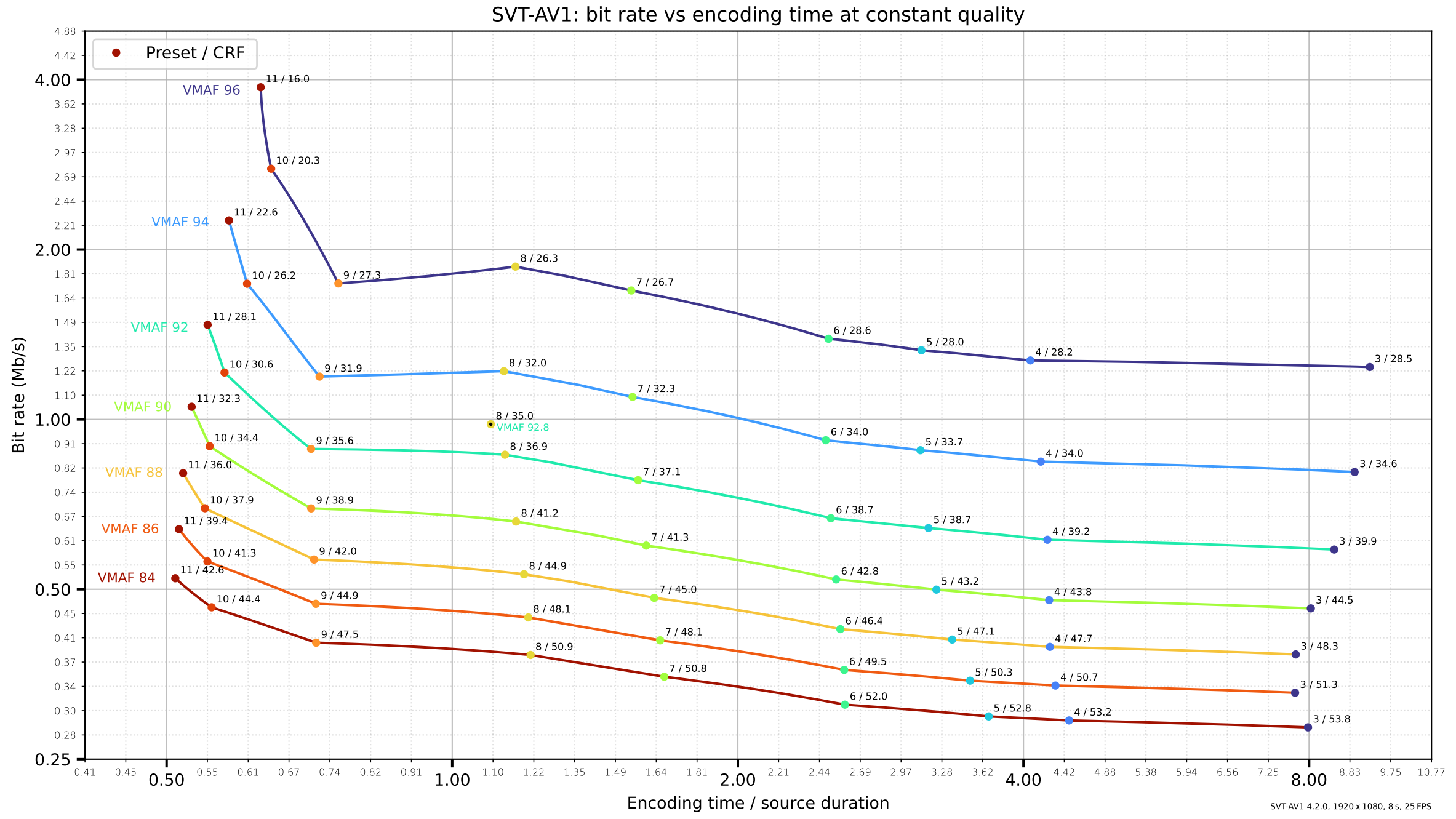
SVT-AV1: bit rate vs encoding time at constant quality
Preset / CRF
VMAF 96
VMAF 94
VMAF 92
VMAF 90
VMAF 88
VMAF 86
VMAF 84
VMAF 92.8
11 / 16.0
10 / 20.3
9 / 27.3
8 / 26.3
7 / 26.7
6 / 28.6
5 / 28.0
4 / 28.2
3 / 28.5
11 / 22.6
10 / 26.2
9 / 31.9
8 / 32.0
7 / 32.3
6 / 34.0
5 / 33.7
4 / 34.0
3 / 34.6
11 / 28.1
10 / 30.6
9 / 35.6
8 / 35.0
8 / 36.9
7 / 37.1
6 / 38.7
5 / 38.7
4 / 39.2
3 / 39.9
11 / 32.3
10 / 34.4
9 / 38.9
8 / 41.2
7 / 41.3
6 / 42.8
5 / 43.2
4 / 43.8
3 / 44.5
11 / 36.0
10 / 37.9
9 / 42.0
8 / 44.9
7 / 45.0
6 / 46.4
5 / 47.1
4 / 47.7
3 / 48.3
11 / 39.4
10 / 41.3
9 / 44.9
8 / 48.1
7 / 48.1
6 / 49.5
5 / 50.3
4 / 50.7
3 / 51.3
11 / 42.6
10 / 44.4
9 / 47.5
8 / 50.9
7 / 50.8
6 / 52.0
5 / 52.8
4 / 53.2
3 / 53.8
Bit rate (Mb/s)
Encoding time / source duration
SVT-AV1 4.2.0, 1920 x 1080, 8 s, 25 FPS