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apptimerlog

Intel Atom x6427FE testing on Microsoft Windows 10 Enterprise LTSC Build 17763 via the Phoronix Test Suite.

Automated Executive Summary

2021-01-18 18:56 had the most wins, coming in first place for 76% of the tests.

Based on the geometric mean of all complete results, the fastest (2021-01-19 00:14) was 8.258x the speed of the slowest (2021-04-06 17:54). 2021-01-18 18:56 was 0.966x the speed of 2021-01-19 00:14, 2021-03-21 19:01 was 0.761x the speed of 2021-01-18 18:56, 2021-03-21 22:42 was 0.792x the speed of 2021-03-21 19:01, 2021-01-15 03:04 was 0.963x the speed of 2021-03-21 22:42, 2020-08-28 13:01 was 0.933x the speed of 2021-01-15 03:04, 2020-08-31 07:05 was 0.416x the speed of 2020-08-28 13:01, 2020-08-28 16:58 was 0.904x the speed of 2020-08-31 07:05, 2020-08-31 07:41 was 0.952x the speed of 2020-08-28 16:58, 2021-04-06 17:54 was 0.647x the speed of 2020-08-31 07:41.

The results with the greatest spread from best to worst included:

AppTimer (Time To Launch: Inkscape) at 2.784x
AppTimer (Time To Launch: Google Chrome) at 1x
AppTimer (Time To Launch: 7-Zip) at -1x
AppTimer (Time To Launch: Slack) at -1x
AppTimer (Time To Launch: FileZilla) at -1x

AppTimer (Time To Launch: Notepad++) at -1x
AppTimer (Time To Launch: Qt Creator) at -1x
AppTimer (Time To Launch: Atom Editor) at -1x
AppTimer (Time To Launch: LibreOffice) at -1x
AppTimer (Time To Launch: Blender 2.79) at -1x.

Test Systems:

2020-08-28 13:01

2020-08-28 16:58

2020-08-31 07:05

2020-08-31 07:41

Processor: 11th Gen Intel Core i7-1185GRE @ 2.80GHz (2 Cores), Memory: 4193MB, Disk: 50GB Oracle VirtIO Disk + 30GB Oracle VirtIO Disk, Graphics: Intel UHD ReleaseInternal 1GB, Network: Oracle VirtIO

OS: Microsoft Windows 10 Enterprise LTSC Build 17763, Kernel: 10.0 (x86_64), Display Driver: 26.20.100.7865, File-System: NTFS, Screen Resolution: 1920x1080

Security Notes: __user pointer sanitization: Disabled + IBPB: Always + IBRS: Enabled + STIBP: Enabled

2021-01-15 03:04

Processor: 11th Gen Intel Core i7-1185GRE @ 2.80GHz (2 Cores), Memory: 3070MB, Disk: 50GB Oracle VirtIO Disk + 30GB Oracle VirtIO Disk + 932GB WDC WD10 SPZX-22Z10T1 Disk, Graphics: Intel Iris Xe 1GB, Network: Oracle VirtIO

OS: Microsoft Windows 10 Enterprise LTSC Build 17763, Kernel: 10.0 (x86_64), Display Driver: 27.20.100.8729, File-System: NTFS, Screen Resolution: 1920x1080

Security Notes: __user pointer sanitization: Disabled + IBPB: Always + IBRS: Enabled + STIBP: Enabled

2021-01-18 18:56

2021-01-19 00:14

Processor: 11th Gen Intel Core i7-1185GRE @ 2.80GHz (2 Cores), Memory: 3070MB, Disk: 50GB Oracle VirtIO Disk + 30GB Oracle VirtIO Disk, Graphics: Intel Iris Xe 1GB, Network: Oracle VirtIO

OS: Microsoft Windows 10 Enterprise LTSC Build 17763, Kernel: 10.0 (x86_64), Display Driver: 27.20.100.8729, File-System: NTFS, Screen Resolution: 1920x1080

Security Notes: __user pointer sanitization: Disabled + IBPB: Always + IBRS: Enabled + STIBP: Enabled

2021-03-21 19:01

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2021-03-21 22:42

Processor: 11th Gen Intel Core i7-1185GRE @ 2.80GHz (2 Cores), Memory: 3070MB, Disk: 50GB Oracle VirtIO Disk + 30GB Oracle VirtIO Disk, Graphics: Intel i gfx-driver-user-master-93427 DC 1GB, Network: Oracle VirtIO

OS: Microsoft Windows 10 Enterprise LTSC Build 17763, Kernel: 10.0 (x86_64), Display Driver: 29.20.16.9999, File-System: NTFS, Screen Resolution: 1920x1080

Security Notes: __user pointer sanitization: Disabled + IBPB: Always + IBRS: Enabled + STIBP: Enabled

2021-04-06 17:54

Processor: Intel Atom x6427FE @ 1.88GHz (2 Cores), Memory: 4127MB, Disk: 40GB Oracle VirtIO Disk + 50GB Oracle VirtIO Disk, Graphics: Intel UHD 1GB, Network: Oracle VirtIO

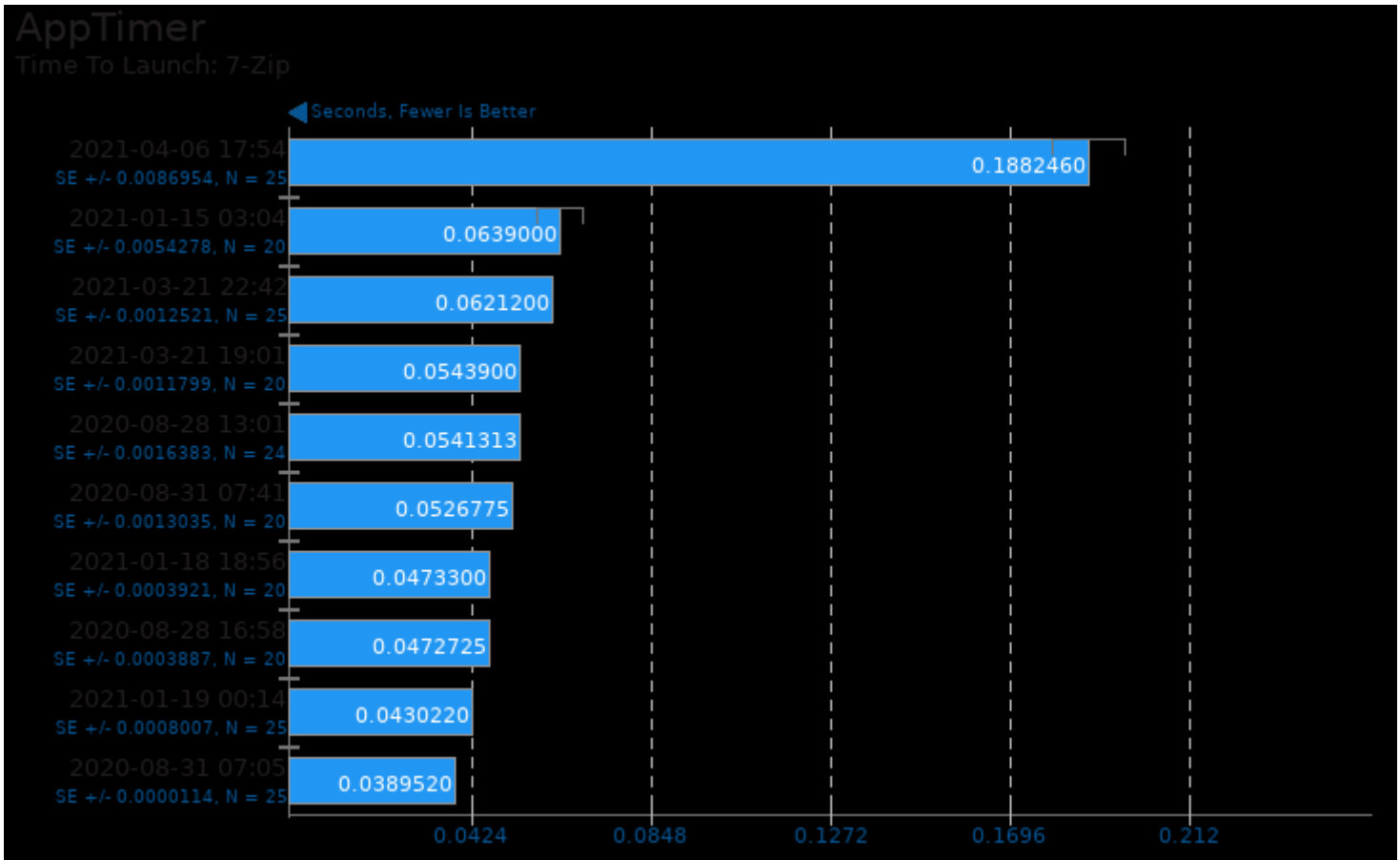
OS: Microsoft Windows 10 Enterprise LTSC Build 17763, Kernel: 10.0 (x86_64), Display Driver: 27.20.100.9079, File-System: NTFS, Screen Resolution: 1920x1080

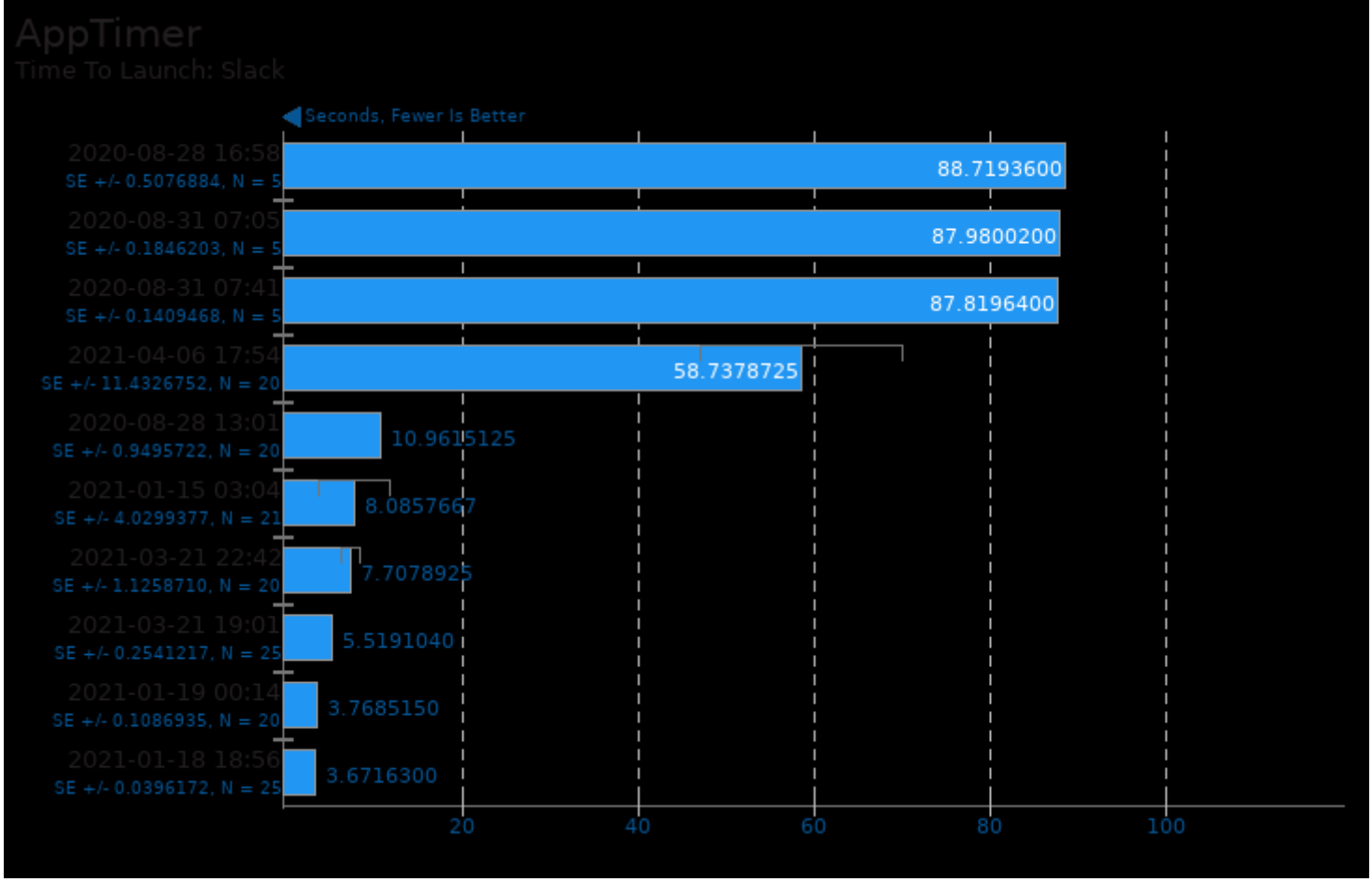
	2020-08-28 13:01	2020-08-28 16:58	2020-08-31 07:05	2020-08-31 07:41	2021-01-15 03:04	2021-01-18 18:56	2021-01-19 00:14	2021-03-21 19:01	2021-03-21 22:42	2021-04-06 17:54
AppTimer - 7-Zip (sec)	0.0541313	0.0472725	**0.0389520**	0.0526775	0.0639000	0.0473300	0.0430220	0.0543900	0.0621200	**0.1882460**
Normalized	71.96%	82.4%	100%	73.94%	60.96%	82.3%	90.54%	71.62%	62.7%	20.69%
Standard Deviation	14.8%	3.7%	0.1%	11.1%	38%	3.7%	9.3%	9.7%	10.1%	23.1%
AppTimer - Slack (sec)	10.9615125	**88.7193600**	87.9800200	87.8196400	8.0857667	**3.6716300**	3.7685150	5.5191040	7.7078925	58.7378725
Normalized	33.5%	4.14%	4.17%	4.18%	45.41%	100%	97.43%	66.53%	47.63%	6.25%
Standard Deviation	38.7%	1.3%	0.5%	0.4%	228.4%	5.4%	12.9%	23%	65.3%	87%
AppTimer - Inkscape (sec)				0.9763680	1.0003500	**0.8092400**	0.8139700	0.8201600	0.8498200	**2.2532480**
Normalized				82.88%	80.9%	100%	99.42%	98.67%	95.22%	35.91%
Standard Deviation				18%	4.8%	0.9%	1.3%	1%	2.1%	8%
AppTimer - FileZilla (sec)				0.0864800		**0.0770700**		0.0897400	0.0855775	**0.2690825**
Normalized				89.12%		100%		85.88%	90.06%	28.64%
Standard Deviation				14.6%		44.7%		33.7%	27.9%	13.1%
AppTimer - Notepad++ (sec)				0.1384525		**0.1092950**		0.1179200	0.1182080	**0.3887220**
Normalized				78.94%		100%		92.69%	92.46%	28.12%
Standard Deviation				33.5%		0.2%		5.2%	5%	10.7%
AppTimer - Qt Creator (sec)				1.0994980		**0.9756180**		1.0183667	1.0025100	**3.5254500**
Normalized				88.73%		100%		95.8%	97.32%	27.67%
Standard Deviation				4%		15.1%		2.8%	2.9%	6.2%
AppTimer - Atom Editor (sec)				0.5846260		**0.5300900**		0.5403571	0.5402600	**2.7289280**
Normalized				90.67%		100%		98.1%	98.12%	19.42%

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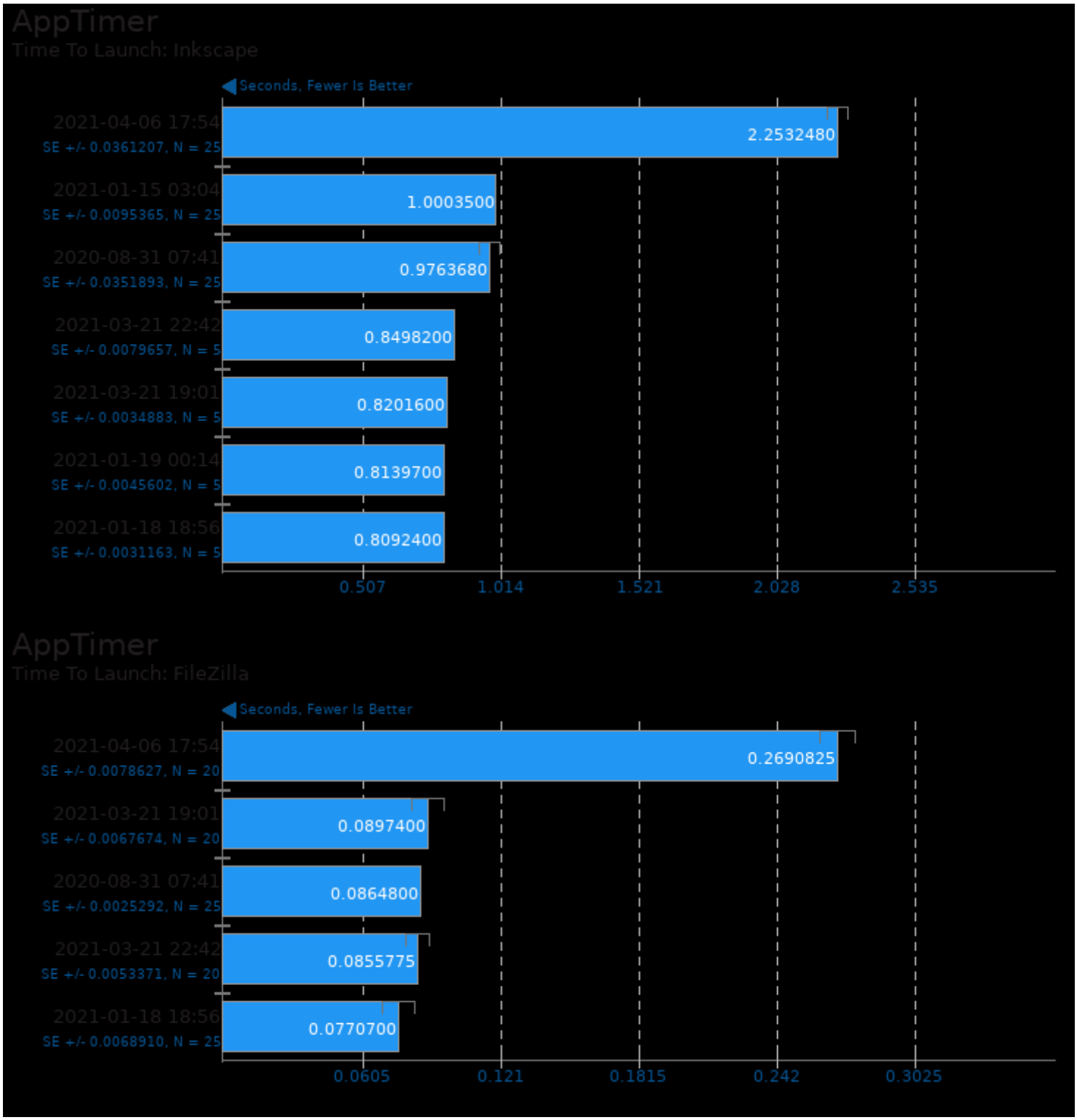
Standard Deviation	4.8%	2.8%	3%	0.7%	220.1%
AppTimer - LibreOffice (sec)	0.417012 0	0.307670 0	0.380790 0	0.374415 0	0.761842 9
Normalized	73.78%	100%	80.8%	82.17%	40.38%
Standard Deviation	25.5%	2.9%	46.8%	32%	3%
AppTimer - Blender 2.79 (sec)	0.015381 7	0.016534 7	0.016572 0	0.015720 0	0.038462 7
Normalized	100%	93.03%	92.82%	97.85%	39.99%
Standard Deviation	12.7%	5.3%	7.3%	2.2%	21.8%
AppTimer - File Explorer (sec)	0.044852 0	0.040338 0	0.046852 4	0.046906 0	0.136544 0
Normalized	89.94%	100%	86.1%	86%	29.54%
Standard Deviation	16.3%	9.4%	19%	8.5%	12%
AppTimer - Google Chrome (sec)	0.146994 0			0.130204 0	0.456484 0
Normalized	88.58%			100%	28.52%
Standard Deviation	11.6%			14.3%	14.4%
AppTimer - Mozilla Firefox (sec)	0.179254 0	0.190575 0	0.182202 0	0.173490 0	0.608648 0
Normalized	96.78%	91.04%	95.22%	100%	28.5%
Standard Deviation	7.3%	13.6%	16.1%	2%	7.7%
AppTimer - VLC Media Player (sec)	0.141582 0	0.128940 0	0.135678 0	0.140850 0	0.553540 0
Normalized	91.07%	100%	95.03%	91.54%	23.29%
Standard Deviation	4.1%	2.5%	5.8%	8.6%	17.7%
AppTimer - Dia Digram Editor (sec)	0.015960 0	0.016933 3	0.017605 0	0.017510 7	0.037706 7
Normalized	100%	94.25%	90.66%	91.14%	42.33%
Standard Deviation	5.3%	8%	30.5%	8.9%	20.5%
AppTimer - Visual Studio Code (sec)	0.994087 2	0.903826 6	0.973546 0	0.960226 6	2.504772 8
Normalized	90.92%	100%	92.84%	94.13%	36.08%
Standard Deviation	2.2%	1.4%	2.1%	1.5%	10.6%
AppTimer - Windows	0.072402 0	0.064602 5	0.065108 0	0.073610 0	0.229024 0
Normalized	89.23%	100%	99.22%	87.76%	28.21%
Standard Deviation	10.2%	8.7%	5.4%	24.4%	10.3%
AppTimer - S.V.E (sec)	1.007960 0	0.924930 0	0.959310 0	0.966110 0	2.269828 0
Normalized	91.76%	100%	96.42%	95.74%	40.75%
Standard Deviation	2.9%	0.6%	0.6%	2.4%	6.6%
AppTimer - P.A.S (sec)	0.364142 0	0.323400 0	0.329690 0	0.343850 0	1.149112 0
Normalized	88.81%	100%	98.09%	94.05%	28.14%
Standard Deviation	6.8%	1.3%	1.9%	2.4%	5.6%
AppTimer - O.B.S (sec)		1.503255 7	0.547785 1	0.536609 3	3.499049 5
Normalized		35.7%	97.96%	100%	15.34%
Standard Deviation		226.1%	5.7%	3.3%	10.9%
AppTimer - Google Chrome (sec)			0.078033 3		

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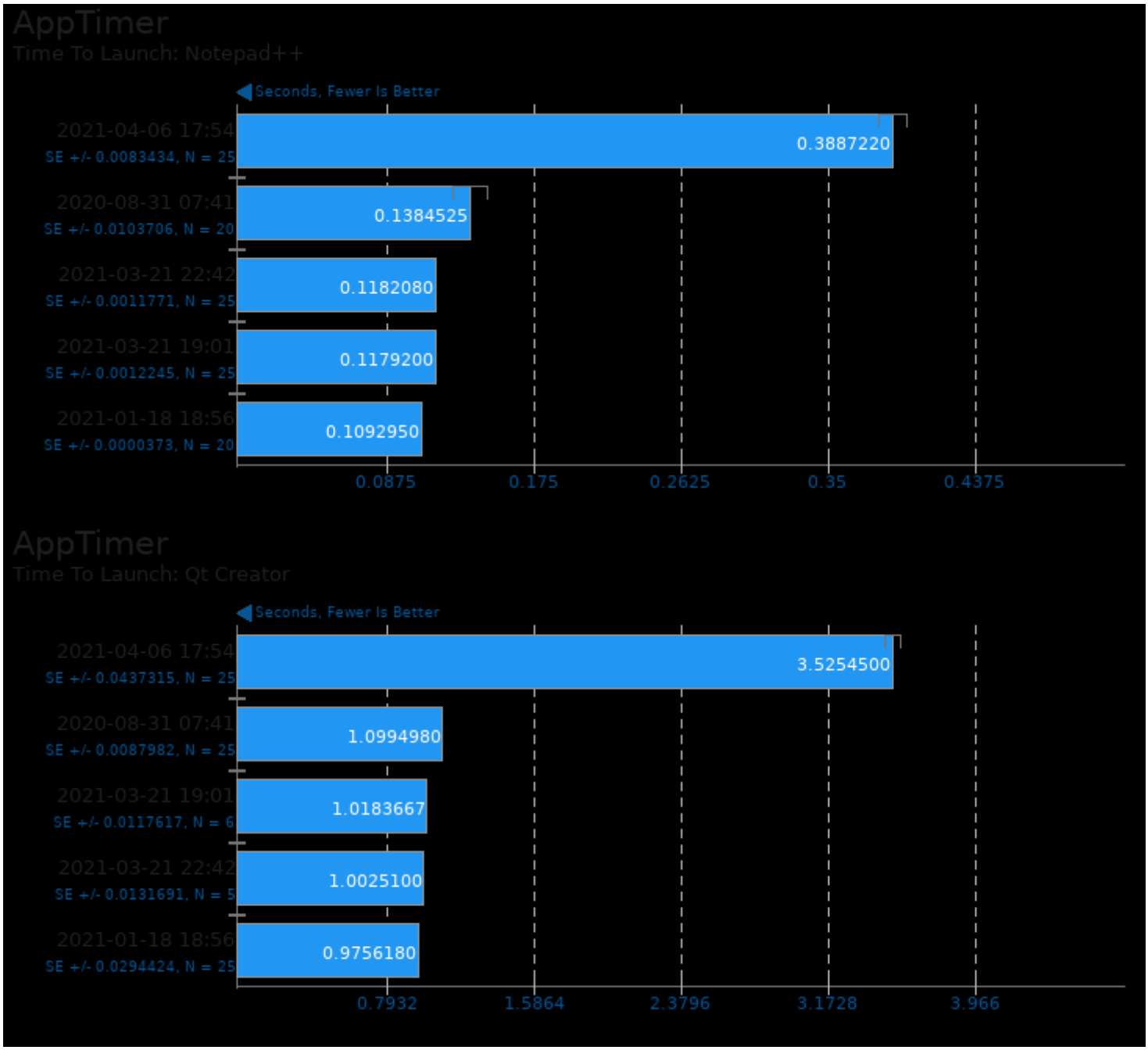




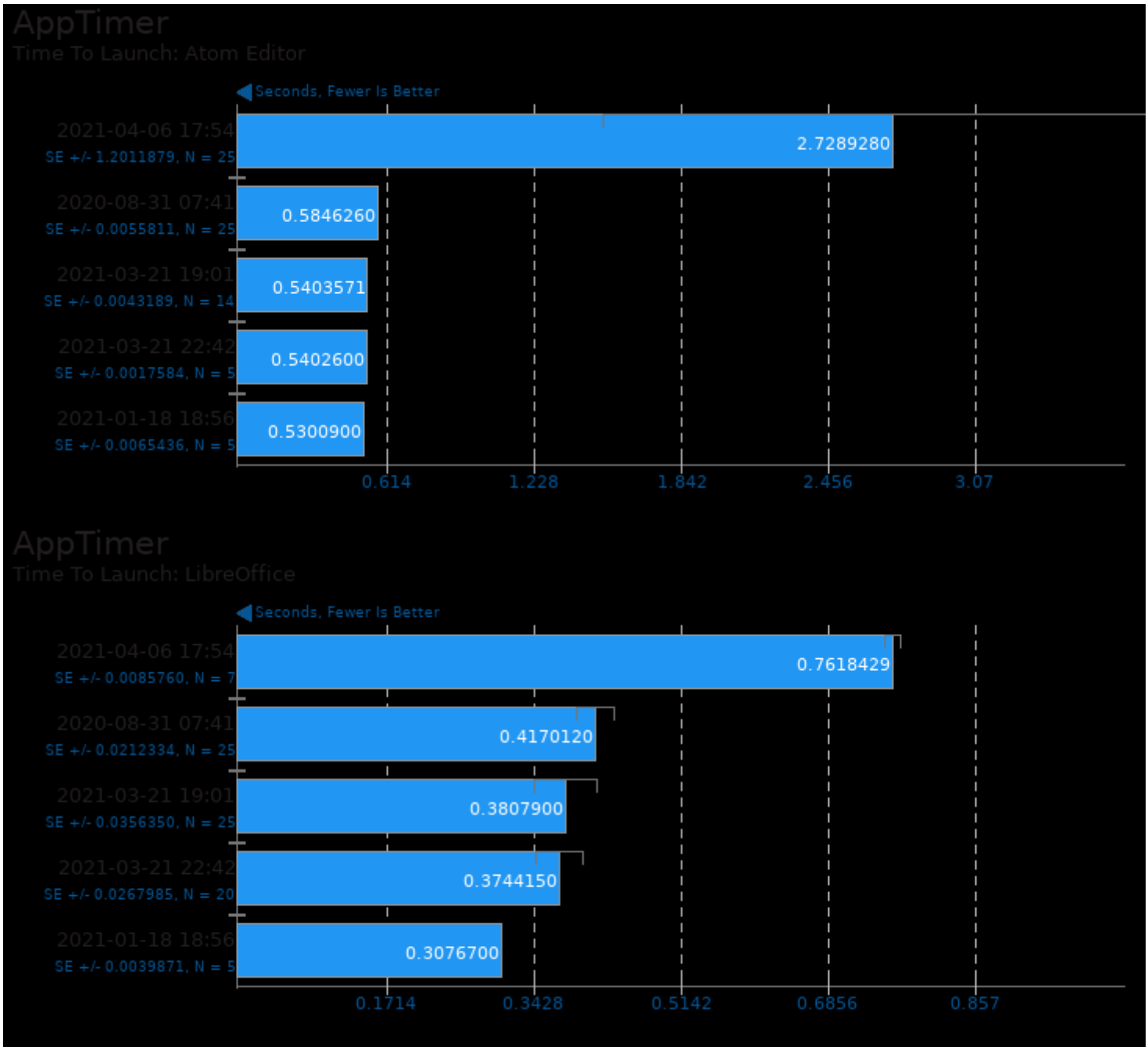
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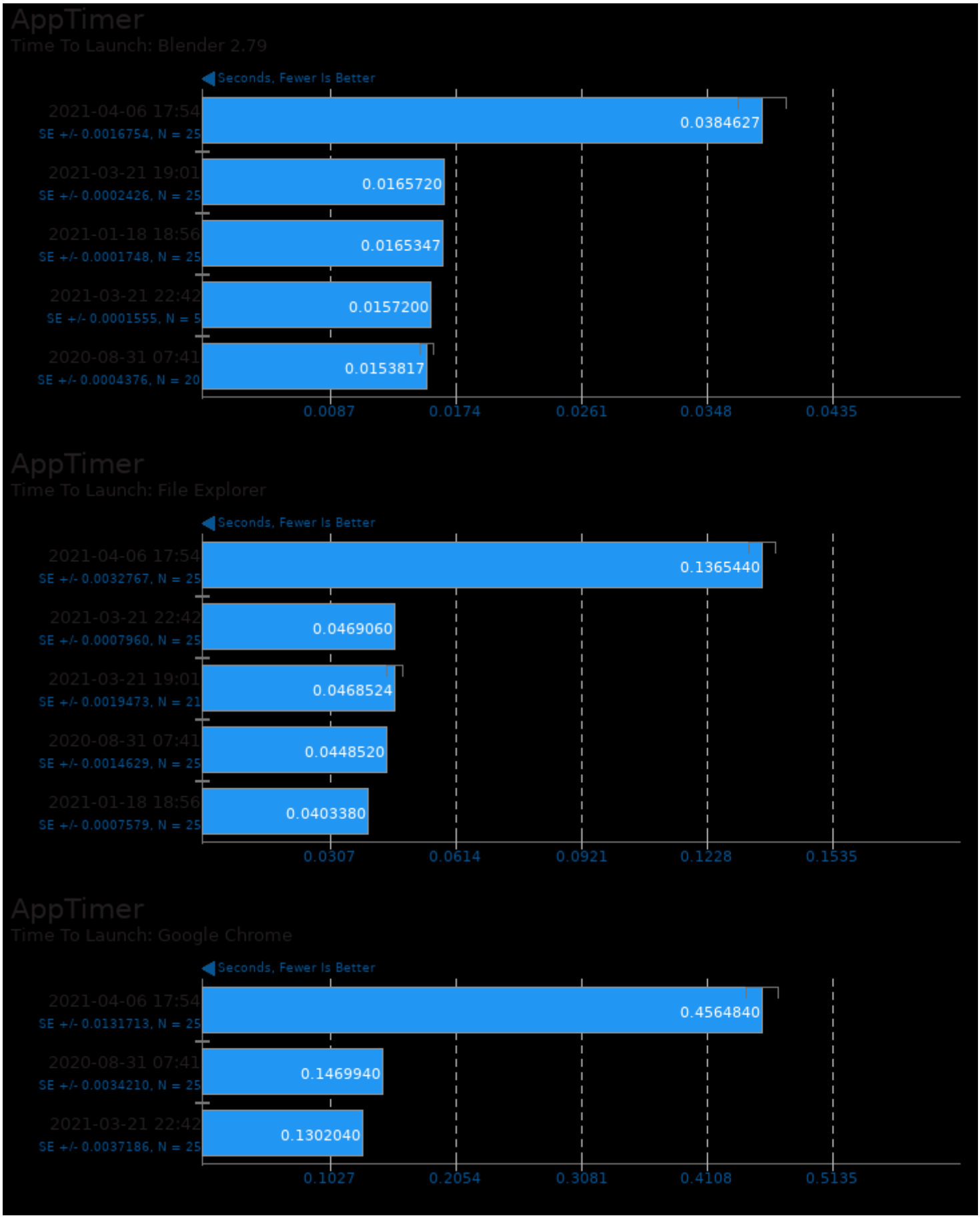
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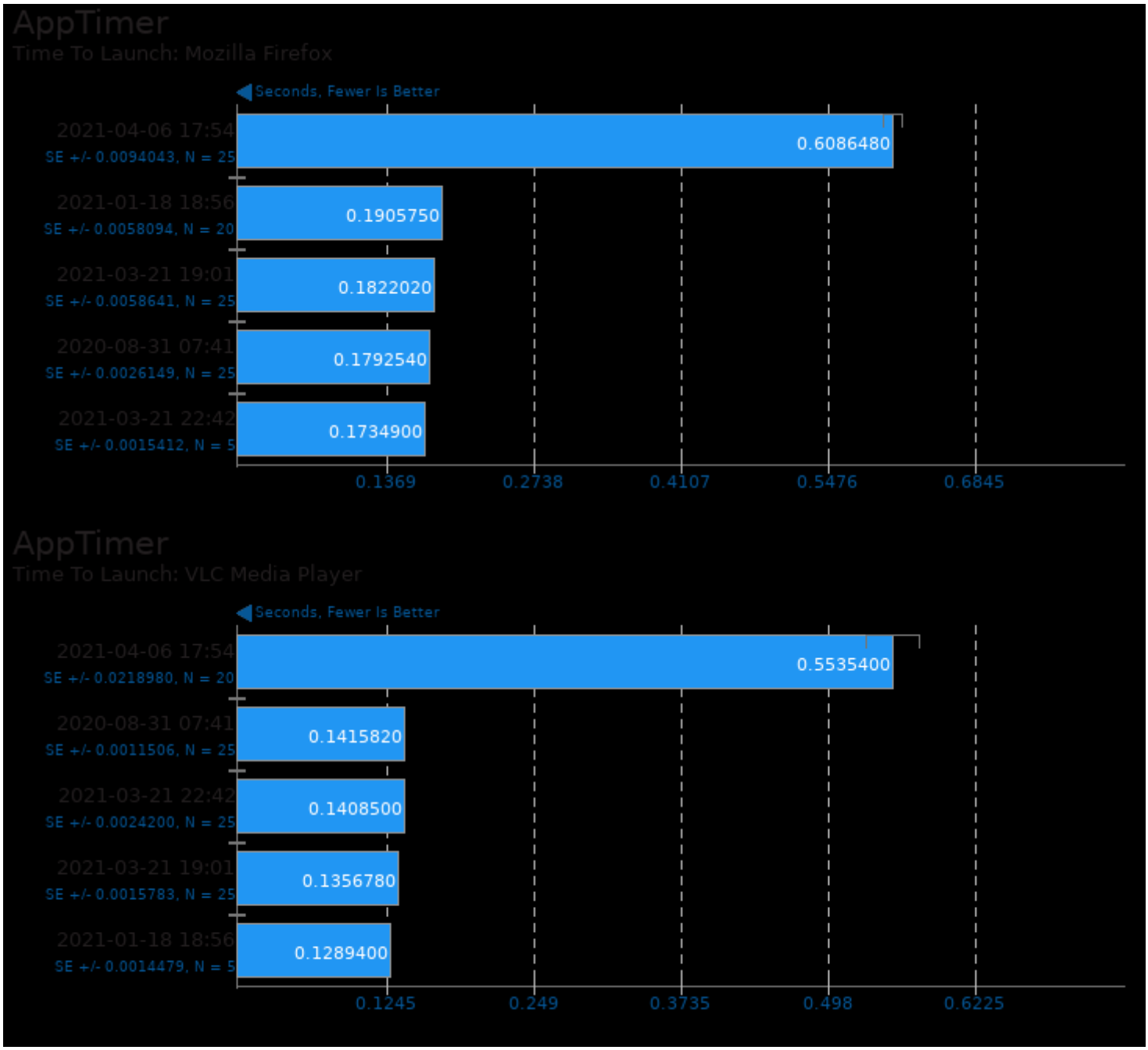
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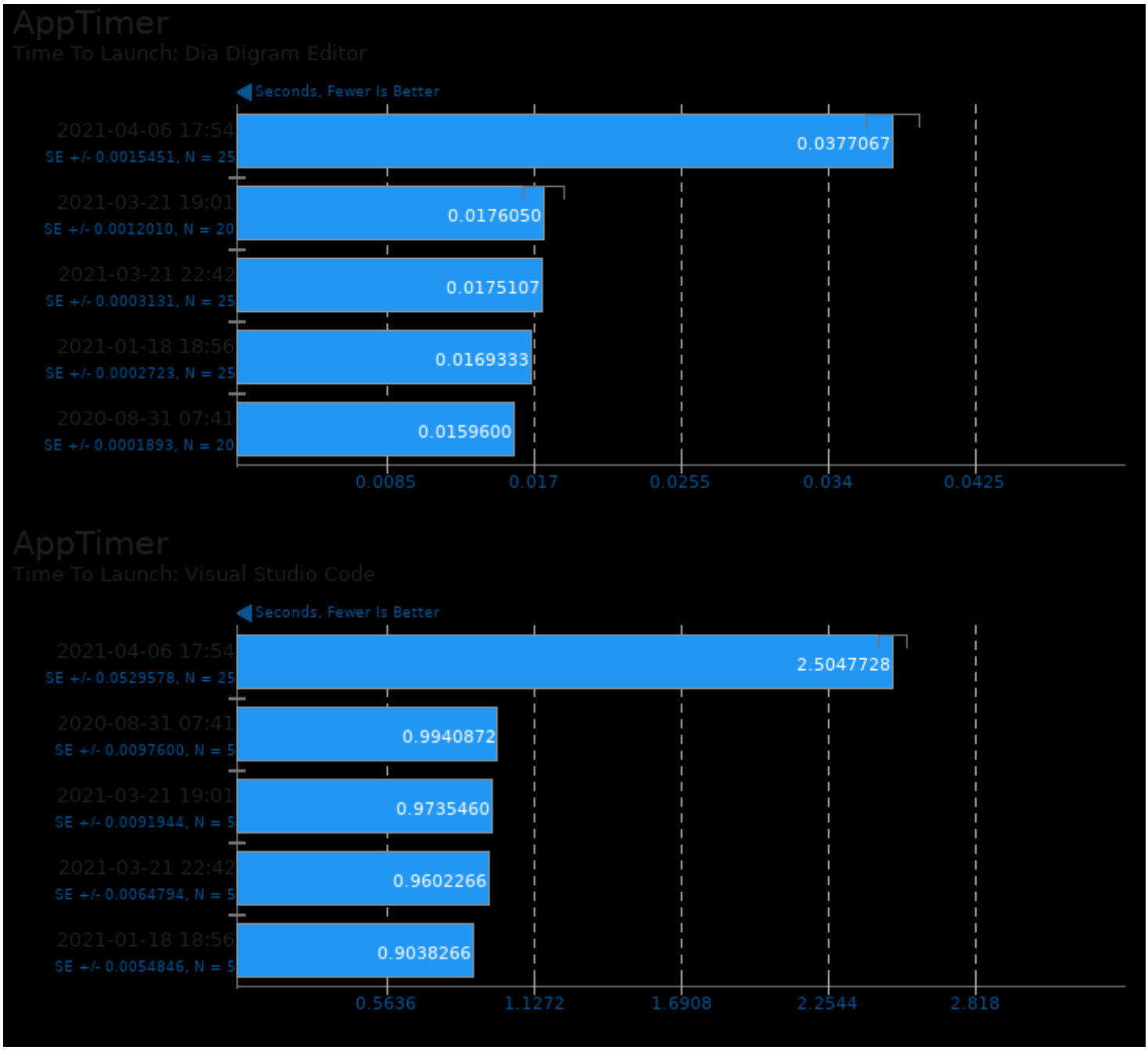
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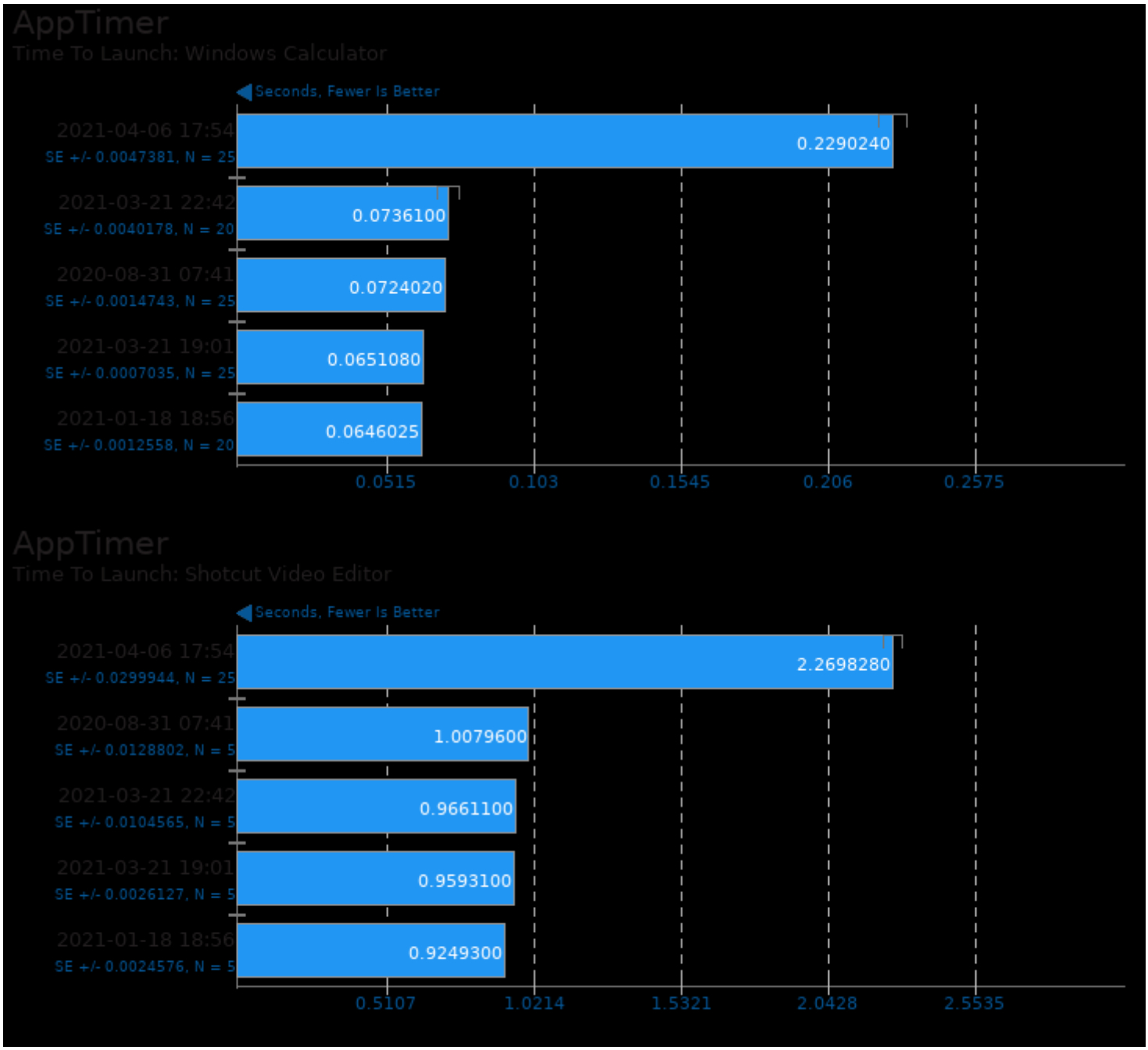
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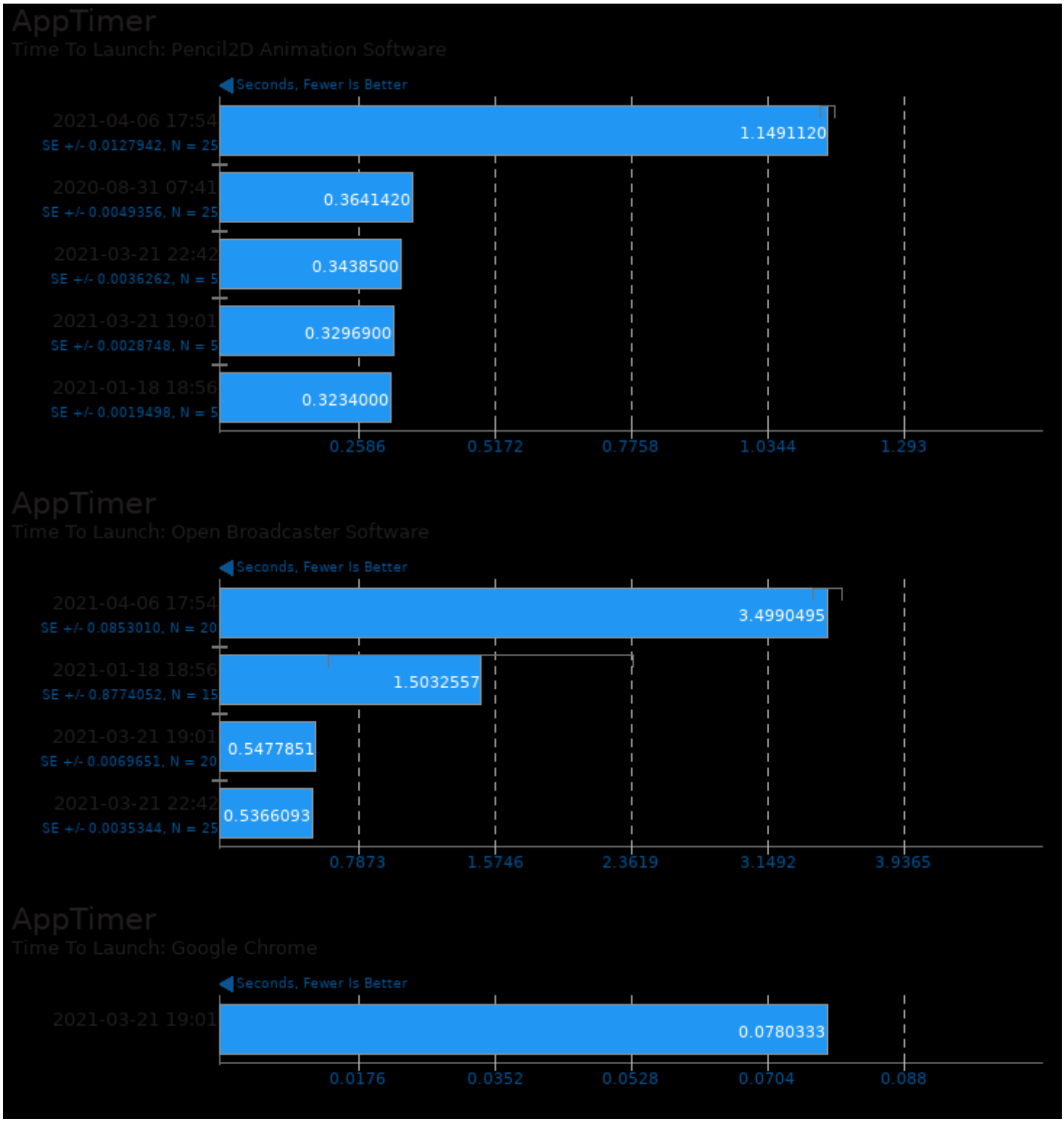
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