Single-Axis Data

Filename	Input Size	Heatshrink	GZIP	ZSTD	LZ4	FLAC	DHC	LZ77
TX-01338_8266_1673371909.raw	65536	69969 (ratio 0.94)	50655 (ratio 1.29)	50656 (ratio 1.29)	65792 (ratio 1.00)	73912 (ratio 0.88)	62152 (ratio 1.05)	88105 (ratio 0.74)
TX-01052_5716_1677760203.raw	65536	23610 (ratio 2.78)	7821 (ratio 8.38)	8692 (ratio 7.54)	20205 (ratio 3.24)	60930 (ratio 1.075)	7152 (ratio 9.16)	18600 (ratio 3.52)
TX-01140_6482_1673395208.raw	25600	22101 (ratio 1.16)	14860 (ratio 1.72)	15035 (ratio 1.70)	23376 (ratio 1.10)	33940 (ratio 0.75)	13357 (ratio 1.92)	29840 (ratio 0.86)
TX-01140_6484_1673395270.raw	8000	6381 Ratio (1.25)	4092 (ratio 1.96)	4195 (ratio 1.91)	6502 (ratio 1.23)	16315 (ratio 0.49)	3213 (ratio 2.49)	8445 (ratio 0.95)
TX-01333_8209_1673371806.raw	65536	62825 (ratio 1.04)	42174 (ratio 1.55)	42518 (ratio 1.54)	64798 (ratio 1.01)	73912 (ratio 0.89)	39710 (ratio 1.65)	81640 (ratio 0.80)
TX-01333_8210_1673371840.raw	65536	68002 (ratio 0.96)	47742 (ratio 1.37)	47743 (ratio 1.37)	65792 (ratio 1.00)	73912 (ratio 0.89)	49043 (ratio 1.34)	83995 (ratio 0.78)
TX-01333_8212_1673371662.raw	65536	11073 (ratio 5.92)	9217 (ratio 7.11)	11108 (ratio 5.90)	32728 (ratio 2.00)	17425 (ratio 3.76)	8669 (ratio 7.56)	16450 (ratio 3.98)
TX-01333_8213_1673371940.raw	65536	31244 (ratio 2.10)	17977 (ratio 3.65)	19100 (ratio 3.43)	43191 (ratio 1.52)	71371 (ratio 0.92)	14304 (ratio 4.58)	35610 (ratio 1.84)
TX-01338_8265_1673371876.raw	65536	58668 (ratio 1.12)	38617 (ratio 1.70)	39539 (ratio 1.66)	61217 (ratio 1.07)	73912 (ratio 0.89)	36197 (ratio 1.81)	78035 (ratio 0.84)

Three-Axis Data

Presented as <output size> ; <compression ratio>

Filename	Input Size (bytes)	Heatshrink	GZIP	ZSTD	LZ4
VM4P-00018-1734523888880_ch1.raw	35714	33122; 1.08	23141; 1.54	24487; 1.46	32237; 1.11
VM4P-00018-1734523888880_ch2.raw	35714	33177; 1.08	23145; 1.54	24523; 1.46	32171; 1.11
VM4P-00018-1734523888880_ch3.raw	35712	33145; 1.08	23122; 1.54	24488; 1.46	32165; 1.11
VM4P-00018-1734523900321_ch1.raw	4134	4236; 0.98	3072; 1.35	3103; 1.33	4139; 1.00
VM4P-00018-1734523900321_ch2.raw	4134	4215; 0.98	3061; 1.35	3088; 1.34	4110; 1.01
VM4P-00018-1734523900321_ch3.raw	4132	4229; 0.98	3059; 1.35	3083; 1.34	4123; 1.00
VM4P-00018-1734524409286_ch1.raw	154	116; 1.33	127; 1.21	123; 1.25	133; 1.16
VM4P-00018-1734524409286_ch2.raw	152	126; 1.21	130; 1.17	123; 1.24	142; 1.07
VM4P-00018-1734524409286_ch3.raw	152	121; 1.26	131; 1.16	121; 1.26	129; 1.18
VM4P-00018-1735459535129_ch1.raw	35714	33339; 1.07	23357; 1.53	24626; 1.45	32510; 1.10
VM4P-00018-1	35714	33283;	23355;	24797;	32555;

735459535129 _ch2.raw		1.07	1.53	1.44	1.10
VM4P-00018-1 735459535129 _ch3.raw	35712	33316; 1.07	23356; 1.53	24712; 1.45	32565; 1.10
VM4P-00077-1 739063183645 _ch1.raw	35710	28088; 1.27	18517; 1.93	19343; 1.85	28477; 1.25
VM4P-00077-1 739063183645 _ch2.raw	35710	28124; 1.27	18528; 1.93	19357; 1.84	28521; 1.25
VM4P-00077-1 739063183645 _ch3.raw	35708	28101; 1.27	18523; 1.93	19339; 1.85	28523; 1.25

Filename	Input Size (bytes)	Heatshrink	GZIP	ZSTD	LZ4
data0_ch1.raw	26668	20522; 1.3	14290; 1.87	13779; 1.94	20830; 1.28
data0_ch2.raw	26668	21026; 1.27	15205; 1.75	14776; 1.80	22031; 1.21
data0_ch3.raw	26668	20636; 1.29	14495; 1.84	14022; 1.90	21064; 1.27
data1_ch1.raw	26668	17606; 1.51	10810; 2.47	10777; 2.47	19491; 1.37
data1_ch2.raw	26668	19435; 1.37	12274; 2.17	11819; 2.26	19781; 1.35
data1_ch3.raw	26668	18085; 1.47	11114; 2.40	10981; 2.43	19511; 1.37
data2_ch1.raw	2988	2310; 1.29	1655; 1.81	1683; 1.78	2727; 1.10
data2_ch2.raw	2986	2294; 1.30	1654; 1.81	1679; 1.78	2750; 1.09
data2_ch3.raw	2986	2302;	1652;	1672;	2760;

		1.30	1.81	1.79	1.08
data3_ch1.raw	17826	13994; 1.27	9248; 1.93	9889; 1.80	14118; 1.26
data3_ch2.raw	17826	14051; 1.27	9256; 1.93	9910; 1.80	14172; 1.26
data3_ch3.raw	17826	13988; 1.27	9186; 1.94	9855; 1.81	14074; 1.27