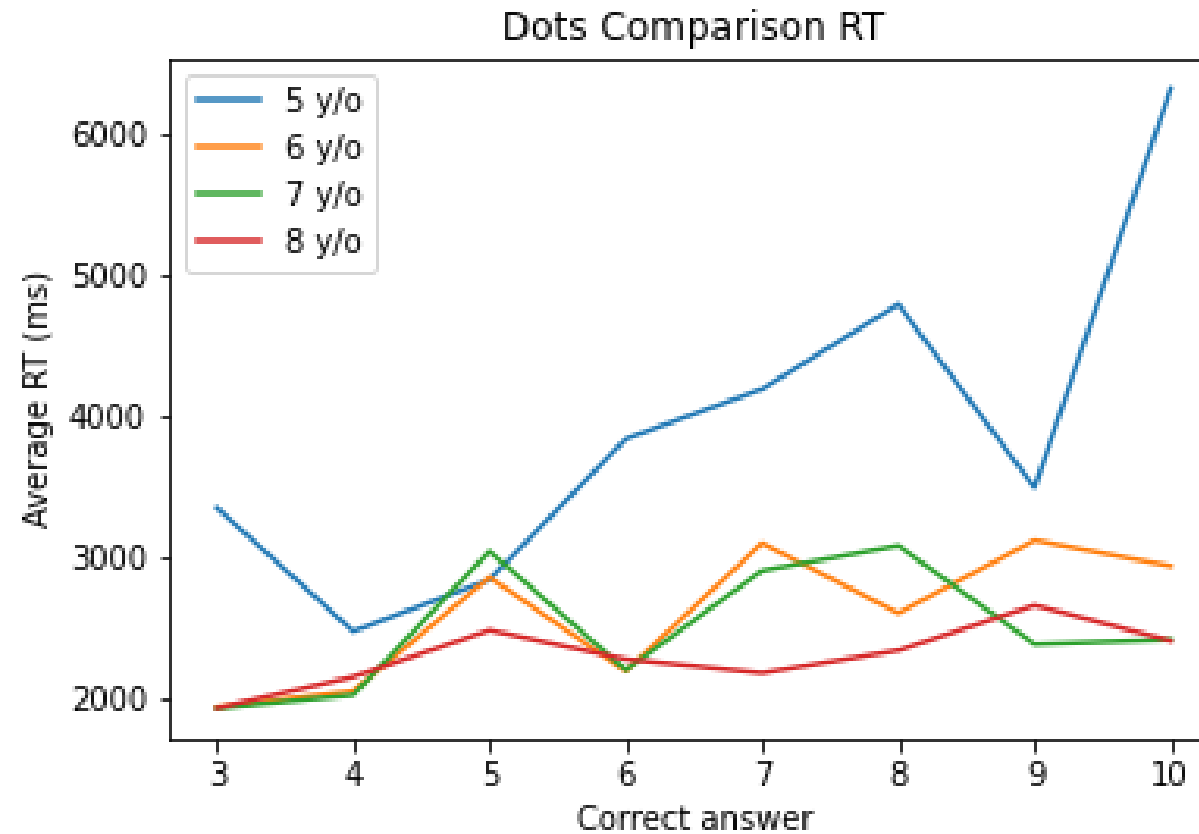
Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	6	3349,5	1435,39	15	1939,2	1041,86	5	1930	427,44	9	1931,67	516,42
4	4	2474,25	364,51	25	2051,08	1122,63	16	2023	1451,92	11	2151,36	926,75
5	15	2839,6	1541,51	37	2857,65	2843,65	11	3042,18	2352,32	26	2482,27	2100,44
6	16	3837,75	2435,12	38	2192	1731,43	21	2199,62	1584,64	39	2276,38	1572,94
7	29	4190,28	4525,02	67	3098,87	3008,37	28	2903,5	2156,95	34	2178,71	1345,55
8	24	4791	3806,49	60	2603,18	2765,71	26	3081,54	2830,57	37	2338,78	2138,01
9	36	3492,03	3279,89	68	3119,25	3664,53	33	2383,39	1887,28	54	2658,2	2464,34
10	30	6321,3	14247,14	80	2936,55	3646,97	50	2416,4	2173,2	60	2407,3	2517,17
General	160	4286,54	6967,78	390	2769,85	3020,91	190	2539,81	2133,38	270	2381,33	2082,19

* Ratio would be better

Dots Comparison

Response Time by correct answer



Dots Comparison

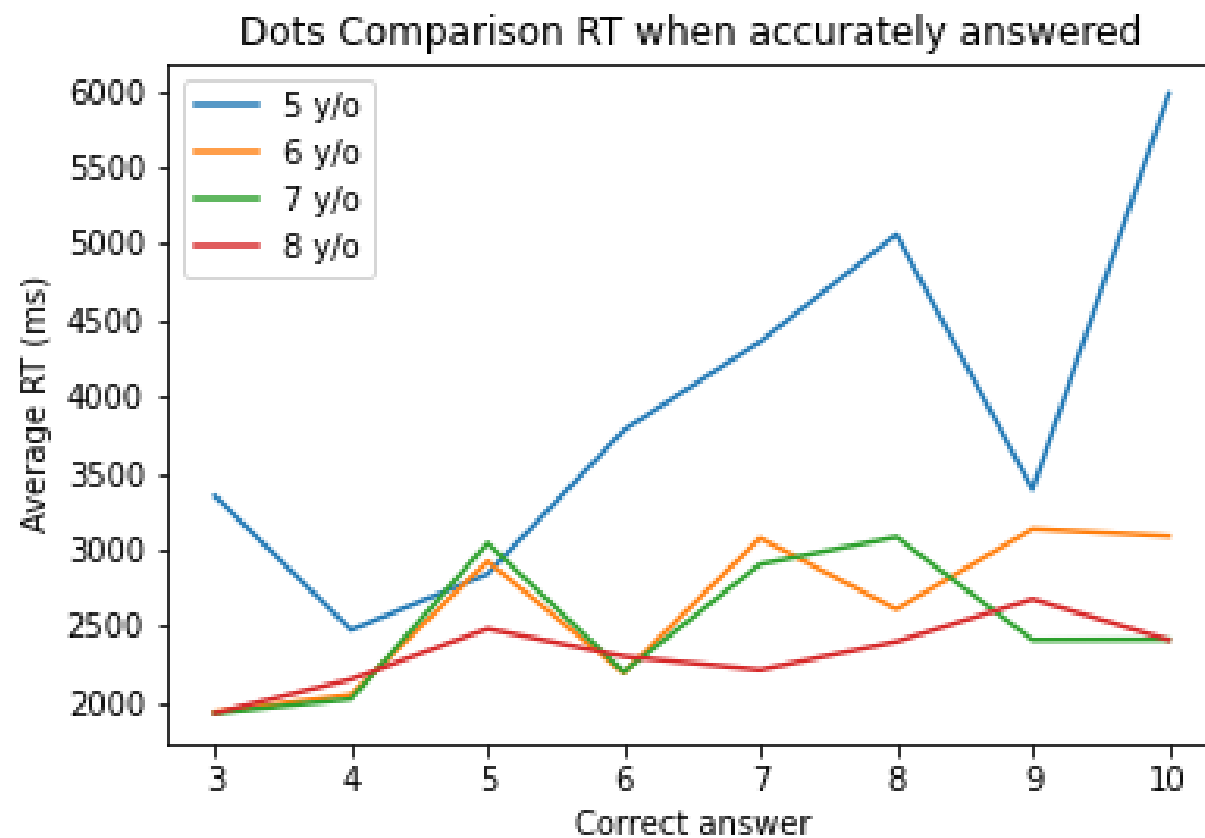
Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	6	3349,5	1435,39	15	1939,2	1041,86	5	1930	427,44	9	1931,67	516,42
4	4	2474,25	364,51	25	2051,08	1122,63	16	2023	1451,92	11	2151,36	926,75
5	15	2839,6	1541,51	36	2923,36	2855,03	11	3042,18	2352,32	26	2482,27	2100,44
6	14	3779,5	2591,14	37	2193,22	1754,66	21	2199,62	1584,64	38	2300,71	1586,25
7	26	4357,77	4748,85	65	3073,94	3031,2	28	2903,5	2156,95	33	2213,15	1350,94
8	22	5058,18	3866,35	56	2609,09	2842,86	26	3081,54	2830,57	36	2397,81	2137,56
9	32	3391,66	3386,72	67	3134,67	3689,58	30	2409,2	1969,23	53	2674,89	2484,46
10	28	5981,43	14645,42	72	3087,21	3806,91	47	2412	2205,08	57	2408,81	2575,43
General	147	4259,16	7191,76	373	2801,53	3072,04	184	2547,46	2156,43	263	2400,92	2100,58

* Ratio would be better

Dots Comparison

Response Time when accurately answered



Dots Comparison

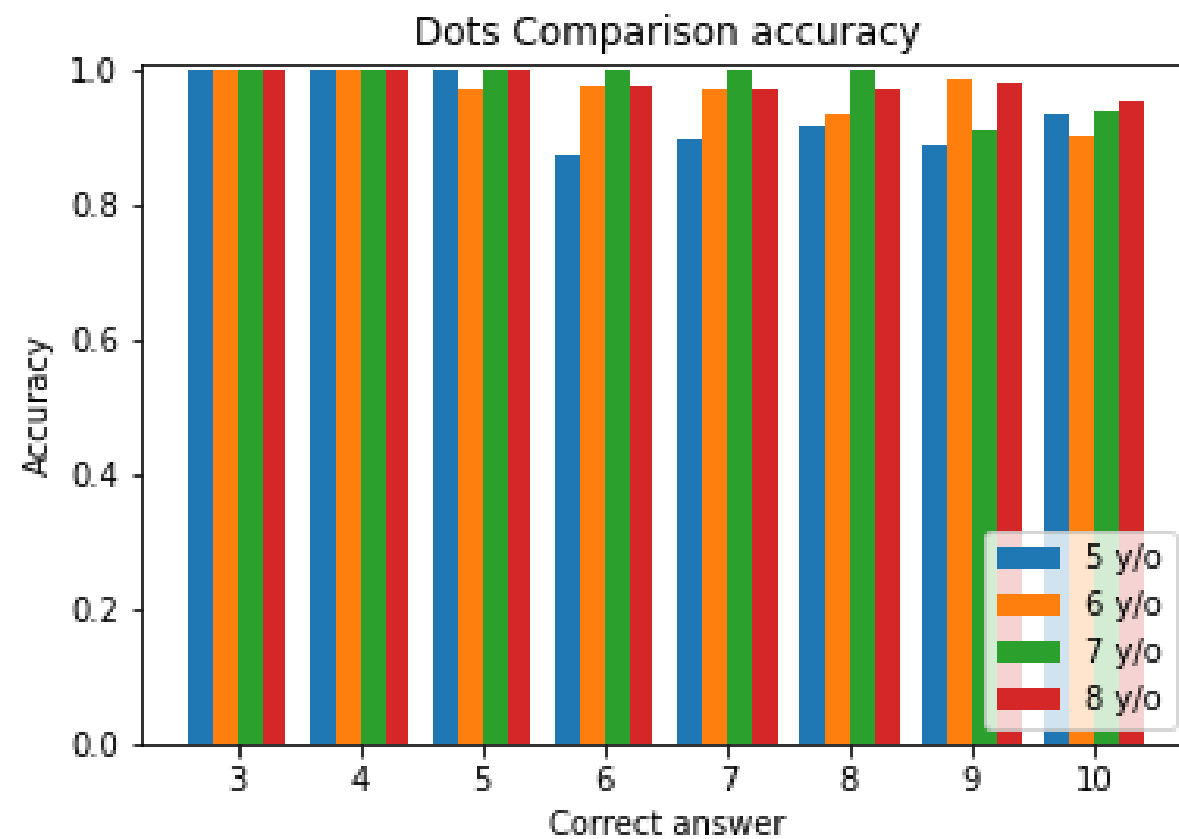
Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
3	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1
5	1	0,97	1	1	1	0,97	1	1
6	0,88	0,97	1	0,97	0,88	0,97	1	0,97
7	0,9	0,97	1	0,97	0,9	0,97	1	0,97
8	0,92	0,93	1	0,97	0,92	0,93	1	0,97
9	0,89	0,99	0,91	0,98	0,89	0,99	0,91	0,98
10	0,93	0,9	0,94	0,95	0,93	0,9	0,94	0,95
General	0,92	0,96	0,97	0,97	0,92	0,96	0,97	0,97

* Ratio would be better

Dots Comparison

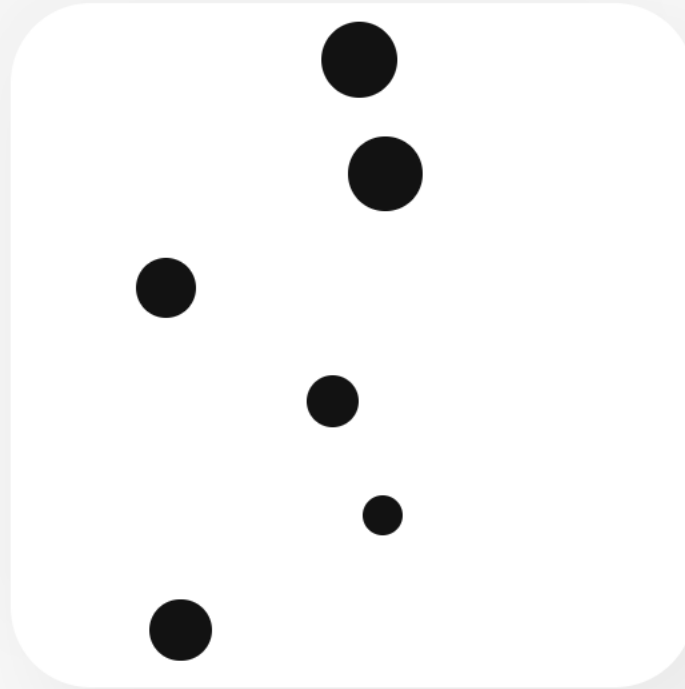
Accuracy



Match Sample



Match Sample



Match Sample

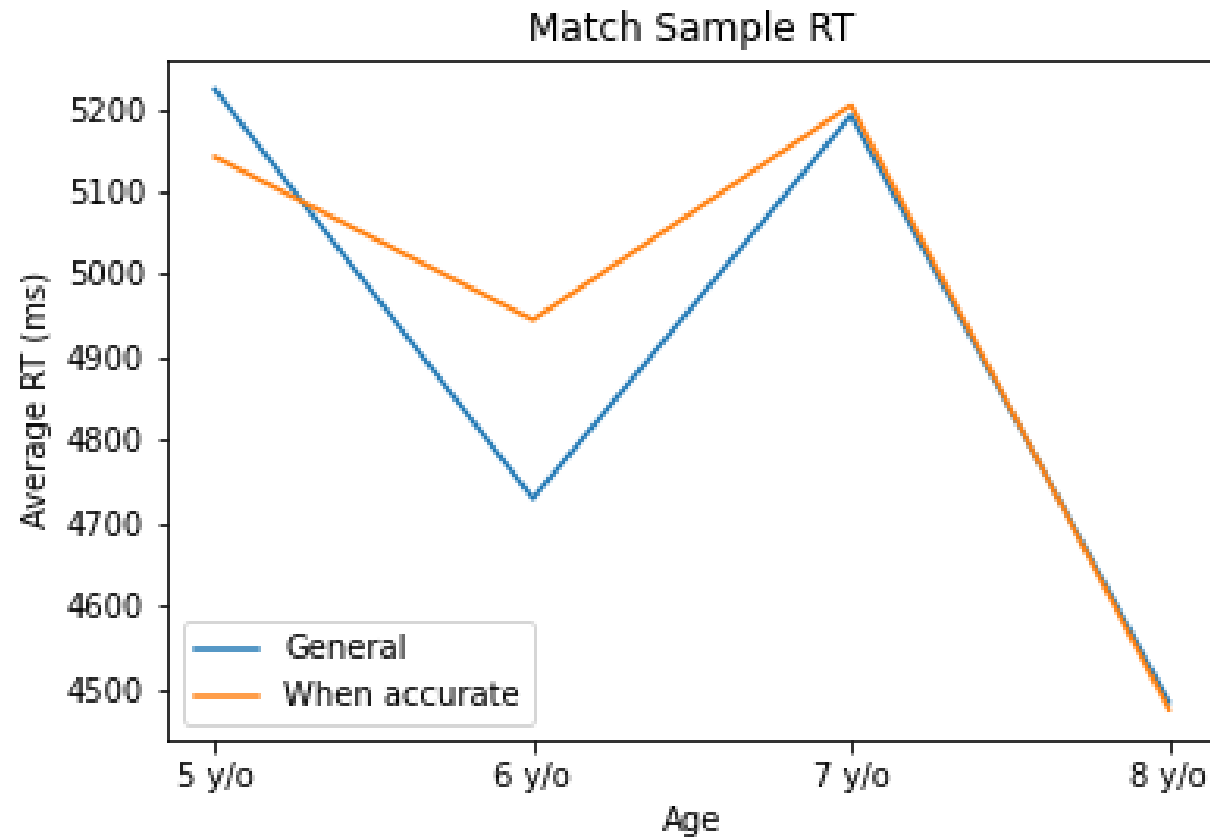
	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,63	0,66	0,7	0,79
N*	144	360	171	252
RT M	5223,26	4729,71	5191,6	4484,16
RT S	3525,6	2906,08	2574,67	2245,71
N when accurate*	91	238	120	200
RT when accurate M	5141,85	4945,18	5204,18	4475,56
RT when accurate SD	3933,32	2817,81	2627,77	1936,55

* Notice this is #samples, not #users

Could not separate by correct answer

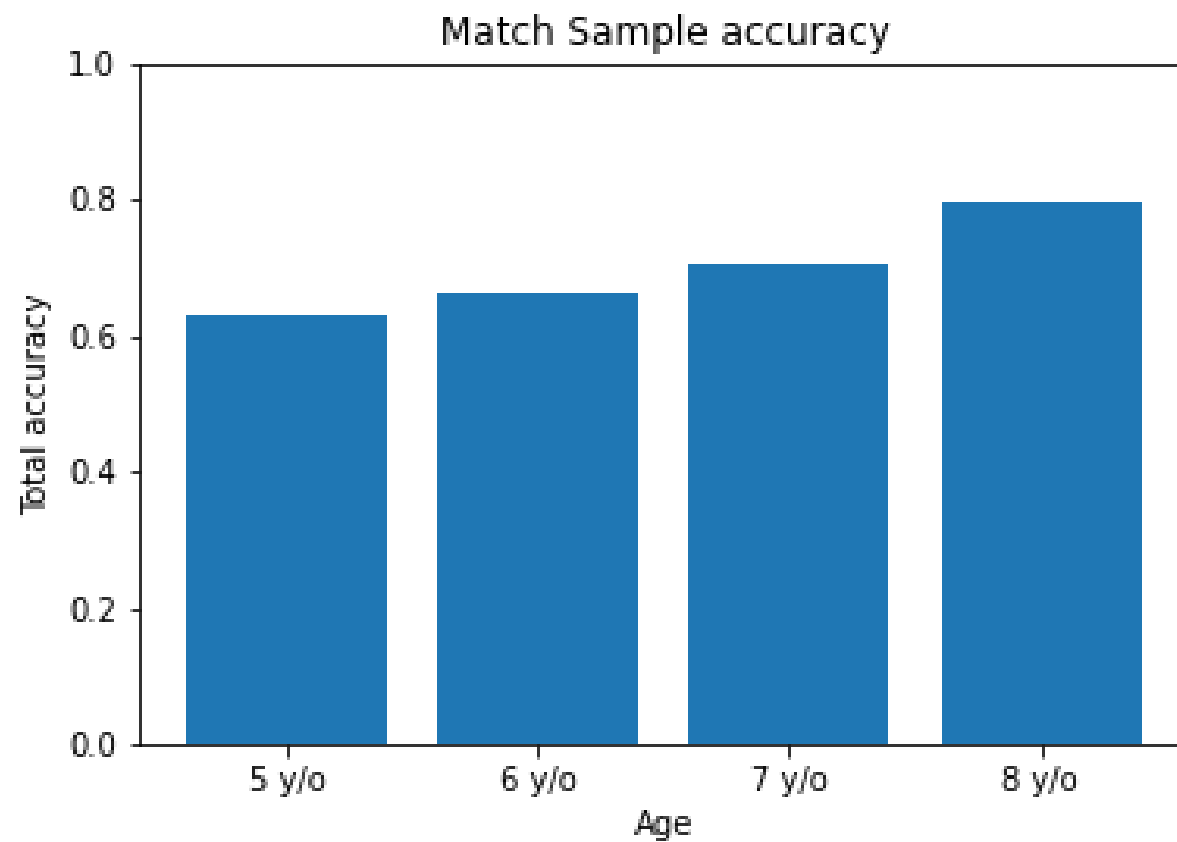
Match Sample

Response Time

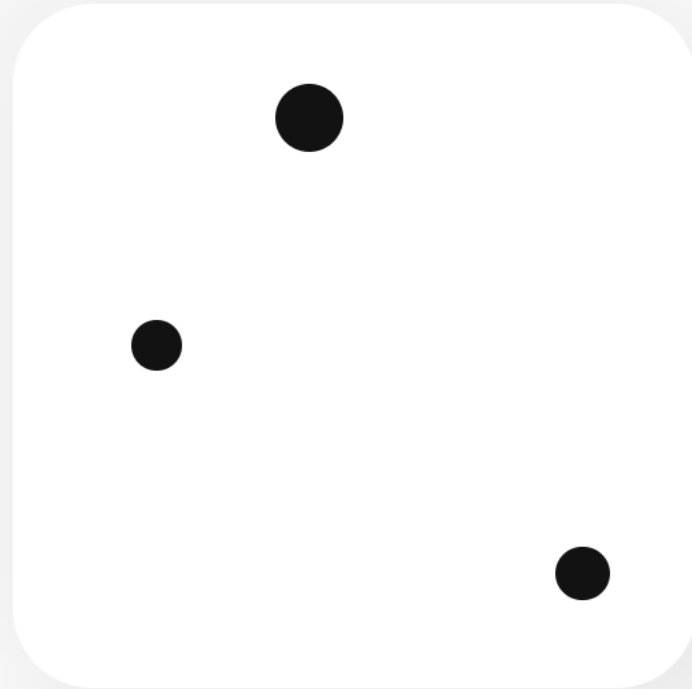


Match Sample

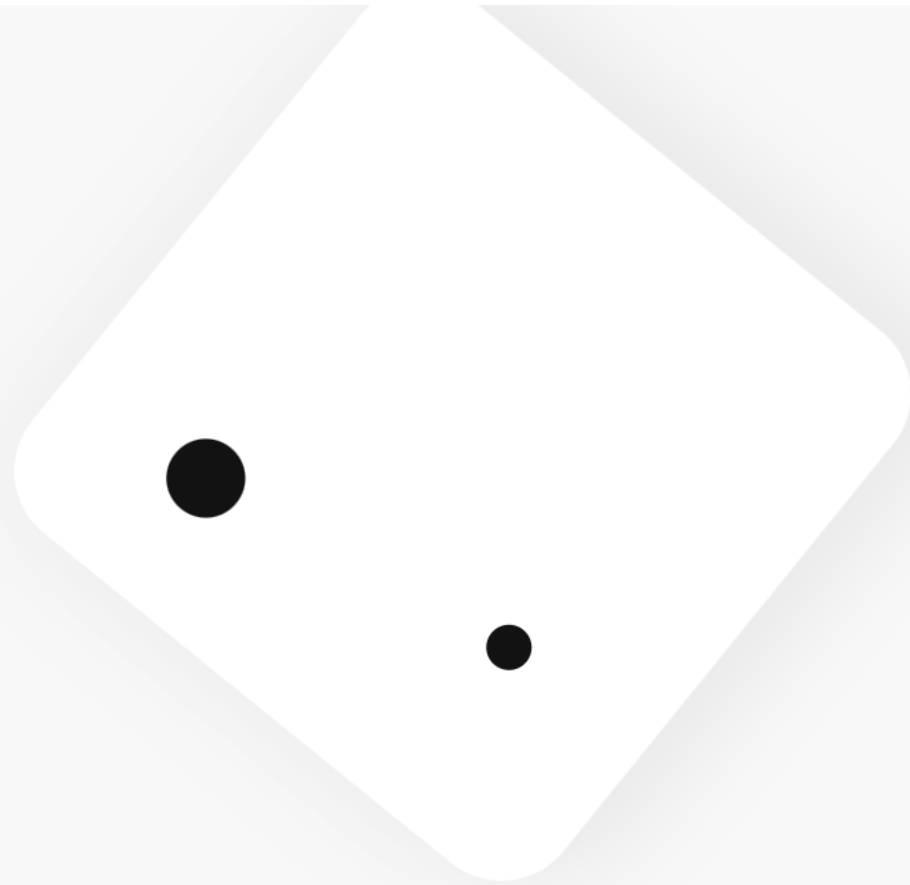
Accuracy



Match Sample Rotate



Match Sample Rotate



Match Sample Rotate

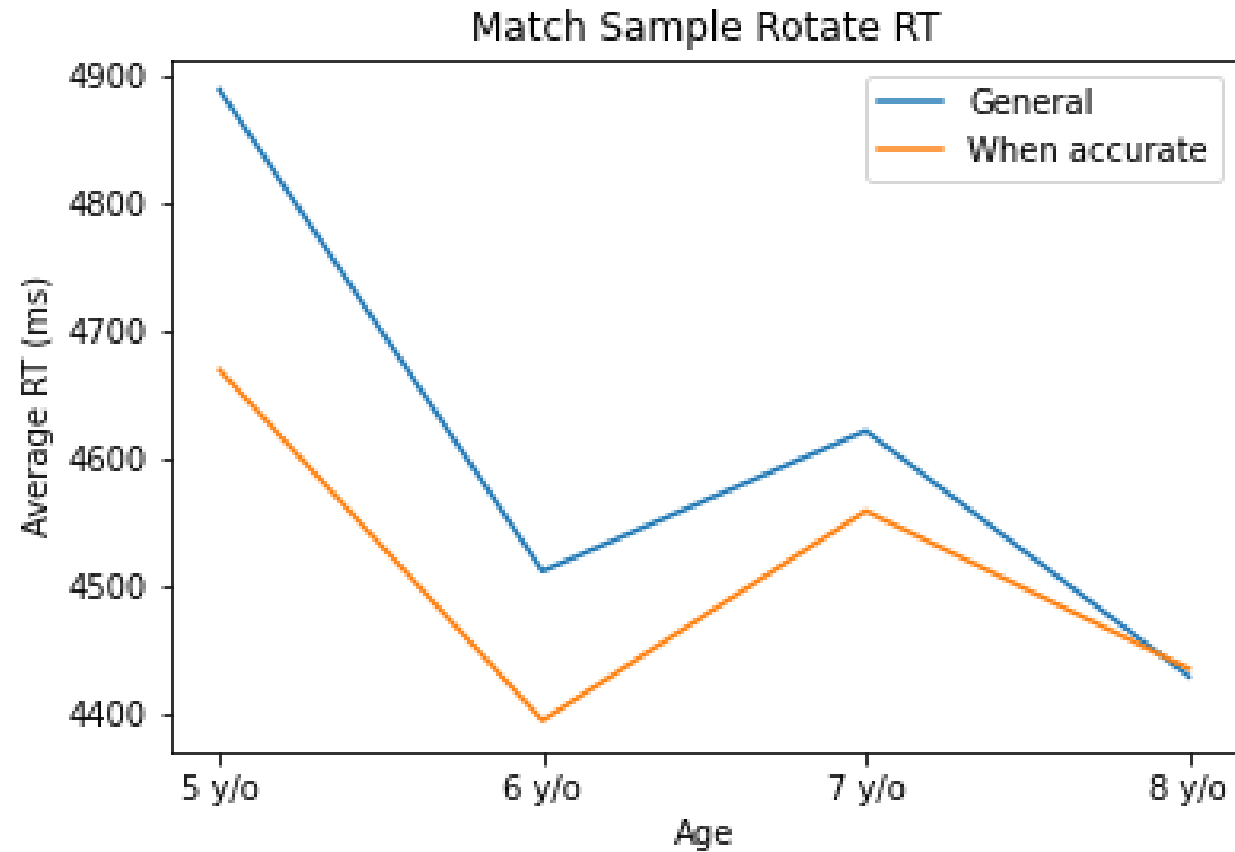
	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,62	0,71	0,74	0,87
N*	144	360	171	252
RT M	4888,19	4512,24	4621,92	4430,1
RT S	2877,78	2190,36	1962,44	1637,48
N when accurate*	90	256	127	218
RT when accurate M	4669,48	4395,57	4559,38	4436,1
RT when accurate SD	2817,66	2016,09	1993,51	1663,68

* Notice this is #samples, not #users

Could not separate by correct answer

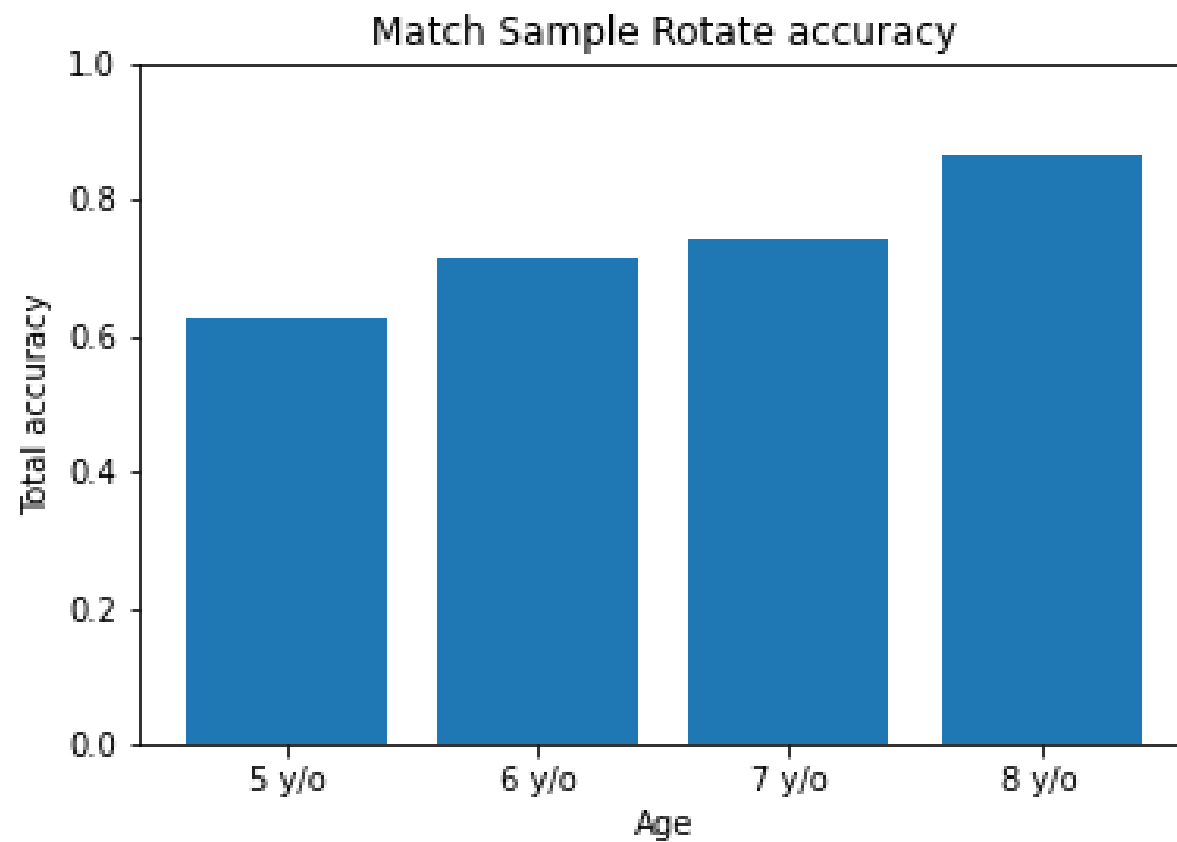
Match Sample Rotate

Response Time



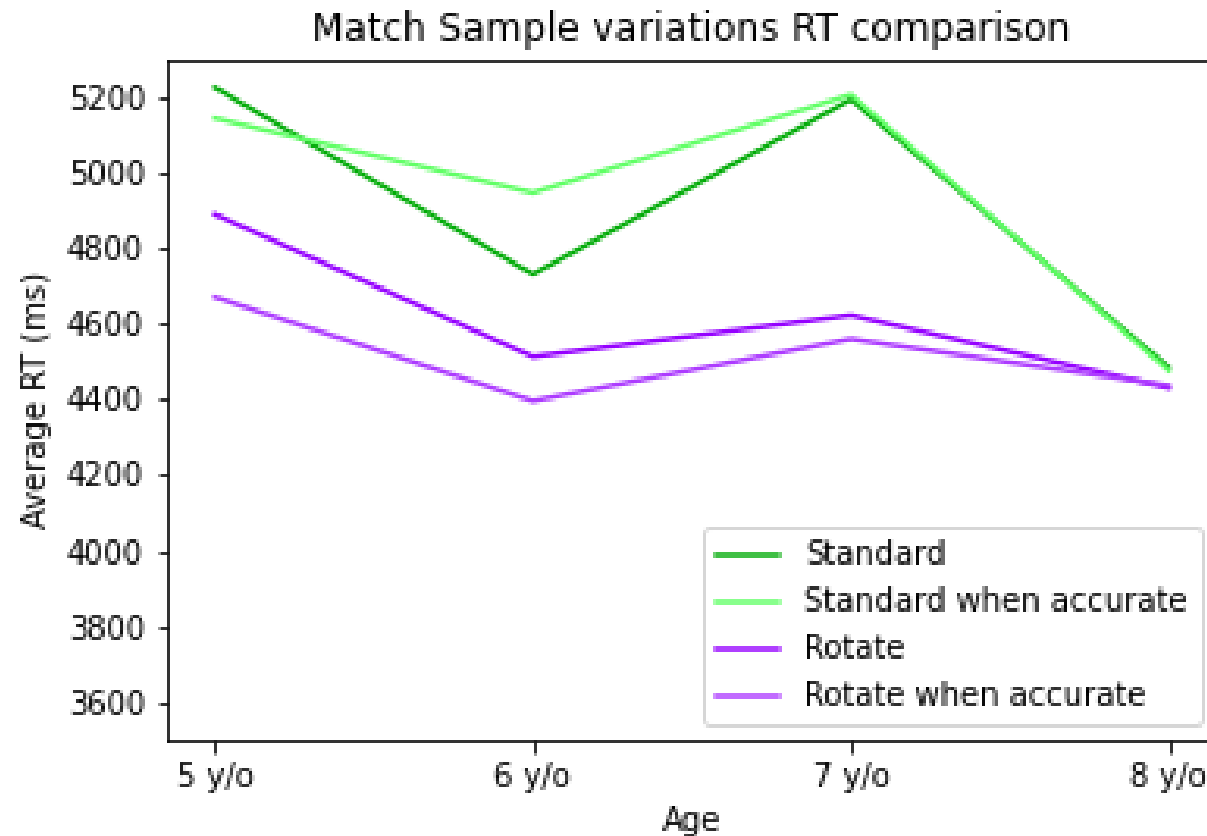
Match Sample Rotate

Accuracy



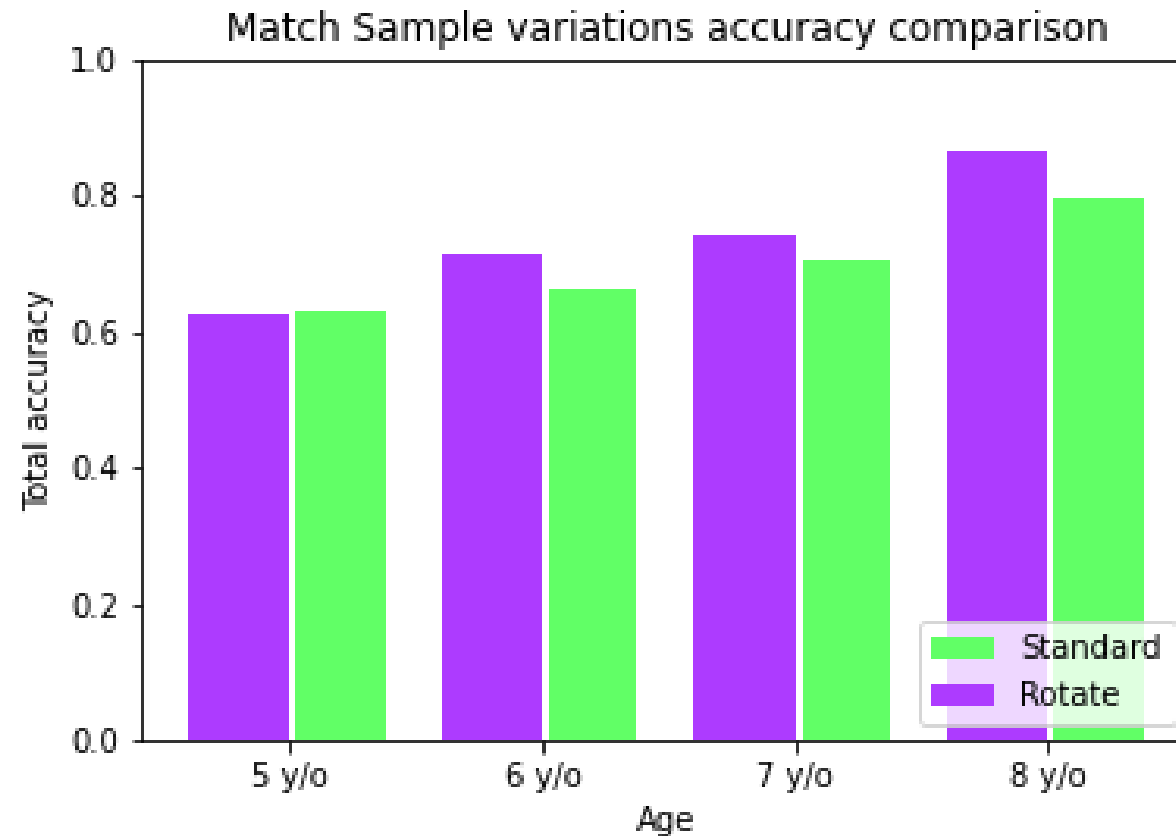
Match Sample variations comparison

Response Time



Match Sample variations comparison

Accuracy



Match Points Number



Match Points Number

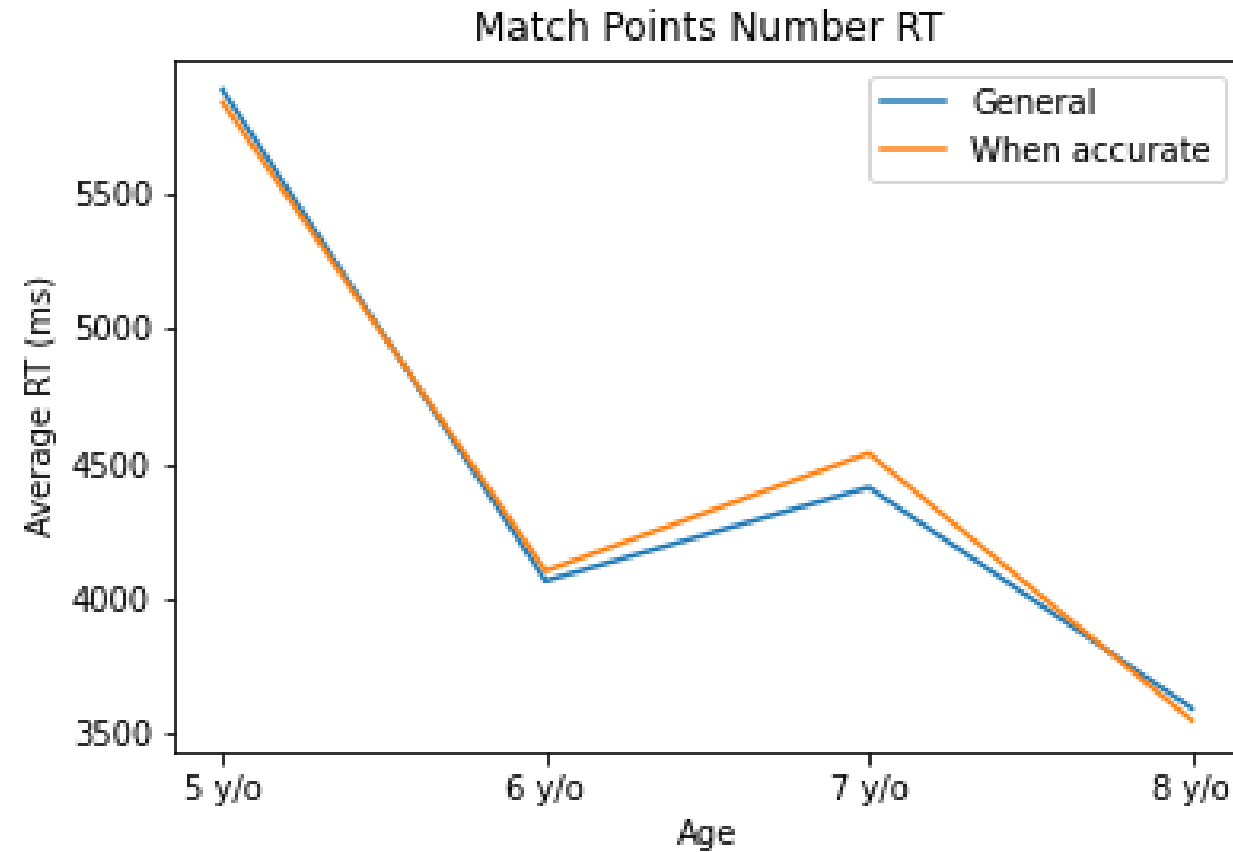
	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,93	0,92	0,94	0,94
N*	150	400	190	240
RT M	5881,21	4067,36	4412,73	3596,18
RT S	3352,75	2379,09	2888,26	2302,18
N when accurate*	139	366	178	225
RT when accurate M	5835,47	4104,29	4539,08	3551,32
RT when accurate SD	3266,33	2371,32	2900,59	2282,92

* Notice this is #samples, not #users

Could not separate by correct answer

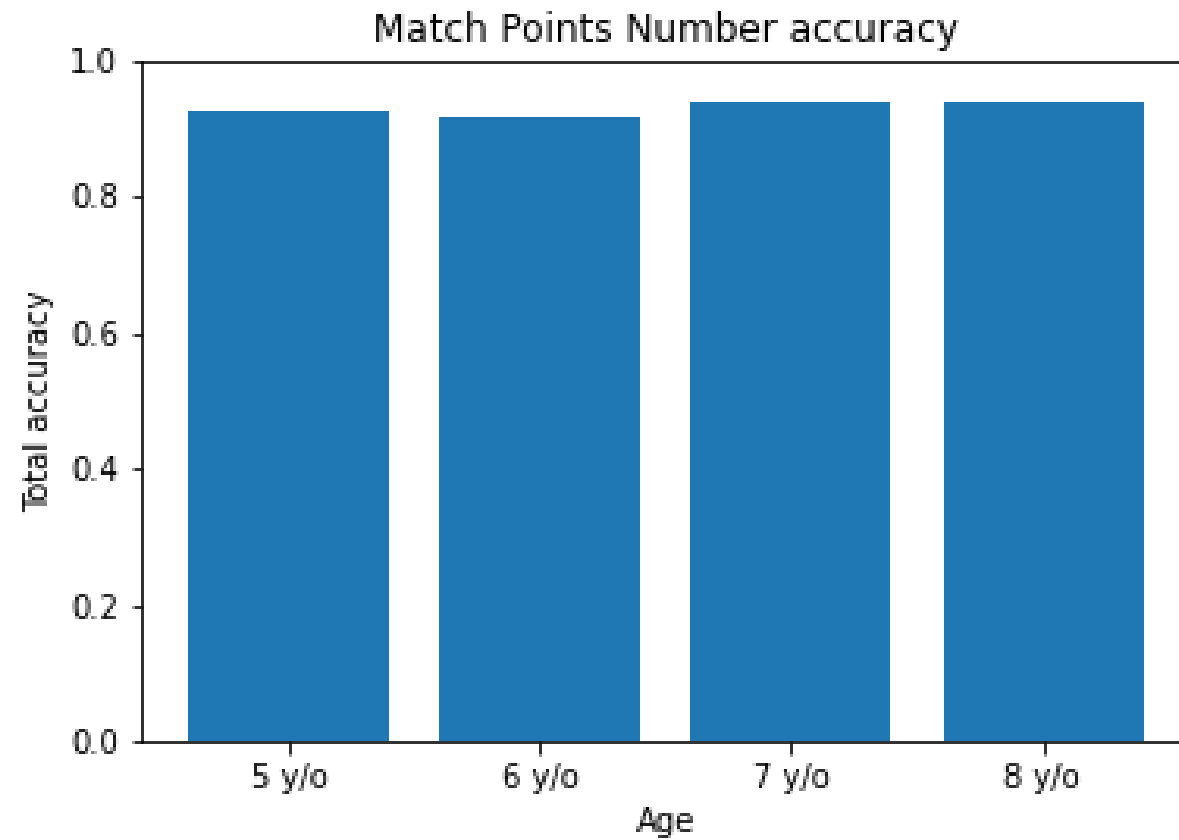
Match Points Number

Response Time



Match Points Number

Accuracy



Symbolic Magnitude

4

2

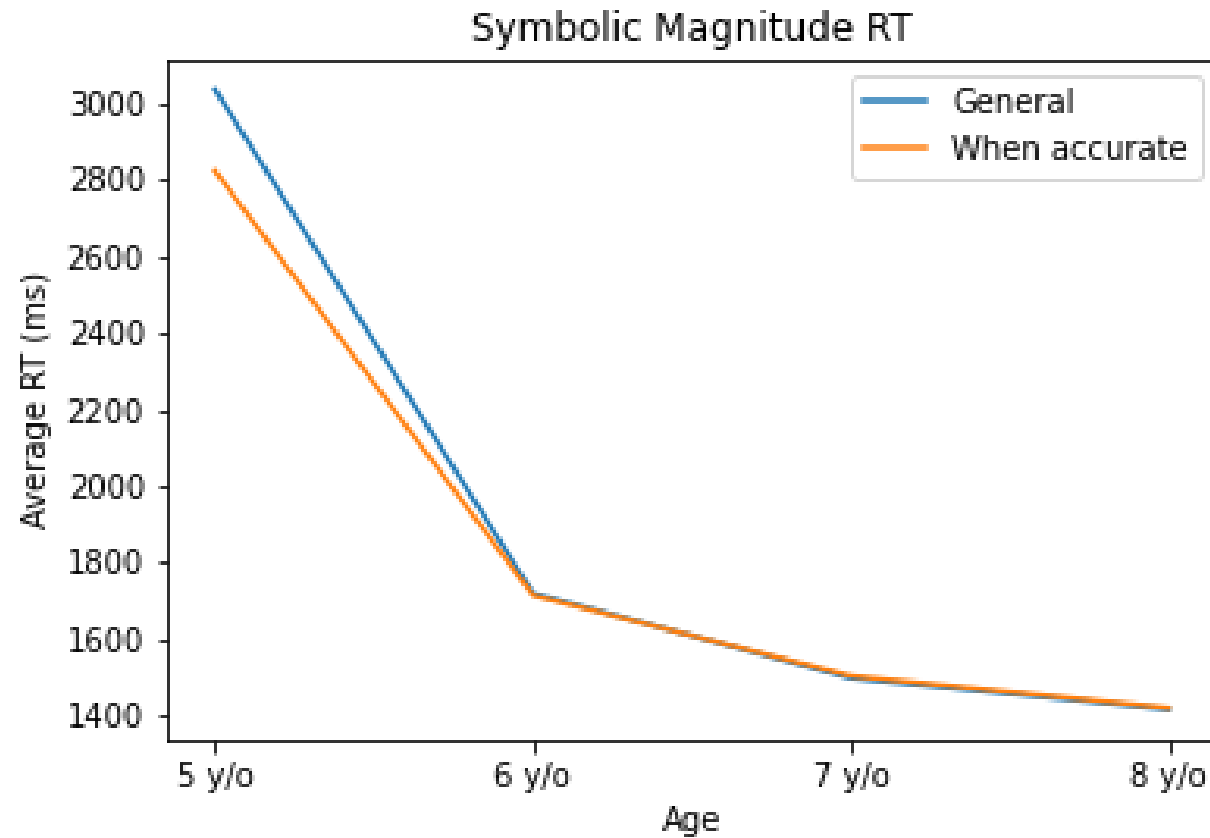
Symbolic Magnitude

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,88	0,96	0,97	0,99
N*	160	400	180	270
RT M	3037,56	1718,31	1496,63	1415,34
RT S	2613,08	780,02	484,68	472,05
N when accurate*	140	384	175	268
RT when accurate M	2824,34	1713,52	1502,31	1418,96
RT when accurate SD	2504,82	778,33	488,56	471,9

* Notice this is #samples, not #users

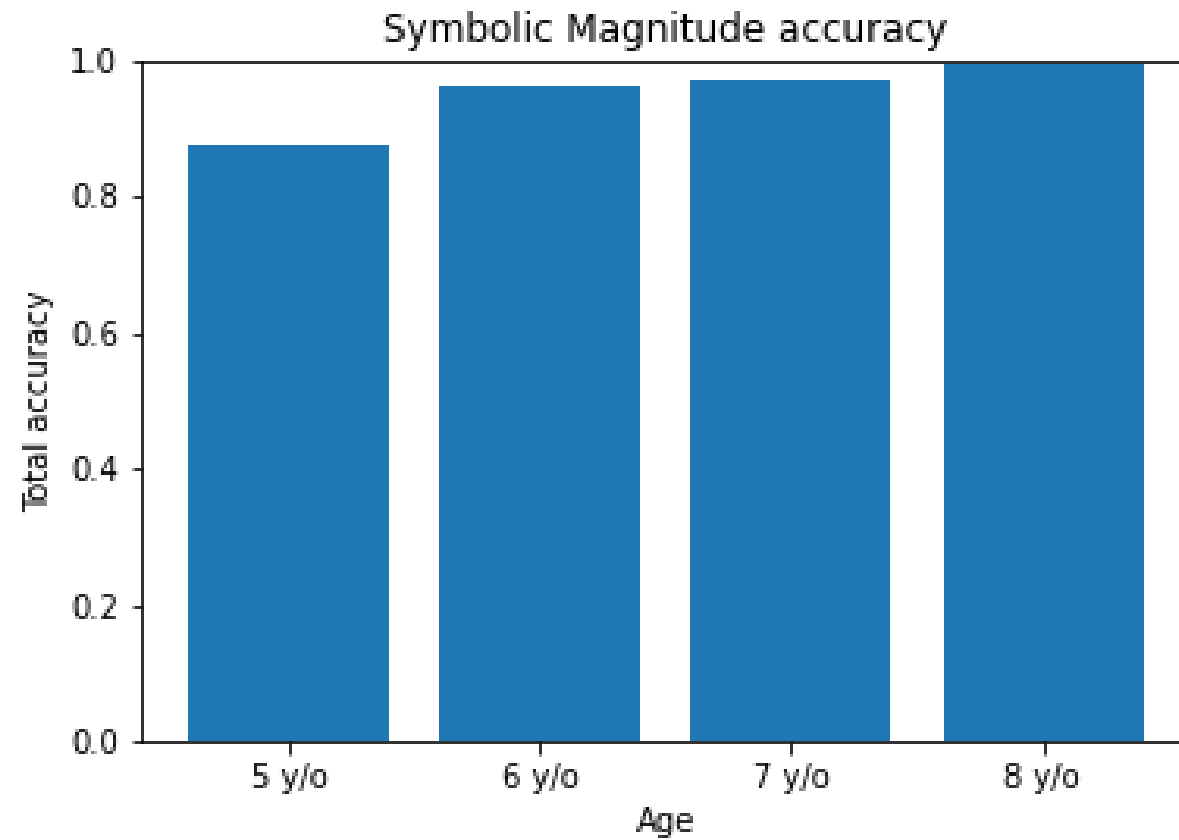
Symbolic Magnitude

Response Time



Symbolic Magnitude

Accuracy



Symbolic Magnitude

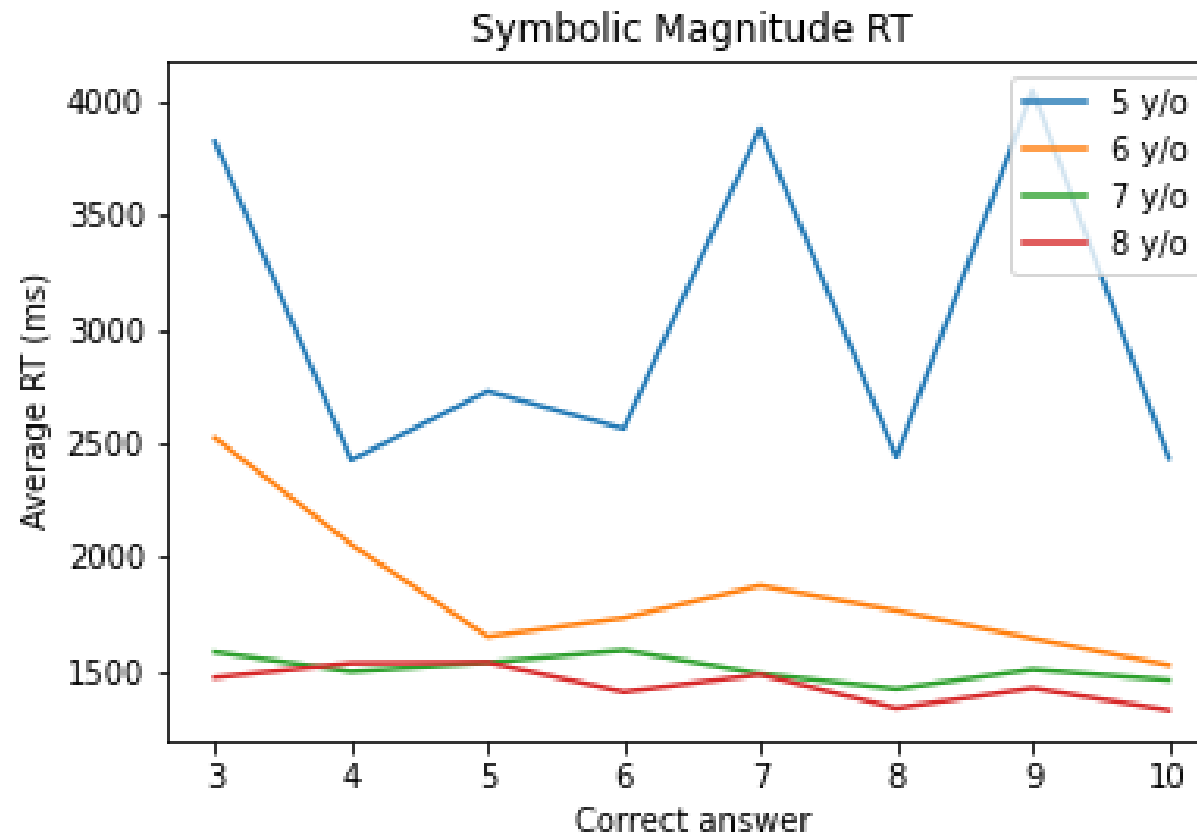
Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	10	3823,6	4373,39	8	2524,5	1527,2	7	1584,57	337,72	3	1473,67	326,19
4	13	2427,23	923,75	22	2057,59	927,41	4	1499,25	345,46	16	1536,12	279,64
5	14	2728,86	1298,94	29	1653,17	557,23	10	1538,1	341,02	21	1539,52	388,08
6	20	2564,9	1142,82	35	1735,11	899,38	22	1593	462,38	39	1410,67	423,98
7	20	3883	4729,13	50	1876,3	852,61	24	1490,04	478,74	37	1486,27	570,17
8	21	2441,52	1246,34	74	1766,73	712,69	30	1423,5	389,52	44	1339,3	420,94
9	29	4048,9	2882,86	91	1644,49	680,46	44	1508,86	520,84	57	1427,56	527,97
10	33	2435,36	1090,89	91	1527,32	657,19	39	1462,1	569,83	53	1330,26	461,85
General	160	3037,56	2613,08	400	1718,31	780,02	180	1496,63	484,68	270	1415,34	472,05

* Ratio would be better

Symbolic Magnitude

Response Time by correct answer



Symbolic Magnitude

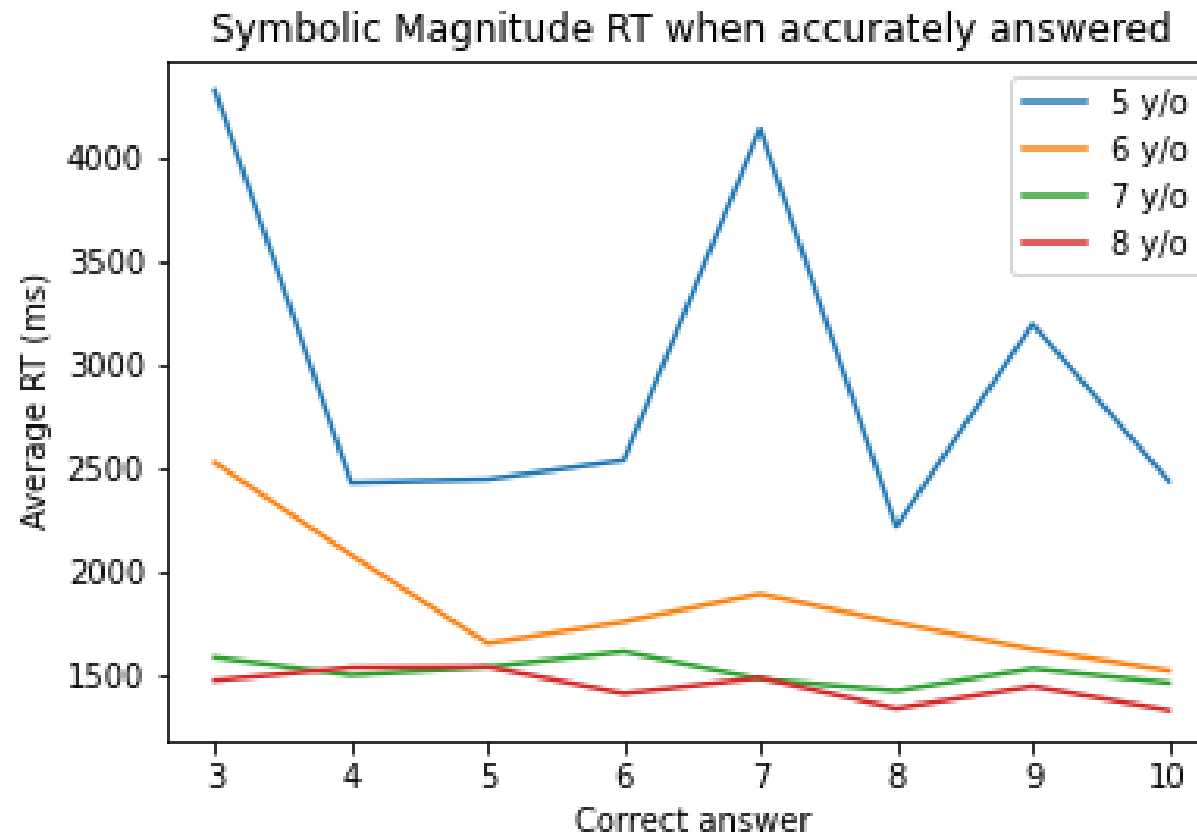
Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	8	4320,25	4745,65	8	2524,5	1527,2	7	1584,57	337,72	3	1473,67	326,19
4	13	2427,23	923,75	21	2078,67	944,08	4	1499,25	345,46	16	1536,12	279,64
5	13	2443,46	822,63	29	1653,17	557,23	10	1538,1	341,02	21	1539,52	388,08
6	19	2536,11	1165,41	31	1757,29	946,45	21	1612,24	464,58	39	1410,67	423,98
7	15	4135,4	5391,12	48	1891,38	841,62	22	1480,32	498,88	37	1486,27	570,17
8	18	2216,72	824,95	71	1751,79	719,42	30	1423,5	389,52	44	1339,3	420,94
9	21	3192,43	2196,81	86	1624,19	636,96	42	1530,57	523,29	55	1445,65	528,6
10	33	2435,36	1090,89	90	1520,9	657,99	39	1462,1	569,83	53	1330,26	461,85
General	140	2824,34	2504,82	384	1713,52	778,33	175	1502,31	488,56	268	1418,96	471,9

* Ratio would be better

Symbolic Magnitude

Response Time when accurately answered



Symbolic Magnitude

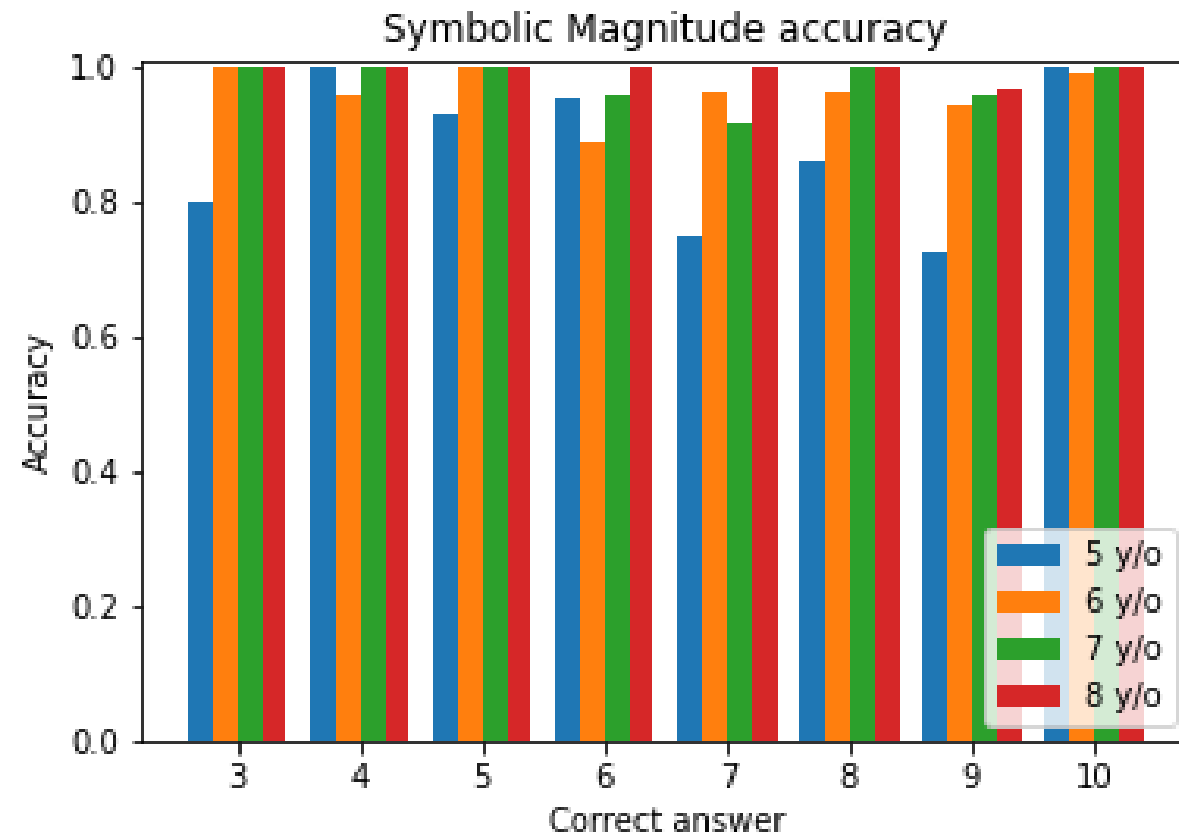
Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
3	0,8	1	1	1	0,8	1	1	1
4	1	0,95	1	1	1	0,95	1	1
5	0,93	1	1	1	0,93	1	1	1
6	0,95	0,89	0,95	1	0,95	0,89	0,95	1
7	0,75	0,96	0,92	1	0,75	0,96	0,92	1
8	0,86	0,96	1	1	0,86	0,96	1	1
9	0,72	0,95	0,95	0,96	0,72	0,95	0,95	0,96
10	1	0,99	1	1	1	0,99	1	1
General	0,88	0,96	0,97	0,99	0,88	0,96	0,97	0,99

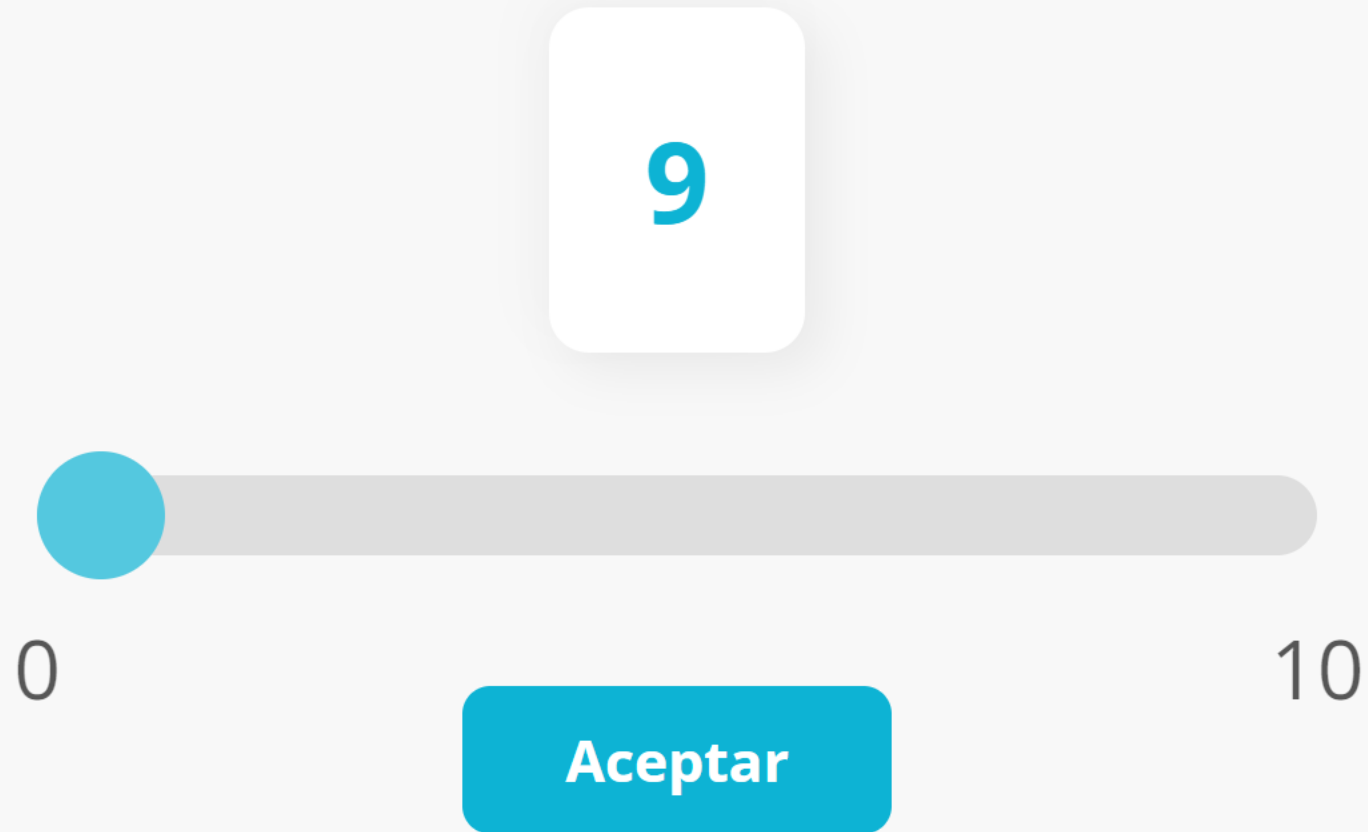
* Ratio would be better

Symbolic Magnitude

Accuracy



Numeric Line



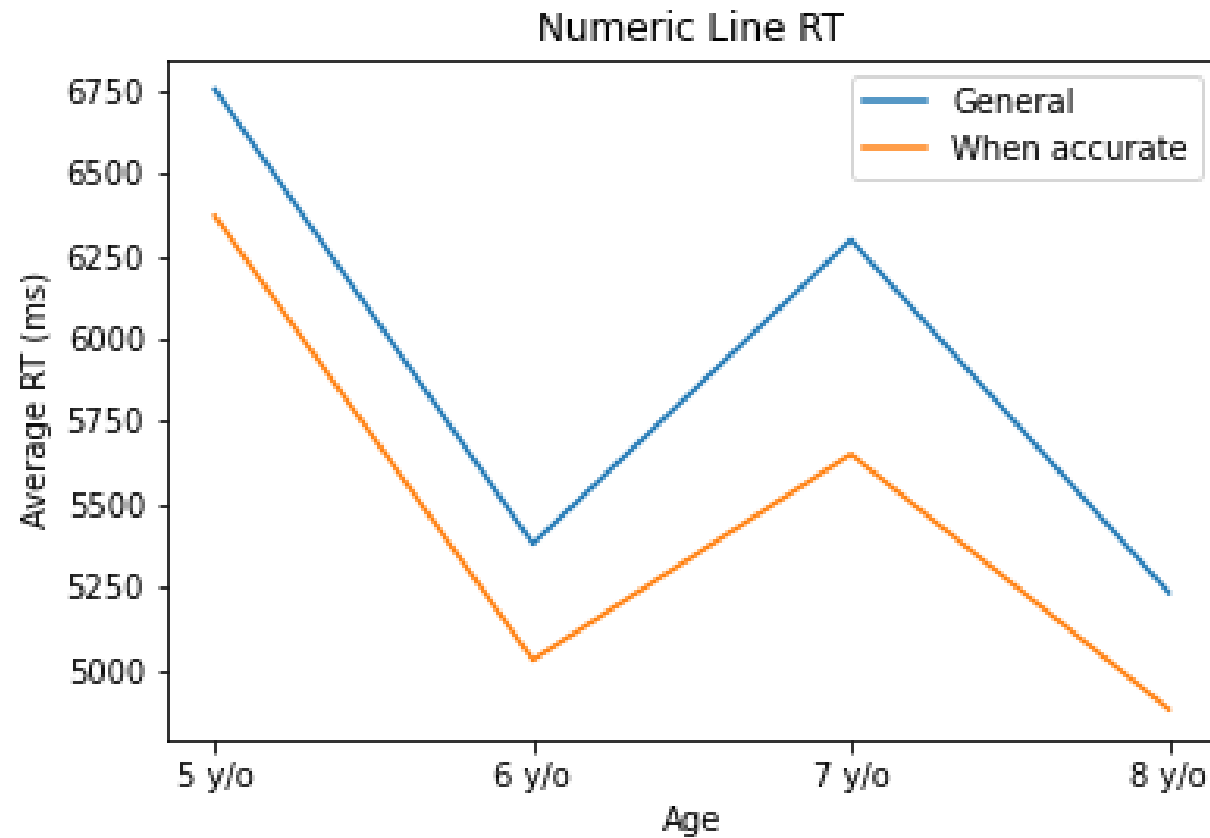
Numeric Line

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,51	0,57	0,61	0,75
N*	160	400	190	260
RT M	6753,98	5380,61	6299,11	5233
RT S	3918,05	4099,26	4780,25	3098,46
N when accurate*	82	227	116	195
RT when accurate M	6371,1	5029,7	5651,45	4881,18
RT when accurate SD	3766,98	3843,28	3549,14	2717,56

* Notice this is #samples, not #users

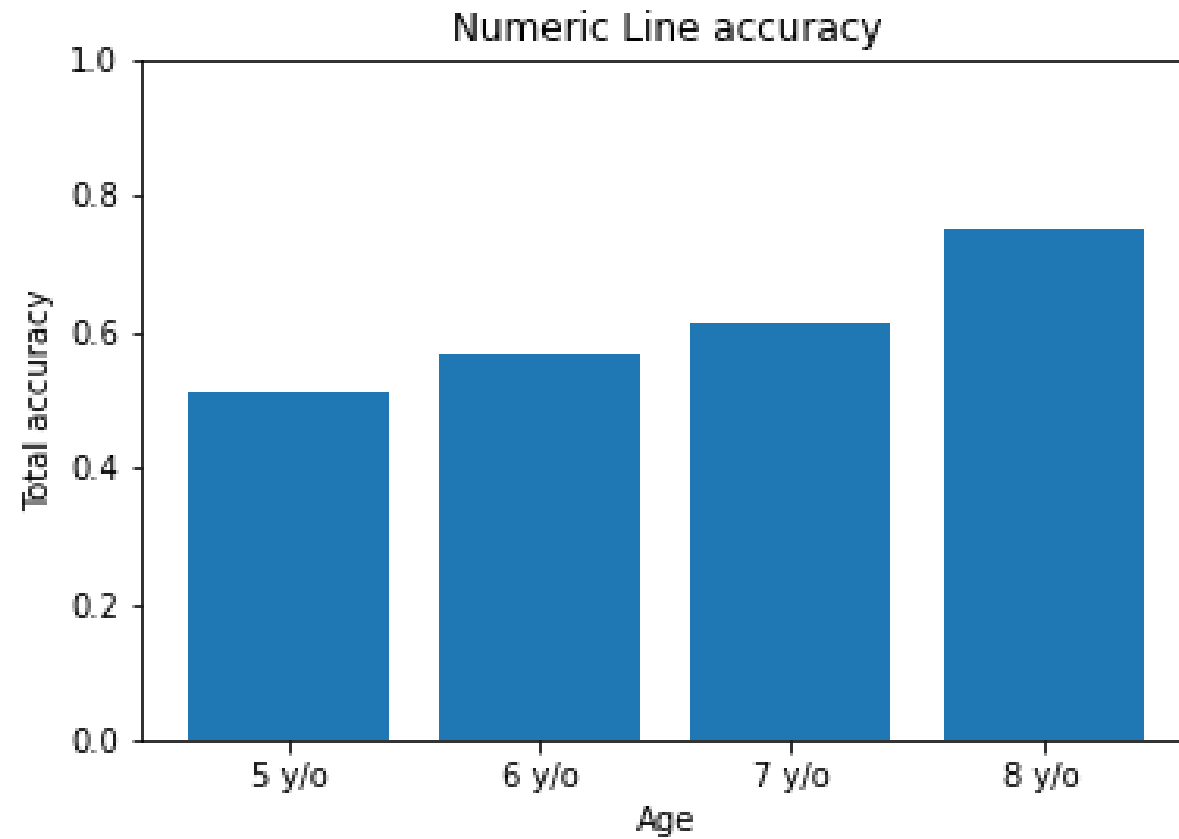
Numeric Line

Response Time



Numeric Line

Accuracy



Counting Forward

6

7

?

1

2

3

4

5

6

7

8

9

0

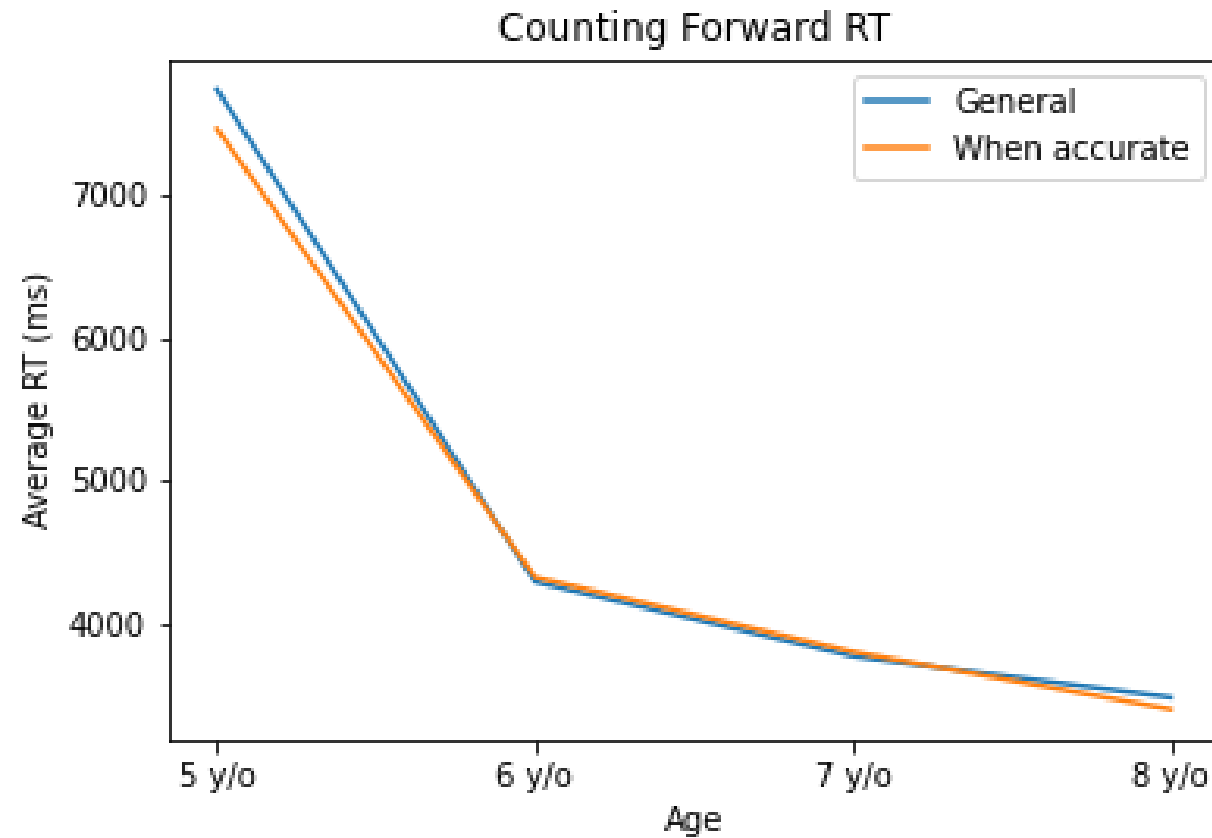
Counting Forward

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,9	0,93	0,98	0,87
N*	144	360	171	252
RT M	7736,62	4295,81	3775,83	3488,63
RT S	5991,28	2869,85	1641,46	1808,08
N when accurate*	130	333	167	219
RT when accurate M	7461,88	4328,22	3806,38	3406,29
RT when accurate SD	5415,29	2908,23	1623,87	1442,76

* Notice this is #samples, not #users

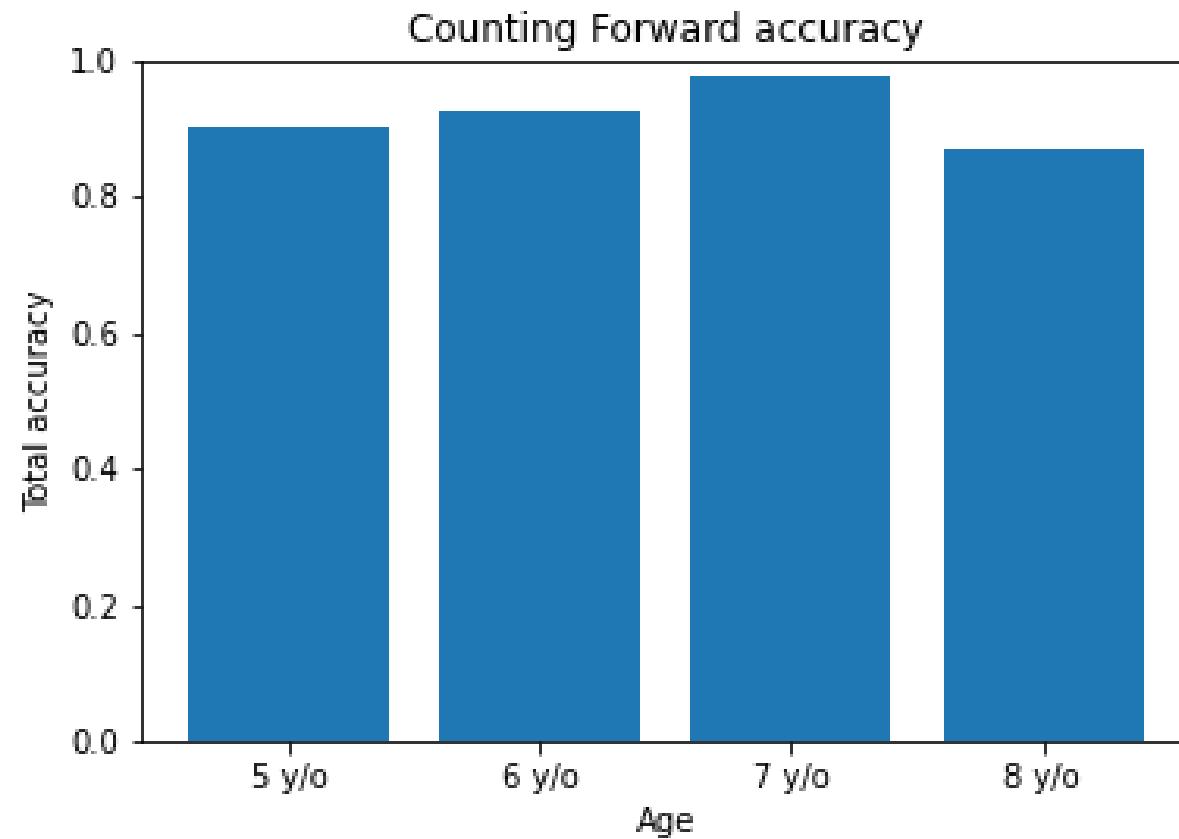
Counting Forward

Response Time



Counting Forward

Accuracy



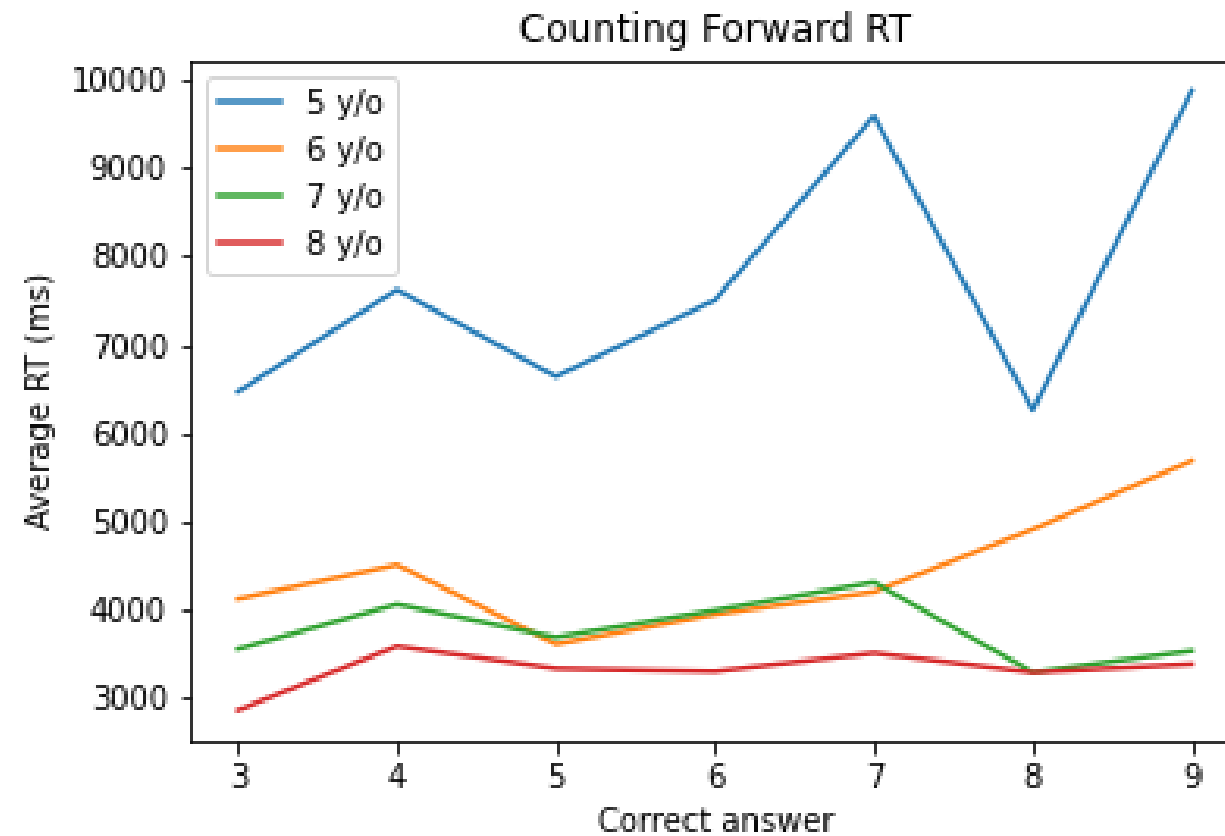
Counting Forward

Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	21	6467,33	5603,93	44	4116,23	1794,91	23	3547,78	1197,77	35	2853,97	958,98
4	20	7625	3328,06	63	4503,62	4233,1	27	4054,85	2158,94	32	3579,5	1494,97
5	18	6637,44	4831,44	61	3603,92	2651,86	27	3681,63	1195,97	34	3325,85	1277,74
6	23	7507,57	5707,14	59	3940,63	2360,99	26	3986,15	1452,07	33	3293,12	1401,62
7	23	9591,35	5978,89	60	4195,58	2745,2	22	4303,95	2534,04	33	3500,76	1671,31
8	20	6258,6	3004,93	38	4907,03	2094,25	22	3282,73	949,83	36	3281,33	1574,67
9	19	9886,26	9862,73	33	5683,39	2372,11	24	3526,5	1111,9	31	3376,06	1704,81
General	144	7736,62	5991,28	360	4295,81	2869,85	171	3775,83	1641,46	252	3488,63	1808,08

Counting Forward

Response Time by correct answer



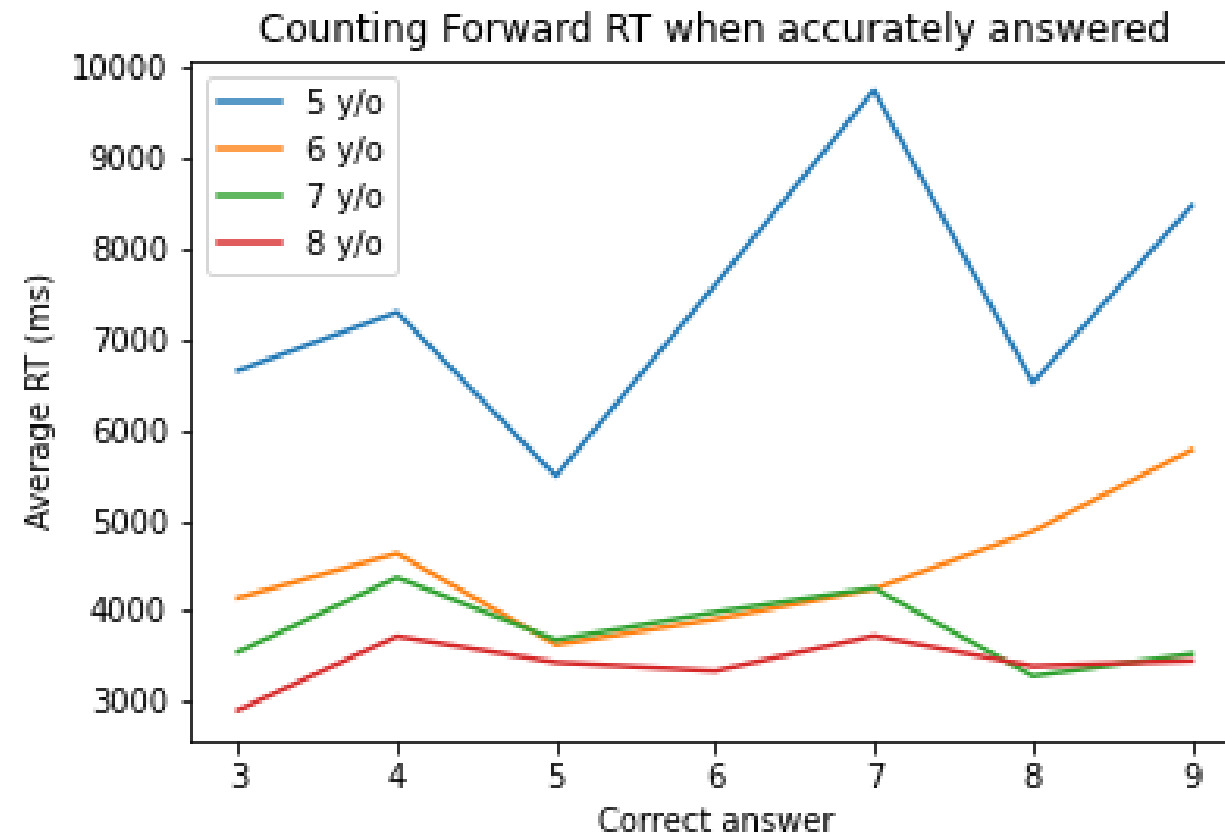
Counting Forward

Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	20	6650,2	5680,85	43	4143,7	1806,49	23	3547,78	1197,77	33	2906,73	961,56
4	18	7296,83	3190,52	53	4636,55	4419,48	24	4369,21	2060,2	29	3721,52	1491,03
5	15	5487,6	2214,96	58	3628,83	2674,94	27	3681,63	1195,97	31	3432,61	1247,59
6	21	7592,29	5914,95	57	3909,98	2392,55	26	3986,15	1452,07	32	3338,31	1399,47
7	21	9741,38	6214,94	53	4241,17	2876,4	21	4252,62	2582,47	30	3725,87	1563,5
8	19	6516,68	2858,79	35	4880	2060,58	22	3282,73	949,83	34	3391,09	1526,77
9	16	8472,5	7881,87	32	5778,16	2346,57	24	3526,5	1111,9	29	3451,41	1662,34
General	130	7461,88	5415,29	333	4328,22	2908,23	167	3806,38	1623,87	219	3406,29	1442,76

Counting Forward

Response Time when accurately answered



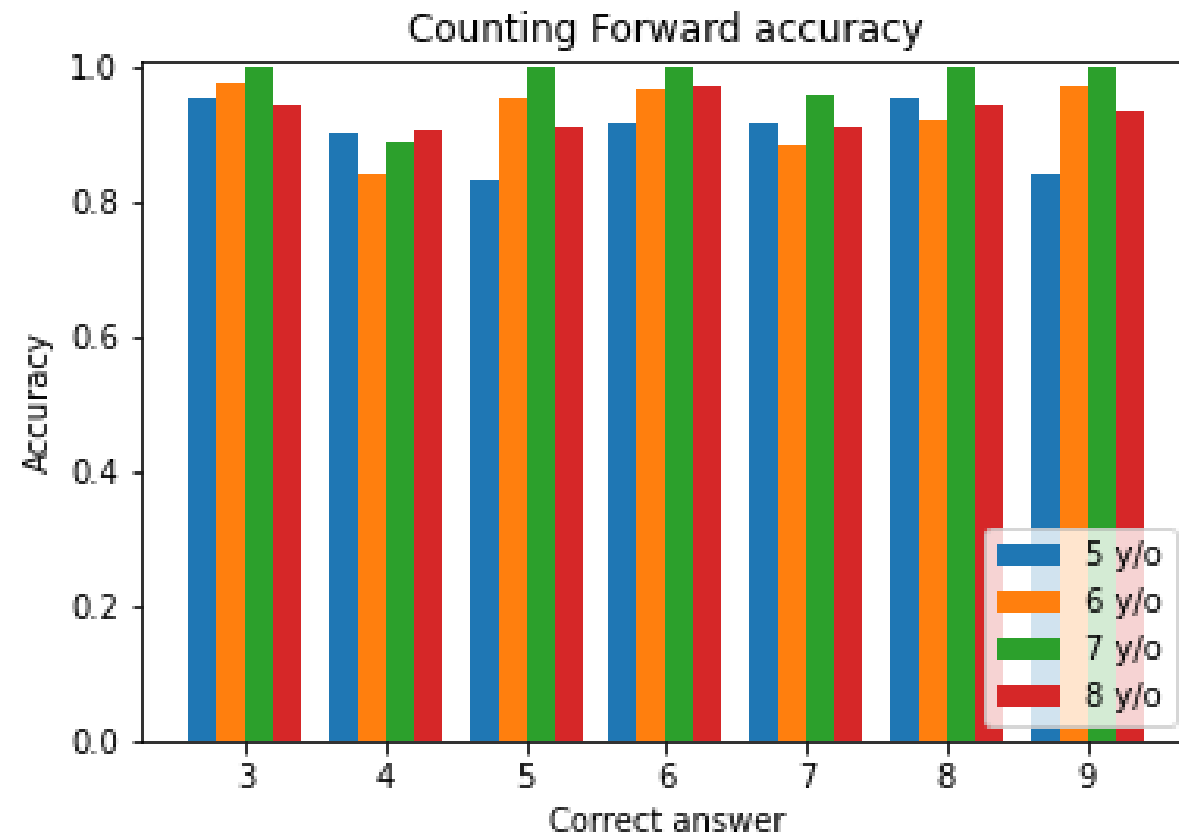
Counting Forward

Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
3	0,95	0,98	1	0,94	0,95	0,98	1	0,94
4	0,9	0,84	0,89	0,91	0,9	0,84	0,89	0,91
5	0,83	0,95	1	0,91	0,83	0,95	1	0,91
6	0,91	0,97	1	0,97	0,91	0,97	1	0,97
7	0,91	0,88	0,95	0,91	0,91	0,88	0,95	0,91
8	0,95	0,92	1	0,94	0,95	0,92	1	0,94
9	0,84	0,97	1	0,94	0,84	0,97	1	0,94
General	0,9	0,93	0,98	0,87	0,9	0,93	0,98	0,87

Counting Forward

Accuracy



Counting Backward

8

7

?

1

2

3

4

5

6

7

8

9

0

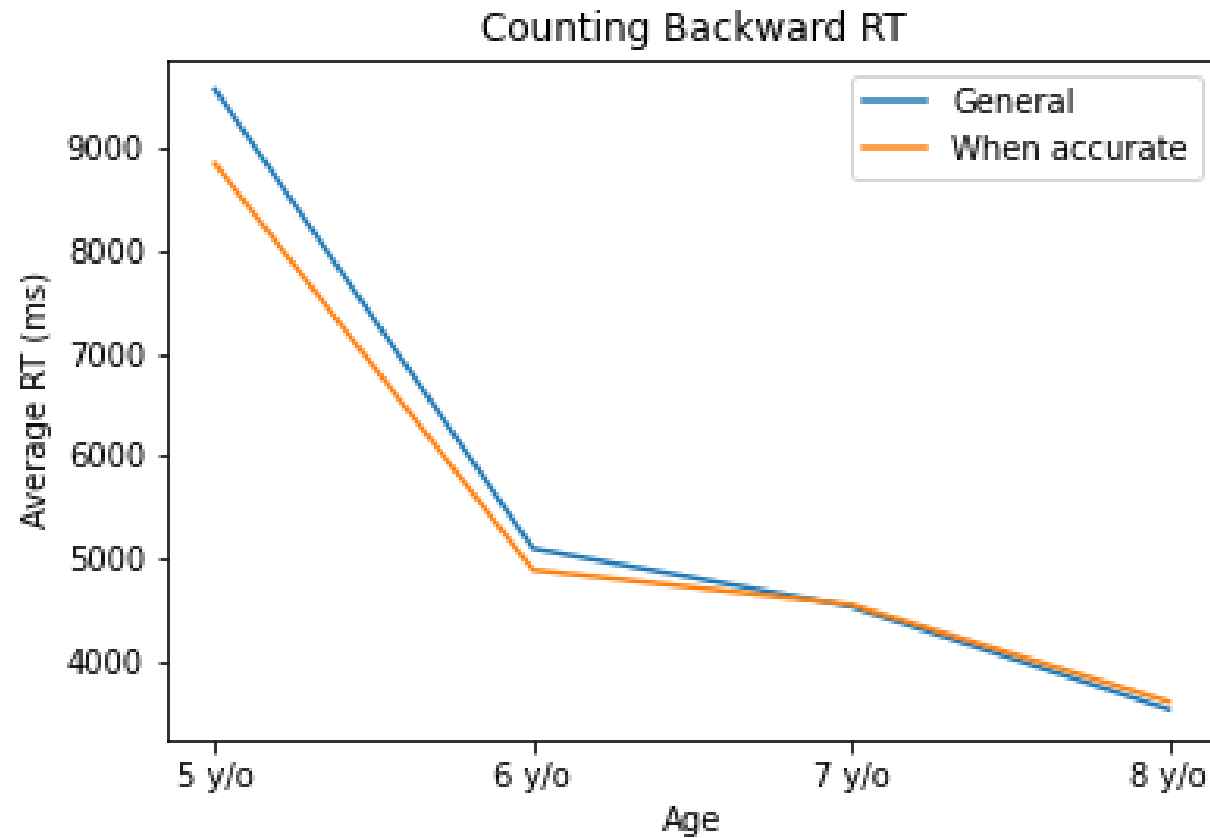
Counting Backward

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,77	0,89	0,96	0,9
N*	304	741	361	456
RT M	9576,92	5101,35	4535,13	3535,52
RT S	8201,84	4046,47	2515,62	1848,3
N when accurate*	235	663	346	412
RT when accurate M	8852,9	4891,88	4554,88	3608,56
RT when accurate SD	7384,98	3815,35	2283,12	1766,24

* Notice this is #samples, not #users

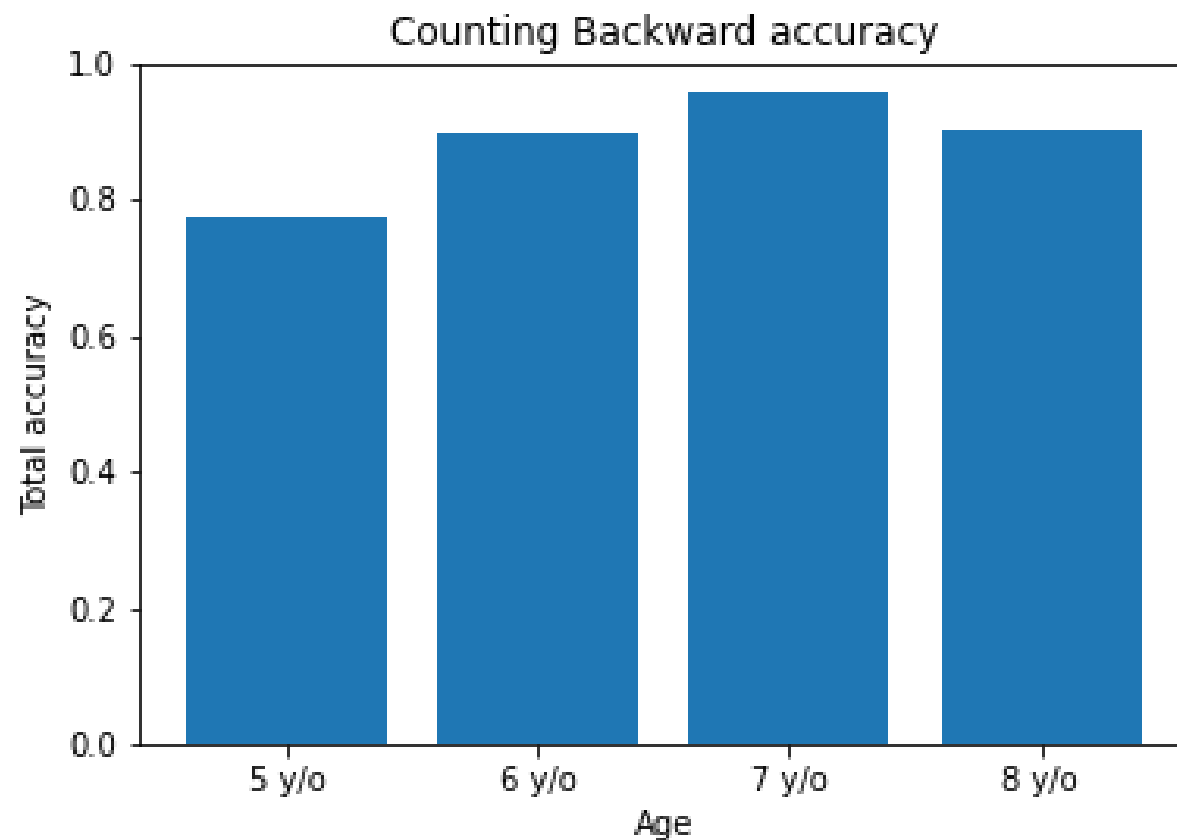
Counting Backward

Response Time



Counting Backward

Accuracy



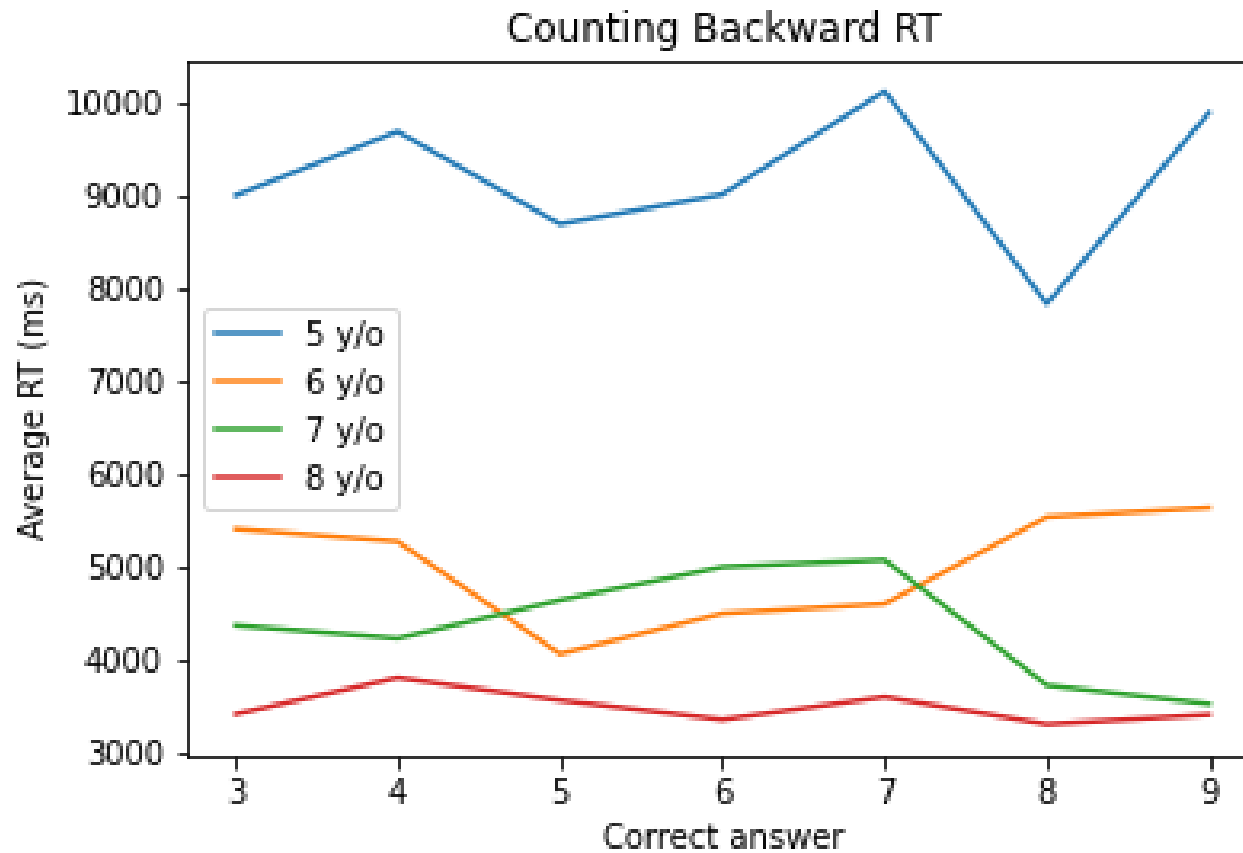
Counting Backward

Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	38	8996,71	8947,76	79	5407,1	2899,24	48	4368,92	1915,13	61	3415,1	1719,03
4	42	9684,17	6412,66	117	5272,08	4657,17	50	4228,92	2211,55	61	3808,3	1944,95
5	39	8687,92	5624,84	122	4063,11	3652,58	54	4641,13	2284,58	58	3564,69	1971,72
6	45	9008,27	5825,91	114	4498,5	3580,1	52	4998,29	2638,68	61	3357,23	1866,39
7	42	10117	6194,52	125	4600,83	3446,86	44	5073,61	2634,08	60	3601,28	1838,8
8	38	7829,82	6519,62	71	5537,39	3225,92	43	3726,21	1376,48	60	3308,12	1471,02
9	19	9886,26	9862,73	33	5635,06	2432,34	24	3526,5	1111,9	29	3409,9	1813,77
General	304	9576,92	8201,84	741	5101,35	4046,47	361	4535,13	2515,62	456	3535,52	1848,3

Counting Backward

Response Time by correct answer



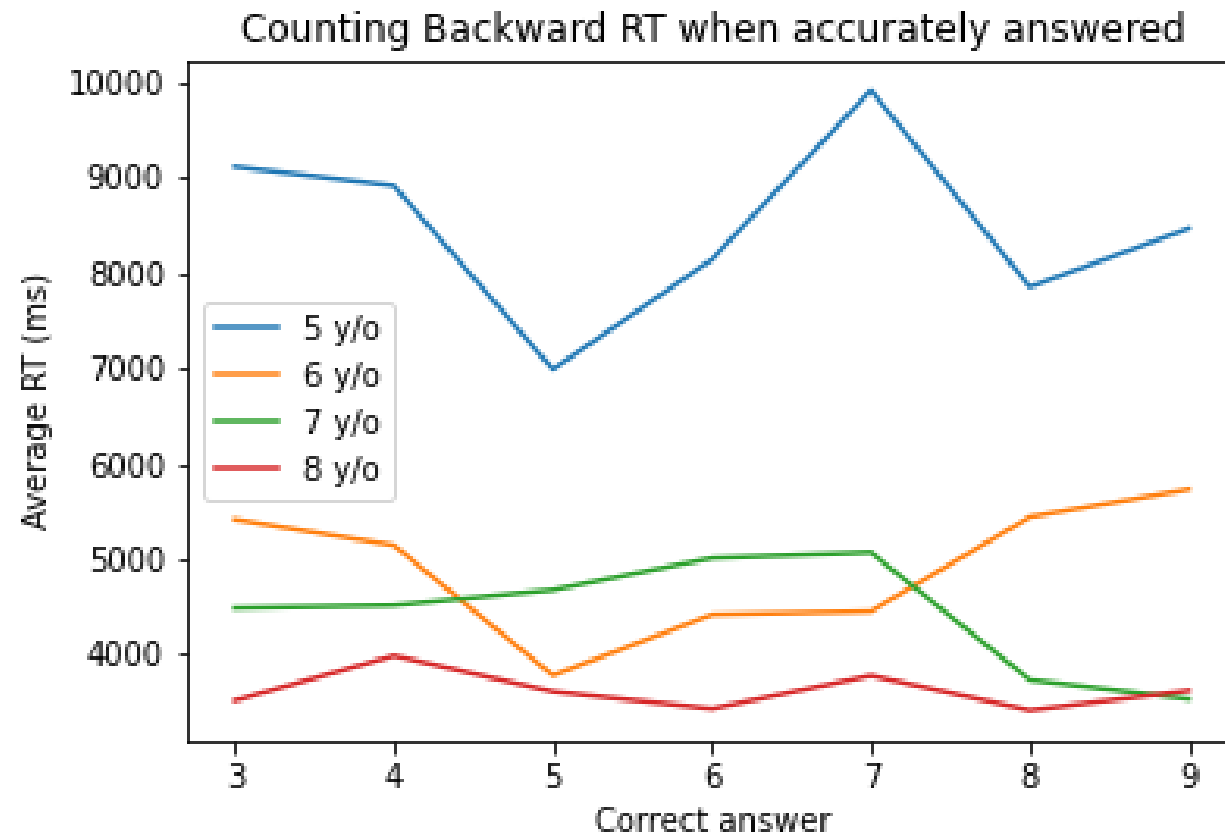
Counting Backward

Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
3	30	9119,57	9441,43	73	5414,18	2956,29	46	4482,5	1875,08	55	3510,64	1721,99
4	31	8921,42	6050,13	100	5141,95	4464,48	44	4510,32	2130,35	56	3980,02	1924,29
5	25	6990,24	3972,57	112	3773,38	3212,35	53	4672,25	2294,67	53	3604,34	1868,47
6	38	8146,61	4979,63	104	4413,8	3607,21	51	5008,04	2663,5	59	3425,08	1858,19
7	34	9923,76	6305,63	115	4448,16	3269,58	43	5066,44	2664,11	55	3771,02	1804,17
8	34	7856,91	6458,24	66	5440,39	3234,18	43	3726,21	1376,48	58	3409,03	1390,15
9	16	8472,5	7881,87	32	5728,31	2411,27	24	3526,5	1111,9	26	3613,85	1699,27
General	235	8852,9	7384,98	663	4891,88	3815,35	346	4554,88	2283,12	412	3608,56	1766,24

Counting Backward

Response Time when accurately answered



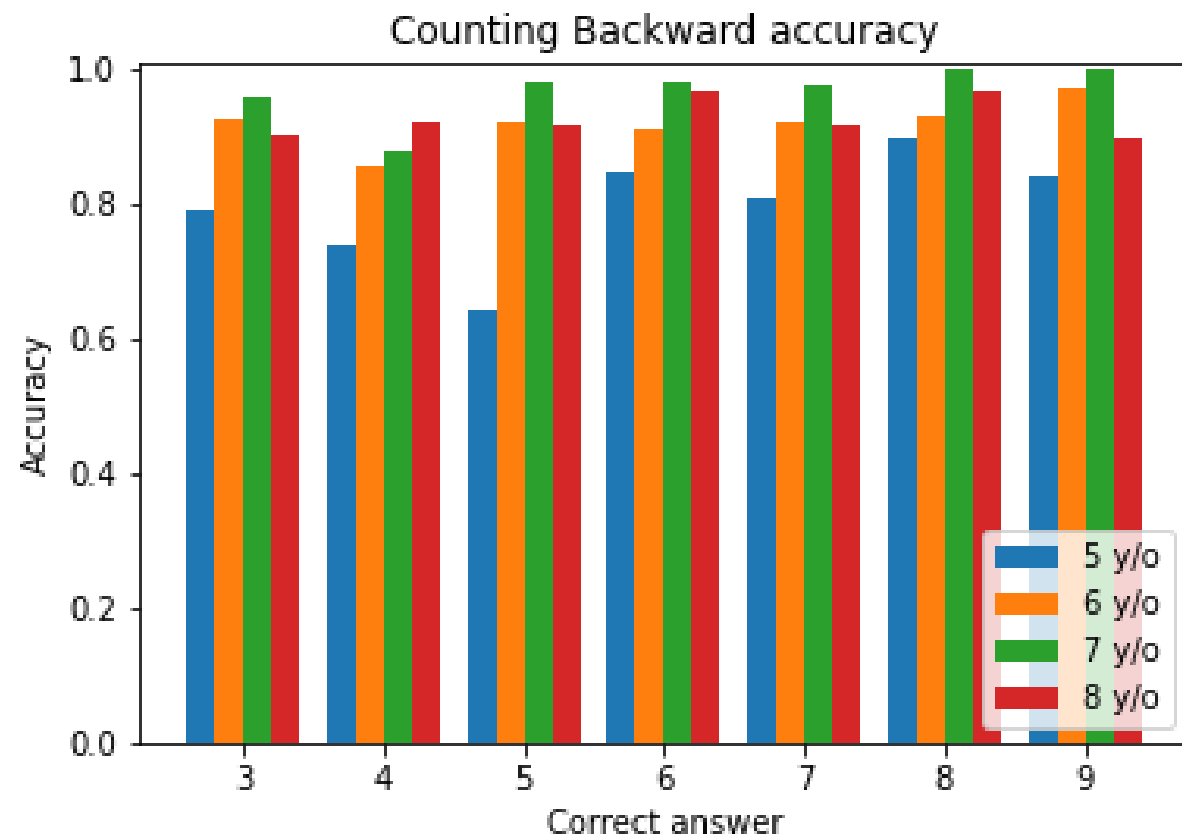
Counting Backward

Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
3	0,79	0,92	0,96	0,9	0,79	0,92	0,96	0,9
4	0,74	0,85	0,88	0,92	0,74	0,85	0,88	0,92
5	0,64	0,92	0,98	0,91	0,64	0,92	0,98	0,91
6	0,84	0,91	0,98	0,97	0,84	0,91	0,98	0,97
7	0,81	0,92	0,98	0,92	0,81	0,92	0,98	0,92
8	0,89	0,93	1	0,97	0,89	0,93	1	0,97
9	0,84	0,97	1	0,9	0,84	0,97	1	0,9
General	0,77	0,89	0,96	0,9	0,77	0,89	0,96	0,9

Counting Backward

Accuracy



Simple Arithmetic Plus

$$1 + 5 = ?$$

1

2

3

4

5

6

7

8

9

0

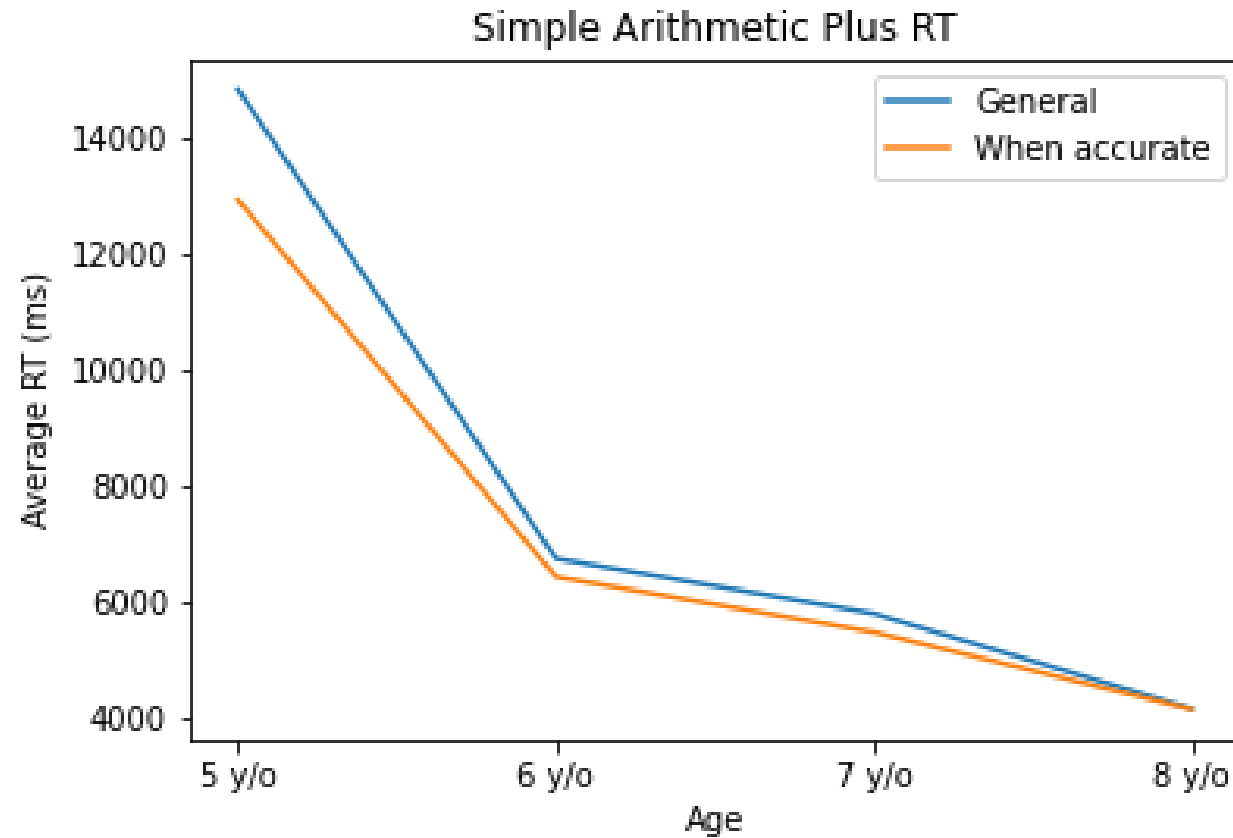
Simple Arithmetic Plus

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,74	0,9	0,95	0,94
N*	160	390	180	280
RT M	14827,3	6731,64	5782,57	4141,15
RT S	10366,1	6126,12	4638,1	3057,36
N when accurate*	119	351	171	262
RT when accurate M	12922,79	6417,07	5462,47	4133,4
RT when accurate SD	7774,79	5623,42	4266,76	2838,76

* Notice this is #samples, not #users

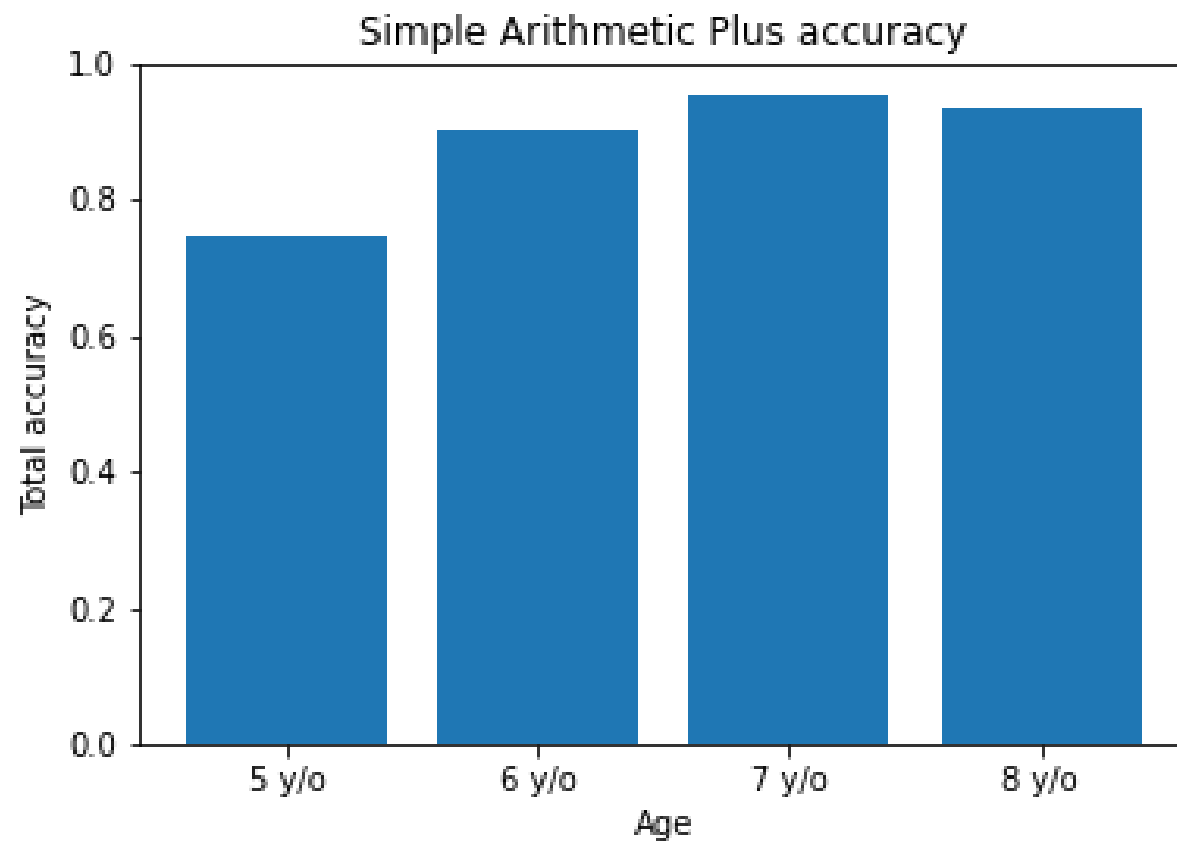
Simple Arithmetic Plus

Response Time



Simple Arithmetic Plus

Accuracy



Simple Arithmetic Plus

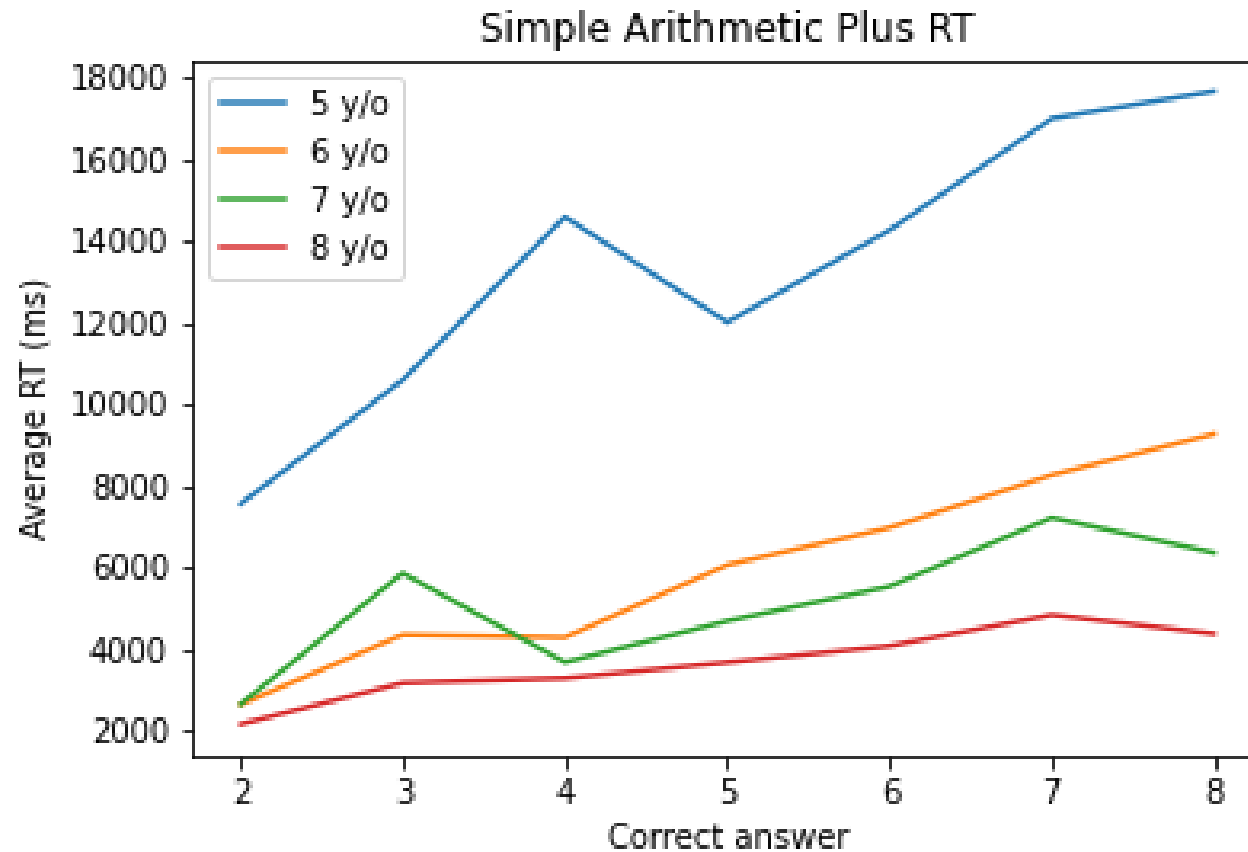
Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
2	5	7555,8	3780,92	18	2651,39	1375,25	7	2657,86	695,99	9	2170,33	668,39
3	10	10588,1	6748,48	33	4355,94	2408,41	13	5863,62	4325,69	16	3179,69	1192,5
4	16	14584,12	8995,06	49	4289,67	3252,08	18	3685,06	3434,17	20	3294,2	1463,34
5	30	12002	5398,9	68	6063,66	5290,64	22	4691,23	3946,74	34	3681,97	2322,49
6	26	14258,73	11175,55	75	6975,92	6086,61	26	5537,31	3559,33	47	4080,89	2869,5
7	36	16984,39	11684,85	66	8263,88	6675	40	7222,15	5476,01	69	4842,22	3503,12
8	37	17652,35	11830,84	80	9269,26	7710,75	54	6363,63	4840,34	85	4377,96	3464,82
General	160	14827,3	10366,1	390	6731,64	6126,12	180	5782,57	4638,1	280	4141,15	3057,36

* Specific information would be better

Simple Arithmetic Plus

Response Time by correct answer



Simple Arithmetic Plus

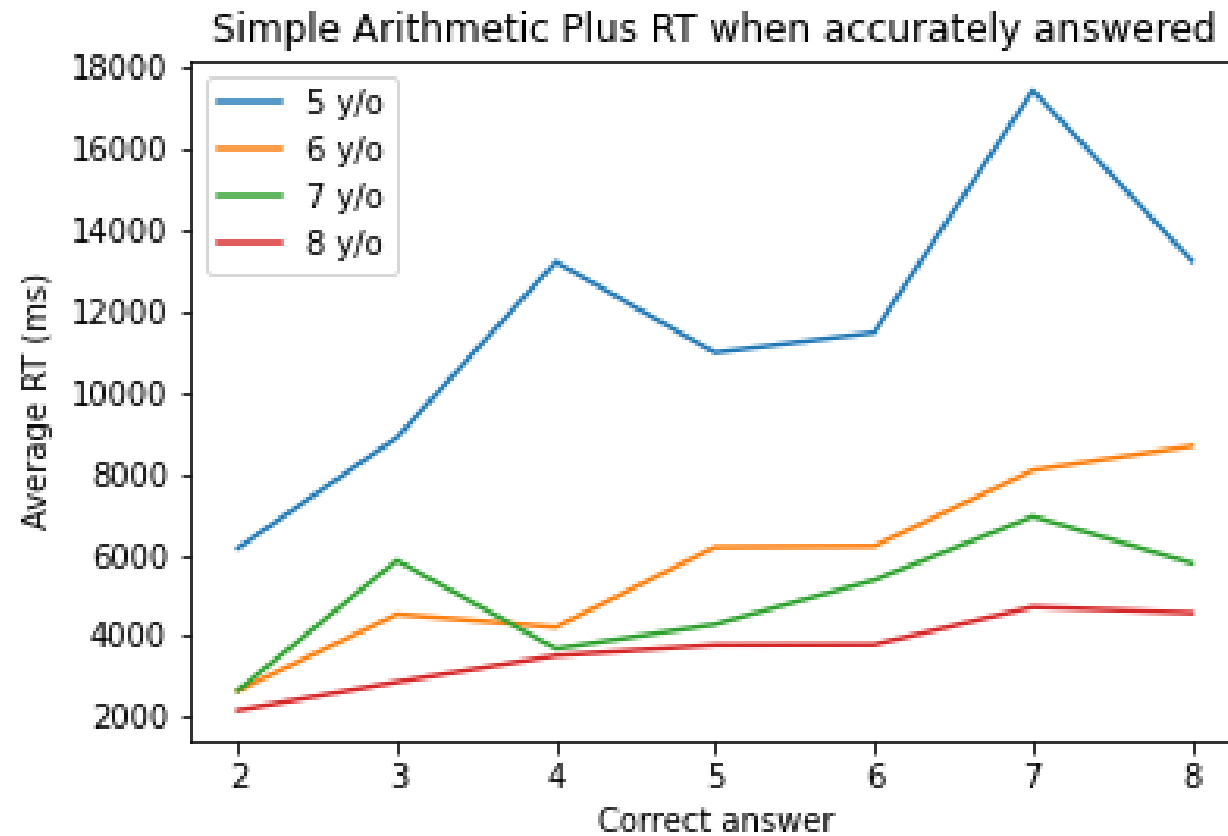
Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
2	4	6167,5	2869,21	18	2651,39	1375,25	7	2657,86	695,99	9	2170,33	668,39
3	7	8895,29	6651,81	31	4534,1	2376,88	13	5863,62	4325,69	14	2866,21	896,55
4	11	13230,45	7019,6	46	4217,5	3166,22	18	3685,06	3434,17	18	3515,11	1372,31
5	25	10986,84	4435,79	63	6195,79	5370,77	21	4287,71	3568,82	33	3779,7	2287,51
6	21	11485,67	6130,12	63	6214,73	5302,66	24	5376,46	3556,33	43	3787,53	1947,14
7	27	17460,37	10147,52	56	8088,25	6716,76	38	6950,34	5371,79	67	4716,13	3148,12
8	24	13251,67	7230,01	73	8686,37	6580,57	50	5794,6	3882,83	78	4569,78	3492,7
General	119	12922,79	7774,79	351	6417,07	5623,42	171	5462,47	4266,76	262	4133,4	2838,76

* Specific information would be better

Simple Arithmetic Plus

Response Time when accurately answered



Simple Arithmetic Plus

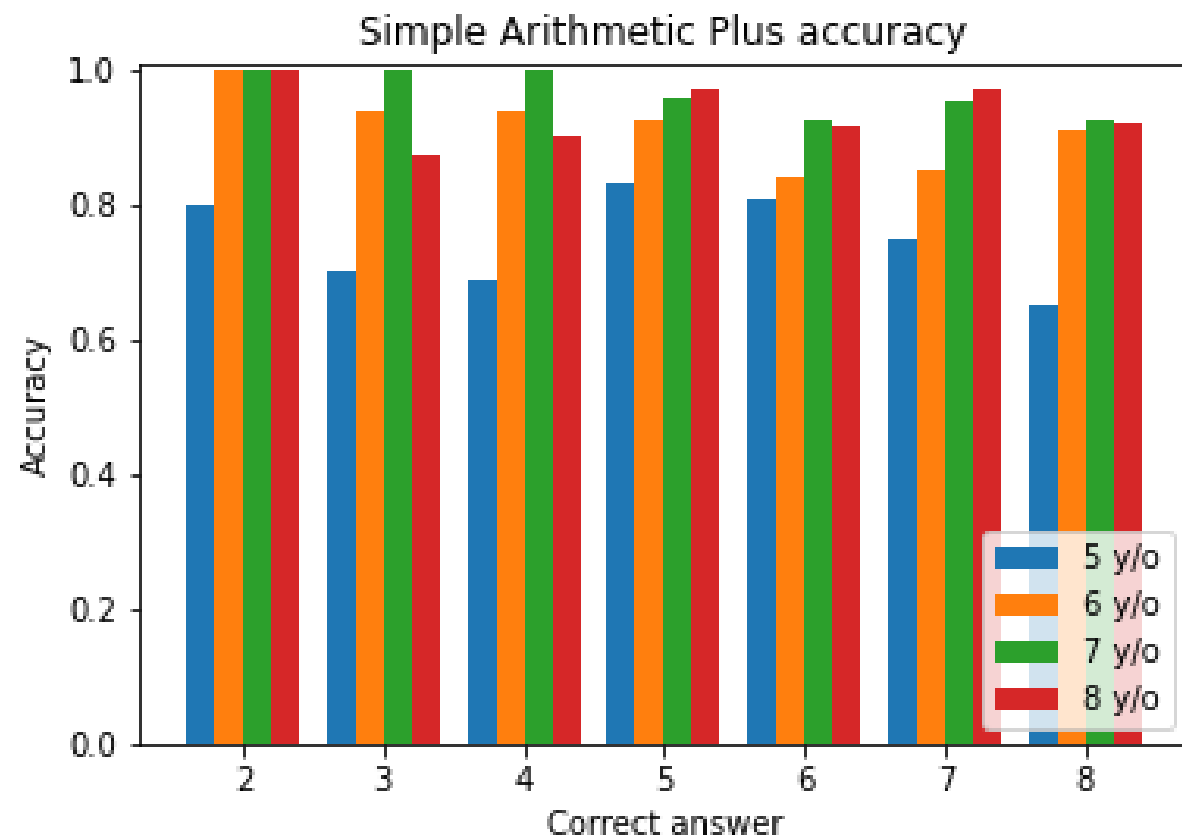
Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
2	0,8	1	1	1	0,8	1	1	1
3	0,7	0,94	1	0,88	0,7	0,94	1	0,88
4	0,69	0,94	1	0,9	0,69	0,94	1	0,9
5	0,83	0,93	0,95	0,97	0,83	0,93	0,95	0,97
6	0,81	0,84	0,92	0,91	0,81	0,84	0,92	0,91
7	0,75	0,85	0,95	0,97	0,75	0,85	0,95	0,97
8	0,65	0,91	0,93	0,92	0,65	0,91	0,93	0,92
General	0,74	0,9	0,95	0,94	0,74	0,9	0,95	0,94

* Specific information would be better

Simple Arithmetic Plus

Accuracy



Simple Arithmetic Minus

$$3 - 2 = ?$$

1

2

3

4

5

6

7

8

9

0

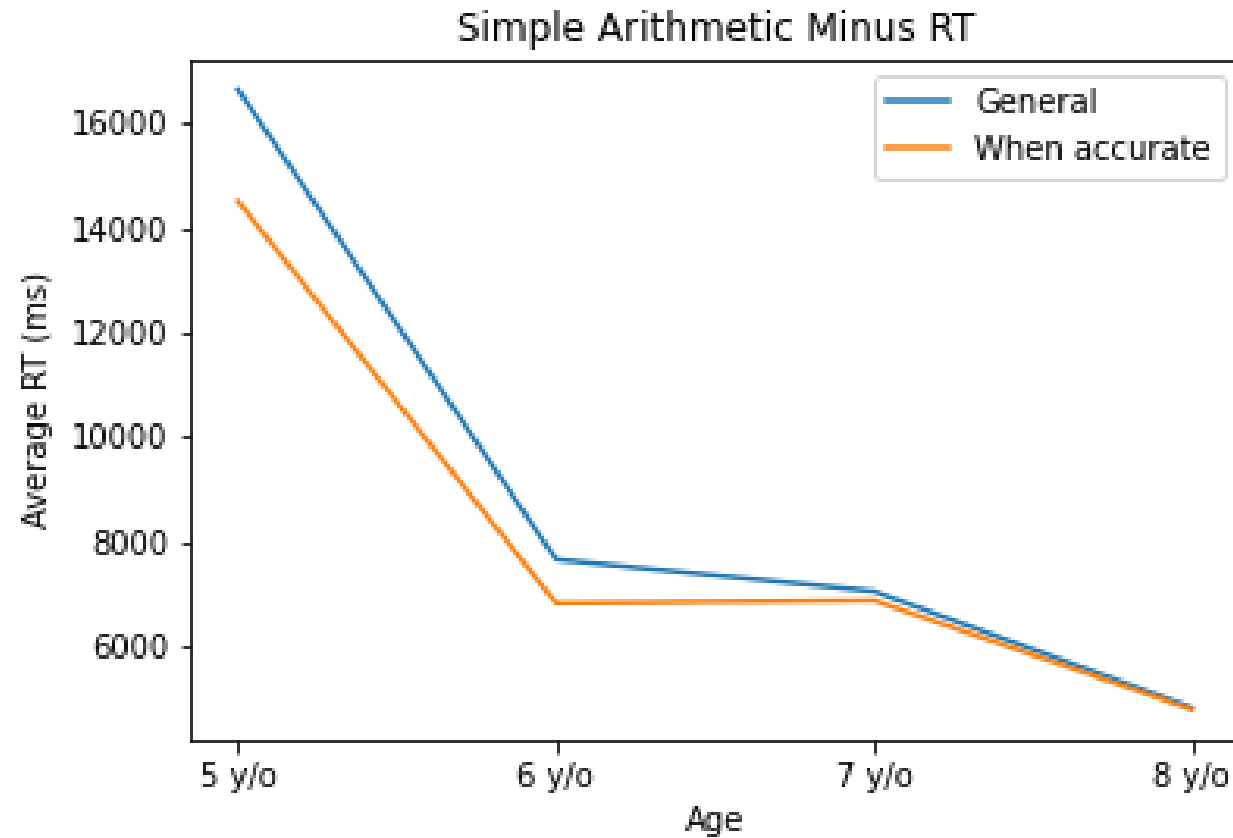
Simple Arithmetic Minus

	5 y/o	6 y/o	7 y/o	8 y/o
Accuracy	0,48	0,81	0,92	0,9
N*	320	780	380	540
RT M	16659,26	7664,42	7056,29	4831,63
RT S	14357,51	7091,21	5482,07	3675,63
N when accurate*	155	632	350	488
RT when accurate M	14524,64	6828,63	6879,5	4800,71
RT when accurate SD	10962,95	6339,17	5004,61	3529,95

* Notice this is #samples, not #users

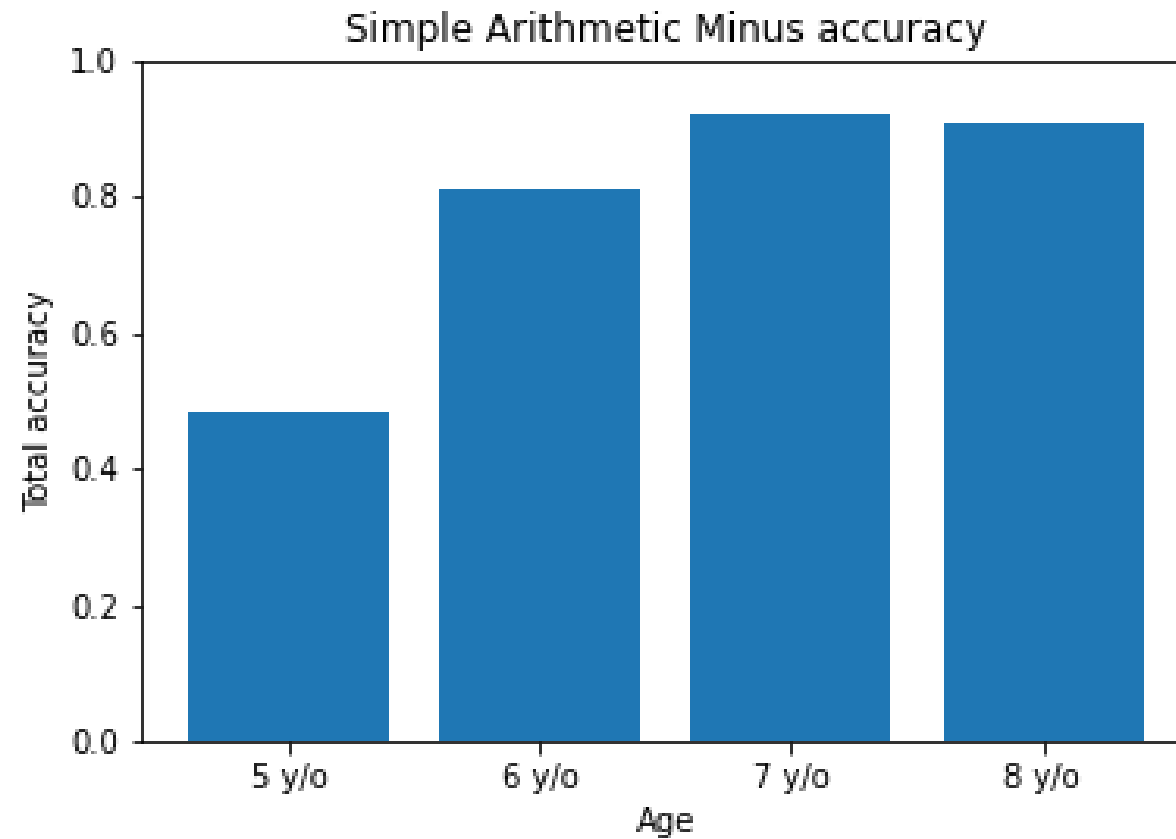
Simple Arithmetic Minus

Response Time



Simple Arithmetic Minus

Accuracy



Simple Arithmetic Minus

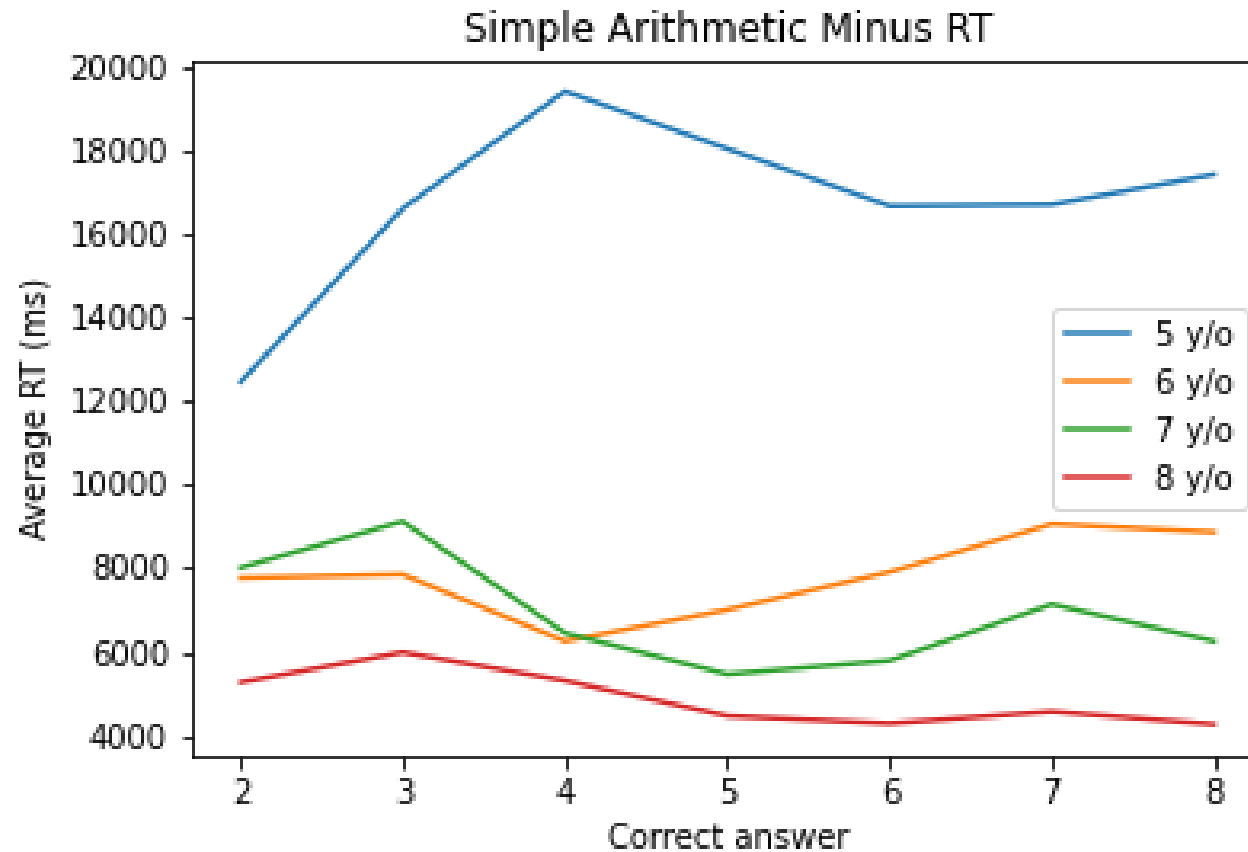
Response Time by correct answer

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
2	40	12447,9	9712,71	103	7766,32	7469,67	46	8012,93	7450,64	65	5271,43	3852,1
3	40	16599,33	15307,39	78	7849,72	7714,62	45	9118,29	6454,5	56	5991,05	5779,51
4	31	19401,45	15579,11	90	6253,26	5289,53	40	6448,7	5298,1	52	5313,4	3467,05
5	48	18027,58	20172,09	106	7004,84	5511,98	46	5468,85	3262,29	59	4469,41	3385,25
6	37	16662,97	13529,15	99	7908,25	6283,91	40	5795,02	3593,69	64	4292,98	3097,86
7	45	16694,62	12517,12	82	9055,62	6869,72	51	7135,1	5130,14	80	4572,89	2843,03
8	43	17409,95	11392,6	88	8863,14	7330,78	60	6253,43	4681,98	94	4272,9	3311,35
General	320	16659,26	14357,51	780	7664,42	7091,21	380	7056,29	5482,07	540	4831,63	3675,63

* Specific information would be better

Simple Arithmetic Minus

Response Time by correct answer



Simple Arithmetic Minus

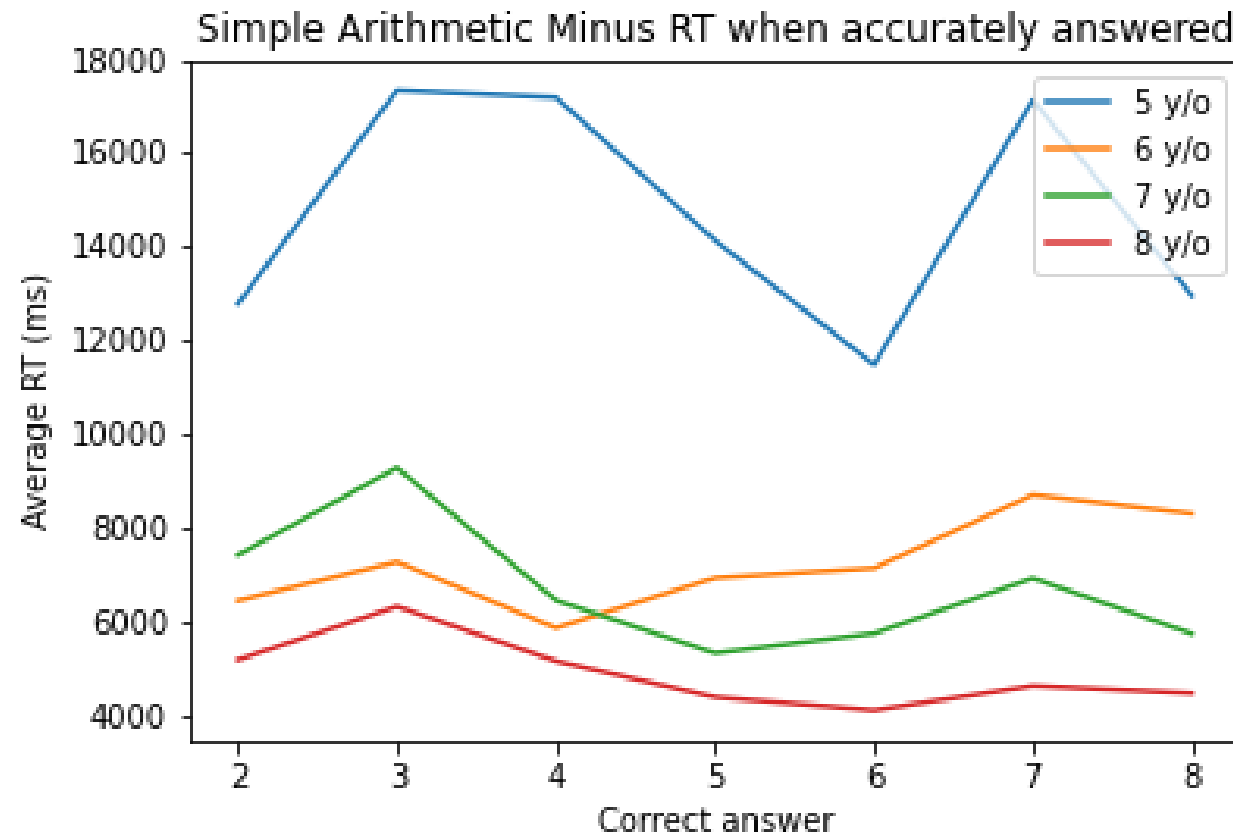
Response Time by correct answer when accurately answered

	5 y/o			6 y/o			7 y/o			8 y/o		
Correct*	N	M	SD	N	M	SD	N	M	SD	N	M	SD
2	14	12779,21	9523,91	80	6444,21	6834,6	39	7417,33	4356,79	58	5179,12	3854,65
3	12	17340,33	22537,41	59	7271,83	7892	41	9280,41	6604,6	44	6317,41	6212,94
4	14	17190,86	10869,44	75	5859,85	4884,8	40	6448,7	5298,1	44	5151,25	3365,23
5	29	14135,9	10941,3	89	6926,96	5548,18	44	5320,3	3118,89	52	4383,83	3000,84
6	21	11485,67	6130,12	81	7137,15	5488,57	36	5742,39	3689,79	59	4104,29	2592,67
7	29	17133,21	9897,75	65	8703,85	6995,85	49	6920,76	5026,55	79	4624,16	2823,97
8	26	12953,54	7067,56	78	8301,44	6270,04	56	5737,5	3777,01	85	4466,95	3336,08
General	155	14524,64	10962,95	632	6828,63	6339,17	350	6879,5	5004,61	488	4800,71	3529,95

* Specific information would be better

Simple Arithmetic Minus

Response Time when accurately answered



Simple Arithmetic Minus

Accuracy by correct answer

	5 y/o		6 y/o		7 y/o		8 y/o	
Correct*	N	Accuracy	N	Accuracy	N	Accuracy	N	Accuracy
2	0,35	0,78	0,85	0,89	0,35	0,78	0,85	0,89
3	0,3	0,76	0,91	0,79	0,3	0,76	0,91	0,79
4	0,45	0,83	1	0,85	0,45	0,83	1	0,85
5	0,6	0,84	0,96	0,88	0,6	0,84	0,96	0,88
6	0,57	0,82	0,9	0,92	0,57	0,82	0,9	0,92
7	0,64	0,79	0,96	0,99	0,64	0,79	0,96	0,99
8	0,6	0,89	0,93	0,9	0,6	0,89	0,93	0,9
General	0,48	0,81	0,92	0,9	0,48	0,81	0,92	0,9

* Specific information would be better

Simple Arithmetic Minus

Accuracy

