

Date,Time,"Virtueller Speicher zugewiesen [MB]","Virtueller Speicher verfügbar [MB]","Auslastung d

29.10.2024,22:11:13.052,10044,24697,28.9,8283,24410,25.3,1.2,1.013,1.013,1.013,1.013,1.013,1.0

29.10.2024,22:11:15.049,10052,24689,28.9,8283,24411,25.3,1.2,1.044,1.262,1.013,1.013,1.013,1.0

29.10.2024,22:11:17.071,10050,24691,28.9,8282,24411,25.3,1.2,1.338,1.337,1.337,1.337,1.337,1.3

29.10.2024,22:11:19.111,10122,24619,29.1,8310,24383,25.4,1.2,1.338,1.337,1.337,1.337,1.337,1.3

29.10.2024,22:11:21.056,10120,24621,29.1,8319,24374,25.4,1.2,1.013,1.019,1.013,1.013,1.013,1.0

29.10.2024,22:11:23.054,10101,24640,29.0,8321,24372,25.4,1.2,1.365,1.369,1.369,1.369,1.363,1.3

29.10.2024,22:11:25.056,10252,24490,29.5,8360,24333,25.5,1.2,1.013,1.013,1.013,1.013,1.013,1.0

29.10.2024,22:11:27.064,10336,24405,29.7,8432,24261,25.7,1.2,1.371,1.369,1.375,1.375,1.375,1.3

29.10.2024,22:11:29.049,10457,24284,30.0,8567,24126,26.2,1.2,1.350,1.350,1.350,1.350,1.350,1.3

29.10.2024,22:11:31.056,10509,24232,30.2,8568,24125,26.2,1.2,1.013,1.013,1.013,1.013,1.013,1.0

29.10.2024,22:11:33.053,10540,24201,30.3,8591,24102,26.2,1.2,1.013,1.013,1.013,1.013,1.013,1.0

29.10.2024,22:11:35.051,10514,24227,30.2,8572,24121,26.2,1.2,1.013,1.013,1.013,1.013,1.013,1.0

29.10.2024,22:11:37.061,10492,24249,30.2,8576,24118,26.2,1.2,1.325,1.325,1.325,1.325,1.325,1.3

29.10.2024,22:11:39.054,10508,24233,30.2,8566,24127,26.2,1.2,1.350,1.350,1.350,1.350,1.350,1.3

29.10.2024,22:11:41.051,10500,24241,30.2,8568,24125,26.2,1.2,1.363,1.363,1.363,1.363,1.363,1.3

29.10.2024,22:11:43.056,10561,24180,30.4,8620,24073,26.3,1.2,1.338,1.337,1.337,1.337,1.337,1.3

29.10.2024,22:11:45.056,10589,24152,30.4,8654,24039,26.4,1.2,1.351,1.356,1.350,1.350,1.350,1.3

29.10.2024,22:11:47.049,10597,24144,30.5,8649,24044,26.4,1.2,1.216,1.019,1.019,1.281,1.281,1.2

29.10.2024,22:11:49.052,10635,24106,30.6,8697,23996,26.6,1.2,1.340,1.312,1.344,1.344,1.344,1.3

29.10.2024,22:11:51.051,11823,22918,34.0,8740,23953,26.7,1.2,1.286,1.262,1.262,1.262,1.300,1.3

29.10.2024,22:11:53.053,12510,22231,36.0,8926,23767,27.3,1.2,1.351,1.356,1.350,1.350,1.350,1.3

29.10.2024,22:11:55.064,13288,21453,38.2,9714,22979,29.7,1.2,1.332,1.331,1.331,1.331,1.331,1.3

29.10.2024,22:11:57.057,13306,21435,38.3,9551,23142,29.2,1.2,1.334,1.356,1.331,1.331,1.331,1.3

29.10.2024,22:11:59.055,13734,21007,39.5,9804,22889,29.9,1.2,1.376,1.344,1.344,1.363,1.387,1.3

29.10.2024,22:12:1.059,14645,20096,42.1,10195,22498,31.1,1.2,1.047,1.288,1.013,1.013,1.013,1.0

29.10.2024,22:12:3.058,14791,19950,42.5,10271,22423,31.4,1.2,1.330,1.325,1.325,1.325,1.325,1.3

29.10.2024,22:12:5.062,14894,19847,42.8,10351,22342,31.6,1.2,1.365,1.369,1.369,1.369,1.363,1.3

29.10.2024,22:12:7.061,15151,19590,43.6,10550,22143,32.2,1.2,1.375,1.375,1.375,1.375,1.375,1.3

29.10.2024,22:12:9.057,15045,19696,43.3,10512,22181,32.1,1.2,1.288,1.288,1.288,1.288,1.288,1.2

29.10.2024,22:12:11.061,14992,19749,43.1,10474,22219,32.0,1.2,1.275,1.275,1.275,1.275,1.275,1.

29.10.2024,22:12:13.055,14983,19758,43.1,10469,22224,32.0,1.2,1.264,1.013,1.300,1.300,1.300,1.

29.10.2024,22:12:15.054,14957,19784,43.0,10447,22246,31.9,1.2,1.249,1.013,1.275,1.256,1.256,1.

29.10.2024,22:12:17.051,14947,19794,43.0,10425,22268,31.8,1.2,1.326,1.294,1.325,1.331,1.331,1.

29.10.2024,22:12:19.048,14977,19764,43.1,10467,22226,32.0,1.2,1.287,1.288,1.288,1.288,1.288,1.

29.10.2024,22:12:21.061,14960,19782,43.0,10457,22236,31.9,1.2,1.292,1.281,1.294,1.294,1.294,1.

29.10.2024,22:12:23.058,14925,19816,42.9,10424,22269,31.8,1.2,1.013,1.013,1.013,1.013,1.013,1.

29.10.2024,22:12:25.056,14919,19822,42.9,10417,22276,31.8,1.2,1.013,1.013,1.013,1.013,1.013,1.

29.10.2024,22:12:27.054,14943,19798,43.0,10446,22247,31.9,1.2,1.256,1.256,1.256,1.256,1.256,1.

29.10.2024,22:12:29.052,14927,19814,42.9,10441,22252,31.9,1.2,1.279,1.262,1.281,1.281,1.281,1.

29.10.2024,22:12:31.052,14902,19839,42.8,10412,22281,31.8,1.2,1.262,1.262,1.262,1.262,1.262,1.

29.10.2024,22:12:33.051,14903,19838,42.8,10554,22139,32.2,1.2,1.357,1.369,1.369,1.369,1.369,1.

29.10.2024,22:12:35.049,14922,19819,42.9,10668,22025,32.6,1.2,1.268,1.306,1.262,1.262,1.262,1.

29.10.2024,22:12:37.060,15302,19439,44.0,10794,21899,33.0,1.2,1.297,1.269,1.269,1.269,1.269,1.

29.10.2024,22:12:39.062,15308,19433,44.0,10855,21838,33.2,1.2,1.350,1.350,1.350,1.350,1.350,1.

29.10.2024,22:12:41.057,15268,19473,43.9,10859,21834,33.2,1.2,1.355,1.350,1.350,1.350,1.350,1.

29.10.2024,22:12:43.053,15318,19423,44.0,10929,21764,33.4,1.2,1.351,1.337,1.350,1.350,1.350,1.

29.10.2024,22:12:45.061,15557,19184,44.7,11076,21617,33.8,1.2,1.363,1.369,1.356,1.356,1.369,1.

29.10.2024,22:12:47.054,16157,18584,46.5,11399,21294,34.8,1.2,1.287,1.288,1.288,1.288,1.288,1.

29.10.2024,22:12:49.050,16782,17959,48.3,11615,21078,35.5,1.2,1.344,1.344,1.344,1.344,1.344,1.

29.10.2024,22:12:51.062,16883,17858,48.5,11693,21000,35.7,1.2,1.274,1.312,1.269,1.269,1.269,1.
29.10.2024,22:12:53.058,16913,17828,48.6,11727,20966,35.8,1.2,1.044,1.262,1.013,1.013,1.013,1.
29.10.2024,22:12:55.055,16920,17821,48.7,11733,20960,35.8,1.2,1.262,1.262,1.262,1.262,1.262,1.
29.10.2024,22:12:57.064,16974,17767,48.8,11777,20916,36.0,1.2,1.044,1.262,1.013,1.013,1.013,1.
29.10.2024,22:12:59.055,16939,17802,48.7,11756,20937,35.9,1.2,1.011,1.006,1.006,1.006,1.006,1.
29.10.2024,22:13:1.057,16905,17836,48.6,11734,20959,35.8,1.2,1.355,1.356,1.356,1.356,1.356,1.3
29.10.2024,22:13:3.069,16932,17809,48.7,11834,20859,36.1,1.2,1.300,1.300,1.300,1.300,1.300,1.3
29.10.2024,22:13:5.074,16932,17809,48.7,11844,20849,36.2,1.2,1.018,1.013,1.019,1.019,1.019,1.0
29.10.2024,22:13:7.075,16899,17842,48.6,11871,20822,36.3,1.2,1.306,1.306,1.306,1.306,1.306,1.3
29.10.2024,22:13:9.068,16894,17847,48.6,11906,20787,36.4,1.2,1.286,1.319,1.319,1.275,1.275,1.2
29.10.2024,22:13:11.075,16879,17862,48.5,11902,20791,36.4,1.2,1.303,1.281,1.306,1.306,1.306,1.
29.10.2024,22:13:13.075,16847,17894,48.4,11867,20826,36.2,1.2,1.268,1.262,1.262,1.262,1.262,1.
29.10.2024,22:13:15.068,16926,17815,48.7,11885,20808,36.3,1.2,1.219,1.288,1.288,1.288,1.288,1.
29.10.2024,22:13:17.072,16933,17808,48.7,11884,20809,36.3,1.2,1.281,1.262,1.262,1.262,1.262,1.
29.10.2024,22:13:19.066,17205,17536,49.5,11884,20809,36.3,1.2,1.262,1.262,1.262,1.262,1.262,1.
29.10.2024,22:13:21.072,17216,17526,49.5,11881,20812,36.3,1.2,1.291,1.312,1.288,1.288,1.288,1.
29.10.2024,22:13:23.078,17253,17488,49.6,11915,20778,36.4,1.2,1.306,1.306,1.306,1.306,1.306,1.
29.10.2024,22:13:25.084,17261,17480,49.6,11919,20774,36.4,1.2,1.016,1.019,1.019,1.019,1.019,1.
29.10.2024,22:13:27.089,17230,17511,49.5,11896,20797,36.3,1.2,1.084,1.300,1.300,1.013,1.013,1.
29.10.2024,22:13:29.083,17226,17515,49.5,11902,20791,36.4,1.2,1.144,1.013,1.013,1.013,1.013,1.
29.10.2024,22:13:31.082,17218,17523,49.5,11893,20800,36.3,1.2,1.276,1.281,1.275,1.275,1.275,1.
29.10.2024,22:13:33.085,17218,17523,49.5,11897,20796,36.3,1.2,1.314,1.325,1.312,1.312,1.312,1.
29.10.2024,22:13:35.081,17215,17526,49.5,11892,20801,36.3,1.2,1.047,1.288,1.013,1.013,1.013,1.
29.10.2024,22:13:37.089,17274,17467,49.7,11919,20774,36.4,1.2,1.303,1.312,1.294,1.294,1.294,1.
29.10.2024,22:13:39.094,17275,17466,49.7,11924,20769,36.4,1.2,1.298,1.306,1.306,1.306,1.306,1.
29.10.2024,22:13:41.082,17657,17084,50.8,12170,20523,37.2,1.2,1.362,1.356,1.363,1.363,1.363,1.
29.10.2024,22:13:43.095,17964,16777,51.7,12344,20349,37.7,1.2,1.287,1.288,1.288,1.288,1.288,1.
29.10.2024,22:13:45.085,17976,16765,51.7,12359,20334,37.8,1.2,1.320,1.306,1.306,1.306,1.306,1.
29.10.2024,22:13:47.080,17968,16773,51.7,12336,20357,37.7,1.2,1.331,1.331,1.331,1.331,1.331,1.
29.10.2024,22:13:49.082,17984,16757,51.7,12359,20334,37.8,1.2,1.326,1.331,1.325,1.325,1.325,1.
29.10.2024,22:13:51.083,17987,16754,51.7,12362,20331,37.8,1.2,1.327,1.319,1.325,1.325,1.325,1.
29.10.2024,22:13:53.085,17996,16745,51.8,12363,20330,37.8,1.2,1.315,1.337,1.306,1.312,1.312,1.
29.10.2024,22:13:55.095,18007,16735,51.8,12374,20319,37.8,1.2,1.275,1.275,1.275,1.275,1.275,1.
29.10.2024,22:13:57.106,18014,16727,51.8,12381,20312,37.8,1.2,1.319,1.319,1.319,1.319,1.319,1.
29.10.2024,22:13:59.110,18018,16723,51.8,12386,20307,37.8,1.2,1.279,1.013,1.319,1.319,1.319,1.
29.10.2024,22:14:1.101,18028,16713,51.8,12394,20299,37.9,1.2,1.312,1.312,1.312,1.312,1.312,1.3
29.10.2024,22:14:3.113,18067,16674,52.0,12438,20256,38.0,1.2,1.310,1.288,1.312,1.312,1.312,1.3
29.10.2024,22:14:5.121,18100,16641,52.0,12464,20229,38.1,1.2,1.325,1.325,1.325,1.325,1.325,1.3
29.10.2024,22:14:7.130,18107,16634,52.1,12487,20206,38.1,1.2,1.270,1.281,1.269,1.269,1.269,1.2
29.10.2024,22:14:9.130,18087,16654,52.0,12469,20224,38.1,1.2,1.047,1.288,1.013,1.013,1.013,1.0
29.10.2024,22:14:11.130,18082,16659,52.0,12469,20224,38.1,1.2,1.293,1.331,1.288,1.288,1.288,1.
29.10.2024,22:14:13.130,18111,16630,52.1,12481,20212,38.1,1.2,1.331,1.331,1.331,1.331,1.331,1.
29.10.2024,22:14:15.141,18118,16623,52.1,12490,20203,38.2,1.2,1.322,1.325,1.325,1.325,1.325,1.
29.10.2024,22:14:17.128,18148,16593,52.2,12510,20183,38.2,1.2,1.327,1.300,1.300,1.325,1.325,1.
29.10.2024,22:14:19.151,18240,16501,52.5,12543,20150,38.3,1.2,1.326,1.331,1.325,1.325,1.325,1.
29.10.2024,22:14:21.143,18243,16498,52.5,12551,20142,38.3,1.2,1.295,1.331,1.337,1.337,1.337,1.
29.10.2024,22:14:23.148,18247,16494,52.5,12553,20140,38.3,1.2,1.319,1.319,1.319,1.319,1.319,1.
29.10.2024,22:14:25.146,18257,16484,52.5,12556,20137,38.4,1.2,1.318,1.319,1.300,1.300,1.325,1.
29.10.2024,22:14:27.147,18268,16473,52.5,12570,20123,38.4,1.2,1.302,1.288,1.300,1.300,1.300,1.
29.10.2024,22:14:29.147,18296,16446,52.6,12591,20102,38.5,1.2,1.314,1.325,1.312,1.312,1.312,1.

29.10.2024,22:14:31.143,18310,16431,52.7,12608,20085,38.5,1.2,1.293,1.288,1.275,1.275,1.275,1.
29.10.2024,22:14:33.155,18346,16395,52.8,12640,20053,38.6,1.2,1.345,1.337,1.337,1.337,1.337,1.
29.10.2024,22:14:35.162,18378,16363,52.8,12661,20032,38.7,1.2,1.311,1.294,1.294,1.319,1.319,1.
29.10.2024,22:14:37.178,18636,16105,53.6,12674,20019,38.7,1.2,1.331,1.331,1.331,1.331,1.331,1.
29.10.2024,22:14:39.185,18663,16078,53.7,12689,20004,38.8,1.2,1.332,1.337,1.331,1.331,1.331,1.
29.10.2024,22:14:41.174,18691,16050,53.8,12718,19975,38.9,1.2,1.173,1.013,1.013,1.013,1.013,1.
29.10.2024,22:14:43.175,18761,15980,54.0,12762,19931,39.0,1.2,1.312,1.312,1.312,1.312,1.312,1.
29.10.2024,22:14:45.189,18814,15927,54.1,12800,19893,39.1,1.2,1.153,1.300,1.300,1.300,1.300,1.
29.10.2024,22:14:47.176,18851,15890,54.2,12829,19864,39.2,1.2,1.284,1.306,1.281,1.281,1.281,1.
29.10.2024,22:14:49.188,18923,15818,54.4,12885,19808,39.4,1.2,1.342,1.331,1.344,1.344,1.344,1.
29.10.2024,22:14:51.187,18953,15788,54.5,12910,19783,39.4,1.2,1.331,1.337,1.337,1.337,1.337,1.
29.10.2024,22:14:53.177,18959,15782,54.5,12918,19775,39.5,1.2,1.316,1.319,1.319,1.319,1.325,1.
29.10.2024,22:14:55.194,18999,15742,54.6,12925,19768,39.5,1.2,1.276,1.281,1.275,1.275,1.275,1.
29.10.2024,22:14:57.199,19150,15591,55.1,13035,19658,39.8,1.2,1.309,1.288,1.312,1.312,1.312,1.
29.10.2024,22:14:59.202,19192,15549,55.2,13086,19607,40.0,1.2,1.345,1.344,1.344,1.344,1.344,1.
29.10.2024,22:15:1.192,19249,15492,55.4,13143,19550,40.2,1.2,1.363,1.369,1.369,1.369,1.369,1.3
29.10.2024,22:15:3.202,19218,15523,55.3,13154,19539,40.2,1.2,1.336,1.288,1.325,1.325,1.325,1.3
29.10.2024,22:15:5.208,19237,15504,55.3,13186,19507,40.3,1.2,1.340,1.356,1.337,1.337,1.337,1.3
29.10.2024,22:15:7.207,19234,15507,55.3,13197,19496,40.3,1.2,1.308,1.331,1.331,1.300,1.300,1.3
29.10.2024,22:15:9.204,19229,15512,55.3,13202,19491,40.3,1.2,1.019,1.019,1.019,1.019,1.019,1.0
29.10.2024,22:15:11.214,19238,15503,55.3,13225,19468,40.4,1.2,1.393,1.387,1.394,1.394,1.394,1.
29.10.2024,22:15:13.216,19241,15500,55.3,13248,19445,40.5,1.2,1.013,1.013,1.013,1.013,1.013,1.
29.10.2024,22:15:15.205,19198,15543,55.2,13251,19442,40.5,1.2,1.013,1.013,1.013,1.013,1.013,1.
29.10.2024,22:15:17.210,19205,15536,55.2,13253,19441,40.5,1.2,1.337,1.331,1.337,1.337,1.337,1.
29.10.2024,22:15:19.218,19240,15501,55.3,13298,19395,40.6,1.2,1.333,1.344,1.331,1.331,1.331,1.
29.10.2024,22:15:21.207,19241,15500,55.3,13304,19389,40.6,1.2,1.325,1.331,1.319,1.319,1.319,1.
29.10.2024,22:15:23.220,19238,15503,55.3,13311,19382,40.7,1.2,1.275,1.275,1.275,1.275,1.275,1.
29.10.2024,22:15:25.207,19215,15526,55.3,13308,19385,40.7,1.2,1.242,1.275,1.275,1.275,1.275,1.
29.10.2024,22:15:27.213,19236,15506,55.3,13314,19379,40.7,1.2,1.345,1.350,1.344,1.344,1.344,1.
29.10.2024,22:15:29.209,19225,15516,55.3,13319,19374,40.7,1.2,1.045,1.275,1.013,1.013,1.013,1.
29.10.2024,22:15:31.216,19197,15544,55.2,13300,19393,40.6,1.2,1.331,1.331,1.331,1.331,1.331,1.
29.10.2024,22:15:33.215,19245,15496,55.3,13340,19353,40.8,1.2,1.391,1.400,1.400,1.400,1.400,1.
29.10.2024,22:15:35.208,19223,15518,55.3,13325,19369,40.7,1.2,1.145,1.288,1.013,1.013,1.013,1.
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29.10.2024,22:15:45.217,19162,15579,55.1,13255,19438,40.5,1.2,1.292,1.019,1.331,1.331,1.331,1.
29.10.2024,22:15:47.206,19164,15577,55.1,13255,19439,40.5,1.2,1.338,1.337,1.337,1.337,1.337,1.
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29.10.2024,22:16:11.260,19075,15666,54.9,13173,19520,40.2,1.2,1.309,1.294,1.306,1.306,1.306,1.
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344,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,808

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275,1.275,1.275,1.275,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,926
275,1.275,1.275,1.013,3894.4,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3780.0,100.0,796
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013,1.013,1.013,1.013,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,100.0,836
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281,1.281,1.281,1.281,3898.1,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,3780.0,100.0,859
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69,1.369,1.369,1.369,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,100.0,860.5
69,1.269,1.269,1.269,4488.8,3780.0,4725.0,4725.0,4725.0,3780.0,4725.0,4725.0,100.0,873.5
19,1.019,1.019,1.019,3894.4,3775.0,3775.0,3775.0,3775.0,3775.0,3780.0,4725.0,100.0,820.6
13,1.013,1.013,1.013,4250.6,3775.0,3775.0,3775.0,4725.0,3780.0,4725.0,4725.0,100.0,817.5
81,1.281,1.281,1.281,4016.2,3780.0,3780.0,4725.0,3780.0,3780.0,4725.0,3780.0,100.0,780.5

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288,1.288,1.288,1.288,4134.4,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,4725.0,4725.0,100.0,960
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281,1.281,1.281,1.281,4488.8,3780.0,4725.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,873
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319,1.319,1.344,1.344,3998.8,3860.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,102
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387,1.387,1.387,1.387,4228.1,4725.0,3880.0,3880.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,104
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363,1.356,1.356,1.356,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,109
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394,1.394,1.394,1.331,4001.2,3880.0,3880.0,4850.0,3880.0,3880.0,3880.0,3880.0,3880.0,100.0,113
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331,1.344,1.344,1.344,4318.1,4725.0,4725.0,4725.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,898
294,1.294,1.294,1.331,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,915

344,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,923
363,1.375,1.375,1.344,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,905
344,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,931
331,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,897
306,1.306,1.306,1.306,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,918
312,1.312,1.325,1.325,4606.9,4725.0,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,951
344,1.344,1.344,1.344,3855.0,3880.0,3880.0,3880.0,3840.0,3840.0,3840.0,3840.0,3840.0,100.0,887
394,1.363,1.356,1.356,4122.5,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,912
350,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,116
344,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,975
275,1.275,1.325,1.325,4395.6,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,3880.0,3880.0,100.0,992
300,1.300,1.300,1.300,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,966
350,1.319,1.344,1.344,4096.2,3840.0,3840.0,4800.0,3840.0,3840.0,4850.0,3880.0,3880.0,100.0,100
312,1.306,1.331,1.331,3976.2,3840.0,3840.0,3840.0,3840.0,3840.0,4850.0,3880.0,3880.0,100.0,964
325,1.337,1.337,1.337,4411.2,3780.0,4725.0,4725.0,4725.0,4725.0,4850.0,3880.0,3880.0,100.0,955
37,1.337,1.337,1.337,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1161
50,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1094
31,1.331,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,3880.0,4850.0,3880.0,100.0,1065
31,1.331,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,3880.0,4850.0,3880.0,100.0,1065
94,1.394,1.400,1.400,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,1052
363,1.375,1.375,1.375,3991.2,3860.0,3860.0,3860.0,3860.0,3880.0,4850.0,3880.0,3880.0,100.0,106
356,1.356,1.356,1.356,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,998
387,1.400,1.400,1.400,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,101
356,1.356,1.356,1.356,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,112
013,1.013,1.013,1.013,3898.1,3780.0,3780.0,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,100.0,108
350,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,103
344,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,112
337,1.337,1.294,1.331,4134.4,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,4725.0,4725.0,100.0,108
350,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,112
013,1.013,1.013,1.013,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,100.0,108
344,1.375,1.350,1.350,4365.0,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,4850.0,100.0,109
344,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,110
331,1.344,1.337,1.337,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,109
356,1.356,1.350,1.350,3988.7,3780.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,107
331,1.331,1.331,1.331,4318.1,4725.0,4725.0,4725.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,105
344,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,105
344,1.350,1.350,1.350,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,100
331,1.331,1.331,1.331,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,953
294,1.294,1.294,1.013,3893.8,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,4725.0,100.0,101
013,1.013,1.013,1.013,4606.2,3775.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,102
337,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,979
344,1.350,1.350,1.350,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,945
337,1.337,1.337,1.337,4102.5,3800.0,3800.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,982
344,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,954
319,1.331,1.331,1.331,4411.2,3780.0,4725.0,4725.0,4725.0,4725.0,4850.0,3880.0,3880.0,100.0,966
87,1.381,1.381,1.381,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,941.:
37,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1049
25,1.325,1.337,1.337,4106.9,4725.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1003
25,1.325,1.325,1.325,4052.5,4725.0,3820.0,3820.0,3820.0,3820.0,4775.0,3820.0,3820.0,100.0,1026
25,1.325,1.312,1.312,4370.6,3780.0,3780.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,861.:

325,1.325,1.325,1.325,4606.9,4725.0,4725.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,844
306,1.306,1.306,1.306,4053.8,3780.0,3820.0,4775.0,3820.0,3820.0,4775.0,3820.0,3820.0,100.0,809
337,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,802
387,1.387,1.387,1.387,3960.0,3840.0,3840.0,3840.0,3840.0,4800.0,3840.0,3840.0,3840.0,100.0,982
331,1.331,1.331,1.331,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,880
312,1.312,1.312,1.312,3978.1,3840.0,3860.0,3860.0,3860.0,3860.0,4825.0,3860.0,3860.0,100.0,779
337,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,762
394,1.394,1.394,1.394,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,966
337,1.337,1.337,1.337,4122.5,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,943
387,1.387,1.387,1.387,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,939
281,1.281,1.281,1.281,4016.2,3780.0,3780.0,4725.0,3780.0,3780.0,3780.0,4725.0,3780.0,100.0,976
294,1.294,1.331,1.331,4488.8,3780.0,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,960
331,1.331,1.325,1.325,4380.6,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,3820.0,3820.0,100.0,982
344,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,992
363,1.363,1.363,1.363,4122.5,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,100
350,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,113
356,1.356,1.356,1.356,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,104
319,1.319,1.394,1.394,4185.6,4725.0,3780.0,3820.0,3820.0,3820.0,3820.0,4850.0,4850.0,100.0,104
344,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,114
344,1.337,1.337,1.337,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,103
350,1.350,1.350,1.350,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,103
013,1.013,1.013,1.013,4606.2,3775.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,109
356,1.356,1.356,1.356,4159.4,3880.0,3880.0,3780.0,4725.0,3780.0,4725.0,4725.0,3780.0,100.0,109
325,1.325,1.325,1.325,3783.1,3840.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,100.0,109
344,1.344,1.350,1.350,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,101
25,1.325,1.288,1.288,4606.9,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,3780.0,100.0,1060
31,1.331,1.325,1.325,4606.2,3775.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,1139
56,1.356,1.369,1.369,3996.2,3880.0,3860.0,3860.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1052
50,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1088
37,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1032
319,1.356,1.356,1.356,4200.0,3780.0,4725.0,4725.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,113
350,1.369,1.369,1.369,3993.1,3880.0,3880.0,3880.0,3880.0,3880.0,4825.0,3860.0,3860.0,100.0,113
337,1.337,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,106
331,1.331,1.325,1.331,4488.8,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,3780.0,100.0,970
275,1.275,1.275,1.275,3898.1,3780.0,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,3780.0,100.0,975
337,1.337,1.337,1.337,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,918
337,1.381,1.381,1.381,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,904
281,1.281,1.281,1.281,4370.6,3780.0,3780.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,887
331,1.337,1.337,1.337,4529.4,4725.0,4725.0,4725.0,4725.0,4725.0,4850.0,3880.0,3880.0,100.0,904
300,1.300,1.300,1.300,4083.1,3820.0,3820.0,4775.0,3820.0,3820.0,4850.0,3880.0,3880.0,100.0,881
319,1.319,1.319,1.319,4175.0,3780.0,3780.0,4725.0,4725.0,3780.0,4850.0,3880.0,3880.0,100.0,900
306,1.306,1.306,1.306,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,925
325,1.325,1.337,1.337,4513.8,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,3880.0,3880.0,100.0,979
350,1.350,1.387,1.387,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,3880.0,4850.0,3880.0,100.0,994
350,1.350,1.337,1.337,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,101
400,1.400,1.400,1.400,4122.5,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,108
350,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,105
300,1.300,1.300,1.300,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,106
337,1.337,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,103
319,1.319,1.300,1.300,3918.1,3780.0,3780.0,3780.0,3780.0,3780.0,4725.0,3860.0,3860.0,100.0,107

331,1.344,1.350,1.350,3996.2,3840.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,104
344,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,110
344,1.337,1.337,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,109
375,1.350,1.350,1.350,4243.8,3880.0,3880.0,4850.0,4850.0,3880.0,4850.0,3880.0,3880.0,100.0,110
375,1.375,1.363,1.363,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,105
63,1.363,1.363,1.363,4365.0,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,4850.0,100.0,1086
37,1.337,1.288,1.288,3928.8,3880.0,3800.0,4750.0,3800.0,3800.0,3800.0,3800.0,3800.0,100.0,1114
25,1.325,1.331,1.331,4159.4,3780.0,3780.0,4725.0,4725.0,3780.0,4725.0,3880.0,3880.0,100.0,1053
31,1.331,1.387,1.381,4365.0,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,4850.0,100.0,1088
12,1.325,1.325,1.325,4175.0,3780.0,3780.0,3780.0,4725.0,4725.0,4850.0,3880.0,3880.0,100.0,1042
337,1.344,1.344,1.344,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,104
306,1.306,1.325,1.325,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,907
406,1.406,1.406,1.406,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,932
337,1.350,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,939
325,1.319,1.319,1.319,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,924
337,1.337,1.337,1.337,3948.8,3880.0,3880.0,3880.0,3800.0,3800.0,4750.0,3800.0,3800.0,100.0,934
344,1.331,1.331,1.331,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,865
294,1.294,1.294,1.294,3965.6,3820.0,3820.0,3820.0,3860.0,3860.0,4825.0,3860.0,3860.0,100.0,870
356,1.356,1.394,1.394,4365.0,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,4850.0,100.0,920
331,1.331,1.331,1.331,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,914
325,1.319,1.319,1.319,4606.9,4725.0,4725.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,939
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019,1.019,1.019,1.019,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,100.0,957
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394,1.375,1.375,1.375,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,101
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363,1.363,1.363,1.363,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,4850.0,100.0,107
363,1.363,1.387,1.387,4218.1,4725.0,3840.0,3840.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,110
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31,1.331,1.331,1.331,4606.9,4725.0,4725.0,4725.0,4725.0,3780.0,4725.0,4725.0,4725.0,100.0,1199
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44,1.344,1.344,1.344,4122.5,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1100
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319,1.337,1.344,1.344,4181.9,3860.0,3780.0,4725.0,4725.0,4725.0,3880.0,3880.0,3880.0,100.0,112
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387,1.387,1.387,1.387,4243.8,3880.0,3880.0,4850.0,3880.0,3880.0,4850.0,4850.0,3880.0,100.0,110
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81,1.381,1.381,1.381,3788.1,3880.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,3775.0,100.0,1220
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275,1.275,1.275,1.275,3988.7,3780.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,936
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294,1.294,1.294,1.300,4018.8,3800.0,3780.0,3780.0,4725.0,3780.0,3780.0,3780.0,4725.0,100.0,986
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281,1.281,1.281,1.281,4370.6,3780.0,3780.0,4725.0,3780.0,4725.0,4725.0,4725.0,4725.0,100.0,963
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312,1.312,1.312,1.312,4606.9,3780.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,4725.0,100.0,104
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344,1.344,1.375,1.375,4365.0,3880.0,3880.0,4850.0,4850.0,3880.0,4850.0,3880.0,4850.0,100.0,100
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56,1.350,1.350,1.350,4001.2,3880.0,3880.0,3880.0,3880.0,3880.0,4850.0,3880.0,3880.0,100.0,1186
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94,1.013,1.013,1.013,4131.2,3775.0,3775.0,3775.0,3775.0,3775.0,4725.0,4725.0,4725.0,100.0,978.0
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les virtuellen Speichers [%]", "Physikalischer Speicher verwendet [MB]", "Physikalischer Speicher verfü
MSI MS-7C56,System: MSI MS-7C56,System: MSI MS-7C56,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: A

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3,263.3,37.4,96.1,30.6,1967.6,808.3,372.9,48.1,29.5,31.7,1636.4,426.0,233.6,29.1,570.9,57.8,414.9,8
3,284.8,41.2,106.7,30.7,2442.8,583.2,452.0,51.7,29.7,35.4,2492.1,548.1,286.4,39.2,809.7,38.2,517.0
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.2,1472.8,379.0,1115.1,279.0,2465.5,1590.8,1573.6,651.6,541.1,545.4,2563.9,1422.1,1400.4,493.0,3
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7,834.2,71.7,382.3,49.1,1590.2,1435.7,1132.0,121.6,209.5,124.9,2319.7,861.2,864.2,73.7,1514.9,154
.9,1098.4,131.4,691.6,108.2,2326.8,1776.5,1676.3,224.9,289.8,218.7,3736.7,1107.3,1353.2,177.7,22
3,1023.1,109.3,569.3,86.9,1533.2,1963.9,1421.2,132.7,190.9,160.6,3132.0,771.5,1446.6,120.4,1819.
3,630.8,74.3,316.0,67.6,1116.2,1165.6,829.0,115.0,139.0,111.8,2013.6,629.9,636.6,104.1,1063.9,12
3,843.6,165.3,522.6,133.3,1989.9,790.5,1096.1,228.4,240.7,188.8,2075.3,970.9,872.7,210.4,1325.2,3
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.6,442.5,35.7,168.9,30.5,932.7,419.0,535.3,54.8,73.8,46.0,1113.1,435.2,350.2,38.5,700.4,72.7,340.6
.1,482.5,106.4,209.5,84.6,784.8,520.6,547.7,106.4,104.7,99.7,1081.3,618.2,420.7,93.0,687.4,134.3,3
.3,488.2,70.6,207.6,75.3,820.8,466.6,496.7,91.8,121.4,112.7,1089.0,533.4,423.4,63.2,689.3,95.1,365
.6,548.0,113.7,266.2,110.4,760.3,591.2,555.2,161.6,209.0,180.8,1019.6,544.7,447.0,113.1,744.1,140
.9,428.4,63.5,135.9,33.3,833.9,429.7,436.3,44.0,67.0,108.7,1010.1,482.3,329.4,40.4,600.8,58.1,318.
0,385.0,25.8,136.7,21.4,736.1,430.8,407.2,37.9,33.3,33.9,970.7,362.6,283.2,31.3,569.2,46.7,282.0,4
.6,406.0,40.1,129.9,25.5,728.9,361.8,447.9,29.9,39.4,30.1,935.8,463.6,329.4,31.5,567.5,50.9,288.6,4
.2,495.5,72.9,251.6,57.3,741.6,732.1,609.1,93.5,125.2,93.1,1120.0,753.2,442.9,60.8,862.4,115.7,414
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.4,373.0,28.0,143.8,21.6,588.0,501.2,464.4,41.7,32.5,31.2,765.6,685.6,325.3,29.8,579.5,51.0,291.4,4
.2,363.7,23.5,132.6,19.5,567.8,444.9,405.9,46.4,30.4,33.9,733.5,660.4,325.6,26.3,597.6,55.9,279.2,3
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.1,630.1,61.1,323.5,31.1,649.2,1511.0,762.7,71.6,109.0,96.2,2589.8,879.4,876.4,100.2,1207.0,119.5
.7,580.8,42.0,289.9,47.6,674.0,1249.5,685.9,66.3,97.7,111.6,3077.8,776.8,764.6,70.0,929.6,99.0,59
.2,511.2,30.3,244.6,34.2,664.6,666.1,612.6,63.8,59.3,56.9,4010.5,346.2,726.1,46.1,829.6,77.2,561.2
.9,534.2,25.8,245.2,28.7,740.3,574.1,604.8,52.5,61.6,65.9,3973.4,320.8,638.5,40.8,800.0,91.2,549.9
.7,585.3,60.1,288.7,52.4,844.0,805.0,722.1,97.8,110.8,158.4,4106.1,361.1,749.9,84.1,918.6,130.5,6
.4,833.4,89.2,432.0,73.3,1003.7,1538.8,962.9,129.1,120.7,140.1,3199.1,1005.7,1004.1,102.4,1307.2
2.5,1377.8,244.8,712.9,186.5,1279.5,2880.2,1423.0,298.8,262.1,290.2,1303.0,2422.9,1339.3,252.4,3
.5,1076.1,205.3,616.8,151.7,1185.4,1835.4,1119.9,222.7,226.1,195.5,1316.3,1825.2,1076.9,198.8,14

.3,807.5,155.2,500.8,110.8,1139.0,936.9,845.4,183.2,201.4,151.5,1476.3,1049.7,915.1,157.8,1110.4
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.9,610.3,74.1,349.1,60.6,1331.3,619.0,717.8,103.5,115.4,337.0,1311.0,675.4,772.3,88.0,920.8,137.0
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.5,490.2,39.2,240.4,30.5,921.4,516.7,618.3,61.7,78.4,55.6,4386.2,201.0,623.7,58.2,774.3,80.8,573.5,9
.3,631.3,72.6,351.8,60.4,1396.6,686.0,734.3,102.6,113.1,93.8,2481.6,652.3,950.6,84.7,998.6,138.7,59
.0,600.5,77.5,355.3,67.3,1301.9,662.9,696.8,98.9,114.7,96.3,1371.2,700.9,712.8,106.2,941.5,127.6,50
.5,763.1,148.6,392.0,207.7,1302.5,1074.1,825.6,201.3,341.4,1025.1,1692.4,1094.5,888.7,143.3,1093.
.4,627.4,87.6,347.8,85.7,1097.6,693.9,763.2,113.4,125.5,169.1,1296.0,797.4,712.4,126.1,960.2,146.6
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.0,680.0,110.3,397.0,83.8,1235.0,893.4,764.1,124.5,123.4,124.0,1452.8,842.8,760.6,118.7,1006.5,14
.3,801.2,115.7,459.6,97.8,1225.5,1007.9,889.8,136.7,151.0,148.2,1591.0,827.7,925.0,159.0,1142.2,;
.4,707.1,96.2,425.7,78.1,1137.0,876.0,781.0,122.8,162.9,114.0,1448.3,844.6,881.4,119.0,987.1,169.
.4,702.7,102.7,403.5,86.2,1018.0,888.5,754.2,141.2,159.2,125.4,1460.5,881.5,919.3,115.2,976.9,15;
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.2,662.8,109.5,408.4,73.9,762.1,927.5,763.5,127.1,138.8,111.0,1349.9,931.9,855.2,111.1,937.5,165.
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.3,942.9,195.0,615.1,141.5,1766.2,732.6,1078.4,235.0,234.3,403.9,2277.5,886.3,1374.5,232.9,1351.
.6,953.4,182.0,637.2,142.8,1354.7,1075.3,1074.6,250.8,235.2,199.7,2259.7,989.0,1321.4,211.4,143;
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.0,903.0,168.6,596.5,137.4,1359.5,1146.6,1020.5,234.7,241.9,238.8,2108.4,1139.4,1301.8,204.3,132;
.9,957.7,194.2,644.6,137.7,1272.5,1463.0,1109.5,235.5,265.0,208.4,1783.1,1685.4,1356.7,225.6,1440
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.9,1047.8,206.4,699.4,170.9,1748.2,1061.0,1165.9,286.7,260.9,238.9,2151.5,1267.1,1556.8,243.8,1;
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.6,1050.8,228.0,728.7,179.7,1632.1,1556.5,1214.5,280.0,296.9,253.4,2191.0,1242.6,1566.9,228.8,11
.7,1117.5,249.5,781.6,177.5,1546.5,1603.9,1246.6,299.9,308.6,229.8,2163.1,1168.6,1520.4,261.3,11
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.7,1209.8,289.4,893.9,234.5,2130.7,1072.6,1390.7,371.3,338.9,334.1,2533.3,1151.1,1777.1,326.6,16.
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.1,1100.2,272.7,817.0,224.9,1309.1,1683.2,1223.2,359.5,353.8,496.8,2289.7,1422.4,1667.4,334.9,14
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6.1,1301.4,306.7,944.0,219.9,1597.5,1785.3,1481.4,378.2,333.4,359.2,2550.6,1503.6,1930.6,329.2,14
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5.5,1347.3,361.8,984.6,293.5,1573.4,1876.9,1469.8,444.9,426.9,447.6,2432.3,1637.6,1994.2,399.0,14
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.7,1146.3,265.5,808.5,235.1,1725.7,1436.9,1312.3,320.7,327.5,304.1,2424.8,1290.9,1756.4,292.6,14
.2,1128.3,247.9,804.6,199.6,1676.1,1338.3,1282.1,300.2,299.3,262.5,2501.5,1098.9,1714.1,261.4,14
.9,1146.8,251.9,770.9,225.4,1640.2,1645.0,1286.3,298.8,293.8,495.7,2445.7,1217.9,1747.7,277.5,14
.6,1083.6,239.4,804.2,198.5,1585.0,1636.8,1218.8,293.0,302.5,293.6,2536.3,1134.3,1695.4,293.0,14
.5,1153.1,283.4,814.9,211.3,1831.3,1231.2,1244.4,314.1,301.4,299.5,2849.7,921.7,1727.6,313.1,15
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.5,906.7,203.7,649.1,175.5,1119.3,1172.1,1050.8,231.7,220.4,235.6,1908.2,1314.4,1416.8,246.0,13
.9,871.1,168.7,628.7,147.0,1167.5,1057.6,986.4,210.5,212.9,218.2,2377.6,1159.9,1280.7,199.0,125
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.8,1075.5,240.1,757.3,196.7,1615.2,1112.1,1176.6,313.0,279.0,284.6,2611.3,1024.5,1519.3,288.3,1
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gbar [MB]", "Auslastung des physikalischen Speichers [%]", "Auslastung der Auslagerungsdatei [%]", "C
AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryz

Core VIDs (avg) [V]","Core 0 VID [V]","Core 1 VID [V]","Core 2 VID [V]","Core 3 VID [V]","Core 4 VID [V]
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537.4,432.6,958.3,17.8,23.3,5.4,14.7,3.1,33.3,20.9,24.0,5.4,4.7,2.3,41.1,18.6,41.1,4.7,34.1,7.8,41.1,1
541.2,445.3,977.5,18.5,20.3,3.9,15.6,3.9,35.2,31.2,27.3,4.7,4.7,1.6,50.0,16.4,36.7,1.6,36.7,5.5,50.0,1
500.3,471.8,999.0,18.7,22.7,3.9,19.5,3.1,34.4,26.6,28.1,7.0,5.5,5.5,42.2,20.3,36.7,4.7,31.2,7.0,42.2,1
524.7,422.1,998.2,18.5,17.1,4.7,15.5,3.1,37.2,29.5,24.8,5.4,5.4,4.7,41.9,21.7,43.4,3.1,31.8,7.0,43.4,1
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499.9,420.4,952.7,17.2,17.8,3.9,12.4,1.6,28.7,26.4,22.5,3.1,3.1,5.4,48.1,20.9,41.1,3.1,32.6,5.4,48.1,1
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598.1,402.5,994.9,21.0,26.6,5.5,18.0,7.0,26.6,33.6,30.5,7.0,8.6,12.5,38.3,25.0,43.8,9.4,35.9,7.8,43.8,
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528.1,387.4,947.6,17.5,20.9,7.0,17.8,4.7,17.8,40.3,26.4,3.9,4.7,3.1,40.3,20.9,36.4,3.9,24.8,7.8,40.3,1
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598.0,420.8,966.9,17.6,20.9,0.8,11.6,1.6,18.6,45.0,24.8,4.7,2.3,0.8,38.0,29.5,44.2,3.1,27.9,7.8,45.0,1
594.6,457.2,995.4,20.6,22.5,6.2,15.5,5.4,36.4,22.5,27.1,4.7,7.0,7.0,49.6,24.0,43.4,3.1,45.7,10.1,49.6,
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707.5,423.7,996.4,18.9,21.9,3.1,21.1,1.6,25.0,35.2,29.7,5.5,3.9,6.2,37.5,26.6,39.8,5.5,31.2,9.4,39.8,1
558.0,394.8,961.7,17.2,24.0,6.2,17.1,1.6,16.3,34.1,19.4,3.9,3.9,3.9,38.8,27.9,34.1,5.4,34.9,3.9,38.8,1
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93.5,415.9,965.1,19.3,20.3,7.0,18.8,4.7,34.4,25.8,29.7,6.2,4.7,6.2,46.9,21.1,36.7,8.6,28.1,9.4,46.9,19
315.0,484.6,1056.1,18.3,20.2,2.3,14.7,3.1,40.3,20.2,25.6,6.2,4.7,3.1,41.1,24.8,45.0,3.1,31.0,7.8,45.0,
55.9,411.5,991.3,18.1,20.9,2.3,14.0,3.9,38.8,27.1,20.9,6.2,3.9,5.4,38.0,17.8,42.6,3.9,35.7,8.5,42.6,18
707.5,409.0,1017.6,18.1,19.5,6.2,16.4,1.6,31.2,21.9,25.8,3.9,3.9,4.7,46.1,21.9,39.8,3.1,37.5,6.2,46.1,
51.3,399.8,943.0,18.3,20.9,0.8,19.4,1.6,27.1,27.9,29.5,5.4,6.2,3.9,46.5,22.5,35.7,2.3,37.2,6.2,46.5,18
478.2,357.1,907.9,17.3,19.5,4.7,17.2,1.6,29.7,25.0,26.6,3.9,7.8,4.7,40.6,27.3,27.3,4.7,28.9,7.8,40.6,1
1.3,217.1,780.6,17.8,19.5,6.2,16.4,4.7,23.4,21.1,25.8,5.5,4.7,4.7,60.2,24.2,30.5,7.8,24.2,6.2,60.2,17.8
46.6,785.5,15.7,21.7,2.3,6.2,1.6,21.7,29.5,21.7,2.3,1.6,3.1,82.2,10.9,17.8,3.1,24.0,1.6,82.2,15.7,20.1,
Core VIDs (avg) [V]","Core 0 VID [V]","Core 1 VID [V]","Core 2 VID [V]","Core 3 VID [V]","Core 4 VID [V]
en 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800

","Core 5 VID [V]","Core 6 VID [V]","Core 7 VID [V]","Kern-Takte (avg) [MHz]","Core 0 Takt (perf #5/6
3,2,7,1,0,0,2,3,6,0,4,1,9,37,8,37,8,37,8,37,8,37,8,37,8,37,8,37,8,0,0,3,6,1,8,0,6,8,1,1,9,0,7,10,4,1
5,0,3,0,5,0,4,18,6,6,3,2,3,0,3,8,6,0,4,4,5,37,8,37,8,37,8,37,8,37,8,37,8,37,8,0,0,8,2,3,1,1,0,2
2,5,0,3,0,3,0,2,26,9,16,4,1,5,0,3,6,5,0,4,5,1,40,0,38,8,38,8,38,8,38,8,38,8,48,5,38,8,38,8,0,0,9,0,2,9,1
.1,5,3,0,7,0,5,0,5,22,9,30,8,3,2,0,3,11,1,0,8,7,4,40,0,38,8,38,8,48,5,38,8,38,8,38,8,38,8,0,0,12,2
.2,0,7,4,6,0,5,17,0,6,4,3,0,0,6,8,0,0,8,4,4,37,8,37,8,37,8,37,8,37,8,37,8,37,8,37,8,0,0,7,7,3,8,1,5
33,4,26,6,12,5,0,7,3,2,0,7,75,1,8,6,7,1,0,8,24,1,1,1,12,7,40,0,38,8,38,8,48,5,38,8,38,8,38,8,38,8
4,9,28,8,8,1,0,6,1,7,0,5,55,0,17,4,6,8,0,5,14,3,1,0,11,7,37,8,37,8,37,8,37,8,37,8,37,8,37,8,37,8,0
.4,8,5,2,1,4,2,1,4,23,8,19,4,7,4,1,8,12,6,3,0,7,4,41,2,38,8,38,8,48,5,38,8,38,8,48,5,38,6,38,6,0,0,11,0
8,7,9,2,0,4,2,2,0,8,24,6,16,7,5,8,0,5,16,8,0,7,7,9,40,8,38,4,38,4,48,0,38,4,38,4,48,0,38,4,38,4,0,0,13,
0,29,8,34,3,14,5,1,9,2,8,2,2,31,6,14,8,10,5,2,0,20,5,2,5,11,5,41,3,37,8,37,8,47,2,47,2,37,8,47,2,37,8
1,1,9,0,4,15,6,5,4,2,9,0,4,6,1,0,5,3,5,39,0,37,8,37,8,37,8,37,8,37,8,47,2,37,8,37,8,0,0,6,5,4,9,1,5,10,4
.0,0,5,0,6,0,5,17,0,17,8,4,4,0,5,10,3,0,8,5,3,37,8,37,8,37,8,37,8,37,8,37,8,37,8,37,8,0,0,9,5,5,6,1
0,5,0,8,0,5,13,3,10,7,3,9,0,4,8,3,0,5,4,8,40,0,38,8,38,8,38,8,38,8,38,8,48,5,38,8,38,8,0,0,8,6,5,2,1,5,2
.2,0,7,0,5,0,5,33,3,6,9,3,6,0,6,7,3,0,7,5,5,40,0,38,8,38,8,48,5,38,8,38,8,38,8,38,8,38,8,0,0,9,7,5,0,1,7
2,0,4,0,5,0,8,14,9,3,6,3,6,0,3,6,8,0,7,4,5,40,0,38,8,38,8,38,8,38,8,38,8,48,5,38,8,38,8,0,0,8,1,4,6,1,3,2
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23.1,2.3,10.5,1.9,26.5,36.9,24.6,3.0,3.1,4.6,107.5,16.1,20.8,3.5,33.6,3.6,20.1,43.6,38.8,38.8,48.5,48.
|","Core 5 VID [V]","Core 6 VID [V]","Core 7 VID [V]","Kern-Takte (avg) [MHz]","Core 0 Takt (perf #5/6
IOX,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU

) [MHz]","Core 1 Takt (perf #6/7) [MHz]","Core 2 Takt (perf #1/1) [MHz]","Core 3 Takt (perf #3/4) [M
L.2,3.9,50.5,32.4,6.2,91.9,59.7,4.6,89.6,23.6,95.8,46.0,65.9,93.2,0.0,38.4,94.8,0.0,75.3,0.4,2200.0,22
23.0,3.9,0.7,22.5,2.5,8.6,63.2,91.5,11.2,77.0,73.9,10.3,77.5,73.1,91.4,28.6,5.4,87.8,0.0,22.2,89.0,0.0,
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,5.1,2.0,18.4,3.3,6.5,74.6,94.7,24.8,89.6,94.9,22.1,81.6,96.0,93.5,18.9,0.4,73.7,0.0,0.0,75.9,0.0,0.7,0
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) [MHz]", "Core 1 Takt (perf #6/7) [MHz]", "Core 2 Takt (perf #1/1) [MHz]", "Core 3 Takt (perf #3/4) [M
[#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AV

Hz"],"Core 4 Takt (perf #7/8) [MHz"],"Core 5 Takt (perf #1/2) [MHz"],"Core 6 Takt (perf #4/5) [MHz]"

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),0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0,63.7,56.8,51.1,47.8,47.7,50.5,5

0.0,0.0,0.0,0.0,1.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,63.0,62.2,50.9,47.8,47.7,50.6

4,0.0,0.0,0.0,0.0,0.0,0.1,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9,64.3,61.5,51.9,48.5,48.2

17.7,74.4,66.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.1,64.0,63.8,

2,60.2,88.0,26.7,63.3,50.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.1

3,91.1,38.2,71.8,62.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,59.4

14,77.2,71.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,53.8,55.5,49
0,78.4,73.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.0,52.1,53.5,48
3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.6,52.2,54.8,48.0,47.0,45.9
0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,59.1,51.3,53.0,47.3,46.3,45.4,
0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,57.9,51.0,51.2,47.3,46.4,45.6,
0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.6,64.9,61.8,51.3,47.7,47.6,51.1,51.2,
.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.9,59.9,53.0,50.9,48.2,47
0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,51.9,55.2,47.7,46.6,45.7,
.1,44.3,76.2,71.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,60.1,54
5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,52.0,52.8,47.9,46.9,46.0
1,75.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.6,51.3,54.0,47.8,47.0
.2,80.2,74.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.6,53.7,53.2,48
1.1,76.0,71.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,59.6,54.1,53.8,4
0,74.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,58.5,52.5,54.8,48.4,47.4
.3,75.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,57.6,52.4,55.2,48.2,47
5.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,57.0,52.3,53.8,48.1,47.0,4
75.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,56.5,52.1,53.8,48.1,47.0,
0,74.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,56.2,52.4,52.5,48.3,47
77.5,73.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,57.5,53.4,54.5,48.8,
0,76.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,56.8,52.0,53.0,48.1,47
5.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,56.2,52.1,52.2,48.2,47.1,4
6.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,55.9,52.0,55.2,48.1,47.0,4
5,75.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,55.5,52.0,53.8,48.1,47.0
3,44.3,72.8,71.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,58.5,56.3,56.0
3,76.2,74.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,58.1,54.3,54.2,49
5.1,62.4,72.3,34.8,58.5,80.8,25.9,54.2,52.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,
0,64.5,84.7,34.2,58.2,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
1.3,41.8,66.1,64.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,55.9,5
9.4,42.1,64.9,63.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.6,56.2,5
90.8,40.8,66.0,62.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.4,56.1,
.4,43.4,66.3,64.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.1,55.5,55
3,37.1,65.7,63.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.4,56.3,58.0
6.5,38.2,64.6,63.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.6,57.0,5
0.7,37.7,66.6,62.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.2,56.7,5
.8,38.7,67.2,65.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,59.9,56.2,55
36.6,68.5,66.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.0,56.6,56.8,
9,89.7,33.9,63.0,61.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.6,59.0
9.8,38.0,66.5,64.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.0,57.1,5
89.7,33.3,64.6,61.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.5,58.4,
0.7,36.2,65.9,63.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.9,57.2,57
0.6,89.9,35.5,63.1,59.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.8,57
0.4,89.4,35.4,61.8,58.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.8,57
0.6,89.7,34.2,62.2,59.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.8,58
0.0,89.3,35.2,60.1,59.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,60.9,58
7,64.7,87.8,32.7,56.5,54.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.0
0.7,8,87.7,37.3,58.0,58.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.2,5
88.8,40.1,58.0,58.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.9,58.5,
0.9,88.8,37.6,59.4,57.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.8,58
0.3,89.1,38.5,59.7,58.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.6,58
1,89.3,36.7,58.8,58.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.6,59.0

1,90.3,39.3,63.1,60.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.2,58.7,
88.9,38.1,61.3,59.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.6,58.8,
15,89.4,36.7,60.1,58.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,61.5,58
16,88.4,33.8,59.2,58.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.8,60
17,4,87.9,36.1,60.8,57.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,5
11,88.7,35.8,59.9,59.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.6,60
17,3,88.4,35.0,60.0,57.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.4,6
10,88.3,35.8,60.4,57.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.0,59
17,88.9,34.5,61.3,57.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.8,59
18,86.9,34.3,59.9,57.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.8,59
19,89.6,35.6,59.8,59.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.5,59
18,6,89.0,34.5,59.5,59.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.4,5
10,85.2,35.0,60.5,57.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.0,60
64.1,83.3,30.4,55.2,54.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.4,
14,87.7,31.1,56.1,53.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,61
9,87.3,30.0,57.0,54.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,61.7
62.5,87.3,29.5,52.4,51.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,
12,87.4,30.9,52.1,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,62
5,87.6,29.6,55.2,56.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.5,62.7
0.1,34.8,60.0,61.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,59.5,5
12,89.9,34.0,57.5,59.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,60
5,89.8,38.3,61.4,61.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.5,59.6
18,88.9,35.2,57.7,58.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.1,60
13,88.6,35.7,59.5,58.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.0,60
11,88.1,33.5,57.9,57.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.4,61
15,88.7,34.1,55.3,59.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.2,60
17,88.7,33.7,55.5,57.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.9,61
91.1,37.7,65.0,63.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.2,59.3,
0.3,38.5,61.9,60.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.1,59.8,6
90.5,38.4,61.4,61.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,59.5,
0,90.0,37.9,63.5,59.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.4,59.6
13,86.8,36.8,61.2,60.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,60
17,9,88.0,36.2,60.5,60.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.9,6
9,89.5,36.9,60.2,61.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.6,60.7
0.8,37.5,61.0,62.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.1,59.5,5
9.9,35.8,63.3,62.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.9,59.6,6
3,89.9,35.6,60.3,60.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.8,59.9
5,90.0,33.0,61.0,62.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.9,60.3
1,90.0,35.5,63.3,62.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.5,59.8
89.7,36.8,62.3,62.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.6,59.7,
90.2,36.2,64.0,62.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.4,59.7,
0.1,36.7,63.3,62.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.5,60.0,5
0.5,85.9,35.1,62.6,62.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.1,6
90.3,36.1,64.1,62.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.8,59.8,
90.0,36.8,63.7,63.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,62.4,59.4,
89.9,31.3,60.7,60.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4,62.1,
5,89.0,32.0,61.2,59.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,62.7
0.7,35.3,63.4,62.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,60.1,6
0.4,36.7,63.1,62.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,60.7,6
4,66.3,64.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.1,59.4,59.8,53.8

[illegible]

0,63.2,87.4,30.4,51.4,54.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8
4,59.7,84.6,27.6,48.8,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
34.1,61.1,81.7,30.4,50.3,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
9,59.5,84.8,27.2,47.9,49.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
0.5,61.1,83.9,26.9,48.0,50.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
30.8,58.3,83.8,26.4,47.5,47.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
4,59.7,85.3,26.0,50.1,50.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9
7,61.5,84.9,24.9,51.1,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
1.2,59.0,83.9,26.1,46.8,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
0,61.4,85.9,27.8,50.6,52.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8
0.0,62.0,85.9,27.9,50.4,52.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
2,62.5,85.9,24.3,51.1,52.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
5.5,87.8,28.6,55.4,57.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,6
64.5,87.9,28.9,53.8,56.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.5,
2,87.4,29.0,53.5,56.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,62
3.7,87.0,28.0,52.5,54.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,6
3.7,87.3,28.0,53.9,55.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.5,6
4.0,87.0,27.5,53.0,55.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,6
1,61.9,86.3,26.1,51.9,52.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1
3,62.2,86.9,27.0,49.1,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0
6,59.2,85.1,25.3,50.1,49.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
7,61.8,85.9,28.2,51.7,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2
8,62.4,84.5,27.9,52.5,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
5.4,71.9,34.7,58.9,82.0,28.1,50.1,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
3,62.0,86.3,27.4,52.1,53.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.2
3,31.0,54.7,82.3,22.9,46.7,45.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
5.4,60.3,85.9,27.8,50.3,50.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
1,32.1,56.5,83.0,24.3,44.6,50.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
9.4,56.0,84.5,21.9,45.8,46.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
3,61.1,86.7,25.9,51.3,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
8,63.1,86.0,27.1,52.3,54.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
3.6,63.3,82.7,26.8,53.0,54.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
4.4,86.8,27.9,54.3,54.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4,6
7.0,88.2,30.5,57.2,58.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,6
4.2,87.0,29.4,52.9,55.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,6
1,31.7,61.1,81.5,24.3,50.4,51.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
3,89.1,31.4,61.0,61.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0,62.0
87.2,29.9,57.7,59.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,62.3,
0,87.6,30.6,54.3,56.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.5,62.0
5,88.1,31.1,57.9,60.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2,62.1
0,89.0,32.7,60.0,61.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.5,61.3
6,87.1,30.1,57.9,58.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,61
7.4,88.6,30.5,59.4,60.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,6
1.1,88.2,31.8,57.6,60.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,61
9,89.1,30.6,60.6,62.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,61.0
9,88.9,30.6,61.9,61.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.1,61.0
9,89.1,31.3,61.1,62.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.9,61
8,88.6,32.0,59.1,60.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.9,61
4,89.0,31.2,60.0,58.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.9,61
2,87.9,30.3,58.8,59.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,63.9,61

19,85.5,30.0,57.4,60.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.4,62
14,88.5,30.5,59.4,60.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,61
19,88.3,28.6,58.9,58.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.4,62
5,88.2,33.5,59.9,61.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,61.1
7,88.4,32.4,57.0,60.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.9,62.4
14,87.0,31.7,57.7,56.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,62
88.9,31.3,59.5,60.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.6,61.5,
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13,32.5,59.1,83.3,22.6,52.1,50.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
14,6,87.7,21.1,60.7,56.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0,6
65.0,85.3,30.1,58.8,57.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,
66.5,82.5,31.9,56.7,59.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,
63.9,85.9,29.9,56.0,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,
7,66.6,86.5,32.0,57.7,58.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6
17,3,86.2,32.7,57.5,60.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.5,6
9,32.8,60.0,79.7,25.0,48.0,50.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1
5,61.3,84.3,25.7,51.0,51.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
9,63.0,85.0,24.5,48.2,54.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
9,63.0,85.0,24.5,48.2,54.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
62.6,85.4,26.1,50.7,53.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,
60.9,85.3,27.5,51.1,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9,
13,86.6,28.5,52.9,55.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,63
63.3,86.4,28.3,51.1,55.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,
5,35.5,58.7,84.4,23.7,49.9,50.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1
19,59.6,85.5,25.5,50.4,49.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
10,61.6,87.0,27.7,50.9,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
17,3,0,34.7,59.6,82.8,26.6,48.9,51.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
13,8,61.1,85.0,27.5,48.8,51.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
19,58.3,84.7,25.5,46.5,49.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
12,60.2,84.8,26.6,49.7,52.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
14,6,60.8,83.7,25.6,49.4,51.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
14,4,60.0,83.5,26.0,48.6,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
8,35.2,60.1,84.5,26.4,48.3,51.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1
2,61.1,85.3,27.3,50.5,52.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
14,62.0,86.4,27.9,50.5,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
13,9,61.9,85.1,26.0,52.1,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
19,64.1,86.5,29.5,54.3,55.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
11,87.5,31.1,55.2,57.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0,63
5,63.8,86.0,28.6,52.4,55.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6
17,63.7,86.4,28.5,52.7,53.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
14,4,86.7,30.1,54.8,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,6
15,2,88.2,31.6,55.9,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,6
65.2,83.4,31.3,55.1,56.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,
16,8,87.6,30.6,55.8,57.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,6
3,87.7,29.3,55.1,57.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.5,62.8
16,4,87.7,29.5,57.5,58.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,6
13,64.7,84.9,26.7,52.5,54.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65
13,6,85.3,27.1,53.8,54.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,6
62.8,86.8,24.9,52.2,53.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4,
89.6,31.3,60.5,62.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,61.8,

5,90.0,35.7,62.3,62.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,61.9
89.9,36.0,62.5,65.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,60.7,
90.5,35.5,63.4,64.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,60.5,
3,68.8,64.7,33.8,60.1,61.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9
69.7,74.2,34.6,63.3,61.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2,
0.8,38.0,64.1,65.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,60.3,6
1.0,32.2,67.0,66.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.6,60.9,6
5.8,86.8,30.9,58.4,59.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,6
3,86.8,31.7,57.5,58.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,62
4,87.9,31.9,55.7,58.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,62
9,87.3,30.3,54.0,57.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4,62
5.4,87.5,31.5,55.1,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,6
3.8,87.4,30.6,53.3,57.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4,6
63.7,86.8,29.6,54.5,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4,
1,63.6,86.9,29.5,52.4,55.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65
2.1,58.6,82.7,26.2,49.5,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
0,61.9,86.1,29.6,49.3,52.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
5,61.2,86.2,28.7,51.3,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
4,30.0,59.2,84.5,23.9,46.3,49.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
0,62.7,86.2,27.8,51.8,53.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.1
9,60.8,86.7,28.3,51.6,51.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
5.0,58.9,84.1,26.7,48.9,50.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
3,35.9,58.3,82.0,26.6,50.2,50.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1
8.5,59.8,84.4,27.3,50.0,51.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
5,62.7,86.3,29.5,53.5,54.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
61.9,85.2,27.0,51.6,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.2,
2.8,37.5,59.7,78.5,26.1,51.0,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,77
1,61.5,85.1,24.8,51.8,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
4,58.9,84.6,24.4,51.1,52.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.4
61.3,85.7,27.6,52.3,53.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8,
1,57.6,84.0,22.4,50.3,50.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
5.7,57.8,84.0,24.3,48.5,50.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
9,61.8,85.6,26.7,50.6,51.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.4
64.4,88.1,29.6,55.1,56.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,
5.2,86.8,31.3,57.6,57.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,6
88.5,32.8,55.9,59.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9,62.2,
88.8,34.3,56.8,59.2,0.0,0.0,0.0,0.0,0.0,0

3,61.4,86.0,27.3,49.3,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
5.1,59.1,84.5,25.0,49.1,49.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
36.1,60.4,80.3,26.0,49.8,52.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
36.5,60.1,84.3,25.7,48.7,52.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
1.1,62.1,85.5,27.6,49.3,52.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
4,60.5,84.6,24.9,48.5,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
34.2,59.4,81.6,26.0,46.4,51.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
4,61.1,85.8,28.2,50.0,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
1.1,61.4,85.8,25.5,48.2,49.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
1.2,62.6,85.3,29.2,50.5,53.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
3,62.5,85.7,31.0,51.8,54.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
1.7,88.1,35.2,58.2,60.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,61
1.1,88.0,36.1,56.9,58.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,61
7.0,87.6,34.4,56.9,58.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,6
6.8,87.8,33.6,57.4,59.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,6
7.1,87.7,33.2,61.0,58.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,6
1,88.6,35.3,62.9,62.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,61.0
2,86.4,34.9,60.9,63.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.9,61.0
7.5,88.0,33.5,58.9,60.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,6
67.7,88.1,32.5,57.3,59.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.8,
4,87.8,33.8,56.3,58.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.6,61.0
1.3,87.7,34.1,55.9,58.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,61
5.8,86.3,34.6,57.6,58.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,6
1.3,88.0,32.3,54.8,57.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.4,61
7,62.8,85.9,31.0,53.9,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.0
61.1,85.9,25.8,50.8,51.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2,
6.4,60.8,85.8,25.6,48.7,51.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
1.4,60.2,85.1,24.8,46.7,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
4,61.7,85.5,26.8,49.6,52.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0
13.2,33.6,59.3,84.4,26.4,48.6,49.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,77
0,62.6,86.2,26.1,53.3,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0
2,63.2,86.1,26.4,54.2,53.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0
1.3,62.4,81.5,29.0,52.7,54.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
14.3,86.7,30.0,54.0,56.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8,6
3,63.8,86.5,29.7,50.4,54.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0
3,61.1,85.7,25.6,49.6,51.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
172.9,33.0,57.8,74.6,23.3,50.0,48.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
63.1,87.5,28.7,53.1,55.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.6,
63.6,86.8,30.5,49.6,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8,
3,60.2,85.1,27.5,49.3,50.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
1.2,5,59.7,85.4,26.9,46.8,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
174.7,33.3,60.0,84.0,27.2,48.5,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
9.4,57.1,84.5,27.4,46.1,47.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
4,28.0,56.1,83.3,26.5,48.0,46.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
1.2,59.5,84.8,27.4,48.2,49.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
1.0,61.1,83.9,29.3,51.8,50.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
14.6,86.8,31.8,54.9,54.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4,6
0,64.0,85.9,31.4,55.9,55.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
89.2,35.6,64.0,61.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,61.3,
0.3,37.0,66.7,65.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,60.4,6

[illegible]

9.7,60.2,83.6,28.5,46.3,50.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
3,62.2,85.7,28.1,48.6,50.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
8,63.7,85.8,31.0,50.0,53.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67
3.1,61.6,85.2,27.3,47.1,52.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
4,57.1,84.2,23.8,45.0,46.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
2.8,59.8,85.5,28.2,48.6,49.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
33.7,58.3,84.9,26.1,47.3,49.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
35.4,59.6,84.6,26.9,51.0,50.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
0,59.6,85.2,26.2,47.0,49.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.:
28.2,58.6,84.2,25.0,47.5,47.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
7,60.8,85.8,26.0,50.6,50.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.:
32.6,61.9,86.6,29.0,49.6,52.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
3,60.9,85.2,27.4,49.9,51.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.(
1,87.9,30.6,51.8,55.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,62
3.5,86.9,30.6,53.8,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,6
0.1,59.3,83.7,26.9,48.8,48.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
3.4,87.4,31.5,52.5,53.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,6
72.5,30.0,58.4,83.8,28.4,47.9,49.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
1,28.8,59.3,84.7,28.9,47.6,49.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
9.3,58.1,84.4,27.8,47.7,48.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
2,28.8,56.3,84.2,28.5,50.1,47.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,:
9.8,60.8,81.9,28.9,48.6,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
5,61.0,85.9,29.8,48.4,48.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.!:
2,61.9,87.3,29.7,51.9,52.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.:
9,62.9,87.0,30.4,51.8,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
71.9,29.8,57.7,77.2,24.6,47.6,46.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
3,59.1,85.3,27.5,53.0,50.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70.(
5,62.8,85.6,31.0,50.2,52.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.(
1.4,59.6,83.1,30.0,48.7,50.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
32.0,57.1,84.0,27.9,46.5,47.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
33.3,57.9,84.3,27.3,47.3,48.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
0,32.3,59.3,84.9,26.1,46.9,50.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,:
3,87.6,30.3,52.4,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9,63
4,87.4,30.5,54.2,56.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9,63
1,87.6,32.4,58.4,58.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9,62
4,88.6,34.4,58.6,61.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,61
67.3,86.4,32.0,61.2,60.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,
5,89.6,37.2,66.1,65.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1,60.!:
3,89.4,37.2,63.1,64.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.4,60.4
1,88.1,35.1,59.6,62.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,61
5.5,87.2,32.5,56.0,57.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.2,6
5.8,86.7,31.0,52.6,55.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.5,6
3.7,87.3,31.2,54.9,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.6,6
5,62.2,86.2,28.2,51.7,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.(
4.6,87.6,32.9,57.1,55.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,64.8,6
2,60.7,82.9,29.3,50.6,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9
5,62.0,85.5,30.2,52.7,51.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8
35.6,62.7,85.1,30.3,54.2,53.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
6.5,63.4,87.0,30.2,53.5,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
5,62.3,87.0,31.1,53.4,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.:

32.7,62.4,87.3,30.5,52.1,53.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
35.8,63.6,81.7,31.9,54.0,53.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
.0,61.0,86.0,29.3,51.2,52.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
.8,62.3,86.1,30.1,51.1,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
31.3,58.7,82.4,28.9,49.7,49.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
72.7,31.1,59.3,78.0,26.7,49.8,47.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
63.6,86.7,32.0,53.4,54.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4,
3.9,87.6,30.5,54.8,56.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.2,6
.8,86.8,30.5,53.4,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,63
4,62.6,86.5,27.7,53.1,52.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.:
64.4,88.2,30.5,52.1,54.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,
31.2,59.3,84.8,23.9,48.9,50.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
2.8,86.9,28.4,55.1,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,6
3,62.4,86.2,28.8,54.0,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.:
5,62.4,86.5,26.6,51.9,51.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9
5,61.6,86.0,27.9,52.7,51.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8
62.5,85.6,26.0,50.1,52.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9,
4,62.1,86.4,27.5,51.3,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8
9,66.6,26.4,51.0,78.0,21.9,43.5,41.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,
70.3,30.4,54.4,80.6,21.9,45.6,45.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
.7,60.5,85.5,26.6,49.8,51.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,71
9,60.6,84.9,28.9,49.6,53.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69
33.1,59.0,83.4,26.6,47.9,50.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
3.1,34.6,59.2,83.1,26.5,47.3,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,77
3,60.8,85.6,29.3,47.4,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.6
33.4,59.5,84.3,26.4,49.2,51.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
.5,61.1,84.9,24.7,48.7,50.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
1,61.5,85.2,25.4,47.4,50.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.8
.6,59.5,83.6,25.8,45.4,49.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
7,62.1,85.2,28.3,49.5,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.6
4,63.7,86.9,30.2,50.4,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8
.1,34.8,61.7,81.0,29.2,50.4,53.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
8,61.8,68.7,26.3,54.5,78.7,25.7,46.0,45.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
.0,59.8,84.1,27.5,50.2,50.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70
61.5,85.4,30.0,50.3,53.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.4,
4,67.9,23.2,51.3,75.2,19.0,45.7,42.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,
9,28.6,54.9,82.9,25.5,46.0,45.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771
7,59.0,85.1,27.3,49.7,49.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,71.:
5,60.2,86.1,27.4,48.6,50.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70.6
63.4,86.3,28.5,52.9,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.2,
6,88.6,32.8,59.8,61.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.9,61
3.6,69.8,27.1,54.8,79.6,20.9,47.9,45.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.4,
70.4,28.2,54.4,80.1,20.7,43.2,44.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
70.4,28.2,54.4,80.1,20.7,43.2,44.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,7
4,64.0,85.4,27.6,52.7,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70
7,63.7,86.1,29.2,52.8,55.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.6
4.2,85.8,29.8,54.1,55.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.8,6
65.7,85.3,30.9,56.8,57.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8,
7.1,87.0,32.9,56.5,57.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8,6
3,86.7,33.3,59.2,58.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,62.8

66.8,87.4,34.7,57.3,58.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,
7.6,86.9,35.2,57.6,60.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,6
0,64.4,86.0,30.4,54.1,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4
2,63.4,86.3,30.1,49.4,52.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.1
63.7,86.4,31.5,53.2,55.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,
4.8,86.6,31.0,55.8,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,6
0.8,64.2,85.3,31.7,54.3,56.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
0.6,61.3,83.9,28.3,50.1,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
5.2,29.0,57.6,84.7,27.1,50.4,48.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,77
29.9,60.2,84.8,26.5,49.5,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
0.4,60.8,86.2,28.0,51.2,51.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
1,64.0,86.8,29.4,51.2,54.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0
1.2,70.1,29.1,56.1,77.0,24.1,46.2,46.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,
27.9,57.4,82.2,15.4,49.9,45.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
62.8,86.3,20.7,57.4,52.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70.9,
9.9,21.3,61.3,56.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70.1,65.8,6
7,66.4,68.4,22.6,61.9,56.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,70.1
89.1,22.9,59.3,58.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.8,65.1,
3,64.4,86.4,24.3,55.0,53.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.1
61.9,85.7,27.1,49.3,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.8,
1,63.5,86.0,28.6,50.3,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.0
9,64.9,86.5,27.7,49.9,53.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
3,63.0,86.8,26.9,48.7,51.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
9,64.0,87.2,27.9,50.1,53.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
4,62.4,86.9,27.5,50.8,53.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1
64.7,86.7,30.1,48.4,52.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.5,
7,62.8,87.4,30.6,50.3,52.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4
1,63.2,86.5,28.5,50.8,52.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1
1.3,88.3,31.0,53.9,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2,63
6.7,87.4,30.9,53.9,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,6
5.0,87.3,31.2,52.9,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,6
0,61.2,86.3,26.8,49.3,52.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4
7,65.0,86.3,30.1,51.8,55.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
6.3,87.1,32.7,52.8,55.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8,6
5.8,87.2,33.6,51.1,57.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,6
5.6,87.7,32.1,53.8,54.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,6
4.5,86.8,32.5,53.3,55.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,6
3.9,86.8,31.0,52.6,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9,6
6.6,87.8,31.4,53.8,56.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.2,6
6.1,88.0,32.4,52.7,55.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,6
6.1,88.5,30.6,51.4,57.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,6
5.2,87.2,30.1,51.1,56.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,6
1.6,65.8,80.9,30.3,52.9,56.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66
1.3,87.9,33.2,56.2,57.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,62
6.0,87.2,30.3,52.2,56.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,6
1.7,87.5,30.1,54.9,54.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.0,63
3,35.0,61.8,76.0,25.7,51.4,51.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
5.8,87.5,31.7,52.8,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.6,6
1.1,88.0,29.3,52.6,55.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,63
1.6,87.9,30.5,53.3,56.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8,63

6.3,63.5,86.0,29.9,51.6,54.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
5.7,86.8,32.3,55.1,56.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.5,6
33.9,62.3,84.2,29.1,49.8,53.6,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,
1.1,88.3,32.8,52.6,56.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1,63
1.1,88.0,34.1,52.7,56.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,63
5.6,87.3,32.5,50.8,55.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.4,6
1.5,87.8,32.5,52.9,55.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.1,63
3,66.3,87.5,32.7,52.9,57.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9
7.0,88.3,33.2,55.4,58.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,6
6.8,88.2,31.2,53.5,58.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.9,6
1.0,88.9,34.5,53.9,58.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.6,63
3,89.5,34.9,59.3,62.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.4,62.1
4,89.8,35.6,58.1,62.4,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.0,62.0
6.7,88.4,32.6,50.3,55.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.2,6
64.3,87.1,29.3,53.1,52.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,65.8,
7,61.4,86.4,26.6,49.3,52.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.9
5,61.2,87.6,29.0,50.1,51.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.1
1.4,62.2,86.7,28.3,48.1,51.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
5.9,61.6,87.0,27.7,48.3,51.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,6
1.3,65.7,87.1,29.0,50.1,53.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68
3.0,88.5,29.2,50.6,52.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.8,6
6.1,88.0,28.8,53.2,54.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.4,6
5.9,82.7,29.2,53.7,55.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.5,6
6.8,88.3,28.6,55.6,57.3,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.2,6
1.5,88.9,32.4,55.8,58.5,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.6,63
1.8,87.6,29.4,53.7,56.7,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.4,64
63.0,86.9,26.1,48.7,50.8,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,69.2,
1.2,86.6,29.3,51.4,55.1,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.5,64
64.8,87.4,28.9,49.4,54.2,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.4,
1.1,88.7,31.2,53.4,56.9,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.6,63
1.2,89.2,32.5,56.5,60.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,67.0,63
2.7,17.5,66.5,68.8,0.0,0.0,0.0,0.0,0.0,0.2,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,66.8,63.5,6
1.6,78.0,66.8,0.0,0.0,0.0,0.0,0.0,0.1,0.0,0.0,0.0,2200.0,22.00,20,26,26,46,101,771,1,68.4,65.5,71.5,57
Hz"],"Core 4 Takt (perf #7/8) [MHz]","Core 5 Takt (perf #1/2) [MHz]","Core 6 Takt (perf #4/5) [MHz]"
ID Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen

,"Core 7 Takt (perf #2/3) [MHz]","Bustakt [MHz]","Effektive Kerntakte (avg) [MHz]","Core 0 T0 Effekt
3,37.9,1.269,1.138,1.275,8.056,11.139,8.048,8.048,35.395,0.664,0.428,0.134,1.235,0.678,0.119,1.34
42.9,42.0,42.0,41.0,38.2,1.263,1.138,1.275,12.225,11.252,12.226,12.226,41.429,1.355,1.266,0.308,2
.4,43.5,42.3,42.3,40.8,38.0,1.337,1.138,1.350,13.750,11.270,13.728,13.728,43.789,1.488,1.237,0.24
5,49.2,41.2,45.0,42.6,42.6,40.8,38.0,1.325,1.138,1.350,15.348,11.341,15.340,15.340,46.628,1.761,0.
,43.4,42.5,42.5,41.0,38.4,1.269,1.138,1.275,12.467,11.970,12.501,12.501,43.286,1.392,1.317,0.389
.0,45.8,60.6,45.4,51.0,44.9,44.9,41.8,38.3,1.356,1.138,1.375,26.197,11.439,26.165,27.411,62.815,3.
5,46.1,59.8,46.3,49.9,45.3,45.3,41.5,38.7,1.269,1.138,1.275,25.777,11.606,25.805,25.824,62.799,3.4
.9,43.7,45.6,43.0,43.0,41.2,38.5,1.394,1.138,1.419,16.872,12.105,16.814,16.814,49.778,2.055,1.749
50.8,44.2,47.1,43.9,43.9,41.0,38.4,1.362,1.138,1.387,19.313,12.061,19.323,19.323,53.212,2.388,1.8
57.8,48.2,46.4,53.2,46.4,49.2,44.7,44.7,40.5,38.1,1.263,1.138,1.275,23.946,11.876,23.988,23.988,59
2.2,42.2,40.8,38.2,1.263,1.138,1.275,12.363,11.256,12.366,12.366,41.274,1.254,1.270,0.458,1.646,1
.5,44.1,42.6,42.6,41.2,38.2,1.263,1.138,1.275,15.138,11.321,15.137,15.137,45.466,1.714,1.511,0.70
.1,42.3,42.3,40.8,37.9,1.294,1.138,1.312,14.434,11.257,14.397,14.397,44.305,1.560,1.451,0.565,2.8
3.8,42.5,42.5,41.0,38.1,1.350,1.138,1.369,15.599,11.207,15.603,15.603,46.210,1.705,1.562,0.668,2.
.0,42.5,42.5,40.8,37.9,1.356,1.138,1.375,14.226,11.263,14.224,14.224,44.217,1.549,1.443,0.565,2.9
47.0,51.4,46.0,47.5,45.0,45.0,41.5,38.2,1.337,1.138,1.356,26.336,11.394,26.341,26.341,62.822,3.62
.3,47.2,54.4,46.2,48.4,45.4,45.4,41.2,38.3,1.337,1.138,1.363,27.338,11.367,27.327,28.085,64.040,3.
5.5,52.6,45.4,47.6,45.0,45.0,41.0,38.3,1.263,1.138,1.281,23.545,11.412,23.589,23.589,58.372,3.182
9.3,47.2,59.6,46.4,50.7,45.4,45.4,41.8,38.6,1.344,1.138,1.369,28.572,11.409,28.533,29.674,66.164,4
53.3,45.1,47.8,44.8,44.8,41.8,38.5,1.325,1.138,1.337,22.679,11.397,22.685,22.685,57.094,3.068,2.1
01,771,1,68.8,62.8,63.0,54.6,52.6,51.0,59.5,55.0,51.5,60.3,51.8,55.2,46.6,46.6,42.2,38.9,1.356,1.138
4.6,59.5,55.4,52.6,50.8,61.0,55.6,52.7,62.4,52.1,56.1,47.4,47.4,42.2,39.5,1.331,1.138,1.356,35.802,1
1,50.0,47.9,57.5,52.2,49.3,57.7,49.2,52.9,46.2,46.2,42.0,39.0,1.381,1.138,1.425,30.833,12.567,30.78
18,66.8,57.6,53.6,52.0,63.0,58.3,53.0,66.2,53.8,60.9,48.6,48.6,42.2,39.1,1.388,1.138,1.419,40.955,11
0,55.6,52.0,50.7,60.2,55.6,51.7,63.9,54.0,56.4,47.8,47.8,43.0,39.5,1.312,1.138,1.331,36.417,12.395,3
8.5,47.1,54.5,50.3,48.3,55.3,48.0,50.3,46.0,46.0,42.0,39.1,1.362,1.138,1.387,26.747,12.321,26.722,3
52.0,49.7,48.6,56.3,52.1,49.4,57.5,49.3,52.7,45.9,45.9,42.2,39.3,1.369,1.138,1.394,30.483,12.512,30
1,1,71.1,68.6,72.0,58.5,54.5,53.4,63.7,58.9,58.1,66.0,54.7,58.8,48.1,48.1,43.0,39.4,1.394,1.138,1.42
.1,46.8,51.5,46.5,48.3,45.0,45.0,41.8,38.8,1.319,1.138,1.337,22.148,12.187,22.181,22.329,57.037,2.
1,48.2,44.7,46.0,43.9,43.9,41.5,38.7,1.269,1.138,1.281,19.401,12.036,19.414,19.414,52.544,2.406,2.
5,46.4,45.2,49.0,45.0,46.2,43.7,43.7,41.2,38.5,1.263,1.138,1.275,19.852,11.949,19.854,19.854,53.12
.8,44.8,47.9,44.5,45.5,43.4,43.4,41.2,38.5,1.312,1.138,1.331,19.213,11.957,19.214,19.214,52.189,2.
4.8,47.8,46.4,45.9,48.5,45.0,46.2,43.5,43.5,41.0,38.3,1.325,1.138,1.350,20.537,11.956,20.515,20.51
7.6,44.0,45.1,43.3,43.3,41.0,38.5,1.269,1.138,1.281,19.225,11.932,19.241,19.241,52.154,2.319,2.01
3.5,44.5,43.0,43.0,40.8,38.2,1.269,1.138,1.281,19.091,11.946,19.082,19.082,51.751,2.173,1.926,1.7
,43.7,44.7,43.1,43.1,40.8,38.2,1.263,1.138,1.275,18.950,11.935,18.967,18.967,51.643,2.207,1.951,1.
.0,46.5,45.3,49.4,44.9,46.7,43.6,43.6,41.0,38.4,1.269,1.138,1.281,21.543,12.055,21.537,21.537,55.7
47.6,43.9,45.1,43.3,43.3,41.2,38.0,1.269,1.138,1.281,19.362,12.103,19.354,19.354,52.792,2.310,1.9
2,43.7,44.7,43.2,43.2,40.5,38.1,1.319,1.138,1.331,17.987,12.103,17.992,17.992,50.906,2.181,1.907,1.
43.6,44.8,43.1,43.1,41.5,38.7,1.325,1.138,1.337,17.804,12.010,17.796,17.796,50.333,2.143,1.868,1.
46.5,51.0,49.1,47.7,54.1,48.3,48.8,44.8,44.8,41.0,38.5,1.331,1.138,1.350,26.395,12.218,26.381,29.3
7.4,53.6,50.7,48.2,60.3,49.3,51.9,45.6,45.6,41.2,38.5,1.312,1.138,1.331,28.830,12.286,28.844,34.99
.8,50.7,48.2,61.5,49.2,50.9,45.7,45.7,41.2,38.7,1.350,1.138,1.369,29.192,12.269,29.195,34.906,68.4
1.2,47.8,63.7,49.0,51.2,46.0,46.0,41.8,39.0,1.331,1.138,1.350,28.841,12.102,28.827,33.801,67.811,4
5,51.0,47.7,63.0,48.5,51.0,46.1,46.1,42.0,39.1,1.344,1.138,1.369,28.760,12.104,28.751,33.105,67.62
2,52.1,51.9,49.0,64.3,49.6,51.9,46.4,46.4,41.5,38.7,1.356,1.138,1.375,30.415,12.255,30.427,36.670,1
52.8,49.7,48.7,55.9,52.6,49.2,62.6,50.3,53.0,46.4,46.4,42.0,39.2,1.362,1.138,1.394,31.706,12.417,31
2,66.5,60.0,56.1,53.8,51.1,63.6,55.6,52.4,62.9,52.7,56.9,47.6,47.6,42.8,39.5,1.319,1.138,1.350,37.53
4,64.2,52.4,50.8,49.3,57.2,52.4,49.9,57.4,50.2,52.3,46.5,46.5,42.8,39.3,1.337,1.138,1.369,31.077,12.

12,48.0,47.1,51.5,49.2,47.6,53.0,48.0,49.3,45.2,45.2,41.8,38.9,1.319,1.138,1.344,25.750,12.408,25.7
14,47.4,46.4,50.8,48.4,47.0,51.2,47.3,48.5,44.8,44.8,41.8,38.8,1.300,1.138,1.312,24.598,12.440,24.6
9,50.4,47.9,47.8,50.5,47.0,47.8,44.8,44.8,41.2,38.7,1.269,1.138,1.288,24.611,12.326,24.601,27.228,6
49.4,47.1,46.6,50.1,46.4,47.1,44.3,44.3,41.2,38.6,1.312,1.138,1.337,22.521,12.255,22.545,24.028,57
49.0,47.5,46.2,50.4,46.3,47.2,44.2,44.2,41.0,38.3,1.269,1.138,1.281,22.781,12.244,22.776,23.961,57
47.7,64.9,48.9,51.1,45.9,45.9,41.8,39.0,1.356,1.138,1.381,30.089,12.356,30.061,34.615,70.127,4.09
15,53.0,50.4,48.2,59.0,50.1,50.6,45.9,45.9,41.8,38.8,1.300,1.138,1.325,28.448,12.359,28.481,33.694
50.0,47.5,46.4,50.9,46.6,47.6,44.5,44.5,41.5,38.7,1.288,1.138,1.300,22.941,12.315,22.928,25.939,58
18,51.9,49.6,48.6,55.2,51.3,53.9,56.0,50.3,50.7,46.2,46.2,41.5,38.9,1.306,1.138,1.319,30.122,12.267
20,49.9,48.0,47.0,50.9,46.8,47.8,44.8,44.8,41.5,38.6,1.312,1.138,1.331,23.562,12.321,23.546,26.566,1
20,46.1,50.1,47.8,46.8,49.9,46.9,47.7,44.7,44.7,41.8,38.8,1.319,1.138,1.337,22.979,12.282,22.979,26.
14,47.3,46.2,51.5,48.3,46.9,52.2,47.0,48.1,44.9,44.9,41.8,38.8,1.281,1.138,1.300,24.379,12.295,24.4
9.1,47.9,46.8,51.9,49.0,47.4,52.7,48.0,49.1,45.2,45.2,41.8,38.7,1.319,1.138,1.337,25.808,12.519,25.
14,46.4,50.8,48.3,47.1,51.4,47.6,48.2,45.0,45.0,42.0,39.1,1.325,1.138,1.344,24.697,12.345,24.699,29.
12,46.2,50.2,48.1,46.9,51.6,47.4,48.0,44.9,44.9,41.5,38.9,1.269,1.138,1.288,23.934,12.297,23.929,28
6.2,50.4,48.0,46.9,51.2,47.3,47.9,44.8,44.8,41.8,38.8,1.269,1.138,1.288,23.903,12.306,23.904,28.56
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13,46.3,50.6,48.2,47.0,51.1,47.4,48.2,45.0,45.0,41.8,38.9,1.312,1.138,1.337,24.426,12.425,24.447,28
47.5,46.7,50.8,48.8,47.3,52.8,47.7,48.7,45.1,45.1,41.8,38.9,1.312,1.138,1.337,25.488,12.359,25.474
10,46.3,49.6,48.1,46.7,51.6,47.3,47.9,44.9,44.9,41.5,38.9,1.300,1.138,1.319,24.710,12.476,24.716,27
6.2,50.4,48.1,46.9,51.1,47.6,48.0,44.9,44.9,41.8,38.9,1.275,1.138,1.294,24.635,12.377,24.623,27.59
6.3,49.6,48.2,46.8,51.5,47.3,48.0,44.9,44.9,41.8,38.6,1.325,1.138,1.344,24.179,12.380,24.167,27.31
14,46.1,50.2,47.9,46.8,51.1,47.4,47.9,44.9,44.9,41.5,38.8,1.325,1.138,1.337,23.625,12.369,23.639,27.
5,50.1,48.5,47.4,53.5,49.7,48.2,54.7,49.1,49.6,45.7,45.7,42.2,39.1,1.325,1.138,1.344,27.347,12.510,7
10,47.4,46.8,50.8,48.8,47.4,53.9,48.2,48.7,45.3,45.3,41.8,39.4,1.281,1.138,1.300,25.032,12.463,25.0
14,46,101,771,1,66.6,63.6,77.0,56.0,53.7,52.3,59.5,56.4,53.6,62.6,54.4,55.9,47.1,47.1,43.0,39.5,1.331,7
2,61.5,55.2,55.2,52.8,51.6,58.8,55.1,52.7,60.2,54.7,55.4,47.8,47.8,43.0,39.6,1.325,1.138,1.344,34.24
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9.0,51.3,49.4,48.5,54.1,51.2,49.6,55.4,51.1,51.3,46.3,46.3,43.0,39.8,1.337,1.138,1.356,28.713,13.19
57.0,51.1,49.2,48.2,53.9,50.8,49.0,55.4,50.6,51.4,46.2,46.2,43.0,39.9,1.331,1.138,1.350,28.269,13.2
15,50.7,48.9,47.9,53.7,50.4,48.8,54.6,50.5,50.8,46.1,46.1,43.0,39.5,1.325,1.138,1.344,27.530,13.158
20,51.0,49.1,48.2,53.4,50.8,49.0,55.9,50.5,51.3,46.2,46.2,42.2,39.4,1.331,1.138,1.350,28.340,13.191,7
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i 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800

iver Takt [MHz]","Core 0 T1 Effektiver Takt [MHz]","Core 1 T0 Effektiver Takt [MHz]","Core 1 T1 Effek
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31.026,64.257,3.748,2.833,2.530,5.886,3.376,2.426,6.319,2.996,3.620,34.920,14.016,48.936,62.699,
0.483,38.236,70.370,4.464,3.420,3.133,6.733,4.248,2.895,6.947,3.701,4.635,40.441,14.233,54.674,6
5,40.855,12.778,40.839,63.899,86.421,6.311,4.656,4.419,8.803,5.889,5.581,9.721,5.078,6.340,55.6
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693,31.067,43.778,71.149,4.429,3.751,3.355,6.387,4.147,3.026,6.385,3.887,4.493,40.968,14.439,55

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iver Takt [MHz]", "Core 0 T1 Effektiver Takt [MHz]", "Core 1 T0 Effektiver Takt [MHz]", "Core 1 T1 Effek
X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#

tiver Takt [MHz]", "Core 2 T0 Effektiver Takt [MHz]", "Core 2 T1 Effektiver Takt [MHz]", "Core 3 T0 Effe
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81,60.605,75.075,1800.0,1100.0,4690.2,4690.2,4844.1,52.9,36.1,37.0,68.3,113.8,Nein,Nein,Nein,7.0
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9,64.901,1800.0,1100.0,4648.6,4648.6,4850.0,45.7,29.0,28.2,61.6,116.0,Nein,Nein,Nein,6.768,1.012
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783,70.229,1800.0,1100.0,4695.4,4695.4,4849.9,49.5,32.6,33.9,65.0,114.0,Nein,Nein,Nein,8.279,1.1
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1.184,69.524,1800.0,1100.0,4709.9,4709.9,4850.0,49.0,32.2,32.3,64.7,116.6,Nein,Nein,Nein,6.787,1.502,70.787,1800.0,1100.0,4710.4,4710.4,4849.9,49.9,33.2,33.5,65.3,117.2,Nein,Nein,Nein,6.886,1.17,7.268,71.632,1800.0,1100.0,4720.4,4720.4,4850.0,50.4,33.8,33.9,65.4,118.2,Nein,Nein,Nein,6.910,1.19,9.531,73.863,1800.0,1100.0,4745.3,4745.3,4850.0,52.0,35.3,35.6,67.1,117.6,Nein,Nein,Nein,6.895,1.15,58.038,72.373,1800.0,1100.0,4724.3,4724.3,4849.7,51.0,34.3,35.1,66.2,116.8,Nein,Nein,Nein,7.096,1.17,7.469,71.854,1800.0,1100.0,4713.7,4713.7,4847.3,50.6,33.9,34.4,67.0,116.0,Nein,Nein,Nein,6.858,1.15,57.457,71.805,1800.0,1100.0,4710.5,4710.5,4850.0,50.6,33.8,35.1,66.6,114.7,Nein,Nein,Nein,7.171,1.17,7.314,71.674,1800.0,1100.0,4723.7,4723.7,4850.0,50.5,33.7,35.4,66.3,114.7,Nein,Nein,Nein,7.279,1.17,7.110,71.477,1800.0,1100.0,4729.4,4729.4,4850.0,50.3,33.6,34.5,66.3,114.9,Nein,Nein,Nein,7.047,1.17,7.035,71.365,1800.0,1100.0,4718.3,4718.3,4849.7,50.3,33.5,34.6,66.3,115.2,Nein,Nein,Nein,7.167,1.15,5.757,70.125,1800.0,1100.0,4705.8,4705.8,4850.0,49.4,32.6,33.2,65.8,115.1,Nein,Nein,Nein,6.978,1.15,56.509,70.858,1800.0,1100.0,4719.7,4719.7,4850.0,49.9,33.1,33.8,66.0,115.3,Nein,Nein,Nein,6.981,1.18,8.126,72.459,1800.0,1100.0,4715.6,4715.6,4847.4,51.0,34.2,34.9,67.0,115.2,Nein,Nein,Nein,6.904,1.19,9.61,75.688,1800.0,1100.0,4740.2,4740.2,4847.4,53.3,36.4,38.8,69.3,113.2,Nein,Nein,Nein,7.50,1.19,9.974,74.328,1800.0,1100.0,4733.6,4733.6,4850.0,52.3,35.5,38.0,68.4,113.5,Nein,Nein,Nein,7.338,1.14,59.74,74.837,1800.0,1100.0,4743.4,4743.4,4848.8,52.7,35.9,37.6,68.6,114.6,Nein,Nein,Nein,7.372,1.13,3.62,863,77.326,1800.0,1100.0,4756.6,4756.6,4850.0,54.5,37.6,39.9,69.5,114.9,Nein,Nein,Nein,7.59,1.12,6.33,77.005,1800.0,1100.0,4762.0,4762.0,4850.0,54.2,37.3,39.1,69.1,115.8,Nein,Nein,Nein,7.644,1.11,1.141,76.531,1800.0,1100.0,4745.5,4745.5,4849.9,53.9,37.1,37.7,69.1,116.7,Nein,Nein,Nein,7.160,1.18,6,70.301,1800.0,1100.0,4710.5,4710.5,4850.0,49.5,32.8,32.0,66.1,117.4,Nein,Nein,Nein,6.694,1.11,7.455,71.755,1800.0,1100.0,4713.4,4713.4,4850.0,50.5,33.8,33.9,66.9,116.1,Nein,Nein,Nein,6.912,1.16,55,71.015,1800.0,1100.0,4710.4,4710.4,4850.0,50.0,33.3,32.7,66.2,117.2,Nein,Nein,Nein,6.744,1.18,8.203,72.581,1800.0,1100.0,4728.7,4728.7,4850.0,51.1,34.3,35.0,66.8,116.4,Nein,Nein,Nein,7.226,1.18,8.348,72.674,1800.0,1100.0,4721.2,4721.2,4850.0,51.2,34.5,34.8,66.8,116.7,Nein,Nein,Nein,7.064,1.19,9.825,74.181,1800.0,1100.0,4744.1,4744.1,4849.5,52.2,35.4,36.1,67.9,116.4,Nein,Nein,Nein,7.261,1.19,9.869,74.267,1800.0,1100.0,4730.9,4730.9,4850.0,52.3,35.5,35.6,67.5,118.1,Nein,Nein,Nein,7.282,1.19,4.85,73.850,1800.0,1100.0,4743.8,4743.8,4849.8,52.0,35.1,36.6,68.3,114.6,Nein,Nein,Nein,7.319,1.522,69.834,1800.0,1100.0,4713.2,4713.2,4850.0,49.2,32.4,31.0,65.9,117.2,Nein,Nein,Nein,6.562,1.038,70.944,1800.0,1100.0,4709.4,4709.4,4850.0,50.0,33.2,32.6,66.4,116.7,Nein,Nein,Nein,7.013,1.16,299,70.644,1800.0,1100.0,4706.0,4706.0,4850.0,49.7,33.1,32.3,66.1,116.8,Nein,Nein,Nein,6.765,1.11,8.820,70.140,1800.0,1100.0,4701.4,4701.4,4850.0,49.4,32.7,32.5,66.2,115.0,Nein,Nein,Nein,6.821,1.18,8.298,72.593,1800.0,1100.0,4731.1,4731.1,4848.9,51.1,34.4,34.3,66.8,116.5,Nein,Nein,Nein,7.015,1.15,8.251,72.714,1800.0,1100.0,4719.4,4719.4,4848.7,51.2,34.3,34.3,67.1,115.8,Nein,Nein,Nein,7.690,1.19,9.64,73.349,1800.0,1100.0,4724.2,4724.2,4850.0,51.7,34.8,33.5,67.5,118.5,Nein,Nein,Nein,7.717,1.15,70.894,1800.0,1100.0,4703.2,4703.2,4850.0,49.9,33.0,31.5,66.1,118.9,Nein,Nein,Nein,7.713,1.11,99,71.271,1800.0,1100.0,4715.1,4715.1,4850.0,50.2,33.3,32.0,66.2,118.0,Nein,Nein,Nein,7.769,1.09,1.123,71.548,1800.0,1100.0,4706.9,4706.9,4849.9,50.4,33.5,32.6,66.6,117.0,Nein,Nein,Nein,7.864,1.1383,71.820,1800.0,1100.0,4732.3,4732.3,4850.0,50.6,33.6,32.8,66.9,116.8,Nein,Nein,Nein,7.879,1.1325,70.693,1800.0,1100.0,4718.7,4718.7,4850.0,49.8,32.9,31.6,66.5,117.4,Nein,Nein,Nein,7.716,1.1935,70.315,1800.0,1100.0,4698.1,4698.1,4849.5,49.5,32.7,31.9,66.4,115.7,Nein,Nein,Nein,7.696,1.0615,70.031,1800.0,1100.0,4708.7,4708.7,4850.0,49.3,32.4,31.6,66.3,115.4,Nein,Nein,Nein,7.610,1.003,70.465,1800.0,1100.0,4705.3,4705.3,4850.0,49.6,32.8,31.4,66.6,117.2,Nein,Nein,Nein,7.518,1.07,57.189,71.574,1800.0,1100.0,4719.1,4719.1,4847.2,50.4,33.4,32.5,67.3,115.6,Nein,Nein,Nein,7.658,1.091,69.472,1800.0,1100.0,4698.6,4698.6,4850.0,48.9,32.1,31.1,66.4,115.5,Nein,Nein,Nein,7.599,1.0576,68.955,1800.0,1100.0,4688.4,4688.4,4850.0,48.6,31.7,30.6,66.0,116.1,Nein,Nein,Nein,7.547,1.0164,72.559,1800.0,1100.0,4736.1,4736.1,4845.4,51.1,34.1,33.9,69.0,115.3,Nein,Nein,Nein,7.946,1.31,877,73.339,1800.0,1100.0,4738.8,4738.8,4846.7,51.6,34.7,34.3,69.0,115.5,Nein,Nein,Nein,7.840,1.61,70.269,1800.0,1100.0,4711.6,4711.6,4850.0,49.5,32.7,32.0,66.8,115.5,Nein,Nein,Nein,6.781,1.0437,71.647,1800.0,1100.0,4707.9,4707.9,4850.0,50.5,33.6,31.7,67.4,117.6,Nein,Nein,Nein,7.154,0.9976,1800.0,1100.0,4693.8,4693.8,4850.0,49.1,32.3,30.1,66.0,118.7,Nein,Nein,Nein,7.332,0.985,2.6,64

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78,68.933,1800.0,1100.0,4688.8,4688.8,4850.0,48.5,31.7,29.4,65.8,117.6,Nein,Nein,Nein,7.236,0.95
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253,63.344,77.743,1800.0,1100.0,4748.3,4748.3,4846.6,54.7,37.9,39.4,71.2,114.9,Nein,Nein,Nein,7.
9,62.646,77.086,1800.0,1100.0,4726.5,4726.5,4848.8,54.3,37.5,38.9,70.2,115.8,Nein,Nein,Nein,7.52
8,61.878,76.268,1800.0,1100.0,4731.9,4731.9,4850.0,53.7,36.9,39.1,69.8,114.2,Nein,Nein,Nein,7.46
30,63.179,77.610,1800.0,1100.0,4760.4,4760.4,4849.6,54.7,37.8,40.4,70.9,112.7,Nein,Nein,Nein,7.6
i1.141,75.536,1800.0,1100.0,4747.3,4747.3,4850.0,53.2,36.4,38.3,69.3,113.8,Nein,Nein,Nein,7.585,1
,60.813,75.250,1800.0,1100.0,4746.9,4746.9,4850.0,53.0,36.2,38.3,68.9,114.0,Nein,Nein,Nein,7.705
296,62.752,77.210,1800.0,1100.0,4756.9,4756.9,4850.0,54.4,37.5,38.9,69.6,115.8,Nein,Nein,Nein,7.
,62.696,77.126,1800.0,1100.0,4759.8,4759.8,4850.0,54.3,37.5,38.8,69.7,115.9,Nein,Nein,Nein,7.872
,61.728,76.178,1800.0,1100.0,4741.3,4741.3,4849.8,53.6,36.9,37.7,69.3,116.8,Nein,Nein,Nein,7.863
31,63.246,77.673,1800.0,1100.0,4759.7,4759.7,4850.0,54.7,37.9,39.6,70.2,115.8,Nein,Nein,Nein,7.7
i,307,64.764,79.241,1800.0,1100.0,4775.4,4775.4,4849.8,55.8,38.9,41.6,71.0,114.9,Nein,Nein,Nein,8.
298,63.751,78.221,1800.0,1100.0,4769.8,4769.8,4849.9,55.1,38.2,40.4,70.8,114.5,Nein,Nein,Nein,7.
99,63.438,77.914,1800.0,1100.0,4771.5,4771.5,4850.0,54.9,37.9,40.5,70.6,113.4,Nein,Nein,Nein,8.1
297,63.617,78.084,1800.0,1100.0,4761.6,4761.6,4848.8,55.0,38.1,40.9,70.6,113.2,Nein,Nein,Nein,8.
23,64.090,78.568,1800.0,1100.0,4767.2,4767.2,4849.9,55.3,38.4,41.1,70.6,114.1,Nein,Nein,Nein,8.1
298,64.855,79.384,1800.0,1100.0,4779.3,4779.3,4848.4,55.9,38.9,42.3,71.2,112.4,Nein,Nein,Nein,8.
,15.354,65.946,80.462,1800.0,1100.0,4774.9,4774.9,4849.3,56.7,39.7,43.5,72.4,112.7,Nein,Nein,Nei
.5,367,65.442,79.919,1800.0,1100.0,4772.8,4772.8,4849.6,56.3,39.2,42.9,71.8,113.3,Nein,Nein,Nein
16,65.628,80.139,1800.0,1100.0,4785.5,4785.5,4848.9,56.4,39.3,43.3,72.5,111.7,Nein,Nein,Nein,8.3
i,323,64.033,78.519,1800.0,1100.0,4771.4,4771.4,4847.1,55.3,38.3,41.7,71.0,113.5,Nein,Nein,Nein,8.
57,65.204,79.750,1800.0,1100.0,4772.1,4772.1,4848.8,56.2,39.1,42.4,71.7,113.3,Nein,Nein,Nein,8.3
351,64.903,79.365,1800.0,1100.0,4775.2,4775.2,4848.8,55.9,38.9,41.6,71.3,114.6,Nein,Nein,Nein,8.
42,64.057,78.573,1800.0,1100.0,4773.0,4773.0,4849.9,55.3,38.3,41.0,70.8,115.0,Nein,Nein,Nein,8.3
82,64.170,78.636,1800.0,1100.0,4772.8,4772.8,4849.7,55.4,38.4,40.1,70.3,116.5,Nein,Nein,Nein,8.1
7,62.552,77.023,1800.0,1100.0,4761.3,4761.3,4849.9,54.2,37.3,39.3,69.5,115.3,Nein,Nein,Nein,8.06

27,62.505,76.942,1800.0,1100.0,4753.4,4753.4,4850.0,54.2,37.3,39.3,69.4,115.7,Nein,Nein,Nein,8.0
382,65.781,80.282,1800.0,1100.0,4774.9,4774.9,4849.7,56.5,39.5,43.0,71.2,114.6,Nein,Nein,Nein,8.
.5,326,64.480,78.991,1800.0,1100.0,4755.8,4755.8,4843.2,55.6,38.6,41.8,70.7,112.5,Nein,Nein,Nein
364,65.919,80.443,1800.0,1100.0,4780.4,4780.4,4848.8,56.6,39.6,43.3,71.6,113.0,Nein,Nein,Nein,8.
.3,370,66.284,80.807,1800.0,1100.0,4784.3,4784.3,4848.0,56.9,39.8,43.8,72.1,111.8,Nein,Nein,Nein,8.
.5,394,67.506,82.083,1800.0,1100.0,4782.6,4782.6,4847.2,57.8,40.8,45.0,72.6,112.7,Nein,Nein,Nein
65,65.124,79.667,1800.0,1100.0,4786.6,4786.6,4849.7,56.1,39.1,43.1,71.6,112.7,Nein,Nein,Nein,8.5
48,65.047,79.557,1800.0,1100.0,4776.6,4776.6,4849.3,56.0,39.0,41.9,71.5,113.9,Nein,Nein,Nein,8.4
.4,408,67.586,82.044,1800.0,1100.0,4782.5,4782.5,4848.5,57.8,40.7,44.1,72.5,113.8,Nein,Nein,Nein,8.
.4,48,63.932,78.524,1800.0,1100.0,4771.7,4771.7,4849.9,55.3,38.3,41.6,71.1,112.6,Nein,Nein,Nein,8.6
306,63.724,78.199,1800.0,1100.0,4783.0,4783.0,4849.6,55.1,38.0,41.9,70.9,111.7,Nein,Nein,Nein,8.
11,64.817,79.321,1800.0,1100.0,4788.7,4788.7,4850.0,55.9,38.8,42.2,71.7,113.2,Nein,Nein,Nein,8.0
,62.044,76.489,1800.0,1100.0,4748.6,4748.6,4849.6,53.9,36.9,37.7,70.2,115.5,Nein,Nein,Nein,8.123
4,62.183,76.675,1800.0,1100.0,4763.0,4763.0,4849.9,54.0,37.0,38.2,69.7,115.9,Nein,Nein,Nein,8.56
.2,002,76.451,1800.0,1100.0,4760.8,4760.8,4850.0,53.8,36.9,38.5,69.3,116.2,Nein,Nein,Nein,7.896,1
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,62.781,77.248,1800.0,1100.0,4764.8,4764.8,4849.8,54.4,37.5,38.7,69.9,116.7,Nein,Nein,Nein,8.089
,62.443,76.869,1800.0,1100.0,4770.0,4770.0,4850.0,54.1,37.2,39.4,69.6,115.4,Nein,Nein,Nein,8.051
52,64.458,78.956,1800.0,1100.0,4777.0,4777.0,4850.0,55.6,38.6,41.2,70.7,115.2,Nein,Nein,Nein,8.1
98,65.720,80.206,1800.0,1100.0,4787.2,4787.2,4850.0,56.5,39.4,41.3,70.9,116.6,Nein,Nein,Nein,8.2
454,65.807,80.339,1800.0,1100.0,4784.4,4784.4,4849.9,56.6,39.5,43.1,71.6,113.6,Nein,Nein,Nein,8.
05,64.002,78.515,1800.0,1100.0,4760.1,4760.1,4849.8,55.3,38.3,40.6,70.6,114.8,Nein,Nein,Nein,8.2
389,63.799,78.269,1800.0,1100.0,4761.8,4761.8,4849.1,55.1,38.1,40.6,70.5,115.2,Nein,Nein,Nein,8.
,50.322,15.375,65.697,80.159,1800.0,1100.0,4763.6,4763.6,4845.1,56.5,39.5,43.1,71.5,113.1,Nein,N
63,64.114,78.640,1800.0,1100.0,4766.2,4766.2,4849.4,55.4,38.4,40.7,70.9,115.0,Nein,Nein,Nein,8.0
3,15.451,69.265,83.796,1800.0,1100.0,4785.1,4785.1,4846.9,59.0,41.9,47.0,73.1,112.2,Nein,Nein,N
.4,403,65.109,79.632,1800.0,1100.0,4766.6,4766.6,4849.5,56.1,39.1,41.9,71.1,115.0,Nein,Nein,Nein,8.
,15.480,68.213,82.803,1800.0,1100.0,4788.2,4788.2,4849.5,58.3,41.1,45.6,72.7,113.0,Nein,Nein,Nei
.4,488,69.805,84.387,1800.0,1100.0,4814.7,4814.7,4849.2,59.4,42.2,46.5,73.4,113.3,Nein,Nein,Nein,8.
84,66.775,81.306,1800.0,1100.0,4796.7,4796.7,4849.9,57.3,40.2,41.8,71.4,117.1,Nein,Nein,Nein,8.5
391,65.055,79.507,1800.0,1100.0,4780.8,4780.8,4850.0,56.0,39.0,40.8,71.0,116.1,Nein,Nein,Nein,8.
.4,417,66.013,80.519,1800.0,1100.0,4786.2,4786.2,4847.5,56.7,39.7,41.4,71.5,116.7,Nein,Nein,Nein,8.
,63.813,78.251,1800.0,1100.0,4770.8,4770.8,4848.5,55.1,38.1,39.3,71.0,115.9,Nein,Nein,Nein,8.000
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,61.990,76.467,1800.0,1100.0,4759.8,4759.8,4849.7,53.8,36.9,39.2,70.0,113.9,Nein,Nein,Nein,8.100
,15.379,66.645,81.212,1800.0,1100.0,4772.7,4772.7,4836.6,57.2,40.2,43.3,74.0,113.0,Nein,Nein,Nei
.1,762,73.140,1800.0,1100.0,4743.4,4743.4,4850.0,51.5,34.6,34.7,68.9,114.7,Nein,Nein,Nein,7.373,1.
447,74.852,1800.0,1100.0,4757.9,4757.9,4850.0,52.7,35.8,36.5,69.2,115.5,Nein,Nein,Nein,7.631,1.2
.1,876,75.302,1800.0,1100.0,4748.8,4748.8,4849.9,53.0,36.1,38.2,69.5,113.9,Nein,Nein,Nein,7.904,1.
.1,410,74.814,1800.0,1100.0,4750.3,4750.3,4849.8,52.7,35.8,36.0,69.5,115.4,Nein,Nein,Nein,7.457,1.
'281,71.653,1800.0,1100.0,4731.9,4731.9,4850.0,50.5,33.5,33.5,68.1,115.3,Nein,Nein,Nein,7.317,1.
.9,799,74.102,1800.0,1100.0,4745.3,4745.3,4849.3,52.2,35.3,36.3,68.8,114.0,Nein,Nein,Nein,7.703,1
,58.717,73.213,1800.0,1100.0,4737.1,4737.1,4849.8,51.6,34.6,35.3,69.0,114.1,Nein,Nein,Nein,7.592
.8,466,72.870,1800.0,1100.0,4739.5,4739.5,4850.0,51.3,34.4,35.3,68.4,114.6,Nein,Nein,Nein,7.523,1
.1,162,72.519,1800.0,1100.0,4729.6,4729.6,4850.0,51.1,34.2,34.0,68.5,115.4,Nein,Nein,Nein,7.351,1.
.1,928,73.319,1800.0,1100.0,4748.2,4748.2,4850.0,51.6,34.7,34.0,68.4,117.2,Nein,Nein,Nein,7.290,1.
.8,087,72.460,1800.0,1100.0,4731.1,4731.1,4850.0,51.0,34.2,33.5,68.1,116.9,Nein,Nein,Nein,7.288,1
.9,392,73.740,1800.0,1100.0,4723.2,4723.2,4850.0,51.9,35.1,34.6,68.2,118.0,Nein,Nein,Nein,7.517,1
.0,035,74.466,1800.0,1100.0,4746.8,4746.8,4850.0,52.4,35.6,35.0,68.6,117.7,Nein,Nein,Nein,7.457,1
.0,329,74.719,1800.0,1100.0,4754.1,4754.1,4850.0,52.6,35.7,35.9,68.8,116.9,Nein,Nein,Nein,7.691,1

i0.591,74.986,1800.0,1100.0,4755.3,4755.3,4848.1,52.8,35.8,36.3,69.3,115.8,Nein,Nein,Nein,7.714,1
i9.362,73.764,1800.0,1100.0,4740.6,4740.6,4850.0,51.9,35.0,34.9,68.6,116.1,Nein,Nein,Nein,7.695,1
i9.895,74.340,1800.0,1100.0,4744.1,4744.1,4850.0,52.4,35.4,36.3,69.2,114.5,Nein,Nein,Nein,7.720,1
i.429,73.826,1800.0,1100.0,4734.9,4734.9,4850.0,52.0,35.2,34.8,68.3,116.8,Nein,Nein,Nein,7.536,1.
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i0.888,75.329,1800.0,1100.0,4743.9,4743.9,4849.4,53.0,36.1,37.0,69.5,114.4,Nein,Nein,Nein,7.785,1
i68,72.553,1800.0,1100.0,4738.8,4738.8,4850.0,51.1,34.2,34.7,68.3,114.3,Nein,Nein,Nein,7.586,1.2
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,63.822,78.229,1800.0,1100.0,4812.7,4812.7,4848.2,55.1,38.0,39.1,72.4,113.2,Nein,Nein,Nein,7.686
i6,61.715,76.188,1800.0,1100.0,4758.1,4758.1,4847.9,53.7,36.7,37.9,70.3,113.8,Nein,Nein,Nein,7.81
i0,61.444,75.869,1800.0,1100.0,4742.6,4742.6,4846.5,53.4,36.4,37.1,70.0,114.6,Nein,Nein,Nein,8.03
i3,62.924,77.381,1800.0,1100.0,4756.2,4756.2,4849.9,54.5,37.6,38.4,70.0,115.7,Nein,Nein,Nein,8.27
i79,61.382,75.845,1800.0,1100.0,4743.6,4743.6,4850.0,53.4,36.5,36.6,69.5,116.9,Nein,Nein,Nein,8.0
,61.041,75.488,1800.0,1100.0,4746.8,4746.8,4850.0,53.2,36.3,36.5,69.2,116.2,Nein,Nein,Nein,8.007
,15.471,67.814,82.352,1800.0,1100.0,4781.2,4781.2,4841.5,58.0,40.9,44.4,73.4,112.1,Nein,Nein,Nei
i35,66.780,81.299,1800.0,1100.0,4795.3,4795.3,4848.4,57.3,40.2,42.9,72.2,114.7,Nein,Nein,Nein,8.6
i62,64.925,79.493,1800.0,1100.0,4775.7,4775.7,4849.9,56.0,38.8,41.9,71.1,114.2,Nein,Nein,Nein,8.7
i62,64.925,79.493,1800.0,1100.0,4775.7,4775.7,4849.9,56.0,38.8,41.9,71.1,114.2,Nein,Nein,Nein,8.7
i4,65.177,79.713,1800.0,1100.0,4784.5,4784.5,4849.7,56.1,39.0,41.6,71.5,114.9,Nein,Nein,Nein,8.69
i6,65.427,79.938,1800.0,1100.0,4772.2,4772.2,4849.0,56.3,39.2,41.9,72.1,113.4,Nein,Nein,Nein,8.52
i3.340,77.861,1800.0,1100.0,4769.3,4769.3,4849.9,54.8,37.8,39.3,70.3,116.2,Nein,Nein,Nein,8.399,1
i7,63.212,77.699,1800.0,1100.0,4765.7,4765.7,4849.9,54.7,37.6,39.9,70.3,114.8,Nein,Nein,Nein,8.65
,15.550,66.555,81.140,1800.0,1100.0,4771.4,4771.4,4847.8,57.1,40.0,43.5,72.2,113.6,Nein,Nein,Nei
i585,66.061,80.706,1800.0,1100.0,4785.9,4785.9,4850.0,56.8,39.6,43.1,71.9,114.0,Nein,Nein,Nein,9.
i561,64.263,78.783,1800.0,1100.0,4772.4,4772.4,4849.9,55.5,38.2,41.3,70.9,114.4,Nein,Nein,Nein,8.
i412,15.574,65.986,80.632,1800.0,1100.0,4772.6,4772.6,4847.7,56.8,39.5,43.3,71.8,112.8,Nein,Nein,
i.558,66.455,81.034,1800.0,1100.0,4782.7,4782.7,4848.9,57.1,39.8,42.5,71.7,114.5,Nein,Nein,Nein,8
i565,67.272,81.890,1800.0,1100.0,4779.8,4779.8,4848.9,57.7,40.4,44.2,72.6,113.2,Nein,Nein,Nein,9.
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i.614,66.606,81.219,1800.0,1100.0,4774.5,4774.5,4849.2,57.2,40.0,42.9,71.6,115.5,Nein,Nein,Nein,9
i.628,67.209,81.800,1800.0,1100.0,4786.1,4786.1,4848.5,57.6,40.4,43.4,72.0,115.3,Nein,Nein,Nein,9
,15.604,67.138,81.771,1800.0,1100.0,4783.6,4783.6,4849.3,57.6,40.4,43.1,72.0,115.2,Nein,Nein,Nei
i46,65.944,80.513,1800.0,1100.0,4771.4,4771.4,4849.8,56.7,39.5,41.9,71.8,115.0,Nein,Nein,Nein,8.7
i579,66.019,80.579,1800.0,1100.0,4779.0,4779.0,4849.9,56.7,39.6,41.3,71.6,116.0,Nein,Nein,Nein,8.
i.498,65.394,79.917,1800.0,1100.0,4788.6,4788.6,4849.4,56.3,39.1,41.9,72.4,113.1,Nein,Nein,Nein,8
i465,63.046,77.574,1800.0,1100.0,4764.5,4764.5,4849.5,54.6,37.5,39.6,70.8,113.8,Nein,Nein,Nein,8.
i1.207,75.712,1800.0,1100.0,4744.4,4744.4,4849.5,53.3,36.2,37.2,70.0,114.7,Nein,Nein,Nein,8.155,1
i57,63.090,77.629,1800.0,1100.0,4765.3,4765.3,4849.8,54.7,37.6,39.7,70.4,114.3,Nein,Nein,Nein,8.5
i466,63.365,77.893,1800.0,1100.0,4767.9,4767.9,4849.9,54.9,37.7,40.2,70.8,113.7,Nein,Nein,Nein,8.
,61.652,76.169,1800.0,1100.0,4761.0,4761.0,4848.9,53.6,36.5,38.6,70.0,113.9,Nein,Nein,Nein,8.374
,60.954,75.452,1800.0,1100.0,4749.5,4749.5,4850.0,53.1,36.0,37.5,69.5,114.6,Nein,Nein,Nein,8.230
i0,61.212,75.761,1800.0,1100.0,4753.8,4753.8,4845.8,53.4,36.2,38.7,70.3,111.9,Nein,Nein,Nein,8.47
,60.515,74.994,1800.0,1100.0,4756.6,4756.6,4850.0,52.8,35.7,37.5,69.6,113.4,Nein,Nein,Nein,8.164
i.756,75.289,1800.0,1100.0,4761.5,4761.5,4850.0,53.0,35.9,37.7,69.8,113.0,Nein,Nein,Nein,8.185,1.
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i581,64.215,78.814,1800.0,1100.0,4757.4,4757.4,4847.3,55.5,38.4,39.9,70.7,115.4,Nein,Nein,Nein,9.
,63.750,78.279,1800.0,1100.0,4761.5,4761.5,4848.8,55.1,38.0,39.4,70.6,115.9,Nein,Nein,Nein,8.399
i3,65.195,79.720,1800.0,1100.0,4774.5,4774.5,4848.0,56.1,39.0,40.6,72.4,115.3,Nein,Nein,Nein,8.23
i514,72.923,1800.0,1100.0,4728.0,4728.0,4850.0,51.4,34.4,33.4,68.7,117.0,Nein,Nein,Nein,7.380,1.6

1.468,72.837,1800.0,1100.0,4725.9,4725.9,4849.9,51.3,34.4,32.6,68.8,116.6,Nein,Nein,Nein,6.962,1.
439,70.781,1800.0,1100.0,4702.3,4702.3,4850.0,49.8,33.0,31.0,67.5,117.2,Nein,Nein,Nein,6.924,1.5
958,70.324,1800.0,1100.0,4702.6,4702.6,4850.0,49.5,32.6,30.8,67.3,116.7,Nein,Nein,Nein,6.946,1.5
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66,69.908,1800.0,1100.0,4694.5,4694.5,4850.0,49.2,32.4,29.9,67.0,117.6,Nein,Nein,Nein,6.678,1.48
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10.405,74.916,1800.0,1100.0,4760.6,4760.6,4849.3,52.8,35.6,37.1,69.3,114.1,Nein,Nein,Nein,8.158,1.
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9,63.644,78.156,1800.0,1100.0,4772.6,4772.6,4850.0,55.0,37.9,39.1,70.0,117.0,Nein,Nein,Nein,8.35
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11.516,67.039,81.624,1800.0,1100.0,4780.2,4780.2,4847.1,57.5,40.3,43.6,73.0,112.6,Nein,Nein,Nein,8.
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70,64.726,79.259,1800.0,1100.0,4776.6,4776.6,4849.7,55.8,38.7,40.8,71.9,114.4,Nein,Nein,Nein,8.5
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,15.589,67.683,82.238,1800.0,1100.0,4789.0,4789.0,4845.4,57.9,40.7,43.4,72.6,114.4,Nein,Nein,Nei
11.537,65.497,80.105,1800.0,1100.0,4759.0,4759.0,4849.3,56.4,39.3,42.0,71.5,114.0,Nein,Nein,Nein,8.
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10,65.554,80.047,1800.0,1100.0,4781.7,4781.7,4848.8,56.4,39.2,41.7,72.3,114.2,Nein,Nein,Nein,8.5
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8,62.277,76.809,1800.0,1100.0,4760.8,4760.8,4849.9,54.1,37.0,38.1,70.2,115.5,Nein,Nein,Nein,8.17
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326,73.766,1800.0,1100.0,4727.9,4727.9,4850.0,51.9,35.0,35.2,68.3,116.3,Nein,Nein,Nein,7.712,1.7
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19.128,73.608,1800.0,1100.0,4736.6,4736.6,4850.0,51.8,34.8,35.7,69.4,113.3,Nein,Nein,Nein,7.935,1.
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541,66.842,81.393,1800.0,1100.0,4794.7,4794.7,4849.4,57.3,40.1,43.2,72.2,113.9,Nein,Nein,Nein,8.
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.5.535,66.004,80.587,1800.0,1100.0,4776.5,4776.5,4845.1,56.8,39.5,42.9,71.9,113.9,Nein,Nein,Nein
.5.522,65.965,80.550,1800.0,1100.0,4776.4,4776.4,4848.3,56.7,39.5,42.6,71.9,114.2,Nein,Nein,Nein
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.5.553,66.740,81.357,1800.0,1100.0,4782.8,4782.8,4846.2,57.3,39.9,43.9,72.7,112.2,Nein,Nein,Nein
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447,63.686,78.220,1800.0,1100.0,4764.3,4764.3,4850.0,55.1,38.0,40.7,70.7,113.2,Nein,Nein,Nein,8.
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i0,691,75.105,1800.0,1100.0,4723.5,4723.5,4850.0,52.9,36.0,35.8,68.8,117.1,Nein,Nein,Nein,7.972,1
,60.355,74.875,1800.0,1100.0,4742.3,4742.3,4849.9,52.7,35.8,36.1,68.8,116.2,Nein,Nein,Nein,8.127
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'834,72.262,1800.0,1100.0,4714.8,4714.8,4850.0,50.9,34.0,33.1,67.8,116.7,Nein,Nein,Nein,7.493,1.
i,744,73.190,1800.0,1100.0,4735.5,4735.5,4848.6,51.5,34.5,33.7,68.5,116.4,Nein,Nein,Nein,7.552,1.
,58.701,73.133,1800.0,1100.0,4730.9,4730.9,4849.8,51.5,34.5,35.1,68.7,114.5,Nein,Nein,Nein,7.800
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i0,219,74.710,1800.0,1100.0,4724.0,4724.0,4850.0,52.6,35.7,36.4,68.6,115.3,Nein,Nein,Nein,8.072,1
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51,62.820,77.360,1800.0,1100.0,4744.5,4744.5,4849.3,54.5,37.4,39.5,69.7,114.6,Nein,Nein,Nein,8.5
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88,15.616,68.605,83.225,1800.0,1100.0,4797.9,4797.9,4848.9,58.6,41.4,43.9,72.1,116.1,Nein,Nein,Nein,9
13,64.118,78.699,1800.0,1100.0,4770.0,4770.0,4850.0,55.4,38.3,40.3,71.2,115.5,Nein,Nein,Nein,8.7
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478,64.158,78.751,1800.0,1100.0,4764.1,4764.1,4845.3,55.5,38.3,40.8,71.3,113.4,Nein,Nein,Nein,8.
,61.920,76.458,1800.0,1100.0,4734.6,4734.6,4849.9,53.8,36.8,38.0,70.2,115.0,Nein,Nein,Nein,8.357
55,63.280,77.793,1800.0,1100.0,4749.9,4749.9,4850.0,54.8,37.7,39.5,70.2,114.8,Nein,Nein,Nein,8.5
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,62.534,77.056,1800.0,1100.0,4750.8,4750.8,4850.0,54.3,37.2,38.7,69.6,116.6,Nein,Nein,Nein,8.570
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16,69.985,1800.0,1100.0,4696.4,4696.4,4850.0,49.3,32.3,30.3,67.2,117.0,Nein,Nein,Nein,7.228,1.60

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i,526,66.196,80.812,1800.0,1100.0,4775.5,4775.5,4848.5,56.9,39.7,43.5,72.0,112.8,Nein,Nein,Nein,9
i,545,66.330,80.924,1800.0,1100.0,4773.8,4773.8,4849.9,57.0,39.7,43.3,71.9,113.0,Nein,Nein,Nein,9
26,63.659,78.224,1800.0,1100.0,4762.0,4762.0,4849.8,55.1,37.9,41.5,71.1,112.4,Nein,Nein,Nein,8.8
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74,65.188,79.790,1800.0,1100.0,4780.2,4780.2,4849.8,56.2,39.0,42.2,71.7,113.4,Nein,Nein,Nein,8.8
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6,15.501,69.097,83.708,1800.0,1100.0,4763.6,4763.6,4834.9,58.9,41.9,46.3,75.0,110.5,Nein,Nein,N
84,65.453,79.999,1800.0,1100.0,4762.5,4762.5,4849.8,56.3,39.1,42.6,72.2,112.3,Nein,Nein,Nein,8.9
30,65.714,80.279,1800.0,1100.0,4777.7,4777.7,4849.7,56.5,39.3,42.8,71.9,112.6,Nein,Nein,Nein,8.9
2,64.017,78.611,1800.0,1100.0,4766.5,4766.5,4849.2,55.4,38.2,40.3,71.8,112.8,Nein,Nein,Nein,8.64
i8.233,72.675,1800.0,1100.0,4723.1,4723.1,4850.0,51.2,34.1,34.3,68.8,114.1,Nein,Nein,Nein,8.106,1
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723,15.615,72.337,86.994,1800.0,1100.0,4802.4,4782.9,4831.0,61.3,44.1,48.5,76.4,111.9,Nein,Nein,
723,15.615,72.337,86.994,1800.0,1100.0,4782.9,4782.9,4831.0,61.3,44.1,48.5,76.4,111.9,Nein,Nein,
513,64.980,79.493,1800.0,1100.0,4765.7,4765.7,4846.9,56.0,38.9,40.2,71.7,115.4,Nein,Nein,Nein,8.
59,63.613,78.092,1800.0,1100.0,4761.9,4761.9,4849.8,55.0,38.0,39.3,70.6,115.8,Nein,Nein,Nein,7.9
,62.644,77.132,1800.0,1100.0,4755.4,4755.4,4849.1,54.3,37.3,38.7,70.4,114.6,Nein,Nein,Nein,8.200
4,61.698,76.209,1800.0,1100.0,4736.4,4736.4,4849.4,53.7,36.7,37.1,70.0,115.8,Nein,Nein,Nein,8.09
,60.408,74.888,1800.0,1100.0,4736.3,4736.3,4850.0,52.7,35.8,36.7,68.9,115.0,Nein,Nein,Nein,8.077
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8,59.685,74.166,1800.0,1100.0,4723.8,4723.8,4849.9,52.2,35.3,35.8,68.8,114.9,Nein,Nein,Nein,8.00
,60.205,74.648,1800.0,1100.0,4736.9,4736.9,4850.0,52.6,35.6,35.7,68.9,115.6,Nein,Nein,Nein,7.750
01,61.990,76.499,1800.0,1100.0,4754.5,4754.5,4849.8,53.9,36.8,38.8,70.1,113.2,Nein,Nein,Nein,8.1
24,64.531,79.097,1800.0,1100.0,4778.8,4778.8,4850.0,55.7,38.5,41.1,70.9,114.1,Nein,Nein,Nein,8.6
2,62.303,76.801,1800.0,1100.0,4740.8,4740.8,4849.9,54.1,37.1,38.6,70.2,114.3,Nein,Nein,Nein,7.94
,61.519,75.990,1800.0,1100.0,4755.0,4755.0,4849.7,53.5,36.4,38.4,70.1,113.1,Nein,Nein,Nein,7.966
i,435,62.384,76.905,1800.0,1100.0,4740.2,4740.2,4849.0,54.2,37.1,38.4,70.5,113.5,Nein,Nein,Nein,7
i,483,65.606,80.176,1800.0,1100.0,4778.7,4778.7,4848.4,56.5,39.2,42.6,72.4,111.9,Nein,Nein,Nein,8
62,15.610,66.372,80.945,1800.0,1100.0,4779.1,4779.1,4849.7,57.0,39.7,44.0,72.5,112.3,Nein,Nein,Nein,8
.5.639,66.806,81.482,1800.0,1100.0,4771.9,4771.9,4849.4,57.4,40.1,43.2,72.4,113.9,Nein,Nein,Nein,8
i,640,66.024,80.588,1800.0,1100.0,4768.0,4768.0,4849.9,56.8,39.5,42.0,71.8,114.9,Nein,Nein,Nein,8
07,64.981,79.558,1800.0,1100.0,4768.9,4768.9,4849.8,56.0,38.8,40.5,71.1,116.1,Nein,Nein,Nein,8.6
i6,141,15.632,71.773,86.352,1800.0,1100.0,4778.1,4778.1,4831.9,60.8,43.7,47.4,75.1,112.5,Nein,Nein,Nein,8
.5.664,72.897,87.551,1800.0,1100.0,4828.8,4828.8,4836.4,61.7,44.3,47.5,77.3,112.7,Nein,Nein,Nein,8
3,67.672,82.230,1800.0,1100.0,4815.0,4815.0,4845.5,57.9,40.6,41.8,74.4,114.5,Nein,Nein,Nein,8.25
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34,67.986,82.484,1800.0,1100.0,4786.7,4786.7,4818.0,58.1,40.7,40.8,75.6,114.6,Nein,Nein,Nein,7.8
105,78.567,1800.0,1100.0,4814.3,4814.3,4849.7,55.3,38.0,38.6,72.4,115.1,Nein,Nein,Nein,7.727,2.0
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58,64.322,78.891,1800.0,1100.0,4772.7,4772.7,4849.6,55.6,38.3,40.2,71.4,115.1,Nein,Nein,Nein,8.6
98,65.664,80.214,1800.0,1100.0,4777.3,4777.3,4849.2,56.5,39.2,41.4,72.3,114.2,Nein,Nein,Nein,8.7
31,64.362,78.955,1800.0,1100.0,4767.3,4767.3,4850.0,55.6,38.3,40.3,71.0,115.9,Nein,Nein,Nein,8.7
26,64.816,79.399,1800.0,1100.0,4773.6,4773.6,4850.0,55.9,38.6,40.9,71.1,115.6,Nein,Nein,Nein,8.7
0,65.186,79.764,1800.0,1100.0,4764.1,4764.1,4850.0,56.2,38.9,40.6,71.0,116.7,Nein,Nein,Nein,8.67
89,64.572,79.168,1800.0,1100.0,4773.2,4773.2,4850.0,55.8,38.5,40.6,70.9,115.2,Nein,Nein,Nein,8.7
25,65.359,79.917,1800.0,1100.0,4775.4,4775.4,4849.1,56.3,39.0,41.1,71.2,116.1,Nein,Nein,Nein,8.8
i2,786,77.369,1800.0,1100.0,4765.7,4765.7,4850.0,54.5,37.3,37.8,70.2,118.0,Nein,Nein,Nein,8.354,2
,62.718,77.257,1800.0,1100.0,4763.0,4763.0,4850.0,54.4,37.2,38.4,70.1,116.7,Nein,Nein,Nein,8.419
,62.630,77.185,1800.0,1100.0,4772.8,4772.8,4850.0,54.4,37.1,39.0,70.3,115.1,Nein,Nein,Nein,8.533
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46,62.483,77.026,1800.0,1100.0,4755.4,4755.4,4848.6,54.2,37.1,39.1,70.9,113.7,Nein,Nein,Nein,8.4
,62.291,76.795,1800.0,1100.0,4754.8,4754.8,4850.0,54.1,36.9,38.5,70.5,114.4,Nein,Nein,Nein,8.291
,61.391,75.917,1800.0,1100.0,4746.5,4746.5,4849.9,53.5,36.3,37.9,69.6,114.9,Nein,Nein,Nein,8.408
,61.973,76.508,1800.0,1100.0,4757.7,4757.7,4850.0,53.9,36.7,38.6,70.2,114.8,Nein,Nein,Nein,8.541
,61.854,76.439,1800.0,1100.0,4740.5,4740.5,4849.5,53.8,36.6,38.7,70.3,113.5,Nein,Nein,Nein,8.631
,62.210,76.714,1800.0,1100.0,4755.4,4755.4,4848.2,54.0,36.8,39.2,71.1,112.9,Nein,Nein,Nein,8.496
,60.240,74.748,1800.0,1100.0,4732.9,4732.9,4850.0,52.6,35.5,37.0,69.7,113.9,Nein,Nein,Nein,8.320
,59.734,74.277,1800.0,1100.0,4744.5,4744.5,4850.0,52.3,35.1,37.1,69.8,112.4,Nein,Nein,Nein,8.275
,61.513,76.033,1800.0,1100.0,4757.2,4757.2,4850.0,53.5,36.4,37.9,70.1,114.7,Nein,Nein,Nein,8.301
,62.807,77.325,1800.0,1100.0,4751.5,4751.5,4849.5,54.5,37.3,38.6,70.6,115.5,Nein,Nein,Nein,8.465
498,63.585,78.122,1800.0,1100.0,4755.2,4755.2,4844.1,55.0,37.8,39.4,71.3,114.7,Nein,Nein,Nein,8
i1,105,75.650,1800.0,1100.0,4739.4,4739.4,4850.0,53.3,36.2,37.0,69.8,116.5,Nein,Nein,Nein,8.342,1
,62.576,77.076,1800.0,1100.0,4755.0,4755.0,4850.0,54.3,37.1,38.5,70.3,116.0,Nein,Nein,Nein,8.476
i2,725,77.255,1800.0,1100.0,4755.8,4755.8,4849.7,54.4,37.3,38.4,70.4,116.8,Nein,Nein,Nein,8.514,1
,15.669,69.249,83.868,1800.0,1100.0,4772.9,4772.9,4832.3,59.1,41.8,43.4,74.3,115.0,Nein,Nein,Nei
,62.368,76.907,1800.0,1100.0,4752.7,4752.7,4850.0,54.2,37.0,38.1,70.5,115.3,Nein,Nein,Nein,8.470
i2,479,77.012,1800.0,1100.0,4769.7,4769.7,4850.0,54.2,37.0,38.6,70.7,114.6,Nein,Nein,Nein,8.462,1
i1,672,76.231,1800.0,1100.0,4755.3,4755.3,4850.0,53.7,36.5,38.2,70.6,114.4,Nein,Nein,Nein,8.476,1

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,61.865,76.407,1800.0,1100.0,4745.1,4745.1,4849.9,53.8,36.7,38.1,70.3,115.1,Nein,Nein,Nein,8.546
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i0.991,75.524,1800.0,1100.0,4750.2,4750.2,4850.0,53.2,36.0,37.4,70.0,114.4,Nein,Nein,Nein,8.338,1
,62.311,76.796,1800.0,1100.0,4750.0,4750.0,4850.0,54.1,36.9,38.8,70.3,114.3,Nein,Nein,Nein,8.513
i1.437,75.967,1800.0,1100.0,4750.5,4750.5,4850.0,53.5,36.3,38.3,70.3,112.9,Nein,Nein,Nein,8.354,1
27,61.641,76.177,1800.0,1100.0,4755.2,4755.2,4849.9,53.6,36.5,37.8,70.2,115.4,Nein,Nein,Nein,8.2
,60.701,75.146,1800.0,1100.0,4740.8,4740.8,4849.8,52.9,35.9,36.9,69.9,115.0,Nein,Nein,Nein,8.080
,62.081,76.565,1800.0,1100.0,4750.2,4750.2,4849.9,53.9,36.9,37.6,70.6,116.1,Nein,Nein,Nein,8.158
i0.975,75.415,1800.0,1100.0,4735.3,4735.3,4849.9,53.1,36.2,36.2,70.0,116.5,Nein,Nein,Nein,7.810,1
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i.973,73.386,1800.0,1100.0,4718.8,4718.8,4849.9,51.7,34.8,33.4,68.9,117.6,Nein,Nein,Nein,7.518,1.
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65,64.884,79.368,1800.0,1100.0,4771.0,4771.0,4848.8,55.9,38.8,41.3,72.1,113.9,Nein,Nein,Nein,8.2
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i.312,64.956,79.429,1800.0,1100.0,4763.3,4763.3,4848.3,55.9,38.9,41.6,72.5,112.8,Nein,Nein,Nein,8.
326,64.073,78.512,1800.0,1100.0,4777.3,4777.3,4848.6,55.3,38.2,40.3,71.8,113.7,Nein,Nein,Nein,8.
,64.216,78.693,1800.0,1100.0,4755.7,4755.7,4849.5,55.4,38.4,40.0,71.8,114.4,Nein,Nein,Nein,8.022
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i3.218,77.662,1800.0,1100.0,4745.4,4745.4,4843.5,54.7,37.7,38.1,72.0,116.5,Nein,Nein,Nein,8.036,1
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7,65.512,80.022,1800.0,1100.0,4761.0,4761.0,4849.1,56.4,39.3,40.4,72.1,116.3,Nein,Nein,Nein,8.08
i2.360,76.795,1800.0,1100.0,4750.1,4750.1,4850.0,54.1,37.1,37.5,70.7,115.4,Nein,Nein,Nein,7.745,1
i1.423,75.825,1800.0,1100.0,4749.2,4749.2,4849.9,53.4,36.5,35.9,70.4,116.8,Nein,Nein,Nein,7.586,1
47,72.658,1800.0,1100.0,4789.8,4789.8,4849.9,51.2,34.5,32.0,70.5,119.1,Nein,Nein,Nein,4.386,0.77
196,1800.0,1100.0,4844.7,4844.7,4846.3,52.3,35.8,32.9,72.8,115.9,Nein,Nein,Nein,1.670,0.391,2.7,6
tiver Takt [MHz]","Core 2 T0 Effektiver Takt [MHz]","Core 2 T1 Effektiver Takt [MHz]","Core 3 T0 Effe
0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD Ryzen 7 5800X,CPU [#0]: AMD

ktiver Takt [MHz]" , "Co
72,0.700,0.694,1.548,3.372,1.83
12,5.000,1.156,1.500,1.246,0.700,0.
1.312,5.000,1.156,1.496,1.326,0.702,
1.0,55.5,12.312,4.990,1.158,1.500,1.36
312,4.990,1.156,1.496,1.202,0.704,0
14.0,43.0,56.0,12.288,5.000,1.156,1.496
1.5,43.0,56.0,12.264,5.000,1.158,1.496,
16.0,12.288,4.990,1.158,1.496,1.348,0
5,56.0,12.312,4.990,1.156,1.496,1.316
0,43.0,45.0,42.5,56.0,12.312,5.000,1.156
00,1.156,1.496,1.138,0.706,0.698,1
1.2.312,4.990,1.156,1.496,1.158,0.708
8,5.000,1.156,1.496,1.226,0.710,0.6
88,5.000,1.156,1.496,1.338,0.710,0.
2,4.990,1.154,1.496,1.168,0.712,0.6
5,42.5,56.0,12.288,5.000,1.156,1.500,1
14.5,42.5,56.0,12.288,4.990,1.158,1.496
,42.0,56.0,12.312,5.000,1.154,1.496,1.
,45.0,42.0,56.0,12.288,5.000,1.158,1.50
0,56.0,12.312,4.990,1.156,1.496,1.228
lein,Nein,3.564,0.933,3.3,68.0,44.0,56.0,43.0,45
,0.958,3.0,70.0,44.0,56.5,43.0,46.0,42.0,56.5
1.0,43.5,56.0,43.0,46.0,42.0,56.0,12.264,4.
,1.164,3.6,71.0,44.0,56.5,43.0,46.5,42.0,56.5
1.1,71.0,44.0,56.5,43.0,46.5,42.0,56.5,12.28
,43.5,56.5,43.0,46.5,42.0,56.5,12.288,4.99
4,67.0,43.5,56.5,43.0,46.5,42.0,56.5,12.288
lein,5.876,2.079,3.7,71.0,43.5,56.5,43.0,47.0,4
16.5,42.0,56.5,12.312,5.000,1.156,1.496
1.0,56.0,12.312,5.000,1.156,1.496,1.18
1.0,46.0,42.0,56.0,12.312,4.990,1.156,1.
16.0,42.0,56.0,12.312,4.990,1.156,1.496
,56.0,43.0,45.5,42.0,56.0,12.312,5.000,1.
,56.0,12.312,5.000,1.156,1.496,1.254,
,12.312,4.990,1.156,1.496,1.212,0.72
1.0,12.312,5.000,1.156,1.496,1.208,0.
12.5,45.0,41.5,56.0,12.288,4.990,1.156,1
5,56.0,12.312,5.000,1.156,1.496,1.222
1.0,12.288,5.000,1.156,1.496,1.176,0.
0,12.312,4.990,1.156,1.496,1.286,0.7
5,56.0,42.5,45.0,41.5,56.0,12.288,4.990,1
,56.0,42.5,45.5,41.5,56.0,12.312,4.990,1.
12.5,45.5,41.5,56.0,12.288,4.990,1.158,1
,45.5,41.5,56.0,12.288,4.990,1.158,1.49
1.5,45.5,41.5,56.0,12.312,4.990,1.158,1.
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