Performance Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Number of items | Time Profile | Peak Memory | Opt. Error |
| 1 | <0.05sec | <110MB | 0 |
| 20 | <1.5sec | <110MB | <5% |
| 100 | ~=15sec | <110MB | NA |
| 1000 | 200~240sec | <110MB | NA |

#Opt. Error is the difference between the results of 2-opt and theoretically best route. For 100-item and 1000-item orders, it’s hard to get the theoretically best route.

## Average time spent & amount of memory used for calculating the path for a single item is negligible.

line\_profiler & memory\_profiler:

tt distance

40.0

bestPath order

[0, 16, 17, 18, 19, 20, 21, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0]

Path

[ 0. 0. 0.]

[ 2.26774000e+05 4.20000000e+00 6.00000000e+00]

[ 3.32555000e+05 3.10000000e+00 7.00000000e+00]

[ 1.05912000e+05 3.20000000e+00 7.00000000e+00]

[ 1.03313000e+05 3.30000000e+00 7.00000000e+00]

[ 2.27534000e+05 3.30000000e+00 7.00000000e+00]

[ 3.84900000e+05 7.10000000e+00 7.00000000e+00]

[ 4.79020000e+05 6.30000000e+00 5.00000000e+00]

[ 1.37218400e+06 5.40000000e+00 5.00000000e+00]

[ 7.69581000e+05 5.40000000e+00 5.00000000e+00]

[ 3.65797000e+05 1.00000000e+01 4.00000000e+00]

[ 6.80480000e+04 7.20000000e+00 4.00000000e+00]

[ 7.36831000e+05 7.00000000e+00 4.00000000e+00]

[ 7.36830000e+05 7.00000000e+00 4.00000000e+00]

[ 9.70770000e+04 5.30000000e+00 4.00000000e+00]

[ 4.27230000e+05 5.10000000e+00 4.00000000e+00]

[ 3.91680000e+05 5.20000000e+00 3.00000000e+00]

[ 3.72539000e+05 5.20000000e+00 3.00000000e+00]

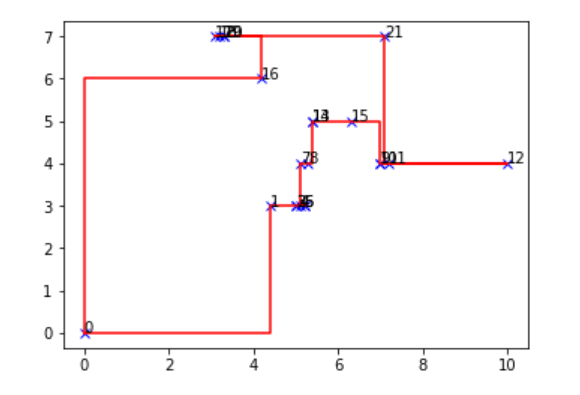
[ 3.96879000e+05 5.10000000e+00 3.00000000e+00]

[ 1.88856000e+05 5.00000000e+00 3.00000000e+00]

[ 1.17900000e+05 5.00000000e+00 3.00000000e+00]

[ 2.08660000e+05 4.40000000e+00 3.00000000e+00]

[ 0. 0. 0.]



peak memory: 108.17 MiB, increment: 0.11 MiB

Timer unit: 3.01154e-07 s

Total time: 1.20393 s

File: <ipython-input-27-821c55edd962>

Function: opt2 at line 144

Line # Hits Time Per Hit % Time Line Contents

==============================================================

144 def opt2():

145 #generate random path, from 0 and return to 0

146 1 45.0 45.0 0.0 bestPath = np.arange(0, len(orderInput))

147 1 92.0 92.0 0.0 bestPath = np.append(bestPath, 0)

148 #run opt-2 algrithom

149 1 3240310.0 3240310.0 81.1 bestPath = pathOpt(bestPath)

150 1 419.0 419.0 0.0 print("tt distance ")

151 1 518.0 518.0 0.0 print(ttPathDist(bestPath))

152 1 82.0 82.0 0.0 print("bestPath order")

153 1 102.0 102.0 0.0 print(bestPath.tolist())

154 1 82.0 82.0 0.0 print("Path")

155 24 102.0 4.2 0.0 for i in bestPath:

156 23 20910.0 909.1 0.5 print(orderInput[i])

157 1 735043.0 735043.0 18.4 plotPath(bestPath)

Hello user, where is your worker? (format: 0,0)0,0

Where is your worker's end location? (format: 0,0 -now, same as start)0,0

startPoint [0, 0, 0]

endPoint [999999, 0, 0]

Which order?9

start Sun Apr 22 22:22:51 2018

tt distance

40.8

bestPath order

[0, 4, 5, 6, 7, 8, 16, 17, 18, 19, 20, 21, 12, 11, 10, 9, 15, 14, 13, 3, 2, 1, 0]

Path

[ 0. 0. 0.]

[ 3.96879000e+05 5.10000000e+00 3.00000000e+00]

[ 3.72539000e+05 5.20000000e+00 3.00000000e+00]

[ 3.91680000e+05 5.20000000e+00 3.00000000e+00]

[ 4.27230000e+05 5.10000000e+00 4.00000000e+00]

[ 9.70770000e+04 5.30000000e+00 4.00000000e+00]

[ 2.26774000e+05 4.20000000e+00 6.00000000e+00]

[ 3.32555000e+05 3.10000000e+00 7.00000000e+00]

[ 1.05912000e+05 3.20000000e+00 7.00000000e+00]

[ 1.03313000e+05 3.30000000e+00 7.00000000e+00]

[ 2.27534000e+05 3.30000000e+00 7.00000000e+00]

[ 3.84900000e+05 7.10000000e+00 7.00000000e+00]

[ 3.65797000e+05 1.00000000e+01 4.00000000e+00]

[ 6.80480000e+04 7.20000000e+00 4.00000000e+00]

[ 7.36831000e+05 7.00000000e+00 4.00000000e+00]

[ 7.36830000e+05 7.00000000e+00 4.00000000e+00]

[ 4.79020000e+05 6.30000000e+00 5.00000000e+00]

[ 1.37218400e+06 5.40000000e+00 5.00000000e+00]

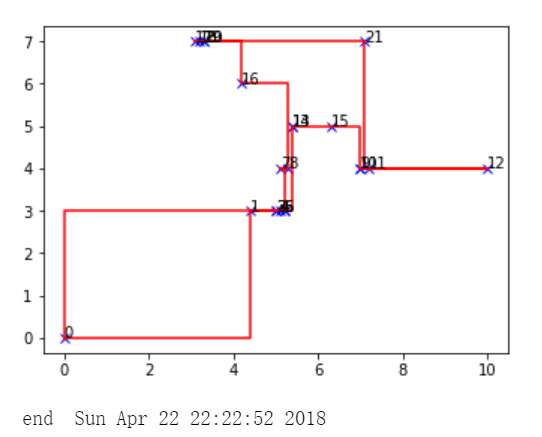
[ 7.69581000e+05 5.40000000e+00 5.00000000e+00]

[ 1.88856000e+05 5.00000000e+00 3.00000000e+00]

[ 1.17900000e+05 5.00000000e+00 3.00000000e+00]

[ 2.08660000e+05 4.40000000e+00 3.00000000e+00]

[ 0. 0. 0.]



end Sun Apr 22 22:22:52 2018

698917 function calls (695275 primitive calls) in 0.837 seconds

Ordered by: internal time

ncalls tottime percall cumtime percall filename:lineno(function)

165370 0.520 0.000 0.547 0.000 <ipython-input-5-db72dac922a1>:79(calDist)

12631 0.090 0.000 0.639 0.000 <ipython-input-5-db72dac922a1>:92(ttPathDist)

317918 0.027 0.000 0.027 0.000 {built-in method builtins.abs}

9017 0.017 0.000 0.017 0.000 {method 'randint' of 'mtrand.RandomState' objects}

2 0.013 0.006 0.013 0.006 {built-in method matplotlib.\_png.write\_png}

4210 0.013 0.000 0.030 0.000 <ipython-input-5-db72dac922a1>:104(genRandomPath)

4210 0.006 0.000 0.009 0.000 <ipython-input-5-db72dac922a1>:115(reversePath)

216 0.006 0.000 0.006 0.000 {method 'set\_text' of 'matplotlib.ft2font.FT2Font' objects}

696 0.006 0.000 0.006 0.000 {built-in method numpy.core.multiarray.dot}

3481 0.005 0.000 0.005 0.000 {built-in method numpy.core.multiarray.array}

1 0.005 0.005 0.685 0.685 <ipython-input-5-db72dac922a1>:120(pathOpt)

8128 0.005 0.000 0.005 0.000 \_\_init\_\_.py:825(\_\_getitem\_\_)

1444 0.004 0.000 0.004 0.000 {method 'reduce' of 'numpy.ufunc' objects}

4607 0.003 0.000 0.003 0.000 {method 'copy' of 'numpy.ndarray' objects}

136 0.003 0.000 0.033 0.000 text.py:330(\_get\_layout)

216 0.003 0.000 0.017 0.000 font\_manager.py:1244(findfont)

5789/5154 0.003 0.000 0.004 0.000 artist.py:230(stale)

158 0.003 0.000 0.021 0.000 lines.py:295(\_\_init\_\_)

25366 0.002 0.000 0.002 0.000 {built-in method builtins.len}

4210 0.002 0.000 0.287 0.000 <ipython-input-5-db72dac922a1>:99(pathCompare)

605 0.002 0.000 0.002 0.000 font\_manager.py:1175(score\_stretch)

605 0.002 0.000 0.002 0.000 font\_manager.py:1193(score\_weight)

86 0.002 0.000 0.026 0.000 text.py:740(draw)

8464/8103 0.002 0.000 0.006 0.000 {built-in method builtins.isinstance}

605 0.002 0.000 0.004 0.000 font\_manager.py:1114(score\_family)

773 0.002 0.000 0.003 0.000 font\_manager.py:705(\_\_hash\_\_)

353 0.002 0.000 0.002 0.000 artist.py:87(\_\_init\_\_)

918/404 0.001 0.000 0.002 0.000 transforms.py:135(\_invalidate\_internal)

82 0.001 0.000 0.005 0.000 lines.py:649(recache)

983 0.001 0.000 0.004 0.000 abc.py:178(\_\_instancecheck\_\_)

605 0.001 0.000 0.002 0.000 font\_manager.py:1137(<listcomp>)

348 0.001 0.000 0.003 0.000 artist.py:813(update)

262 0.001 0.000 0.001 0.000 twodim\_base.py:139(eye)

216 0.001 0.000 0.018 0.000 backend\_agg.py:265(\_get\_agg\_font)

1966 0.001 0.000 0.001 0.000 \_weakrefset.py:70(\_\_contains\_\_)

165 0.001 0.000 0.004 0.000 font\_manager.py:659(\_\_init\_\_)

8986 0.001 0.000 0.001 0.000 {method 'lower' of 'str' objects}

1094 0.001 0.000 0.001 0.000 transforms.py:1753(\_\_init\_\_)

1710 0.001 0.000 0.001 0.000 transforms.py:83(\_\_init\_\_)

2631 0.001 0.000 0.001 0.000 {built-in method builtins.getattr}

30 0.001 0.000 0.001 0.000 {method 'draw\_markers' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

72 0.001 0.000 0.001 0.000 {method 'draw\_text\_image' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

300/182 0.001 0.000 0.002 0.000 transforms.py:2473(get\_affine)

62 0.001 0.000 0.001 0.000 iostream.py:180(schedule)

294 0.001 0.000 0.002 0.000 transforms.py:749(\_\_init\_\_)

52/44 0.001 0.000 0.037 0.001 axis.py:68(\_\_init\_\_)

72 0.001 0.000 0.001 0.000 {method 'acquire' of '\_thread.lock' objects}

1158 0.001 0.000 0.002 0.000 artist.py:288(pchanged)

197/9 0.001 0.000 0.002 0.000 abc.py:194(\_\_subclasscheck\_\_)

32 0.001 0.000 0.007 0.000 lines.py:731(draw)

310/299 0.001 0.000 0.002 0.000 units.py:124(get\_converter)

72 0.001 0.000 0.007 0.000 backend\_agg.py:183(draw\_text)

5791 0.001 0.000 0.001 0.000 artist.py:696(get\_animated)

659 0.001 0.000 0.003 0.000 transforms.py:1898(\_\_init\_\_)

119 0.001 0.000 0.002 0.000 transforms.py:1992(rotate)

69 0.001 0.000 0.001 0.000 arrayprint.py:668(\_\_call\_\_)

1183 0.001 0.000 0.001 0.000 six.py:586(iteritems)

489 0.001 0.000 0.001 0.000 transforms.py:162(set\_children)

2933 0.001 0.000 0.003 0.000 {method 'get' of 'dict' objects}

2547 0.001 0.000 0.001 0.000 {built-in method builtins.iter}

14 0.001 0.000 0.001 0.000 {method 'draw\_path' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

479 0.001 0.000 0.001 0.000 {built-in method numpy.core.multiarray.zeros}

1483/927 0.001 0.000 0.002 0.000 {built-in method builtins.hash}

133 0.001 0.000 0.003 0.000 text.py:188(\_\_init\_\_)

206 0.001 0.000 0.007 0.000 markers.py:251(set\_marker)

144 0.000 0.000 0.021 0.000 backend\_agg.py:214(get\_text\_width\_height\_descent)

1287 0.000 0.000 0.000 0.000 {built-in method builtins.hasattr}

1239 0.000 0.000 0.003 0.000 numeric.py:463(asarray)

156 0.000 0.000 0.000 0.000 {method 'round' of 'numpy.generic' objects}

23 0.000 0.000 0.001 0.000 arrayprint.py:617(fillFormat)

95 0.000 0.000 0.001 0.000 path.py:204(\_update\_values)

131 0.000 0.000 0.001 0.000 font\_manager.py:833(set\_weight)

174/2 0.000 0.000 0.076 0.038 artist.py:47(draw\_wrapper)

72 0.000 0.000 0.000 0.000 {method 'draw\_glyphs\_to\_bitmap' of 'matplotlib.ft2font.FT2Font' objects}

74 0.000 0.000 0.025 0.000 text.py:935(get\_window\_extent)

64 0.000 0.000 0.001 0.000 transforms.py:689(translated)

262 0.000 0.000 0.002 0.000 numeric.py:2365(identity)

144 0.000 0.000 0.000 0.000 text.py:64(get\_rotation)

345 0.000 0.000 0.002 0.000 fromnumeric.py:1886(any)

217 0.000 0.000 0.001 0.000 font\_manager.py:1005(<listcomp>)

158 0.000 0.000 0.001 0.000 lines.py:1047(set\_linestyle)

316 0.000 0.000 0.001 0.000 lines.py:1015(\_split\_drawstyle\_linestyle)

412 0.000 0.000 0.004 0.000 markers.py:200(\_recache)

247 0.000 0.000 0.001 0.000 artist.py:818(\_update\_property)

216/176 0.000 0.000 0.006 0.000 spines.py:440(get\_spine\_transform)

129 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.concatenate}

345 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.affine\_transform}

341 0.000 0.000 0.000 0.000 {method 'reshape' of 'numpy.ndarray' objects}

229 0.000 0.000 0.001 0.000 transforms.py:2371(\_\_init\_\_)

212 0.000 0.000 0.001 0.000 numeric.py:2667(seterr)

711 0.000 0.000 0.001 0.000 six.py:583(itervalues)

174 0.000 0.000 0.004 0.000 transforms.py:1406(transform)

338 0.000 0.000 0.001 0.000 transforms.py:1854(transform\_affine)

376 0.000 0.000 0.001 0.000 artist.py:596(set\_figure)

423 0.000 0.000 0.001 0.000 <frozen importlib.\_bootstrap>:997(\_handle\_fromlist)

173 0.000 0.000 0.006 0.000 transforms.py:2054(scale)

136 0.000 0.000 0.003 0.000 text.py:902(get\_prop\_tup)

116 0.000 0.000 0.001 0.000 backend\_bases.py:858(\_\_init\_\_)

294 0.000 0.000 0.001 0.000 fromnumeric.py:2275(amin)

404 0.000 0.000 0.002 0.000 transforms.py:124(invalidate)

210 0.000 0.000 0.002 0.000 text.py:888(get\_unitless\_position)

418 0.000 0.000 0.001 0.000 artist.py:66(\_stale\_axes\_callback)

296 0.000 0.000 0.001 0.000 font\_manager.py:977(\_normalize\_font\_family)

212 0.000 0.000 0.000 0.000 numeric.py:2767(geterr)

2449 0.000 0.000 0.000 0.000 artist.py:202(axes)

189 0.000 0.000 0.001 0.000 text.py:237(update)

166 0.000 0.000 0.004 0.000 transforms.py:1499(transform\_point)

297 0.000 0.000 0.001 0.000 fromnumeric.py:2174(amax)

131 0.000 0.000 0.000 0.000 font\_manager.py:869(set\_size)

295 0.000 0.000 0.002 0.000 colors.py:119(to\_rgba)

1 0.000 0.000 0.000 0.000 {built-in method gc.collect}

47 0.000 0.000 0.003 0.000 patches.py:705(\_update\_patch\_transform)

456 0.000 0.000 0.002 0.000 artist.py:184(convert\_xunits)

131 0.000 0.000 0.000 0.000 font\_manager.py:851(set\_stretch)

10 0.000 0.000 0.000 0.000 cycler.py:349(by\_key)

72 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1146(\_\_setitem\_\_)

84 0.000 0.000 0.001 0.000 shape\_base.py:314(column\_stack)

217 0.000 0.000 0.001 0.000 font\_manager.py:1003(make\_rcparams\_key)

317 0.000 0.000 0.001 0.000 \_\_init\_\_.py:2000(\_to\_unmasked\_float\_array)

216 0.000 0.000 0.000 0.000 backend\_agg.py:55(get\_hinting\_flag)

82 0.000 0.000 0.000 0.000 stride\_tricks.py:176(\_broadcast\_shape)

233 0.000 0.000 0.001 0.000 transforms.py:2552(composite\_transform\_factory)

175 0.000 0.000 0.001 0.000 \_weakrefset.py:58(\_\_iter\_\_)

1686 0.000 0.000 0.000 0.000 {method 'startswith' of 'str' objects}

80 0.000 0.000 0.000 0.000 artist.py:915(update\_from)

731 0.000 0.000 0.001 0.000 numeric.py:534(asanyarray)

6 0.000 0.000 0.005 0.001 ticker.py:1904(\_raw\_ticks)

292 0.000 0.000 0.002 0.000 axis.py:1484(convert\_units)

295 0.000 0.000 0.001 0.000 colors.py:98(\_is\_nth\_color)

305 0.000 0.000 0.001 0.000 artist.py:303(set\_transform)

72 0.000 0.000 0.001 0.000 path.py:170(\_fast\_from\_codes\_and\_verts)

302 0.000 0.000 0.002 0.000 \_\_init\_\_.py:2301(safe\_first\_element)

458 0.000 0.000 0.001 0.000 artist.py:193(convert\_yunits)

82 0.000 0.000 0.001 0.000 stride\_tricks.py:195(broadcast\_arrays)

216 0.000 0.000 0.004 0.000 font\_manager.py:1007(get)

6 0.000 0.000 0.020 0.003 axis.py:966(\_update\_ticks)

345 0.000 0.000 0.001 0.000 {method 'any' of 'numpy.ndarray' objects}

95 0.000 0.000 0.002 0.000 path.py:105(\_\_init\_\_)

158 0.000 0.000 0.002 0.000 lines.py:1160(set\_markerfacecolor)

486/344 0.000 0.000 0.000 0.000 transforms.py:2434(\_get\_is\_affine)

42 0.000 0.000 0.004 0.000 artist.py:629(set\_clip\_path)

135 0.000 0.000 0.002 0.000 transforms.py:806(from\_extents)

1379 0.000 0.000 0.000 0.000 font\_manager.py:737(get\_style)

290 0.000 0.000 0.000 0.000 {method 'match' of '\_sre.SRE\_Pattern' objects}

333 0.000 0.000 0.000 0.000 lines.py:63(\_scale\_dashes)

1379 0.000 0.000 0.000 0.000 font\_manager.py:752(get\_weight)

206 0.000 0.000 0.000 0.000 markers.py:226(set\_fillstyle)

54 0.000 0.000 0.000 0.000 ticker.py:776(pprint\_val)

216 0.000 0.000 0.017 0.000 font\_manager.py:1458(findfont)

290 0.000 0.000 0.000 0.000 re.py:286(\_compile)

1379 0.000 0.000 0.000 0.000 font\_manager.py:745(get\_variant)

206 0.000 0.000 0.007 0.000 markers.py:167(\_\_init\_\_)

247 0.000 0.000 0.000 0.000 text.py:1207(set\_text)

1561 0.000 0.000 0.000 0.000 {method 'items' of 'dict' objects}

348 0.000 0.000 0.001 0.000 artist.py:846(<listcomp>)

290 0.000 0.000 0.001 0.000 re.py:169(match)

12 0.000 0.000 0.002 0.000 patches.py:523(draw)

669/373 0.000 0.000 0.002 0.000 {built-in method builtins.issubclass}

1379 0.000 0.000 0.000 0.000 font\_manager.py:724(get\_family)

158 0.000 0.000 0.000 0.000 lines.py:1377(set\_dash\_capstyle)

158 0.000 0.000 0.001 0.000 lines.py:632(set\_data)

144 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1984(is\_math\_text)

158 0.000 0.000 0.001 0.000 lines.py:1172(set\_markerfacecoloralt)

27 0.000 0.000 0.005 0.000 axis.py:587(\_get\_gridline)

1379 0.000 0.000 0.000 0.000 font\_manager.py:761(get\_stretch)

4 0.000 0.000 0.000 0.000 linalg.py:449(inv)

20 0.000 0.000 0.000 0.000 transforms.py:2868(nonsingular)

379 0.000 0.000 0.000 0.000 {built-in method builtins.max}

158 0.000 0.000 0.000 0.000 lines.py:1000(set\_linewidth)

216 0.000 0.000 0.000 0.000 {method 'clear' of 'matplotlib.ft2font.FT2Font' objects}

25 0.000 0.000 0.005 0.000 axis.py:464(\_get\_gridline)

32 0.000 0.000 0.001 0.000 ticker.py:1866(\_staircase)

16/12 0.000 0.000 0.024 0.002 axis.py:780(reset\_ticks)

174 0.000 0.000 0.003 0.000 transforms.py:2449(transform\_affine)

48 0.000 0.000 0.002 0.000 lines.py:1228(update\_from)

23 0.000 0.000 0.002 0.000 arrayprint.py:535(\_formatArray)

1 0.000 0.000 0.100 0.100 backend\_bases.py:2107(print\_figure)

105 0.000 0.000 0.000 0.000 transforms.py:2729(\_\_init\_\_)

197 0.000 0.000 0.001 0.000 fromnumeric.py:55(\_wrapfunc)

353 0.000 0.000 0.000 0.000 <string>:12(\_\_new\_\_)

164 0.000 0.000 0.000 0.000 lines.py:35(\_get\_dash\_pattern)

245 0.000 0.000 0.000 0.000 artist.py:315(get\_transform)

1043 0.000 0.000 0.000 0.000 {built-in method builtins.id}

144 0.000 0.000 0.001 0.000 text.py:1218(is\_math\_text)

296 0.000 0.000 0.000 0.000 font\_manager.py:981(<listcomp>)

158 0.000 0.000 0.000 0.000 lines.py:1338(set\_dash\_joinstyle)

223 0.000 0.000 0.001 0.000 transforms.py:1266(\_\_add\_\_)

748 0.000 0.000 0.000 0.000 transforms.py:1935(get\_matrix)

35 0.000 0.000 0.000 0.000 traitlets.py:486(\_dynamic\_default\_callable)

430 0.000 0.000 0.000 0.000 {built-in method \_\_new\_\_ of type object at 0x000000007348B3F0}

94 0.000 0.000 0.001 0.000 transforms.py:2040(translate)

158 0.000 0.000 0.001 0.000 lines.py:715(set\_transform)

232 0.000 0.000 0.000 0.000 backend\_bases.py:1086(set\_foreground)

217 0.000 0.000 0.000 0.000 lines.py:1195(set\_xdata)

260 0.000 0.000 0.001 0.000 axis.py:309(\_set\_artist\_props)

216 0.000 0.000 0.000 0.000 {method 'set\_size' of 'matplotlib.ft2font.FT2Font' objects}

6 0.000 0.000 0.000 0.000 ticker.py:741(\_set\_format)

438 0.000 0.000 0.000 0.000 artist.py:210(axes)

128 0.000 0.000 0.001 0.000 transforms.py:343(xmin)

268/192 0.000 0.000 0.001 0.000 transforms.py:2403(\_invalidate\_internal)

176 0.000 0.000 0.000 0.000 transforms.py:2453(transform\_non\_affine)

995 0.000 0.000 0.000 0.000 font\_manager.py:775(get\_size\_in\_points)

990 0.000 0.000 0.000 0.000 font\_manager.py:778(get\_file)

444 0.000 0.000 0.001 0.000 \_methods.py:28(\_amin)

16 0.000 0.000 0.000 0.000 ticker.py:1847(\_validate\_steps)

345 0.000 0.000 0.001 0.000 \_methods.py:37(\_any)

53 0.000 0.000 0.001 0.000 transforms.py:1059(get\_points)

96 0.000 0.000 0.000 0.000 shape\_base.py:11(atleast\_1d)

158 0.000 0.000 0.000 0.000 lines.py:1184(set\_markersize)

25/23 0.000 0.000 0.007 0.000 axis.py:438(\_get\_tick1line)

288 0.000 0.000 0.000 0.000 {method 'count' of 'str' objects}

468 0.000 0.000 0.001 0.000 \_methods.py:25(\_amax)

12 0.000 0.000 0.025 0.002 axis.py:742(cla)

134 0.000 0.000 0.002 0.000 transforms.py:796(from\_bounds)

143/65 0.000 0.000 0.001 0.000 typing.py:1144(\_\_subclasscheck\_\_)

332 0.000 0.000 0.001 0.000 transforms.py:1774(transform)

684 0.000 0.000 0.000 0.000 transforms.py:986(get\_points)

27/25 0.000 0.000 0.005 0.000 axis.py:558(\_get\_tick1line)

247/115 0.000 0.000 0.003 0.000 \_base.py:756(get\_yaxis\_transform)

1040 0.000 0.000 0.000 0.000 {method 'append' of 'list' objects}

225 0.000 0.000 0.000 0.000 lines.py:1205(set\_ydata)

158 0.000 0.000 0.000 0.000 lines.py:1351(set\_solid\_joinstyle)

65 0.000 0.000 0.004 0.000 patches.py:216(get\_transform)

319 0.000 0.000 0.000 0.000 \_\_init\_\_.py:519(iterable)

177 0.000 0.000 0.001 0.000 fromnumeric.py:2723(around)

229/105 0.000 0.000 0.003 0.000 \_base.py:676(get\_xaxis\_transform)

131 0.000 0.000 0.001 0.000 transforms.py:364(ymax)

843 0.000 0.000 0.000 0.000 {method 'pop' of 'dict' objects}

27 0.000 0.000 0.002 0.000 axis.py:528(\_get\_text1)

128 0.000 0.000 0.001 0.000 transforms.py:350(ymin)

158 0.000 0.000 0.000 0.000 lines.py:1391(set\_solid\_capstyle)

27/25 0.000 0.000 0.005 0.000 axis.py:573(\_get\_tick2line)

158 0.000 0.000 0.000 0.000 lines.py:981(set\_drawstyle)

128 0.000 0.000 0.001 0.000 transforms.py:357(xmax)

160 0.000 0.000 0.000 0.000 lines.py:619(axes)

158 0.000 0.000 0.001 0.000 \_\_init\_\_.py:585(is\_numlike)

25/23 0.000 0.000 0.005 0.000 axis.py:449(\_get\_tick2line)

210 0.000 0.000 0.002 0.000 font\_manager.py:715(\_\_eq\_\_)

119 0.000 0.000 0.002 0.000 transforms.py:2008(rotate\_deg)

28 0.000 0.000 0.011 0.000 axis.py:267(draw)

56 0.000 0.000 0.001 0.000 iostream.py:342(write)

21 0.000 0.000 0.000 0.000 {method 'round' of 'numpy.ndarray' objects}

91 0.000 0.000 0.000 0.000 transforms.py:1826(frozen)

25 0.000 0.000 0.002 0.000 axis.py:405(\_get\_text1)

131 0.000 0.000 0.001 0.000 font\_manager.py:798(set\_family)

27 0.000 0.000 0.002 0.000 axis.py:543(\_get\_text2)

32 0.000 0.000 0.001 0.000 ticker.py:1874(set\_params)

92 0.000 0.000 0.000 0.000 contextlib.py:59(\_\_init\_\_)

158 0.000 0.000 0.000 0.000 lines.py:1148(set\_markeredgewidth)

133 0.000 0.000 0.000 0.000 text.py:997(set\_color)

25 0.000 0.000 0.002 0.000 axis.py:422(\_get\_text2)

133 0.000 0.000 0.000 0.000 text.py:1257(set\_usetex)

19 0.000 0.000 0.003 0.000 transforms.py:718(union)

2 0.000 0.000 0.000 0.000 backend\_agg.py:86(\_\_init\_\_)

212 0.000 0.000 0.000 0.000 {built-in method numpy.core.umath.seterrobj}

4 0.000 0.000 0.000 0.000 {built-in method builtins.dir}

158 0.000 0.000 0.000 0.000 lines.py:962(set\_antialiased)

4 0.000 0.000 0.001 0.000 \_base.py:2250(handle\_single\_axis)

182 0.000 0.000 0.000 0.000 {method 'ravel' of 'numpy.ndarray' objects}

92 0.000 0.000 0.000 0.000 contextlib.py:85(\_\_exit\_\_)

217 0.000 0.000 0.000 0.000 figure.py:54(\_stale\_figure\_callback)

116 0.000 0.000 0.000 0.000 artist.py:737(\_set\_gc\_clip)

27 0.000 0.000 0.001 0.000 \_base.py:781(get\_yaxis\_text1\_transform)

131 0.000 0.000 0.000 0.000 font\_manager.py:811(set\_style)

605 0.000 0.000 0.000 0.000 font\_manager.py:1147(score\_style)

712 0.000 0.000 0.000 0.000 {method 'values' of 'dict' objects}

42 0.000 0.000 0.001 0.000 transforms.py:1536(transform\_path\_non\_affine)

32 0.000 0.000 0.001 0.000 transforms.py:2783(\_revalidate)

158 0.000 0.000 0.000 0.000 lines.py:1135(set\_markeredgecolor)

22 0.000 0.000 0.004 0.000 \_axes.py:569(text)

112 0.000 0.000 0.000 0.000 artist.py:881(set\_zorder)

28 0.000 0.000 0.004 0.000 {built-in method builtins.print}

51 0.000 0.000 0.000 0.000 axis.py:602(update\_position)

139 0.000 0.000 0.001 0.000 {method 'all' of 'numpy.ndarray' objects}

117 0.000 0.000 0.000 0.000 \_weakrefset.py:26(\_\_exit\_\_)

149/129 0.000 0.000 0.002 0.000 traitlets.py:526(get)

25 0.000 0.000 0.000 0.000 \_base.py:701(get\_xaxis\_text1\_transform)

86 0.000 0.000 0.000 0.000 {method 'astype' of 'numpy.ndarray' objects}

605 0.000 0.000 0.000 0.000 font\_manager.py:1220(score\_size)

8 0.000 0.000 0.000 0.000 numeric.py:2522(within\_tol)

60 0.000 0.000 0.000 0.000 lines.py:1253(\_get\_rgba\_face)

23 0.000 0.000 0.000 0.000 {method 'compress' of 'numpy.ndarray' objects}

116 0.000 0.000 0.000 0.000 backend\_bases.py:1012(set\_alpha)

1 0.000 0.000 0.000 0.000 {built-in method nt.stat}

23 0.000 0.000 0.003 0.000 arrayprint.py:343(\_array2string)

47 0.000 0.000 0.001 0.000 transforms.py:2028(rotate\_deg\_around)

16 0.000 0.000 0.000 0.000 function\_base.py:1848(diff)

49 0.000 0.000 0.000 0.000 transforms.py:1034(\_\_init\_\_)

106 0.000 0.000 0.000 0.000 numeric.py:3069(\_\_exit\_\_)

60 0.000 0.000 0.018 0.000 axis.py:913(iter\_ticks)

7 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.arange}

177 0.000 0.000 0.001 0.000 fromnumeric.py:2792(round\_)

224/176 0.000 0.000 0.006 0.000 spines.py:161(\_ensure\_position\_is\_set)

131 0.000 0.000 0.000 0.000 font\_manager.py:823(set\_variant)

605 0.000 0.000 0.000 0.000 font\_manager.py:1164(score\_variant)

6 0.000 0.000 0.022 0.004 axis.py:1064(\_get\_tick\_bboxes)

187 0.000 0.000 0.000 0.000 {built-in method builtins.next}

43 0.000 0.000 0.000 0.000 axis.py:479(update\_position)

606 0.000 0.000 0.000 0.000 font\_manager.py:769(get\_size)

6 0.000 0.000 0.000 0.000 ticker.py:673(\_compute\_offset)

27 0.000 0.000 0.000 0.000 \_base.py:808(get\_yaxis\_text2\_transform)

150 0.000 0.000 0.001 0.000 {method 'min' of 'numpy.ndarray' objects}

69 0.000 0.000 0.000 0.000 arrayprint.py:527(\_extendLine)

1 0.000 0.000 0.018 0.018 \_base.py:956(cla)

49 0.000 0.000 0.000 0.000 transforms.py:2631(\_\_init\_\_)

1 0.000 0.000 0.148 0.148 <ipython-input-5-db72dac922a1>:135(plotPath)

36 0.000 0.000 0.001 0.000 markers.py:702(\_set\_tickleft)

29 0.000 0.000 0.000 0.000 typing.py:875(\_\_extrahook\_\_)

106 0.000 0.000 0.001 0.000 numeric.py:3064(\_\_enter\_\_)

92 0.000 0.000 0.000 0.000 contextlib.py:157(helper)

64 0.000 0.000 0.000 0.000 threading.py:1104(is\_alive)

25 0.000 0.000 0.000 0.000 \_base.py:729(get\_xaxis\_text2\_transform)

133 0.000 0.000 0.000 0.000 text.py:299(set\_rotation\_mode)

25/21 0.000 0.000 0.019 0.001 axis.py:1743(\_get\_tick)

36 0.000 0.000 0.001 0.000 markers.py:708(\_set\_tickright)

116 0.000 0.000 0.001 0.000 backend\_bases.py:796(new\_gc)

2 0.000 0.000 0.000 0.000 traitlets.py:961(setup\_instance)

144 0.000 0.000 0.001 0.000 text.py:295(get\_rotation)

246 0.000 0.000 0.000 0.000 stride\_tricks.py:251(<genexpr>)

23 0.000 0.000 0.001 0.000 arrayprint.py:299(\_get\_format\_function)

25 0.000 0.000 0.000 0.000 axis.py:391(apply\_tickdir)

115 0.000 0.000 0.000 0.000 \_weakrefset.py:81(add)

60 0.000 0.000 0.000 0.000 lines.py:888(\_get\_markerfacecolor)

206 0.000 0.000 0.000 0.000 {method 'replace' of 'str' objects}

117 0.000 0.000 0.000 0.000 \_weakrefset.py:20(\_\_enter\_\_)

106 0.000 0.000 0.000 0.000 numeric.py:3060(\_\_init\_\_)

16 0.000 0.000 0.000 0.000 ticker.py:506(\_\_init\_\_)

158 0.000 0.000 0.000 0.000 lines.py:972(set\_color)

4 0.000 0.000 0.052 0.013 axis.py:1125(draw)

22 0.000 0.000 0.000 0.000 transforms.py:429(bounds)

27/23 0.000 0.000 0.018 0.001 axis.py:2074(\_get\_tick)

103 0.000 0.000 0.000 0.000 <frozen importlib.\_bootstrap>:416(parent)

1 0.000 0.000 0.000 0.000 base64.py:531(encodebytes)

60 0.000 0.000 0.000 0.000 ticker.py:562(fix\_minus)

4 0.000 0.000 0.000 0.000 encoder.py:204(iterencode)

82 0.000 0.000 0.000 0.000 stride\_tricks.py:247(<listcomp>)

86 0.000 0.000 0.000 0.000 {built-in method builtins.all}

52 0.000 0.000 0.000 0.000 axis.py:170(\_set\_labelrotation)

171 0.000 0.000 0.000 0.000 {method 'max' of 'numpy.ndarray' objects}

36 0.000 0.000 0.000 0.000 shape\_base.py:63(atleast\_2d)

32 0.000 0.000 0.001 0.000 markers.py:722(\_set\_tickdown)

230 0.000 0.000 0.000 0.000 transforms.py:1733(\_get\_is\_affine)

32 0.000 0.000 0.001 0.000 text.py:317(update\_from)

27 0.000 0.000 0.000 0.000 axis.py:513(apply\_tickdir)

32 0.000 0.000 0.001 0.000 markers.py:716(\_set\_tickup)

150/148 0.000 0.000 0.000 0.000 transforms.py:2648(get\_matrix)

10/2 0.000 0.000 0.000 0.000 configurable.py:106(\_find\_my\_config)

112 0.000 0.000 0.000 0.000 transforms.py:2257(get\_affine)

181/129 0.000 0.000 0.002 0.000 traitlets.py:545(\_\_get\_\_)

332 0.000 0.000 0.000 0.000 artist.py:692(get\_visible)

6 0.000 0.000 0.001 0.000 patches.py:87(\_\_init\_\_)

368 0.000 0.000 0.000 0.000 text.py:920(get\_text)

424 0.000 0.000 0.000 0.000 {built-in method numpy.core.umath.geterrobj}

4 0.000 0.000 0.000 0.000 transforms.py:731(intersection)

11 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.get\_path\_extents}

54 0.000 0.000 0.004 0.000 lines.py:945(get\_path)

23 0.000 0.000 0.003 0.000 arrayprint.py:381(wrapper)

15/14 0.000 0.000 0.000 0.000 transforms.py:1769(\_\_eq\_\_)

62 0.000 0.000 0.000 0.000 transforms.py:402(width)

348 0.000 0.000 0.000 0.000 artist.py:747(get\_rasterized)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1166(get\_hatch\_path)

6 0.000 0.000 0.000 0.000 {method 'ptp' of 'numpy.ndarray' objects}

43 0.000 0.000 0.000 0.000 transforms.py:780(unit)

4/2 0.000 0.000 0.076 0.038 image.py:120(\_draw\_list\_compositing\_images)

1 0.000 0.000 0.031 0.031 \_base.py:420(\_\_init\_\_)

3/2 0.000 0.000 0.003 0.002 \_\_init\_\_.py:1628(inner)

130 0.000 0.000 0.000 0.000 {built-in method binascii.b2a\_base64}

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:333(connect)

16 0.000 0.000 0.002 0.000 axis.py:1300(\_copy\_tick\_props)

139 0.000 0.000 0.001 0.000 \_methods.py:40(\_all)

158 0.000 0.000 0.000 0.000 lines.py:537(set\_markevery)

2 0.000 0.000 0.000 0.000 traitlets.py:224(getmembers)

34 0.000 0.000 0.000 0.000 {built-in method builtins.min}

1 0.000 0.000 0.837 0.837 <ipython-input-5-db72dac922a1>:143(opt2)

30 0.000 0.000 0.000 0.000 transforms.py:2766(\_\_init\_\_)

27 0.000 0.000 0.000 0.000 \_base.py:910(\_set\_artist\_props)

144 0.000 0.000 0.000 0.000 text.py:47(\_wrap\_text)

216 0.000 0.000 0.000 0.000 text.py:1270(get\_usetex)

109 0.000 0.000 0.000 0.000 font\_manager.py:1091(get\_default\_size)

6 0.000 0.000 0.000 0.000 axis.py:920(<listcomp>)

106 0.000 0.000 0.000 0.000 transforms.py:2330(get\_matrix)

1 0.000 0.000 0.004 0.004 figure.py:276(\_\_init\_\_)

11 0.000 0.000 0.001 0.000 path.py:527(get\_extents)

54 0.000 0.000 0.000 0.000 ticker.py:571(\_\_call\_\_)

144 0.000 0.000 0.000 0.000 {method 'get\_width\_height' of 'matplotlib.ft2font.FT2Font' objects}

23 0.000 0.000 0.003 0.000 arrayprint.py:399(array2string)

6 0.000 0.000 0.012 0.002 axis.py:1336(get\_major\_ticks)

20 0.000 0.000 0.000 0.000 configurable.py:102(<listcomp>)

32 0.000 0.000 0.000 0.000 shape\_base.py:288(<listcomp>)

23 0.000 0.000 0.000 0.000 arrayprint.py:256(\_get\_formatdict)

34 0.000 0.000 0.000 0.000 markers.py:214(\_\_bool\_\_)

117 0.000 0.000 0.000 0.000 \_weakrefset.py:16(\_\_init\_\_)

76 0.000 0.000 0.000 0.000 loader.py:150(\_is\_section\_key)

16 0.000 0.000 0.001 0.000 ticker.py:1801(\_\_init\_\_)

63 0.000 0.000 0.000 0.000 {built-in method nt.urandom}

22 0.000 0.000 0.000 0.000 {method 'flatten' of 'numpy.ndarray' objects}

78 0.000 0.000 0.000 0.000 loader.py:218(\_\_contains\_\_)

95 0.000 0.000 0.000 0.000 typing.py:1018(\_abc\_negative\_cache)

348 0.000 0.000 0.000 0.000 artist.py:764(get\_agg\_filter)

76 0.000 0.000 0.000 0.000 loader.py:231(\_has\_section)

263 0.000 0.000 0.000 0.000 path.py:214(vertices)

19 0.000 0.000 0.001 0.000 transforms.py:725(<listcomp>)

47 0.000 0.000 0.000 0.000 text.py:578(\_update\_clip\_properties)

6 0.000 0.000 0.001 0.000 ticker.py:660(set\_locs)

422 0.000 0.000 0.000 0.000 transforms.py:1800(get\_affine)

20 0.000 0.000 0.000 0.000 \_\_init\_\_.py:160(\_\_init\_\_)

11 0.000 0.000 0.000 0.000 formatters.py:388(lookup\_by\_type)

70 0.000 0.000 0.000 0.000 transforms.py:2225(transform\_non\_affine)

70 0.000 0.000 0.000 0.000 transforms.py:2210(\_get\_is\_affine)

8 0.000 0.000 0.000 0.000 spines.py:206(\_adjust\_location)

19 0.000 0.000 0.001 0.000 transforms.py:726(<listcomp>)

92 0.000 0.000 0.000 0.000 contextlib.py:79(\_\_enter\_\_)

3 0.000 0.000 0.000 0.000 \_base.py:1355(apply\_aspect)

365 0.000 0.000 0.000 0.000 artist.py:892(sticky\_edges)

30 0.000 0.000 0.000 0.000 lines.py:691(\_transform\_path)

60 0.000 0.000 0.000 0.000 axis.py:193(get\_tick\_padding)

52 0.000 0.000 0.000 0.000 artist.py:782(set\_alpha)

12 0.000 0.000 0.000 0.000 {built-in method builtins.sorted}

32 0.000 0.000 0.000 0.000 shape\_base.py:239(hstack)

143 0.000 0.000 0.000 0.000 {method '\_\_subclasses\_\_' of 'type' objects}

19 0.000 0.000 0.001 0.000 transforms.py:727(<listcomp>)

29 0.000 0.000 0.000 0.000 traitlets.py:587(\_validate)

8 0.000 0.000 0.000 0.000 numeric.py:2463(isclose)

2 0.000 0.000 0.000 0.000 traitlets.py:1407(traits)

1 0.000 0.000 0.101 0.101 pylabtools.py:90(print\_figure)

19 0.000 0.000 0.001 0.000 transforms.py:728(<listcomp>)

4 0.000 0.000 0.001 0.000 spines.py:45(\_\_init\_\_)

16 0.000 0.000 0.000 0.000 traitlets.py:516(instance\_init)

62 0.000 0.000 0.000 0.000 typing.py:1032(\_abc\_negative\_cache\_version)

255 0.000 0.000 0.000 0.000 {method 'add' of 'set' objects}

31 0.000 0.000 0.000 0.000 fromnumeric.py:1973(all)

114 0.000 0.000 0.000 0.000 \_weakrefset.py:52(\_commit\_removals)

110 0.000 0.000 0.000 0.000 cycler.py:227(<genexpr>)

4 0.000 0.000 0.000 0.000 \_base.py:2259(<listcomp>)

3 0.000 0.000 0.002 0.001 axis.py:2036(get\_tick\_space)

24/12 0.000 0.000 0.000 0.000 transforms.py:2481(inverted)

4 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.update\_path\_extents}

172 0.000 0.000 0.000 0.000 figure.py:426(\_get\_dpi)

3 0.000 0.000 0.002 0.001 axis.py:2373(get\_tick\_space)

23 0.000 0.000 0.001 0.000 arrayprint.py:603(\_\_init\_\_)

3 0.000 0.000 0.001 0.000 \_base.py:2839(set\_xlim)

30 0.000 0.000 0.000 0.000 lines.py:873(get\_markeredgecolor)

22 0.000 0.000 0.000 0.000 \_base.py:1767(\_add\_text)

2 0.000 0.000 0.076 0.038 \_base.py:2320(draw)

12 0.000 0.000 0.000 0.000 \_base.py:2820(\_validate\_converted\_limits)

3 0.000 0.000 0.001 0.000 axis.py:1834(\_update\_label\_position)

76 0.000 0.000 0.000 0.000 transforms.py:2740(get\_matrix)

34 0.000 0.000 0.000 0.000 font\_manager.py:914(copy)

19 0.000 0.000 0.000 0.000 patches.py:292(\_set\_edgecolor)

6 0.000 0.000 0.000 0.000 ticker.py:1779(scale\_range)

8 0.000 0.000 0.000 0.000 axis.py:316(\_apply\_params)

257 0.000 0.000 0.000 0.000 {built-in method builtins.callable}

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2322(normalize\_kwargs)

6 0.000 0.000 0.000 0.000 \_base.py:3871(get\_children)

6/1 0.000 0.000 0.000 0.000 jsonutil.py:97(json\_clean)

72 0.000 0.000 0.000 0.000 {built-in method math.sin}

6 0.000 0.000 0.000 0.000 ticker.py:715(\_set\_orderOfMagnitude)

31 0.000 0.000 0.000 0.000 transforms.py:385(intervalx)

64 0.000 0.000 0.000 0.000 threading.py:1062(\_wait\_for\_tstate\_lock)

84 0.000 0.000 0.000 0.000 typing.py:1088(\_\_eq\_\_)

14 0.000 0.000 0.001 0.000 backend\_agg.py:137(draw\_path)

56 0.000 0.000 0.000 0.000 iostream.py:284(\_is\_master\_process)

20 0.000 0.000 0.000 0.000 getlimits.py:376(\_\_new\_\_)

10 0.000 0.000 0.000 0.000 transforms.py:2284(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 traitlets.py:1421(<listcomp>)

19 0.000 0.000 0.001 0.000 patches.py:320(\_set\_facecolor)

16 0.000 0.000 0.000 0.000 axis.py:1553(set\_major\_locator)

73 0.000 0.000 0.000 0.000 {method 'split' of 'str' objects}

24 0.000 0.000 0.000 0.000 fromnumeric.py:1380(ravel)

3 0.000 0.000 0.000 0.000 \_base.py:3161(set\_ylim)

4 0.000 0.000 0.001 0.000 traitlets.py:1142(notify\_change)

27 0.000 0.000 0.001 0.000 axis.py:507(\_get\_text1\_transform)

5 0.000 0.000 0.000 0.000 {method 'update' of '\_hashlib.HASH' objects}

25 0.000 0.000 0.000 0.000 \_weakrefset.py:36(\_\_init\_\_)

12 0.000 0.000 0.000 0.000 ticker.py:205(\_divmod)

2 0.000 0.000 0.005 0.003 axis.py:642(\_\_init\_\_)

6 0.000 0.000 0.001 0.000 axis.py:1783(\_get\_pixel\_distance\_along\_axis)

30 0.000 0.000 0.000 0.000 formatters.py:541(\_in\_deferred\_types)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1054(set\_clip\_path)

2 0.000 0.000 0.002 0.001 \_base.py:2216(autoscale\_view)

42 0.000 0.000 0.000 0.000 axis.py:300(set\_label2)

31 0.000 0.000 0.000 0.000 transforms.py:393(intervaly)

79 0.000 0.000 0.000 0.000 transforms.py:1757(\_\_array\_\_)

3 0.000 0.000 0.001 0.000 axis.py:2162(\_update\_label\_position)

8 0.000 0.000 0.006 0.001 spines.py:395(set\_position)

16 0.000 0.000 0.001 0.000 ticker.py:2488(\_\_init\_\_)

47 0.000 0.000 0.003 0.000 patches.py:721(get\_patch\_transform)

22 0.000 0.000 0.002 0.000 text.py:595(set\_clip\_path)

133 0.000 0.000 0.000 0.000 text.py:637(set\_wrap)

63 0.000 0.000 0.000 0.000 text.py:1171(set\_y)

12 0.000 0.000 0.000 0.000 axis.py:1494(set\_units)

30 0.000 0.000 0.001 0.000 transforms.py:2797(get\_transformed\_points\_and\_affine)

2 0.000 0.000 0.001 0.000 \_base.py:353(\_plot\_args)

42 0.000 0.000 0.000 0.000 axis.py:289(set\_label1)

25 0.000 0.000 0.001 0.000 axis.py:385(\_get\_text1\_transform)

35 0.000 0.000 0.000 0.000 {method 'mro' of 'type' objects}

1 0.000 0.000 0.005 0.005 \_base.py:3927(get\_tightbbox)

2 0.000 0.000 0.005 0.002 axis.py:1082(get\_tightbbox)

1 0.000 0.000 0.000 0.000 getlimits.py:409(\_init)

27 0.000 0.000 0.000 0.000 axis.py:510(\_get\_text2\_transform)

8 0.000 0.000 0.000 0.000 spines.py:321(\_calc\_offset\_transform)

1 0.000 0.000 0.103 0.103 formatters.py:89(format)

16/8 0.000 0.000 0.000 0.000 typing.py:1169(\_\_setattr\_\_)

161 0.000 0.000 0.000 0.000 path.py:266(should\_simplify)

2 0.000 0.000 0.076 0.038 figure.py:1264(draw)

6 0.000 0.000 0.000 0.000 axis.py:2117(\_get\_pixel\_distance\_along\_axis)

23 0.000 0.000 0.000 0.000 traitlets.py:596(\_cross\_validate)

23 0.000 0.000 0.003 0.000 numeric.py:1905(array\_str)

55 0.000 0.000 0.000 0.000 text.py:1162(set\_x)

144 0.000 0.000 0.000 0.000 {built-in method math.radians}

131 0.000 0.000 0.000 0.000 font\_manager.py:890(set\_file)

116 0.000 0.000 0.000 0.000 backend\_bases.py:939(get\_dashes)

216 0.000 0.000 0.000 0.000 {method 'get\_descent' of 'matplotlib.ft2font.FT2Font' objects}

9 0.000 0.000 0.101 0.011 formatters.py:322(\_\_call\_\_)

62 0.000 0.000 0.000 0.000 iostream.py:87(\_event\_pipe)

116 0.000 0.000 0.000 0.000 backend\_bases.py:929(get\_clip\_path)

60 0.000 0.000 0.000 0.000 backend\_agg.py:280(points\_to\_pixels)

20 0.000 0.000 0.000 0.000 \_collections\_abc.py:72(\_check\_methods)

36 0.000 0.000 0.000 0.000 transforms.py:1881(inverted)

18 0.000 0.000 0.000 0.000 spines.py:151(get\_patch\_transform)

22 0.000 0.000 0.000 0.000 text.py:619(set\_clip\_on)

25 0.000 0.000 0.000 0.000 axis.py:388(\_get\_text2\_transform)

103 0.000 0.000 0.000 0.000 {method 'rpartition' of 'str' objects}

16 0.000 0.000 0.000 0.000 traitlets.py:2535(validate\_elements)

95 0.000 0.000 0.000 0.000 transforms.py:2707(get\_matrix)

9 0.000 0.000 0.000 0.000 \_base.py:2802(get\_xlim)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:14(adjust\_bbox)

30 0.000 0.000 0.001 0.000 backend\_agg.py:116(draw\_markers)

16 0.000 0.000 0.000 0.000 traitlets.py:2528(validate)

10/5 0.000 0.000 0.000 0.000 transforms.py:2395(frozen)

1 0.000 0.000 0.005 0.005 pyplot.py:417(figure)

8 0.000 0.000 0.000 0.000 fromnumeric.py:42(\_wrapit)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1112(set\_linewidth)

11 0.000 0.000 0.000 0.000 figure.py:78(as\_list)

9 0.000 0.000 0.000 0.000 \_base.py:3143(get\_ylim)

12 0.000 0.000 0.101 0.008 formatters.py:211(catch\_format\_error)

4 0.000 0.000 0.000 0.000 transforms.py:866(update\_from\_path)

72 0.000 0.000 0.000 0.000 backend\_agg.py:261(get\_canvas\_width\_height)

2 0.000 0.000 0.000 0.000 transforms.py:549(anchored)

6 0.000 0.000 0.005 0.001 ticker.py:1959(tick\_values)

54 0.000 0.000 0.000 0.000 transforms.py:2920(interval\_contains)

12 0.000 0.000 0.000 0.000 axis.py:1518(set\_label\_text)

50 0.000 0.000 0.000 0.000 {method 'update' of 'dict' objects}

16 0.000 0.000 0.000 0.000 traitlets.py:419(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 gridspec.py:81(get\_grid\_positions)

6 0.000 0.000 0.005 0.001 ticker.py:1955(\_\_call\_\_)

32 0.000 0.000 0.000 0.000 lines.py:706(\_get\_transformed\_path)

118 0.000 0.000 0.000 0.000 {method 'extend' of 'list' objects}

144 0.000 0.000 0.000 0.000 {method 'rstrip' of 'str' objects}

10 0.000 0.000 0.000 0.000 weakref.py:354(\_\_init\_\_)

11 0.000 0.000 0.000 0.000 formatters.py:365(lookup)

5 0.000 0.000 0.000 0.000 getlimits.py:71(<lambda>)

18 0.000 0.000 0.000 0.000 \_\_init\_\_.py:313(\_\_init\_\_)

10 0.000 0.000 0.000 0.000 transforms.py:2497(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 axis.py:792(set\_tick\_params)

152 0.000 0.000 0.000 0.000 backend\_bases.py:276(open\_group)

2 0.000 0.000 0.000 0.000 transforms.py:593(shrunk\_to\_aspect)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1193(get\_sketch\_params)

16 0.000 0.000 0.000 0.000 axis.py:1531(set\_major\_formatter)

23 0.000 0.000 0.001 0.000 arrayprint.py:260(<lambda>)

116 0.000 0.000 0.000 0.000 artist.py:586(get\_path\_effects)

84 0.000 0.000 0.000 0.000 backend\_bases.py:1129(set\_url)

116 0.000 0.000 0.000 0.000 artist.py:482(get\_gid)

8 0.000 0.000 0.001 0.000 spines.py:314(draw)

116 0.000 0.000 0.000 0.000 backend\_bases.py:999(get\_snap)

1 0.000 0.000 0.031 0.031 figure.py:978(add\_subplot)

1 0.000 0.000 0.104 0.104 backend\_inline.py:18(show)

16 0.000 0.000 0.000 0.000 axis.py:1564(set\_minor\_locator)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1550(get\_siblings)

4 0.000 0.000 0.001 0.000 spines.py:489(linear\_spine)

117 0.000 0.000 0.000 0.000 {method 'remove' of 'set' objects}

152 0.000 0.000 0.000 0.000 backend\_bases.py:283(close\_group)

2 0.000 0.000 0.003 0.001 \_axes.py:1295(plot)

18 0.000 0.000 0.000 0.000 patches.py:230(get\_patch\_transform)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1160(get\_hatch)

72 0.000 0.000 0.000 0.000 image.py:130(<genexpr>)

2 0.000 0.000 0.089 0.045 backend\_agg.py:506(print\_png)

6 0.000 0.000 0.000 0.000 {method 'clip' of 'numpy.ndarray' objects}

24 0.000 0.000 0.000 0.000 {method 'item' of 'numpy.generic' objects}

81 0.000 0.000 0.000 0.000 {built-in method sys.\_getframe}

81 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2266(<lambda>)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1175(get\_hatch\_color)

12 0.000 0.000 0.000 0.000 shape\_base.py:237(<listcomp>)

137 0.000 0.000 0.000 0.000 path.py:228(codes)

30 0.000 0.000 0.000 0.000 lines.py:521(get\_fillstyle)

72 0.000 0.000 0.000 0.000 {method 'get\_bitmap\_offset' of 'matplotlib.ft2font.FT2Font' objects}

56 0.000 0.000 0.000 0.000 {method 'index' of 'list' objects}

15 0.000 0.000 0.000 0.000 {method 'format' of 'str' objects}

64 0.000 0.000 0.000 0.000 ticker.py:246(set\_axis)

6 0.000 0.000 0.000 0.000 patches.py:392(set\_linestyle)

4 0.000 0.000 0.000 0.000 scale.py:69(set\_default\_locators\_and\_formatters)

4 0.000 0.000 0.000 0.000 backend\_agg.py:436(get\_renderer)

11 0.000 0.000 0.000 0.000 patches.py:370(set\_linewidth)

116 0.000 0.000 0.000 0.000 backend\_bases.py:899(restore)

2 0.000 0.000 0.001 0.000 \_base.py:1748(add\_line)

8 0.000 0.000 0.000 0.000 {built-in method builtins.any}

44 0.000 0.000 0.000 0.000 backend\_bases.py:1103(set\_joinstyle)

2 0.000 0.000 0.000 0.000 figure.py:707(set\_size\_inches)

20 0.000 0.000 0.000 0.000 configurable.py:99(section\_names)

1 0.000 0.000 0.000 0.000 fontconfig\_pattern.py:183(generate\_fontconfig\_pattern)

4 0.000 0.000 0.000 0.000 colors.py:142(\_to\_rgba\_no\_colorcycle)

30 0.000 0.000 0.000 0.000 markers.py:280(get\_transform)

4 0.000 0.000 0.000 0.000 transforms.py:1696(\_set)

32 0.000 0.000 0.000 0.000 transforms.py:2824(get\_affine)

2 0.000 0.000 0.000 0.000 figure.py:429(\_set\_dpi)

16 0.000 0.000 0.000 0.000 axis.py:1542(set\_minor\_formatter)

2/1 0.000 0.000 0.000 0.000 pretty.py:344(pretty)

12 0.000 0.000 0.000 0.000 shape\_base.py:182(vstack)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1187(get\_hatch\_linewidth)

28 0.000 0.000 0.000 0.000 axis.py:908(\_set\_artist\_props)

22 0.000 0.000 0.000 0.000 artist.py:722(set\_clip\_on)

72 0.000 0.000 0.000 0.000 path.py:273(should\_simplify)

2 0.000 0.000 0.000 0.000 \_base.py:1777(\_update\_line\_limits)

12 0.000 0.000 0.000 0.000 transforms.py:2347(blended\_transform\_factory)

72 0.000 0.000 0.000 0.000 text.py:809(get\_color)

2 0.000 0.000 0.076 0.038 backend\_agg.py:418(draw)

69 0.000 0.000 0.000 0.000 markers.py:292(\_set\_nothing)

6 0.000 0.000 0.000 0.000 figure.py:731(<genexpr>)

8 0.000 0.000 0.002 0.000 axis.py:209(set\_clip\_path)

2 0.000 0.000 0.000 0.000 axis.py:1108(<listcomp>)

3 0.000 0.000 0.000 0.000 axis.py:1872(\_update\_offset\_text\_position)

72 0.000 0.000 0.000 0.000 {built-in method math.cos}

10 0.000 0.000 0.000 0.000 dir2.py:53(get\_real\_method)

16 0.000 0.000 0.000 0.000 numeric.py:2135(isscalar)

8 0.000 0.000 0.000 0.000 transforms.py:1830(\_get\_is\_separable)

89 0.000 0.000 0.000 0.000 path.py:247(simplify\_threshold)

4 0.000 0.000 0.000 0.000 axis.py:822(\_translate\_tick\_kw)

12 0.000 0.000 0.000 0.000 axis.py:2313(get\_view\_interval)

2 0.000 0.000 0.000 0.000 {method 'cumsum' of 'numpy.ndarray' objects}

10 0.000 0.000 0.001 0.000 text.py:284(\_get\_xy\_display)

72 0.000 0.000 0.000 0.000 text.py:313(get\_rotation\_mode)

1 0.000 0.000 0.001 0.001 zmqshell.py:94(publish)

22 0.000 0.000 0.000 0.000 text.py:1193(set\_verticalalignment)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1039(set\_capstyle)

1 0.000 0.000 0.000 0.000 sre\_parse.py:876(parse\_template)

8 0.000 0.000 0.000 0.000 traitlets.py:1067(hold\_trait\_notifications)

1 0.000 0.000 0.104 0.104 display.py:142(display)

16 0.000 0.000 0.000 0.000 transforms.py:411(height)

12 0.000 0.000 0.000 0.000 text.py:1153(set\_position)

2 0.000 0.000 0.000 0.000 \_base.py:2240(<listcomp>)

3 0.000 0.000 0.000 0.000 axis.py:2200(\_update\_offset\_text\_position)

57 0.000 0.000 0.000 0.000 {built-in method nt.getpid}

13 0.000 0.000 0.000 0.000 {method 'sort' of 'list' objects}

15 0.000 0.000 0.000 0.000 traitlets.py:1698(make\_dynamic\_default)

5 0.000 0.000 0.001 0.000 patches.py:586(get\_window\_extent)

1 0.000 0.000 0.031 0.031 \_subplots.py:23(\_\_init\_\_)

12 0.000 0.000 0.000 0.000 axis.py:1977(get\_view\_interval)

4 0.000 0.000 0.000 0.000 \_\_init\_\_.py:183(dumps)

2 0.000 0.000 0.001 0.000 iostream.py:311(flush)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:364(disconnect)

72 0.000 0.000 0.000 0.000 path.py:255(simplify\_threshold)

10 0.000 0.000 0.000 0.000 patches.py:456(set\_capstyle)

2 0.000 0.000 0.000 0.000 \_base.py:2634(tick\_params)

1 0.000 0.000 0.000 0.000 axis.py:1750(\_get\_label)

18 0.000 0.000 0.000 0.000 {built-in method math.log10}

72 0.000 0.000 0.000 0.000 artist.py:685(get\_alpha)

6 0.000 0.000 0.000 0.000 ticker.py:1706(le)

78 0.000 0.000 0.000 0.000 markers.py:223(get\_fillstyle)

2 0.000 0.000 0.000 0.000 \_base.py:597(get\_window\_extent)

10 0.000 0.000 0.000 0.000 traitlets.py:1690(instance\_init)

2 0.000 0.000 0.001 0.000 configurable.py:38(\_\_init\_\_)

10 0.000 0.000 0.000 0.000 loader.py:161(\_\_init\_\_)

56 0.000 0.000 0.000 0.000 iostream.py:297(\_schedule\_flush)

2 0.000 0.000 0.000 0.000 lines.py:608(get\_window\_extent)

72 0.000 0.000 0.000 0.000 text.py:631(get\_wrap)

72 0.000 0.000 0.000 0.000 backend\_bases.py:775(flipy)

2 0.000 0.000 0.000 0.000 figure.py:204(update)

2 0.000 0.000 0.000 0.000 \_base.py:296(\_makeline)

1 0.000 0.000 0.837 0.837 {built-in method builtins.exec}

57 0.000 0.000 0.000 0.000 \_collections\_abc.py:392(\_\_subclasshook\_\_)

1 0.000 0.000 0.000 0.000 session.py:657(send)

12 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1477(clean)

2 0.000 0.000 0.000 0.000 transforms.py:681(padded)

22 0.000 0.000 0.000 0.000 text.py:1015(set\_horizontalalignment)

12 0.000 0.000 0.000 0.000 figure.py:243(\_update\_this)

1 0.000 0.000 0.000 0.000 \_base.py:636(\_set\_lim\_and\_transforms)

4 0.000 0.000 0.000 0.000 axis.py:1115(get\_tick\_padding)

8 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2011(\_check\_1d)

12 0.000 0.000 0.000 0.000 ticker.py:1685(closeto)

80 0.000 0.000 0.000 0.000 markers.py:248(get\_marker)

1 0.000 0.000 0.005 0.005 figure.py:1952(get\_tightbbox)

23 0.000 0.000 0.000 0.000 {built-in method \_functools.reduce}

2 0.000 0.000 0.000 0.000 {method 'isoformat' of 'datetime.datetime' objects}

1 0.000 0.000 0.000 0.000 formatters.py:680(\_\_call\_\_)

12 0.000 0.000 0.000 0.000 cycler.py:225(\_\_iter\_\_)

6 0.000 0.000 0.000 0.000 transforms.py:1791(transform\_path\_affine)

10 0.000 0.000 0.000 0.000 transforms.py:2541(get\_matrix)

6 0.000 0.000 0.000 0.000 patches.py:436(set\_fill)

1 0.000 0.000 0.000 0.000 backend\_bases.py:1769(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 axis.py:1383(grid)

10 0.000 0.000 0.000 0.000 weakref.py:431(\_\_contains\_\_)

14 0.000 0.000 0.000 0.000 artist.py:496(get\_snap)

1 0.000 0.000 0.000 0.000 \_base.py:618(set\_figure)

1 0.000 0.000 0.001 0.001 display.py:82(publish\_display\_data)

4 0.000 0.000 0.000 0.000 linalg.py:139(\_commonType)

6 0.000 0.000 0.000 0.000 patches.py:473(set\_joinstyle)

2 0.000 0.000 0.000 0.000 patches.py:676(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:85(destroy\_all)

1 0.000 0.000 0.012 0.012 \_base.py:608(\_init\_axis)

76 0.000 0.000 0.000 0.000 {method 'upper' of 'str' objects}

64 0.000 0.000 0.000 0.000 threading.py:506(is\_set)

4 0.000 0.000 0.001 0.000 traitlets.py:558(set)

34 0.000 0.000 0.000 0.000 \_\_init\_\_.py:381(process)

3 0.000 0.000 0.000 0.000 transforms.py:1004(set)

2 0.000 0.000 0.002 0.001 axis.py:873(set\_clip\_path)

2 0.000 0.000 0.001 0.000 threading.py:263(wait)

4 0.000 0.000 0.000 0.000 jsonapi.py:31(dumps)

12 0.000 0.000 0.000 0.000 ticker.py:1694(\_\_init\_\_)

13 0.000 0.000 0.000 0.000 patches.py:327(set\_facecolor)

4 0.000 0.000 0.000 0.000 \_base.py:2263(<listcomp>)

1 0.000 0.000 0.000 0.000 {method 'newbyteorder' of 'numpy.generic' objects}

41 0.000 0.000 0.000 0.000 {built-in method builtins.setattr}

14 0.000 0.000 0.000 0.000 core.py:629(filled)

3 0.000 0.000 0.000 0.000 transforms.py:956(intervalx)

3 0.000 0.000 0.000 0.000 transforms.py:961(intervaly)

13 0.000 0.000 0.000 0.000 patches.py:307(set\_edgecolor)

4 0.000 0.000 0.000 0.000 axis.py:710(\_set\_scale)

10 0.000 0.000 0.000 0.000 weakref.py:406(\_\_setitem\_\_)

6 0.000 0.000 0.000 0.000 weakref.py:438(items)

2 0.000 0.000 0.000 0.000 threading.py:215(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 session.py:598(serialize)

1 0.000 0.000 0.000 0.000 jsonutil.py:51(encode\_images)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2158(pts\_to\_prestep)

7 0.000 0.000 0.000 0.000 transforms.py:275(frozen)

8 0.000 0.000 0.000 0.000 transforms.py:2105(\_get\_is\_separable)

2 0.000 0.000 0.000 0.000 textpath.py:35(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:214(\_xy\_from\_xy)

1 0.000 0.000 0.000 0.000 axis.py:2081(\_get\_label)

16 0.000 0.000 0.000 0.000 ticker.py:530(set\_useOffset)

6 0.000 0.000 0.000 0.000 ticker.py:628(get\_offset)

4 0.000 0.000 0.000 0.000 transforms.py:2218(frozen)

4 0.000 0.000 0.000 0.000 mathtext.py:3255(\_\_init\_\_)

48 0.000 0.000 0.000 0.000 backend\_bases.py:1048(set\_clip\_rectangle)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:41(restore\_bbox)

22 0.000 0.000 0.000 0.000 traitlets.py:1673(validate)

8 0.000 0.000 0.000 0.000 type\_check.py:221(isreal)

4 0.000 0.000 0.000 0.000 ticker.py:1976(view\_limits)

7 0.000 0.000 0.000 0.000 transforms.py:1861(transform\_point)

6 0.000 0.000 0.000 0.000 axis.py:719(limit\_range\_for\_scale)

8 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.result\_type}

2 0.000 0.000 0.001 0.000 threading.py:533(wait)

16 0.000 0.000 0.000 0.000 function\_base.py:213(iterable)

32 0.000 0.000 0.000 0.000 traitlets.py:1047(cross\_validation\_lock)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:182(add\_destroy\_callback)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:624(\_string\_to\_bool)

6 0.000 0.000 0.000 0.000 ticker.py:1722(ge)

1 0.000 0.000 0.000 0.000 gridspec.py:240(get\_subplot\_params)

1 0.000 0.000 0.000 0.000 gridspec.py:391(get\_position)

1 0.000 0.000 0.000 0.000 figure.py:1229(clf)

2 0.000 0.000 0.000 0.000 \_base.py:1327(get\_data\_ratio)

7 0.000 0.000 0.000 0.000 axis.py:1425(update\_units)

6 0.000 0.000 0.000 0.000 {method 'sum' of 'numpy.ndarray' objects}

12 0.000 0.000 0.000 0.000 {built-in method math.floor}

2 0.000 0.000 0.001 0.000 configurable.py:170(\_config\_changed)

2 0.000 0.000 0.000 0.000 transforms.py:420(size)

1 0.000 0.000 0.001 0.001 \_base.py:936(\_gen\_axes\_spines)

4 0.000 0.000 0.000 0.000 \_base.py:2266(<listcomp>)

6 0.000 0.000 0.000 0.000 axis.py:1359(get\_minor\_ticks)

1 0.000 0.000 0.000 0.000 {method 'sub' of '\_sre.SRE\_Pattern' objects}

46 0.000 0.000 0.000 0.000 {built-in method builtins.ord}

4 0.000 0.000 0.001 0.000 traitlets.py:1133(\_notify\_trait)

35 0.000 0.000 0.000 0.000 artist.py:700(get\_clip\_on)

12 0.000 0.000 0.000 0.000 cycler.py:138(keys)

20 0.000 0.000 0.000 0.000 cycler.py:371(<genexpr>)

8/4 0.000 0.000 0.000 0.000 transforms.py:2430(depth)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1141(set\_snap)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1836(draw\_event)

1 0.000 0.000 0.000 0.000 \_base.py:50(\_process\_plot\_format)

2 0.000 0.000 0.000 0.000 \_base.py:2465(grid)

8 0.000 0.000 0.000 0.000 \_base.py:2944(get\_xscale)

1 0.000 0.000 0.000 0.000 axis.py:1768(\_get\_offset\_text)

23 0.000 0.000 0.000 0.000 {method 'discard' of 'set' objects}

5 0.000 0.000 0.000 0.000 {method 'encode' of 'str' objects}

13 0.000 0.000 0.000 0.000 {built-in method builtins.divmod}

4 0.000 0.000 0.000 0.000 encoder.py:182(encode)

8 0.000 0.000 0.000 0.000 type\_check.py:148(imag)

1 0.000 0.000 0.000 0.000 getlimits.py:251(\_get\_machar)

1 0.000 0.000 0.005 0.005 backend\_bases.py:162(new\_figure\_manager)

2 0.000 0.000 0.000 0.000 \_base.py:167(set\_prop\_cycle)

2 0.000 0.000 0.000 0.000 \_base.py:177(\_\_call\_\_)

4 0.000 0.000 0.000 0.000 scale.py:526(scale\_factory)

2 0.000 0.000 0.000 0.000 configurable.py:131(\_load\_config)

1 0.000 0.000 0.000 0.000 pretty.py:168(\_\_init\_\_)

14 0.000 0.000 0.000 0.000 pretty.py:293(\_get\_mro)

1 0.000 0.000 0.001 0.001 zmqshell.py:77(\_flush\_streams)

9 0.000 0.000 0.000 0.000 transforms.py:298(y0)

8/6 0.000 0.000 0.000 0.000 transforms.py:2418(\_\_eq\_\_)

5 0.000 0.000 0.000 0.000 artist.py:862(set\_label)

1 0.000 0.000 0.036 0.036 pyplot.py:964(subplot)

4 0.000 0.000 0.001 0.000 \_base.py:398(\_grab\_next\_args)

4 0.000 0.000 0.000 0.000 \_base.py:1229(set\_aspect)

78 0.000 0.000 0.000 0.000 {function Config.\_\_contains\_\_ at 0x00000132F8061730}

2 0.000 0.000 0.000 0.000 traitlets.py:982(setup\_instance)

2 0.000 0.000 0.000 0.000 traitlets.py:988(\_\_init\_\_)

6 0.000 0.000 0.000 0.000 traitlets.py:2566(instance\_init)

6 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1141(\_\_init\_\_)

6 0.000 0.000 0.000 0.000 transforms.py:1513(transform\_path)

5 0.000 0.000 0.000 0.000 path.py:632(unit\_rectangle)

10 0.000 0.000 0.000 0.000 figure.py:421(\_get\_axes)

2 0.000 0.000 0.000 0.000 \_base.py:2775(set\_xbound)

8 0.000 0.000 0.000 0.000 scale.py:79(get\_transform)

1 0.000 0.000 0.000 0.000 {method '\_\_reduce\_ex\_\_' of 'object' objects}

8 0.000 0.000 0.000 0.000 \_collections\_abc.py:349(\_\_subclasshook\_\_)

4 0.000 0.000 0.000 0.000 pretty.py:196(text)

5 0.000 0.000 0.000 0.000 getlimits.py:18(\_fr0)

6 0.000 0.000 0.000 0.000 transforms.py:1524(transform\_path\_affine)

2 0.000 0.000 0.000 0.000 \_base.py:836(\_update\_transScale)

3 0.000 0.000 0.000 0.000 \_base.py:854(set\_position)

3 0.000 0.000 0.000 0.000 \_base.py:1960(\_process\_unit\_info)

8 0.000 0.000 0.000 0.000 \_base.py:3266(get\_yscale)

8 0.000 0.000 0.000 0.000 axis.py:704(get\_transform)

1 0.000 0.000 0.000 0.000 axis.py:2101(\_get\_offset\_text)

2 0.000 0.000 0.000 0.000 backend\_agg.py:122(\_update\_methods)

4 0.000 0.000 0.000 0.000 {built-in method \_thread.allocate\_lock}

21 0.000 0.000 0.000 0.000 {method 'copy' of 'dict' objects}

1 0.000 0.000 0.000 0.000 copy.py:66(copy)

10 0.000 0.000 0.000 0.000 bunch.py:11(\_\_getattr\_\_)

1 0.000 0.000 0.000 0.000 session.py:583(sign)

6 0.000 0.000 0.000 0.000 fromnumeric.py:1673(clip)

6 0.000 0.000 0.000 0.000 fromnumeric.py:2133(ptp)

25 0.000 0.000 0.000 0.000 transforms.py:2125(get\_matrix)

2 0.000 0.000 0.000 0.000 backend\_bases.py:272(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 figure.py:748(get\_size\_inches)

1 0.000 0.000 0.000 0.000 \_base.py:3924(<listcomp>)

6 0.000 0.000 0.000 0.000 {method 'nonzero' of 'numpy.ndarray' objects}

2 0.000 0.000 0.000 0.000 threading.py:498(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 linalg.py:209(\_assertNdSquareness)

2 0.000 0.000 0.000 0.000 transforms.py:951(p1)

30 0.000 0.000 0.000 0.000 markers.py:283(get\_alt\_path)

1 0.000 0.000 0.005 0.005 pyplot.py:581(gcf)

2 0.000 0.000 0.000 0.000 \_base.py:3116(set\_ybound)

16 0.000 0.000 0.000 0.000 axis.py:707(get\_scale)

8 0.000 0.000 0.000 0.000 \_collections\_abc.py:271(\_\_subclasshook\_\_)

3 0.000 0.000 0.000 0.000 pretty.py:241(begin\_group)

3 0.000 0.000 0.000 0.000 pretty.py:276(end\_group)

4 0.000 0.000 0.000 0.000 pretty.py:463(enq)

11 0.000 0.000 0.000 0.000 formatters.py:265(\_get\_type)

9 0.000 0.000 0.101 0.011 <decorator-gen-9>:1(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 function\_base.py:5100(append)

8 0.000 0.000 0.000 0.000 transforms.py:279(\_\_array\_\_)

30 0.000 0.000 0.000 0.000 lines.py:592(get\_markevery)

30 0.000 0.000 0.000 0.000 markers.py:245(get\_capstyle)

1 0.000 0.000 0.000 0.000 \_subplots.py:109(update\_params)

23 0.000 0.000 0.000 0.000 {built-in method \_thread.get\_ident}

1 0.000 0.000 0.000 0.000 {method 'join' of 'bytes' objects}

1 0.000 0.000 0.000 0.000 genericpath.py:27(isfile)

2 0.000 0.000 0.000 0.000 traitlets.py:950(\_\_new\_\_)

1 0.000 0.000 0.000 0.000 pretty.py:660(\_type\_pprint)

1 0.000 0.000 0.000 0.000 hmac.py:95(copy)

6 0.000 0.000 0.000 0.000 transforms.py:289(x0)

1 0.000 0.000 0.000 0.000 figure.py:1942(get\_default\_bbox\_extra\_artists)

1 0.000 0.000 0.000 0.000 \_base.py:3973(<listcomp>)

4 0.000 0.000 0.006 0.002 spines.py:167(register\_axis)

17 0.000 0.000 0.000 0.000 \_collections\_abc.py:367(\_\_subclasshook\_\_)

4 0.000 0.000 0.000 0.000 encoder.py:104(\_\_init\_\_)

10 0.000 0.000 0.000 0.000 inspect.py:73(isclass)

1 0.000 0.000 0.000 0.000 pretty.py:487(\_default\_pprint)

1 0.000 0.000 0.000 0.000 session.py:169(utcnow)

1 0.000 0.000 0.000 0.000 session.py:564(msg)

2 0.000 0.000 0.000 0.000 jsonutil.py:87(date\_default)

4 0.000 0.000 0.000 0.000 linalg.py:106(\_makearray)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1643(<genexpr>)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1192(push)

7 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2317(sanitize\_sequence)

27 0.000 0.000 0.000 0.000 artist.py:296(is\_transform\_set)

4 0.000 0.000 0.000 0.000 transforms.py:334(p1)

2 0.000 0.000 0.000 0.000 transforms.py:902(update\_from\_data\_xy)

2 0.000 0.000 0.000 0.000 transforms.py:1317(contains\_branch)

4 0.000 0.000 0.000 0.000 transforms.py:2424(\_iter\_break\_from\_left\_to\_right)

30 0.000 0.000 0.000 0.000 markers.py:289(get\_snap\_threshold)

5 0.000 0.000 0.000 0.000 patches.py:699(get\_path)

2 0.000 0.000 0.000 0.000 patches.py:790(set\_bounds)

12 0.000 0.000 0.000 0.000 text.py:896(get\_position)

14 0.000 0.000 0.000 0.000 backend\_bases.py:1066(set\_dashes)

1 0.000 0.000 0.000 0.000 figure.py:118(add)

2 0.000 0.000 0.000 0.000 \_base.py:2241(<listcomp>)

3 0.000 0.000 0.000 0.000 axis.py:2002(get\_minpos)

3 0.000 0.000 0.000 0.000 axis.py:2339(get\_minpos)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:68(process\_projection\_requirements)

10 0.000 0.000 0.000 0.000 traitlets.py:1694(\_resolve\_classes)

1 0.000 0.000 0.000 0.000 formatters.py:894(\_\_call\_\_)

8 0.000 0.000 0.000 0.000 typing.py:889(\_\_extrahook\_\_)

14 0.000 0.000 0.000 0.000 artist.py:530(get\_sketch\_params)

16 0.000 0.000 0.000 0.000 ticker.py:554(set\_useMathText)

2 0.000 0.000 0.000 0.000 transforms.py:1713(set)

8 0.000 0.000 0.000 0.000 transforms.py:2129(transform)

2 0.000 0.000 0.000 0.000 transforms.py:2314(\_\_eq\_\_)

27 0.000 0.000 0.000 0.000 artist.py:1001(mouseover)

30 0.000 0.000 0.000 0.000 markers.py:242(get\_joinstyle)

1 0.000 0.000 0.000 0.000 gridspec.py:129(\_\_getitem\_\_)

1 0.000 0.000 0.000 0.000 backend\_bases.py:172(new\_figure\_manager\_given\_figure)

2 0.000 0.000 0.000 0.000 figure.py:86(get)

4 0.000 0.000 0.000 0.000 {built-in method builtins.sum}

4 0.000 0.000 0.000 0.000 sre\_parse.py:232(\_\_next)

16 0.000 0.000 0.000 0.000 traitlets.py:215(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 loader.py:182(merge)

4 0.000 0.000 0.000 0.000 typing.py:1024(\_abc\_negative\_cache)

4 0.000 0.000 0.000 0.000 typing.py:1038(\_abc\_negative\_cache\_version)

4 0.000 0.000 0.000 0.000 session.py:102(<lambda>)

3 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2430(get\_label)

6 0.000 0.000 0.000 0.000 ticker.py:1463(raise\_if\_exceeds)

6 0.000 0.000 0.000 0.000 ticker.py:1597(\_\_call\_\_)

2 0.000 0.000 0.000 0.000 transforms.py:1337(contains\_branch\_seperately)

6 0.000 0.000 0.000 0.000 transforms.py:2463(transform\_path\_non\_affine)

7 0.000 0.000 0.000 0.000 patches.py:277(set\_antialiased)

1 0.000 0.000 0.000 0.000 gridspec.py:185(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:254(\_getdefaults)

3 0.000 0.000 0.000 0.000 \_base.py:894(set\_axes\_locator)

4 0.000 0.000 0.000 0.000 \_base.py:2757(get\_xbound)

18 0.000 0.000 0.000 0.000 spines.py:158(get\_path)

1 0.000 0.000 0.000 0.000 {method 'replace' of 'datetime.datetime' objects}

1 0.000 0.000 0.000 0.000 copy.py:268(\_reconstruct)

16 0.000 0.000 0.000 0.000 traitlets.py:216(\_\_call\_\_)

2 0.000 0.000 0.000 0.000 traitlets.py:2086(validate)

1 0.000 0.000 0.000 0.000 pretty.py:327(\_\_init\_\_)

1 0.000 0.000 0.001 0.001 formatters.py:56(\_default\_formatter)

1 0.000 0.000 0.000 0.000 session.py:561(msg\_header)

20 0.000 0.000 0.000 0.000 \_\_init\_\_.py:248(\_\_hash\_\_)

30 0.000 0.000 0.000 0.000 markers.py:277(get\_path)

6 0.000 0.000 0.000 0.000 patches.py:490(set\_hatch)

3 0.000 0.000 0.000 0.000 text.py:586(set\_clip\_box)

1 0.000 0.000 0.000 0.000 gridspec.py:122(<listcomp>)

4 0.000 0.000 0.000 0.000 \_base.py:273(<genexpr>)

4 0.000 0.000 0.012 0.003 spines.py:179(cla)

3 0.000 0.000 0.000 0.000 {method 'decode' of 'bytes' objects}

1 0.000 0.000 0.000 0.000 copyreg.py:96(\_slotnames)

4 0.000 0.000 0.000 0.000 pretty.py:450(\_\_init\_\_)

11 0.000 0.000 0.000 0.000 formatters.py:350(\_check\_return)

4 0.000 0.000 0.000 0.000 hmac.py:90(update)

6 0.000 0.000 0.000 0.000 fromnumeric.py:1487(nonzero)

12 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1482(<listcomp>)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1557(<listcomp>)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:129(set\_active)

14 0.000 0.000 0.000 0.000 backend\_bases.py:1028(set\_antialiased)

11 0.000 0.000 0.000 0.000 figure.py:82(<listcomp>)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1437(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:510(get\_children)

1 0.000 0.000 0.000 0.000 figure.py:865(fixlist)

1 0.000 0.000 0.001 0.001 \_axes.py:1826(step)

2 0.000 0.000 0.000 0.000 \_base.py:2242(<listcomp>)

8 0.000 0.000 0.000 0.000 axis.py:318(<listcomp>)

12 0.000 0.000 0.000 0.000 axis.py:1447(\_update\_axisinfo)

20 0.000 0.000 0.000 0.000 {method 'setdefault' of 'dict' objects}

9 0.000 0.000 0.000 0.000 {method 'join' of 'str' objects}

1 0.000 0.000 0.000 0.000 re.py:324(\_subx)

2 0.000 0.000 0.000 0.000 traitlets.py:188(parse\_notifier\_name)

11 0.000 0.000 0.000 0.000 pretty.py:100(\_safe\_getattr)

1 0.000 0.000 0.000 0.000 base64.py:515(\_input\_type\_check)

2 0.000 0.000 0.000 0.000 fromnumeric.py:2053(cumsum)

4 0.000 0.000 0.000 0.000 linalg.py:101(get\_linalg\_error\_extobj)

4 0.000 0.000 0.000 0.000 artist.py:793(set\_visible)

2 0.000 0.000 0.000 0.000 transforms.py:1650(\_init)

2 0.000 0.000 0.000 0.000 transforms.py:2170(\_\_init\_\_)

6 0.000 0.000 0.000 0.000 text.py:837(get\_size)

2 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:105(get\_all\_fig\_managers)

4 0.000 0.000 0.000 0.000 backend\_bases.py:2331(mpl\_connect)

3 0.000 0.000 0.000 0.000 {method 'copy' of '\_hashlib.HASH' objects}

12 0.000 0.000 0.000 0.000 \_collections\_abc.py:302(\_\_subclasshook\_\_)

1 0.000 0.000 0.000 0.000 weakref.py:356(remove)

1 0.000 0.000 0.000 0.000 sre\_parse.py:223(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 threading.py:242(\_\_exit\_\_)

2 0.000 0.000 0.001 0.000 traitlets.py:805(compatible\_observer)

10 0.000 0.000 0.000 0.000 traitlets.py:911(\_\_get\_\_)

2 0.000 0.000 0.000 0.000 traitlets.py:923(instance\_init)

2 0.000 0.000 0.000 0.000 traitlets.py:1237(observe)

3 0.000 0.000 0.000 0.000 configurable.py:381(instance)

1 0.000 0.000 0.101 0.101 pylabtools.py:237(<lambda>)

1 0.000 0.000 0.000 0.000 zmqshell.py:82(\_default\_thread\_local)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1217(bubble)

4 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1474(\_\_contains\_\_)

1 0.000 0.000 0.000 0.000 fontconfig\_pattern.py:195(<listcomp>)

5 0.000 0.000 0.000 0.000 transforms.py:978(minposx)

2 0.000 0.000 0.000 0.000 transforms.py:1638(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 transforms.py:1984(clear)

1 0.000 0.000 0.000 0.000 markers.py:808(\_set\_x)

1 0.000 0.000 0.000 0.000 pyplot.py:625(close)

11 0.000 0.000 0.000 0.000 figure.py:84(<listcomp>)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2385(mpl\_disconnect)

4 0.000 0.000 0.000 0.000 \_base.py:3105(get\_ybound)

1 0.000 0.000 0.000 0.000 re.py:314(\_compile\_repl)

2 0.000 0.000 0.000 0.000 traitlets.py:98(isidentifier)

3 0.000 0.000 0.000 0.000 pretty.py:385(\_in\_deferred\_types)

3 0.000 0.000 0.000 0.000 pretty.py:480(remove)

1 0.000 0.000 0.001 0.001 formatters.py:61(\_default\_mime\_formatter)

3 0.000 0.000 0.000 0.000 session.py:132(<genexpr>)

1 0.000 0.000 0.000 0.000 session.py:236(msg\_header)

1 0.000 0.000 0.000 0.000 zmqshell.py:87(\_hooks)

6 0.000 0.000 0.000 0.000 \_methods.py:31(\_sum)

6 0.000 0.000 0.000 0.000 ticker.py:297(set\_locs)

1 0.000 0.000 0.000 0.000 pyplot.py:595(get\_fignums)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:38(get\_fig\_manager)

1 0.000 0.000 0.000 0.000 gridspec.py:38(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:74(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:172(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:846(\_make\_key)

2 0.000 0.000 0.000 0.000 figure.py:1280(<lambda>)

1 0.000 0.000 0.000 0.000 figure.py:1559(\_set\_artist\_props)

1 0.000 0.000 0.000 0.000 \_base.py:481(<listcomp>)

3 0.000 0.000 0.000 0.000 \_base.py:847(get\_position)

10 0.000 0.000 0.000 0.000 scale.py:48(limit\_range\_for\_scale)

6 0.000 0.000 0.000 0.000 {method 'remove' of 'list' objects}

2 0.000 0.000 0.000 0.000 threading.py:239(\_\_enter\_\_)

4 0.000 0.000 0.000 0.000 py3compat.py:188(iteritems)

1 0.000 0.000 0.000 0.000 pretty.py:285(flush)

1 0.000 0.000 0.000 0.000 formatters.py:940(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 font\_manager.py:1014(set)

1 0.000 0.000 0.000 0.000 session.py:121(new\_id)

1 0.000 0.000 0.000 0.000 session.py:732(<listcomp>)

1 0.000 0.000 0.000 0.000 hmac.py:108(\_current)

1 0.000 0.000 0.000 0.000 numerictypes.py:603(obj2sctype)

4 0.000 0.000 0.000 0.000 linalg.py:198(\_assertRankAtLeast2)

13 0.000 0.000 0.000 0.000 artist.py:704(get\_clip\_box)

2 0.000 0.000 0.000 0.000 artist.py:243(get\_window\_extent)

4 0.000 0.000 0.000 0.000 colors.py:162(<genexpr>)

5 0.000 0.000 0.000 0.000 transforms.py:982(minposy)

2 0.000 0.000 0.000 0.000 transforms.py:1657(\_\_eq\_\_)

4 0.000 0.000 0.000 0.000 transforms.py:1692(frozen)

1 0.000 0.000 0.000 0.000 gridspec.py:252(<dictcomp>)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1410(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:111(bubble)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2648(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 figure.py:447(set\_tight\_layout)

2 0.000 0.000 0.000 0.000 figure.py:769(get\_facecolor)

2 0.000 0.000 0.000 0.000 figure.py:797(set\_facecolor)

2 0.000 0.000 0.000 0.000 \_base.py:154(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_base.py:920(\_gen\_axes\_patch)

1 0.000 0.000 0.000 0.000 {method 'tobytes' of 'numpy.generic' objects}

5 0.000 0.000 0.000 0.000 {built-in method builtins.repr}

1 0.000 0.000 0.000 0.000 sre\_parse.py:885(addgroup)

4 0.000 0.000 0.001 0.000 traitlets.py:576(\_\_set\_\_)

10 0.000 0.000 0.000 0.000 loader.py:165(\_ensure\_subconfig)

1 0.000 0.000 0.000 0.000 pretty.py:668(<listcomp>)

1 0.000 0.000 0.000 0.000 <decorator-gen-11>:1(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 session.py:242(extract\_header)

1 0.000 0.000 0.000 0.000 hmac.py:127(hexdigest)

1 0.000 0.000 0.000 0.000 iostream.py:247(send\_multipart)

4 0.000 0.000 0.000 0.000 transforms.py:1290(\_iter\_break\_from\_left\_to\_right)

2 0.000 0.000 0.000 0.000 transforms.py:1491(get\_matrix)

1 0.000 0.000 0.000 0.000 transforms.py:2694(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 lines.py:1262(\_get\_rgba\_ln\_color)

1 0.000 0.000 0.104 0.104 pyplot.py:234(show)

2 0.000 0.000 0.000 0.000 figure.py:789(set\_edgecolor)

1 0.000 0.000 0.000 0.000 figure.py:849(fixitems)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:52(get\_projection\_class)

8 0.000 0.000 0.000 0.000 axis.py:321(<listcomp>)

8 0.000 0.000 0.000 0.000 axis.py:341(<dictcomp>)

4 0.000 0.000 0.000 0.000 axis.py:1320(get\_major\_locator)

3 0.000 0.000 0.000 0.000 sre\_parse.py:253(get)

2 0.000 0.000 0.000 0.000 traitlets.py:1178(\_add\_notifiers)

1 0.000 0.000 0.000 0.000 pretty.py:458(\_\_init\_\_)

3 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1212(clear)

15 0.000 0.000 0.000 0.000 artist.py:708(get\_clip\_path)

1 0.000 0.000 0.000 0.000 transforms.py:788(null)

2 0.000 0.000 0.000 0.000 transforms.py:2808(get\_transformed\_path\_and\_affine)

1 0.000 0.000 0.000 0.000 gridspec.py:362(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 figure.py:161(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 figure.py:381(\_repr\_html\_)

4 0.000 0.000 0.000 0.000 figure.py:1276(<genexpr>)

4 0.000 0.000 0.000 0.000 \_base.py:904(get\_axes\_locator)

4 0.000 0.000 0.000 0.000 \_base.py:1226(get\_aspect)

1 0.000 0.000 0.000 0.000 \_base.py:1301(set\_anchor)

1 0.000 0.000 0.000 0.000 \_base.py:3923(get\_default\_bbox\_extra\_artists)

6 0.000 0.000 0.000 0.000 axis.py:926(<listcomp>)

1 0.000 0.000 0.837 0.837 <string>:1(<module>)

6 0.000 0.000 0.000 0.000 {method 'values' of 'collections.OrderedDict' objects}

5 0.000 0.000 0.000 0.000 {method 'strip' of 'str' objects}

1 0.000 0.000 0.000 0.000 {built-in method builtins.locals}

2 0.000 0.000 0.000 0.000 {built-in method binascii.b2a\_hex}

1 0.000 0.000 0.000 0.000 {built-in method utcnow}

3 0.000 0.000 0.000 0.000 weakref.py:371(\_commit\_removals)

2 0.000 0.000 0.000 0.000 threading.py:251(\_acquire\_restore)

8 0.000 0.000 0.000 0.000 linalg.py:111(isComplexType)

4 0.000 0.000 0.000 0.000 linalg.py:124(\_realType)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1162(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 lines.py:1417(is\_dashed)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:119(get\_active)

1 0.000 0.000 0.000 0.000 figure.py:103(\_entry\_from\_axes)

1 0.000 0.000 0.000 0.000 figure.py:164(\_\_contains\_\_)

2 0.000 0.000 0.000 0.000 figure.py:765(get\_edgecolor)

1 0.000 0.000 0.000 0.000 figure.py:1968(<listcomp>)

4 0.000 0.000 0.000 0.000 \_base.py:2257(<listcomp>)

8 0.000 0.000 0.000 0.000 axis.py:354(<listcomp>)

1 0.000 0.000 0.000 0.000 {method 'digest' of '\_hashlib.HASH' objects}

2 0.000 0.000 0.000 0.000 {method 'acquire' of '\_thread.RLock' objects}

10 0.000 0.000 0.000 0.000 {method '\_\_getitem\_\_' of 'dict' objects}

3 0.000 0.000 0.000 0.000 {method 'find' of 'str' objects}

2 0.000 0.000 0.000 0.000 threading.py:248(\_release\_save)

2 0.000 0.000 0.000 0.000 threading.py:254(\_is\_owned)

2 0.000 0.000 0.000 0.000 traitlets.py:2110(validate)

2 0.000 0.000 0.000 0.000 loader.py:252(\_\_getitem\_\_)

1 0.000 0.000 0.000 0.000 font\_manager.py:784(get\_fontconfig\_pattern)

1 0.000 0.000 0.000 0.000 session.py:509(msg\_id)

1 0.000 0.000 0.000 0.000 iostream.py:194(send\_multipart)

1 0.000 0.000 0.000 0.000 getlimits.py:92(\_str\_epsneg)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:275(report)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:309(ge)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1314(get\_backend)

2 0.000 0.000 0.000 0.000 transforms.py:307(x1)

2 0.000 0.000 0.000 0.000 transforms.py:316(y1)

12 0.000 0.000 0.000 0.000 transforms.py:1303(depth)

1 0.000 0.000 0.000 0.000 font\_manager.py:721(\_\_str\_\_)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2085(\_get\_output\_canvas)

2 0.000 0.000 0.000 0.000 figure.py:148(current\_key\_axes)

1 0.000 0.000 0.000 0.000 figure.py:1613(sca)

1 0.000 0.000 0.000 0.000 \_base.py:2726(set\_axis\_on)

2 0.000 0.000 0.000 0.000 \_base.py:2752(xaxis\_inverted)

2 0.000 0.000 0.000 0.000 \_base.py:3100(yaxis\_inverted)

3 0.000 0.000 0.000 0.000 axis.py:1481(have\_units)

4 0.000 0.000 0.000 0.000 scale.py:66(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 {method '\_\_array\_prepare\_\_' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 {method 'tolist' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 {method 'hexdigest' of '\_hashlib.HASH' objects}

2 0.000 0.000 0.000 0.000 {method 'release' of '\_thread.RLock' objects}

1 0.000 0.000 0.000 0.000 {method 'getvalue' of '\_io.BytesIO' objects}

1 0.000 0.000 0.000 0.000 {method 'getvalue' of '\_io.StringIO' objects}

1 0.000 0.000 0.000 0.000 {method 'startswith' of 'bytes' objects}

4 0.000 0.000 0.000 0.000 {method 'keys' of 'dict' objects}

5 0.000 0.000 0.000 0.000 {method 'pop' of 'list' objects}

2 0.000 0.000 0.000 0.000 {method 'isidentifier' of 'str' objects}

2 0.000 0.000 0.000 0.000 {built-in method builtins.vars}

1 0.000 0.000 0.000 0.000 copyreg.py:87(\_\_newobj\_\_)

2 0.000 0.000 0.000 0.000 traitlets.py:2045(validate)

1 0.000 0.000 0.000 0.000 <decorator-gen-12>:1(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 <decorator-gen-10>:1(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 displaypub.py:38(\_validate\_data)

1 0.000 0.000 0.000 0.000 formatters.py:664(\_singleton\_printers\_default)

1 0.000 0.000 0.000 0.000 formatters.py:931(\_check\_return)

2 0.000 0.000 0.000 0.000 jsonutil.py:34(\_ensure\_tzinfo)

1 0.000 0.000 0.000 0.000 getlimits.py:88(\_str\_eps)

1 0.000 0.000 0.000 0.000 getlimits.py:96(\_str\_xmin)

1 0.000 0.000 0.000 0.000 getlimits.py:100(\_str\_xmax)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2412(<listcomp>)

3 0.000 0.000 0.000 0.000 artist.py:619(set\_clip\_box)

4 0.000 0.000 0.000 0.000 transforms.py:2149(get\_affine)

2 0.000 0.000 0.000 0.000 artist.py:875(get\_zorder)

2 0.000 0.000 0.000 0.000 lines.py:954(get\_xydata)

1 0.000 0.000 0.000 0.000 gridspec.py:63(set\_width\_ratios)

1 0.000 0.000 0.000 0.000 gridspec.py:124(<listcomp>)

1 0.000 0.000 0.000 0.000 widgets.py:38(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 figure.py:593(set\_canvas)

1 0.000 0.000 0.000 0.000 figure.py:1943(<listcomp>)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:25(get\_projection\_class)

6 0.000 0.000 0.000 0.000 \_base.py:366(<genexpr>)

2 0.000 0.000 0.000 0.000 \_base.py:1298(get\_anchor)

1 0.000 0.000 0.000 0.000 \_base.py:3512(set\_navigate)

2 0.000 0.000 0.000 0.000 axis.py:729(unit\_data)

1 0.000 0.000 0.000 0.000 scale.py:522(get\_scale\_names)

4 0.000 0.000 0.000 0.000 backend\_agg.py:299(option\_image\_nocomposite)

1 0.000 0.000 0.000 0.000 {built-in method \_stat.S\_ISREG}

2 0.000 0.000 0.000 0.000 {method 'release' of '\_thread.lock' objects}

2 0.000 0.000 0.000 0.000 {method '\_\_enter\_\_' of '\_thread.lock' objects}

4 0.000 0.000 0.000 0.000 {method 'write' of '\_io.StringIO' objects}

1 0.000 0.000 0.000 0.000 {method 'get' of 'mappingproxy' objects}

5 0.000 0.000 0.000 0.000 {method '\_\_subclasshook\_\_' of 'object' objects}

1 0.000 0.000 0.000 0.000 {built-in method builtins.chr}

2 0.000 0.000 0.000 0.000 traitlets.py:2084(<lambda>)

1 0.000 0.000 0.000 0.000 py3compat.py:19(encode)

1 0.000 0.000 0.000 0.000 formatters.py:815(\_check\_return)

1 0.000 0.000 0.000 0.000 getlimits.py:104(\_str\_resolution)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1328(is\_interactive)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2407(<listcomp>)

2 0.000 0.000 0.000 0.000 artist.py:589(get\_figure)

2 0.000 0.000 0.000 0.000 patches.py:255(get\_facecolor)

2 0.000 0.000 0.000 0.000 patches.py:248(get\_edgecolor)

1 0.000 0.000 0.000 0.000 gridspec.py:72(set\_height\_ratios)

1 0.000 0.000 0.000 0.000 gridspec.py:123(<listcomp>)

1 0.000 0.000 0.000 0.000 gridspec.py:125(<listcomp>)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1792(is\_saving)

2 0.000 0.000 0.000 0.000 backend\_bases.py:2684(resize)

1 0.000 0.000 0.000 0.000 \_subplots.py:165(subplot\_class\_factory)

1 0.000 0.000 0.000 0.000 \_base.py:103(<listcomp>)

2 0.000 0.000 0.000 0.000 \_base.py:284(\_setdefaults)

2 0.000 0.000 0.000 0.000 \_base.py:2049(use\_sticky\_edges)

1 0.000 0.000 0.000 0.000 \_base.py:3526(set\_navigate\_mode)

2 0.000 0.000 0.000 0.000 {method 'append' of 'collections.deque' objects}

1 0.000 0.000 0.000 0.000 {method 'clear' of 'collections.deque' objects}

1 0.000 0.000 0.000 0.000 {method 'clear' of 'dict' objects}

1 0.000 0.000 0.000 0.000 tz.py:36(utcoffset)

2 0.000 0.000 0.000 0.000 artist.py:856(get\_label)

6 0.000 0.000 0.000 0.000 ticker.py:1600(tick\_values)

1 0.000 0.000 0.000 0.000 patches.py:288(set\_aa)

4 0.000 0.000 0.000 0.000 gridspec.py:48(get\_geometry)

1 0.000 0.000 0.000 0.000 gridspec.py:378(get\_gridspec)

1 0.000 0.000 0.000 0.000 figure.py:104(<dictcomp>)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2678(destroy)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:36(\_l)

2 0.000 0.000 0.000 0.000 figure.py:441(get\_tight\_layout)

1 0.000 0.000 0.000 0.000 \_subplots.py:101(get\_subplotspec)

2 0.000 0.000 0.000 0.000 {method '\_\_exit\_\_' of '\_thread.lock' objects}

1 0.000 0.000 0.000 0.000 {method 'items' of 'collections.OrderedDict' objects}

1 0.000 0.000 0.000 0.000 {method 'disable' of '\_lsprof.Profiler' objects}

cProfile:

Hello user, where is your worker? (format: 0,0)0,0

Where is your worker's end location? (format: 0,0 -now, same as start)0,0

startPoint [0, 0, 0]

endPoint [999999, 0, 0]

Which order?9

start Sun Apr 22 22:01:33 2018

tt distance

39.2

bestPath order

[0, 16, 17, 18, 19, 20, 21, 12, 11, 10, 9, 15, 14, 13, 8, 7, 6, 5, 4, 3, 2, 1, 0]

Path

[ 0. 0. 0.]

[ 2.26774000e+05 4.20000000e+00 6.00000000e+00]

[ 3.32555000e+05 3.10000000e+00 7.00000000e+00]

[ 1.05912000e+05 3.20000000e+00 7.00000000e+00]

[ 1.03313000e+05 3.30000000e+00 7.00000000e+00]

[ 2.27534000e+05 3.30000000e+00 7.00000000e+00]

[ 3.84900000e+05 7.10000000e+00 7.00000000e+00]

[ 3.65797000e+05 1.00000000e+01 4.00000000e+00]

[ 6.80480000e+04 7.20000000e+00 4.00000000e+00]

[ 7.36831000e+05 7.00000000e+00 4.00000000e+00]

[ 7.36830000e+05 7.00000000e+00 4.00000000e+00]

[ 4.79020000e+05 6.30000000e+00 5.00000000e+00]

[ 1.37218400e+06 5.40000000e+00 5.00000000e+00]

[ 7.69581000e+05 5.40000000e+00 5.00000000e+00]

[ 9.70770000e+04 5.30000000e+00 4.00000000e+00]

[ 4.27230000e+05 5.10000000e+00 4.00000000e+00]

[ 3.91680000e+05 5.20000000e+00 3.00000000e+00]

[ 3.72539000e+05 5.20000000e+00 3.00000000e+00]

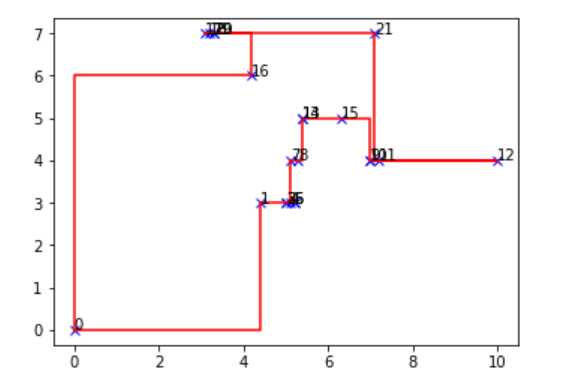
[ 3.96879000e+05 5.10000000e+00 3.00000000e+00]

[ 1.88856000e+05 5.00000000e+00 3.00000000e+00]

[ 1.17900000e+05 5.00000000e+00 3.00000000e+00]

[ 2.08660000e+05 4.40000000e+00 3.00000000e+00]

[ 0. 0. 0.]



672595 function calls (669952 primitive calls) in 0.864 seconds

Ordered by: cumulative time

ncalls tottime percall cumtime percall filename:lineno(function)

1 0.000 0.000 0.864 0.864 {built-in method builtins.exec}

1 0.000 0.000 0.864 0.864 <string>:1(<module>)

1 0.000 0.000 0.864 0.864 <ipython-input-5-0bf6db1514f3>:141(opt2)

1 0.005 0.005 0.726 0.726 <ipython-input-5-0bf6db1514f3>:118(pathOpt)

12721 0.095 0.000 0.675 0.000 <ipython-input-5-0bf6db1514f3>:90(ttPathDist)

167042 0.552 0.000 0.579 0.000 <ipython-input-5-0bf6db1514f3>:77(calDist)

4240 0.002 0.000 0.306 0.000 <ipython-input-5-0bf6db1514f3>:97(pathCompare)

1 0.000 0.000 0.133 0.133 <ipython-input-5-0bf6db1514f3>:133(plotPath)

1 0.000 0.000 0.094 0.094 pyplot.py:234(show)

1 0.000 0.000 0.094 0.094 backend\_inline.py:18(show)

1 0.000 0.000 0.093 0.093 display.py:142(display)

1 0.000 0.000 0.092 0.092 formatters.py:89(format)

12 0.000 0.000 0.092 0.008 formatters.py:211(catch\_format\_error)

9 0.000 0.000 0.091 0.010 <decorator-gen-9>:1(\_\_call\_\_)

9 0.000 0.000 0.091 0.010 formatters.py:322(\_\_call\_\_)

1 0.000 0.000 0.091 0.091 pylabtools.py:237(<lambda>)

1 0.000 0.000 0.091 0.091 pylabtools.py:90(print\_figure)

1 0.000 0.000 0.091 0.091 backend\_bases.py:2107(print\_figure)

2 0.000 0.000 0.080 0.040 backend\_agg.py:506(print\_png)

2 0.000 0.000 0.066 0.033 backend\_agg.py:418(draw)

174/2 0.000 0.000 0.066 0.033 artist.py:47(draw\_wrapper)

2 0.000 0.000 0.066 0.033 figure.py:1264(draw)

4/2 0.000 0.000 0.065 0.033 image.py:120(\_draw\_list\_compositing\_images)

2 0.000 0.000 0.065 0.033 \_base.py:2320(draw)

4 0.000 0.000 0.040 0.010 axis.py:1125(draw)

52/44 0.001 0.000 0.039 0.001 axis.py:68(\_\_init\_\_)

1 0.000 0.000 0.032 0.032 pyplot.py:964(subplot)

4240 0.013 0.000 0.032 0.000 <ipython-input-5-0bf6db1514f3>:102(genRandomPath)

1 0.000 0.000 0.032 0.032 figure.py:978(add\_subplot)

1 0.000 0.000 0.032 0.032 \_subplots.py:23(\_\_init\_\_)

1 0.000 0.000 0.032 0.032 \_base.py:420(\_\_init\_\_)

86 0.002 0.000 0.028 0.000 text.py:740(draw)

12 0.000 0.000 0.027 0.002 axis.py:742(cla)

317038 0.027 0.000 0.027 0.000 {built-in method builtins.abs}

16/12 0.000 0.000 0.025 0.002 axis.py:780(reset\_ticks)

158 0.003 0.000 0.022 0.000 lines.py:295(\_\_init\_\_)

136 0.003 0.000 0.021 0.000 text.py:330(\_get\_layout)

6 0.000 0.000 0.021 0.003 axis.py:966(\_update\_ticks)

27/23 0.000 0.000 0.020 0.001 axis.py:2074(\_get\_tick)

1 0.000 0.000 0.019 0.019 \_base.py:956(cla)

25/21 0.000 0.000 0.019 0.001 axis.py:1743(\_get\_tick)

60 0.000 0.000 0.018 0.000 axis.py:913(iter\_ticks)

9069 0.018 0.000 0.018 0.000 {method 'randint' of 'mtrand.RandomState' objects}

2 0.014 0.007 0.014 0.007 {built-in method matplotlib.\_png.write\_png}

4 0.000 0.000 0.013 0.003 spines.py:179(cla)

74 0.000 0.000 0.013 0.000 text.py:935(get\_window\_extent)

4240 0.007 0.000 0.012 0.000 <ipython-input-5-0bf6db1514f3>:113(reversePath)

6 0.000 0.000 0.012 0.002 axis.py:1336(get\_major\_ticks)

28 0.000 0.000 0.012 0.000 axis.py:267(draw)

1 0.000 0.000 0.011 0.011 \_base.py:608(\_init\_axis)

6 0.000 0.000 0.010 0.002 axis.py:1064(\_get\_tick\_bboxes)

144 0.001 0.000 0.009 0.000 backend\_agg.py:214(get\_text\_width\_height\_descent)

206 0.000 0.000 0.008 0.000 markers.py:167(\_\_init\_\_)

72 0.001 0.000 0.007 0.000 backend\_agg.py:183(draw\_text)

206 0.001 0.000 0.007 0.000 markers.py:251(set\_marker)

32 0.001 0.000 0.007 0.000 lines.py:731(draw)

4 0.000 0.000 0.007 0.002 spines.py:167(register\_axis)

216/176 0.000 0.000 0.007 0.000 spines.py:440(get\_spine\_transform)

216 0.006 0.000 0.006 0.000 {method 'set\_text' of 'matplotlib.ft2font.FT2Font' objects}

224/176 0.000 0.000 0.006 0.000 spines.py:161(\_ensure\_position\_is\_set)

8 0.000 0.000 0.006 0.001 spines.py:395(set\_position)

412 0.000 0.000 0.006 0.000 markers.py:200(\_recache)

25/23 0.000 0.000 0.006 0.000 axis.py:438(\_get\_tick1line)

216 0.001 0.000 0.006 0.000 backend\_agg.py:265(\_get\_agg\_font)

27/25 0.000 0.000 0.006 0.000 axis.py:558(\_get\_tick1line)

1 0.000 0.000 0.006 0.006 figure.py:1952(get\_tightbbox)

1 0.000 0.000 0.006 0.006 \_base.py:3927(get\_tightbbox)

25/23 0.000 0.000 0.006 0.000 axis.py:449(\_get\_tick2line)

3474 0.005 0.000 0.005 0.000 {built-in method numpy.core.multiarray.array}

82 0.001 0.000 0.005 0.000 lines.py:649(recache)

4632 0.005 0.000 0.005 0.000 {method 'copy' of 'numpy.ndarray' objects}

27/25 0.000 0.000 0.005 0.000 axis.py:573(\_get\_tick2line)

6 0.000 0.000 0.005 0.001 ticker.py:1955(\_\_call\_\_)

6 0.000 0.000 0.005 0.001 ticker.py:1959(tick\_values)

2 0.000 0.000 0.005 0.003 axis.py:1082(get\_tightbbox)

6 0.000 0.000 0.005 0.001 ticker.py:1904(\_raw\_ticks)

27 0.000 0.000 0.005 0.000 axis.py:587(\_get\_gridline)

42 0.000 0.000 0.005 0.000 artist.py:629(set\_clip\_path)

216 0.000 0.000 0.005 0.000 font\_manager.py:1458(findfont)

25 0.000 0.000 0.005 0.000 axis.py:464(\_get\_gridline)

166 0.000 0.000 0.005 0.000 transforms.py:1499(transform\_point)

216 0.000 0.000 0.005 0.000 font\_manager.py:1244(findfont)

22 0.000 0.000 0.005 0.000 \_axes.py:569(text)

7516 0.004 0.000 0.004 0.000 \_\_init\_\_.py:825(\_\_getitem\_\_)

65 0.000 0.000 0.004 0.000 patches.py:216(get\_transform)

165 0.001 0.000 0.004 0.000 font\_manager.py:659(\_\_init\_\_)

173 0.000 0.000 0.004 0.000 transforms.py:2054(scale)

28 0.000 0.000 0.004 0.000 {built-in method builtins.print}

216 0.000 0.000 0.004 0.000 font\_manager.py:1007(get)

2 0.000 0.000 0.004 0.002 axis.py:642(\_\_init\_\_)

696 0.004 0.000 0.004 0.000 {built-in method numpy.core.multiarray.dot}

174 0.000 0.000 0.004 0.000 transforms.py:1406(transform)

1443 0.004 0.000 0.004 0.000 {method 'reduce' of 'numpy.ufunc' objects}

5789/5154 0.003 0.000 0.004 0.000 artist.py:230(stale)

133 0.001 0.000 0.004 0.000 text.py:188(\_\_init\_\_)

54 0.000 0.000 0.004 0.000 lines.py:945(get\_path)

47 0.000 0.000 0.004 0.000 patches.py:721(get\_patch\_transform)

47 0.000 0.000 0.004 0.000 patches.py:705(\_update\_patch\_transform)

229/105 0.000 0.000 0.004 0.000 \_base.py:676(get\_xaxis\_transform)

659 0.001 0.000 0.004 0.000 transforms.py:1898(\_\_init\_\_)

5885 0.001 0.000 0.003 0.000 {built-in method builtins.isinstance}

247/115 0.000 0.000 0.003 0.000 \_base.py:756(get\_yaxis\_transform)

19 0.000 0.000 0.003 0.000 transforms.py:718(union)

23 0.000 0.000 0.003 0.000 numeric.py:1905(array\_str)

23 0.000 0.000 0.003 0.000 arrayprint.py:381(wrapper)

23 0.000 0.000 0.003 0.000 arrayprint.py:399(array2string)

3/2 0.000 0.000 0.003 0.002 \_\_init\_\_.py:1628(inner)

23 0.000 0.000 0.003 0.000 arrayprint.py:343(\_array2string)

174 0.000 0.000 0.003 0.000 transforms.py:2449(transform\_affine)

2 0.000 0.000 0.003 0.001 \_axes.py:1295(plot)

348 0.001 0.000 0.003 0.000 artist.py:813(update)

749 0.000 0.000 0.003 0.000 {method 'get' of 'dict' objects}

1237 0.000 0.000 0.003 0.000 numeric.py:463(asarray)

136 0.000 0.000 0.003 0.000 text.py:902(get\_prop\_tup)

784 0.002 0.000 0.003 0.000 font\_manager.py:705(\_\_hash\_\_)

300/182 0.001 0.000 0.003 0.000 transforms.py:2473(get\_affine)

353 0.002 0.000 0.003 0.000 artist.py:87(\_\_init\_\_)

22 0.000 0.000 0.003 0.000 text.py:595(set\_clip\_path)

404 0.000 0.000 0.002 0.000 transforms.py:124(invalidate)

27 0.000 0.000 0.002 0.000 axis.py:528(\_get\_text1)

24253 0.002 0.000 0.002 0.000 {built-in method builtins.len}

1506/938 0.001 0.000 0.002 0.000 {built-in method builtins.hash}

345 0.000 0.000 0.002 0.000 fromnumeric.py:1886(any)

292 0.000 0.000 0.002 0.000 axis.py:1484(convert\_units)

25 0.000 0.000 0.002 0.000 axis.py:405(\_get\_text1)

210 0.000 0.000 0.002 0.000 text.py:888(get\_unitless\_position)

294 0.001 0.000 0.002 0.000 transforms.py:749(\_\_init\_\_)

3 0.000 0.000 0.002 0.001 axis.py:2036(get\_tick\_space)

3 0.000 0.000 0.002 0.001 axis.py:2373(get\_tick\_space)

16 0.000 0.000 0.002 0.000 axis.py:1300(\_copy\_tick\_props)

310/299 0.001 0.000 0.002 0.000 units.py:124(get\_converter)

918/404 0.001 0.000 0.002 0.000 transforms.py:135(\_invalidate\_internal)

262 0.000 0.000 0.002 0.000 numeric.py:2365(identity)

25 0.000 0.000 0.002 0.000 axis.py:422(\_get\_text2)

27 0.000 0.000 0.002 0.000 axis.py:543(\_get\_text2)

119 0.000 0.000 0.002 0.000 transforms.py:2008(rotate\_deg)

2 0.000 0.000 0.002 0.001 axis.py:873(set\_clip\_path)

981 0.001 0.000 0.002 0.000 abc.py:178(\_\_instancecheck\_\_)

119 0.001 0.000 0.002 0.000 transforms.py:1992(rotate)

456 0.000 0.000 0.002 0.000 artist.py:184(convert\_xunits)

134 0.000 0.000 0.002 0.000 transforms.py:796(from\_bounds)

47 0.000 0.000 0.002 0.000 transforms.py:2028(rotate\_deg\_around)

135 0.000 0.000 0.002 0.000 transforms.py:806(from\_extents)

8 0.000 0.000 0.002 0.000 axis.py:209(set\_clip\_path)

158 0.000 0.000 0.002 0.000 lines.py:1160(set\_markerfacecolor)

94 0.000 0.000 0.002 0.000 path.py:105(\_\_init\_\_)

216 0.000 0.000 0.002 0.000 font\_manager.py:715(\_\_eq\_\_)

1158 0.001 0.000 0.002 0.000 artist.py:288(pchanged)

23 0.000 0.000 0.002 0.000 arrayprint.py:535(\_formatArray)

32 0.000 0.000 0.002 0.000 markers.py:722(\_set\_tickdown)

48 0.000 0.000 0.002 0.000 lines.py:1228(update\_from)

12 0.000 0.000 0.002 0.000 patches.py:523(draw)

2 0.000 0.000 0.002 0.001 \_base.py:2216(autoscale\_view)

1 0.000 0.000 0.001 0.001 display.py:82(publish\_display\_data)

458 0.000 0.000 0.001 0.000 artist.py:193(convert\_yunits)

1 0.000 0.000 0.001 0.001 zmqshell.py:94(publish)

36 0.000 0.000 0.001 0.000 markers.py:702(\_set\_tickleft)

189 0.000 0.000 0.001 0.000 text.py:237(update)

4 0.000 0.000 0.001 0.000 \_base.py:2250(handle\_single\_axis)

348 0.000 0.000 0.001 0.000 artist.py:846(<listcomp>)

1 0.000 0.000 0.001 0.001 \_axes.py:1826(step)

16 0.000 0.000 0.001 0.000 ticker.py:2488(\_\_init\_\_)

444 0.000 0.000 0.001 0.000 \_methods.py:28(\_amin)

1094 0.001 0.000 0.001 0.000 transforms.py:1753(\_\_init\_\_)

69 0.001 0.000 0.001 0.000 arrayprint.py:668(\_\_call\_\_)

295 0.000 0.000 0.001 0.000 colors.py:119(to\_rgba)

16 0.000 0.000 0.001 0.000 ticker.py:1801(\_\_init\_\_)

345 0.000 0.000 0.001 0.000 {method 'any' of 'numpy.ndarray' objects}

262 0.001 0.000 0.001 0.000 twodim\_base.py:139(eye)

32 0.000 0.000 0.001 0.000 ticker.py:1874(set\_params)

216 0.000 0.000 0.001 0.000 font\_manager.py:1003(make\_rcparams\_key)

223 0.000 0.000 0.001 0.000 transforms.py:1266(\_\_add\_\_)

247 0.000 0.000 0.001 0.000 artist.py:818(\_update\_property)

23 0.000 0.000 0.001 0.000 arrayprint.py:299(\_get\_format\_function)

302 0.000 0.000 0.001 0.000 \_\_init\_\_.py:2301(safe\_first\_element)

32 0.000 0.000 0.001 0.000 markers.py:716(\_set\_tickup)

468 0.000 0.000 0.001 0.000 \_methods.py:25(\_amax)

294 0.000 0.000 0.001 0.000 fromnumeric.py:2275(amin)

116 0.000 0.000 0.001 0.000 backend\_bases.py:796(new\_gc)

94 0.000 0.000 0.001 0.000 path.py:204(\_update\_values)

233 0.000 0.000 0.001 0.000 transforms.py:2552(composite\_transform\_factory)

23 0.000 0.000 0.001 0.000 arrayprint.py:260(<lambda>)

345 0.000 0.000 0.001 0.000 \_methods.py:37(\_any)

23 0.000 0.000 0.001 0.000 arrayprint.py:603(\_\_init\_\_)

116 0.000 0.000 0.001 0.000 backend\_bases.py:858(\_\_init\_\_)

297 0.000 0.000 0.001 0.000 fromnumeric.py:2174(amax)

316 0.000 0.000 0.001 0.000 \_\_init\_\_.py:2000(\_to\_unmasked\_float\_array)

36 0.000 0.000 0.001 0.000 markers.py:708(\_set\_tickright)

158 0.000 0.000 0.001 0.000 lines.py:1047(set\_linestyle)

23 0.000 0.000 0.001 0.000 arrayprint.py:617(fillFormat)

332 0.000 0.000 0.001 0.000 transforms.py:1774(transform)

30 0.000 0.000 0.001 0.000 backend\_agg.py:116(draw\_markers)

158 0.000 0.000 0.001 0.000 lines.py:1172(set\_markerfacecoloralt)

94 0.000 0.000 0.001 0.000 transforms.py:2040(translate)

30 0.001 0.000 0.001 0.000 {method 'draw\_markers' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

376 0.000 0.000 0.001 0.000 artist.py:596(set\_figure)

296 0.000 0.000 0.001 0.000 font\_manager.py:977(\_normalize\_font\_family)

1183 0.001 0.000 0.001 0.000 six.py:586(iteritems)

3 0.000 0.000 0.001 0.000 axis.py:2162(\_update\_label\_position)

177 0.000 0.000 0.001 0.000 fromnumeric.py:2792(round\_)

216 0.000 0.000 0.001 0.000 font\_manager.py:1005(<listcomp>)

731 0.000 0.000 0.001 0.000 numeric.py:534(asanyarray)

72 0.001 0.000 0.001 0.000 {method 'draw\_text\_image' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

197 0.000 0.000 0.001 0.000 fromnumeric.py:55(\_wrapfunc)

338 0.000 0.000 0.001 0.000 transforms.py:1854(transform\_affine)

56 0.000 0.000 0.001 0.000 iostream.py:342(write)

64 0.000 0.000 0.001 0.000 transforms.py:689(translated)

2 0.000 0.000 0.001 0.000 \_base.py:1748(add\_line)

62 0.001 0.000 0.001 0.000 iostream.py:180(schedule)

295 0.000 0.000 0.001 0.000 colors.py:98(\_is\_nth\_color)

177 0.000 0.000 0.001 0.000 fromnumeric.py:2723(around)

2126 0.001 0.000 0.001 0.000 {built-in method builtins.getattr}

418 0.000 0.000 0.001 0.000 artist.py:66(\_stale\_axes\_callback)

305 0.000 0.000 0.001 0.000 artist.py:303(set\_transform)

260 0.000 0.000 0.001 0.000 axis.py:309(\_set\_artist\_props)

1 0.000 0.000 0.001 0.001 zmqshell.py:77(\_flush\_streams)

30 0.000 0.000 0.001 0.000 transforms.py:2797(get\_transformed\_points\_and\_affine)

2 0.000 0.000 0.001 0.000 iostream.py:311(flush)

212 0.000 0.000 0.001 0.000 numeric.py:2667(seterr)

268/192 0.000 0.000 0.001 0.000 transforms.py:2403(\_invalidate\_internal)

229 0.000 0.000 0.001 0.000 transforms.py:2371(\_\_init\_\_)

1710 0.001 0.000 0.001 0.000 transforms.py:83(\_\_init\_\_)

128 0.000 0.000 0.001 0.000 transforms.py:343(xmin)

3 0.000 0.000 0.001 0.000 axis.py:1834(\_update\_label\_position)

82 0.000 0.000 0.001 0.000 stride\_tricks.py:195(broadcast\_arrays)

32 0.000 0.000 0.001 0.000 transforms.py:2783(\_revalidate)

84 0.000 0.000 0.001 0.000 shape\_base.py:314(column\_stack)

1596 0.001 0.000 0.001 0.000 \_weakrefset.py:70(\_\_contains\_\_)

489 0.001 0.000 0.001 0.000 transforms.py:162(set\_children)

14 0.000 0.000 0.001 0.000 backend\_agg.py:137(draw\_path)

5791 0.001 0.000 0.001 0.000 artist.py:696(get\_animated)

8 0.000 0.000 0.001 0.000 spines.py:314(draw)

6 0.000 0.000 0.001 0.000 ticker.py:660(set\_locs)

138 0.000 0.000 0.001 0.000 {method 'all' of 'numpy.ndarray' objects}

32 0.000 0.000 0.001 0.000 ticker.py:1866(\_staircase)

19 0.000 0.000 0.001 0.000 transforms.py:725(<listcomp>)

2 0.000 0.000 0.001 0.000 threading.py:533(wait)

1 0.000 0.000 0.001 0.001 \_base.py:936(\_gen\_axes\_spines)

72 0.001 0.000 0.001 0.000 {method 'acquire' of '\_thread.lock' objects}

14 0.001 0.000 0.001 0.000 {method 'draw\_path' of 'matplotlib.backends.\_backend\_agg.RendererAgg' objects}

4 0.000 0.000 0.001 0.000 spines.py:489(linear\_spine)

2 0.000 0.000 0.001 0.000 threading.py:263(wait)

158 0.000 0.000 0.001 0.000 lines.py:715(set\_transform)

5 0.000 0.000 0.001 0.000 patches.py:586(get\_window\_extent)

11 0.000 0.000 0.001 0.000 path.py:527(get\_extents)

158 0.000 0.000 0.001 0.000 \_\_init\_\_.py:585(is\_numlike)

711 0.000 0.000 0.001 0.000 six.py:583(itervalues)

32 0.000 0.000 0.001 0.000 text.py:317(update\_from)

316 0.000 0.000 0.001 0.000 lines.py:1015(\_split\_drawstyle\_linestyle)

138 0.000 0.000 0.001 0.000 \_methods.py:40(\_all)

150 0.000 0.000 0.001 0.000 {method 'min' of 'numpy.ndarray' objects}

72 0.000 0.000 0.001 0.000 path.py:170(\_fast\_from\_codes\_and\_verts)

42 0.000 0.000 0.001 0.000 transforms.py:1536(transform\_path\_non\_affine)

289 0.000 0.000 0.001 0.000 re.py:169(match)

6 0.000 0.000 0.001 0.000 axis.py:1783(\_get\_pixel\_distance\_along\_axis)

128 0.000 0.000 0.001 0.000 transforms.py:357(xmax)

19 0.000 0.000 0.001 0.000 transforms.py:726(<listcomp>)

6 0.000 0.000 0.001 0.000 patches.py:87(\_\_init\_\_)

19 0.000 0.000 0.001 0.000 transforms.py:727(<listcomp>)

144 0.000 0.000 0.001 0.000 text.py:295(get\_rotation)

131 0.000 0.000 0.001 0.000 transforms.py:364(ymax)

27 0.000 0.000 0.001 0.000 axis.py:507(\_get\_text1\_transform)

128 0.000 0.000 0.001 0.000 transforms.py:350(ymin)

4 0.000 0.000 0.001 0.000 spines.py:45(\_\_init\_\_)

2547 0.001 0.000 0.001 0.000 {built-in method builtins.iter}

43 0.000 0.000 0.001 0.000 transforms.py:780(unit)

158 0.000 0.000 0.001 0.000 lines.py:632(set\_data)

479 0.001 0.000 0.001 0.000 {built-in method numpy.core.multiarray.zeros}

25 0.000 0.000 0.001 0.000 axis.py:385(\_get\_text1\_transform)

19 0.000 0.000 0.001 0.000 transforms.py:728(<listcomp>)

423 0.000 0.000 0.001 0.000 <frozen importlib.\_bootstrap>:997(\_handle\_fromlist)

53 0.000 0.000 0.001 0.000 transforms.py:1059(get\_points)

131 0.000 0.000 0.001 0.000 font\_manager.py:798(set\_family)

32 0.000 0.000 0.001 0.000 shape\_base.py:239(hstack)

27 0.000 0.000 0.001 0.000 \_base.py:781(get\_yaxis\_text1\_transform)

106 0.000 0.000 0.001 0.000 numeric.py:3064(\_\_enter\_\_)

144 0.000 0.000 0.001 0.000 text.py:1218(is\_math\_text)

131 0.000 0.000 0.001 0.000 font\_manager.py:833(set\_weight)

4 0.000 0.000 0.001 0.000 \_base.py:398(\_grab\_next\_args)

25 0.000 0.000 0.001 0.000 \_base.py:701(get\_xaxis\_text1\_transform)

2 0.000 0.000 0.001 0.000 \_base.py:353(\_plot\_args)

129 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.concatenate}

171 0.000 0.000 0.000 0.000 {method 'max' of 'numpy.ndarray' objects}

4 0.000 0.000 0.000 0.000 axis.py:710(\_set\_scale)

105 0.000 0.000 0.000 0.000 transforms.py:2729(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 figure.py:429(\_set\_dpi)

144 0.000 0.000 0.000 0.000 text.py:64(get\_rotation)

27 0.000 0.000 0.000 0.000 axis.py:510(\_get\_text2\_transform)

3 0.000 0.000 0.000 0.000 axis.py:1872(\_update\_offset\_text\_position)

4 0.000 0.000 0.000 0.000 scale.py:69(set\_default\_locators\_and\_formatters)

1 0.000 0.000 0.000 0.000 pyplot.py:581(gcf)

156 0.000 0.000 0.000 0.000 {method 'round' of 'numpy.generic' objects}

1 0.000 0.000 0.000 0.000 pyplot.py:417(figure)

106 0.000 0.000 0.000 0.000 numeric.py:3069(\_\_exit\_\_)

25 0.000 0.000 0.000 0.000 axis.py:388(\_get\_text2\_transform)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:14(adjust\_bbox)

6 0.000 0.000 0.000 0.000 axis.py:920(<listcomp>)

72 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1146(\_\_setitem\_\_)

80 0.000 0.000 0.000 0.000 artist.py:915(update\_from)

72 0.000 0.000 0.000 0.000 {method 'draw\_glyphs\_to\_bitmap' of 'matplotlib.ft2font.FT2Font' objects}

27 0.000 0.000 0.000 0.000 \_base.py:808(get\_yaxis\_text2\_transform)

10 0.000 0.000 0.000 0.000 text.py:284(\_get\_xy\_display)

6 0.000 0.000 0.000 0.000 ticker.py:741(\_set\_format)

1161 0.000 0.000 0.000 0.000 {built-in method builtins.hasattr}

232 0.000 0.000 0.000 0.000 backend\_bases.py:1086(set\_foreground)

91 0.000 0.000 0.000 0.000 transforms.py:1826(frozen)

131 0.000 0.000 0.000 0.000 font\_manager.py:869(set\_size)

6 0.000 0.000 0.000 0.000 axis.py:2117(\_get\_pixel\_distance\_along\_axis)

25 0.000 0.000 0.000 0.000 \_base.py:729(get\_xaxis\_text2\_transform)

216 0.000 0.000 0.000 0.000 backend\_agg.py:55(get\_hinting\_flag)

1 0.000 0.000 0.000 0.000 backend\_bases.py:162(new\_figure\_manager)

51 0.000 0.000 0.000 0.000 axis.py:602(update\_position)

345 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.affine\_transform}

54 0.000 0.000 0.000 0.000 ticker.py:571(\_\_call\_\_)

16 0.000 0.000 0.000 0.000 ticker.py:1847(\_validate\_steps)

333 0.000 0.000 0.000 0.000 lines.py:63(\_scale\_dashes)

2 0.000 0.000 0.000 0.000 \_base.py:1777(\_update\_line\_limits)

8 0.000 0.000 0.000 0.000 numeric.py:2463(isclose)

34 0.000 0.000 0.000 0.000 font\_manager.py:914(copy)

112 0.000 0.000 0.000 0.000 artist.py:881(set\_zorder)

341 0.000 0.000 0.000 0.000 {method 'reshape' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 pyplot.py:625(close)

4 0.000 0.000 0.000 0.000 transforms.py:731(intersection)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:85(destroy\_all)

43 0.000 0.000 0.000 0.000 axis.py:479(update\_position)

32 0.000 0.000 0.000 0.000 shape\_base.py:288(<listcomp>)

2 0.000 0.000 0.000 0.000 \_base.py:296(\_makeline)

1535 0.000 0.000 0.000 0.000 {method 'items' of 'dict' objects}

176 0.000 0.000 0.000 0.000 transforms.py:2453(transform\_non\_affine)

131 0.000 0.000 0.000 0.000 font\_manager.py:851(set\_stretch)

158 0.000 0.000 0.000 0.000 lines.py:1000(set\_linewidth)

2 0.000 0.000 0.000 0.000 figure.py:707(set\_size\_inches)

206 0.000 0.000 0.000 0.000 markers.py:226(set\_fillstyle)

1 0.000 0.000 0.000 0.000 figure.py:276(\_\_init\_\_)

212 0.000 0.000 0.000 0.000 numeric.py:2767(geterr)

247 0.000 0.000 0.000 0.000 text.py:1207(set\_text)

2449 0.000 0.000 0.000 0.000 artist.py:202(axes)

144 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1984(is\_math\_text)

24/12 0.000 0.000 0.000 0.000 transforms.py:2481(inverted)

96 0.000 0.000 0.000 0.000 shape\_base.py:11(atleast\_1d)

19 0.000 0.000 0.000 0.000 patches.py:320(\_set\_facecolor)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:41(restore\_bbox)

60 0.000 0.000 0.000 0.000 lines.py:1253(\_get\_rgba\_face)

158 0.000 0.000 0.000 0.000 lines.py:1377(set\_dash\_capstyle)

1 0.000 0.000 0.000 0.000 {built-in method gc.collect}

2 0.000 0.000 0.000 0.000 transforms.py:951(p1)

3 0.000 0.000 0.000 0.000 \_base.py:1355(apply\_aspect)

353 0.000 0.000 0.000 0.000 <string>:12(\_\_new\_\_)

1 0.000 0.000 0.000 0.000 session.py:657(send)

106 0.000 0.000 0.000 0.000 transforms.py:2330(get\_matrix)

82 0.000 0.000 0.000 0.000 stride\_tricks.py:176(\_broadcast\_shape)

3 0.000 0.000 0.000 0.000 \_base.py:2839(set\_xlim)

217 0.000 0.000 0.000 0.000 lines.py:1195(set\_xdata)

133 0.000 0.000 0.000 0.000 text.py:1257(set\_usetex)

112 0.000 0.000 0.000 0.000 transforms.py:2257(get\_affine)

486/344 0.000 0.000 0.000 0.000 transforms.py:2434(\_get\_is\_affine)

4 0.000 0.000 0.000 0.000 backend\_agg.py:436(get\_renderer)

1578 0.000 0.000 0.000 0.000 {method 'startswith' of 'str' objects}

158 0.000 0.000 0.000 0.000 lines.py:1148(set\_markeredgewidth)

6 0.000 0.000 0.000 0.000 transforms.py:1513(transform\_path)

22 0.000 0.000 0.000 0.000 transforms.py:429(bounds)

158 0.000 0.000 0.000 0.000 lines.py:1391(set\_solid\_capstyle)

158 0.000 0.000 0.000 0.000 lines.py:1338(set\_dash\_joinstyle)

225 0.000 0.000 0.000 0.000 lines.py:1205(set\_ydata)

217 0.000 0.000 0.000 0.000 figure.py:54(\_stale\_figure\_callback)

4 0.000 0.000 0.000 0.000 transforms.py:2218(frozen)

158 0.000 0.000 0.000 0.000 lines.py:1184(set\_markersize)

158 0.000 0.000 0.000 0.000 lines.py:962(set\_antialiased)

1 0.000 0.000 0.000 0.000 session.py:598(serialize)

10/5 0.000 0.000 0.000 0.000 transforms.py:2395(frozen)

8 0.000 0.000 0.000 0.000 numeric.py:2522(within\_tol)

8 0.000 0.000 0.000 0.000 transforms.py:279(\_\_array\_\_)

32 0.000 0.000 0.000 0.000 lines.py:706(\_get\_transformed\_path)

150/148 0.000 0.000 0.000 0.000 transforms.py:2648(get\_matrix)

160 0.000 0.000 0.000 0.000 lines.py:619(axes)

27 0.000 0.000 0.000 0.000 \_base.py:910(\_set\_artist\_props)

20 0.000 0.000 0.000 0.000 transforms.py:2868(nonsingular)

158 0.000 0.000 0.000 0.000 lines.py:1351(set\_solid\_joinstyle)

133 0.000 0.000 0.000 0.000 text.py:997(set\_color)

158 0.000 0.000 0.000 0.000 lines.py:981(set\_drawstyle)

15/14 0.000 0.000 0.000 0.000 transforms.py:1769(\_\_eq\_\_)

164 0.000 0.000 0.000 0.000 lines.py:35(\_get\_dash\_pattern)

2 0.000 0.000 0.000 0.000 patches.py:676(\_\_init\_\_)

22 0.000 0.000 0.000 0.000 \_base.py:1767(\_add\_text)

54 0.000 0.000 0.000 0.000 ticker.py:776(pprint\_val)

42 0.000 0.000 0.000 0.000 axis.py:289(set\_label1)

42 0.000 0.000 0.000 0.000 axis.py:300(set\_label2)

289 0.000 0.000 0.000 0.000 {method 'match' of '\_sre.SRE\_Pattern' objects}

13 0.000 0.000 0.000 0.000 patches.py:327(set\_facecolor)

2 0.000 0.000 0.000 0.000 \_base.py:2775(set\_xbound)

3 0.000 0.000 0.000 0.000 \_base.py:3161(set\_ylim)

11 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.get\_path\_extents}

12 0.000 0.000 0.000 0.000 shape\_base.py:182(vstack)

30 0.000 0.000 0.000 0.000 lines.py:691(\_transform\_path)

49 0.000 0.000 0.000 0.000 transforms.py:2631(\_\_init\_\_)

27 0.000 0.000 0.000 0.000 axis.py:513(apply\_tickdir)

2 0.000 0.000 0.000 0.000 \_base.py:836(\_update\_transScale)

30 0.000 0.000 0.000 0.000 markers.py:280(get\_transform)

289 0.000 0.000 0.000 0.000 re.py:286(\_compile)

245 0.000 0.000 0.000 0.000 artist.py:315(get\_transform)

72 0.000 0.000 0.000 0.000 contextlib.py:157(helper)

25 0.000 0.000 0.000 0.000 axis.py:391(apply\_tickdir)

319 0.000 0.000 0.000 0.000 \_\_init\_\_.py:519(iterable)

216 0.000 0.000 0.000 0.000 {method 'clear' of 'matplotlib.ft2font.FT2Font' objects}

36 0.000 0.000 0.000 0.000 transforms.py:1881(inverted)

31 0.000 0.000 0.000 0.000 fromnumeric.py:1973(all)

379 0.000 0.000 0.000 0.000 {built-in method builtins.max}

11 0.000 0.000 0.000 0.000 formatters.py:365(lookup)

79 0.000 0.000 0.000 0.000 transforms.py:1757(\_\_array\_\_)

2 0.000 0.000 0.000 0.000 lines.py:608(get\_window\_extent)

1 0.000 0.000 0.000 0.000 jsonutil.py:51(encode\_images)

2 0.000 0.000 0.000 0.000 backend\_agg.py:86(\_\_init\_\_)

49 0.000 0.000 0.000 0.000 transforms.py:1034(\_\_init\_\_)

1000 0.000 0.000 0.000 0.000 font\_manager.py:778(get\_file)

6 0.000 0.000 0.000 0.000 ticker.py:673(\_compute\_offset)

1117 0.000 0.000 0.000 0.000 {method 'lower' of 'str' objects}

216 0.000 0.000 0.000 0.000 {method 'set\_size' of 'matplotlib.ft2font.FT2Font' objects}

12 0.000 0.000 0.000 0.000 \_base.py:2820(\_validate\_converted\_limits)

158 0.000 0.000 0.000 0.000 lines.py:1135(set\_markeredgecolor)

6 0.000 0.000 0.000 0.000 patches.py:436(set\_fill)

60 0.000 0.000 0.000 0.000 ticker.py:562(fix\_minus)

158 0.000 0.000 0.000 0.000 lines.py:972(set\_color)

86 0.000 0.000 0.000 0.000 {built-in method builtins.all}

2 0.000 0.000 0.000 0.000 \_base.py:3116(set\_ybound)

748 0.000 0.000 0.000 0.000 transforms.py:1935(get\_matrix)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:333(connect)

7 0.000 0.000 0.000 0.000 transforms.py:1861(transform\_point)

1 0.000 0.000 0.000 0.000 base64.py:531(encodebytes)

72 0.000 0.000 0.000 0.000 contextlib.py:85(\_\_exit\_\_)

131 0.000 0.000 0.000 0.000 font\_manager.py:811(set\_style)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1012(set\_alpha)

427 0.000 0.000 0.000 0.000 {built-in method \_\_new\_\_ of type object at 0x000000007348B3F0}

296 0.000 0.000 0.000 0.000 font\_manager.py:981(<listcomp>)

4 0.000 0.000 0.000 0.000 session.py:102(<lambda>)

52 0.000 0.000 0.000 0.000 artist.py:782(set\_alpha)

2 0.000 0.000 0.000 0.000 transforms.py:1713(set)

1042 0.000 0.000 0.000 0.000 {built-in method builtins.id}

1 0.000 0.000 0.000 0.000 \_subplots.py:109(update\_params)

12 0.000 0.000 0.000 0.000 shape\_base.py:237(<listcomp>)

6 0.000 0.000 0.000 0.000 transforms.py:1524(transform\_path\_affine)

116 0.000 0.000 0.000 0.000 artist.py:737(\_set\_gc\_clip)

147 0.000 0.000 0.000 0.000 {built-in method builtins.next}

4 0.000 0.000 0.000 0.000 jsonapi.py:31(dumps)

10 0.000 0.000 0.000 0.000 cycler.py:349(by\_key)

64 0.000 0.000 0.000 0.000 threading.py:1104(is\_alive)

70 0.000 0.000 0.000 0.000 transforms.py:2210(\_get\_is\_affine)

86 0.000 0.000 0.000 0.000 {method 'astype' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 gridspec.py:391(get\_position)

11 0.000 0.000 0.000 0.000 formatters.py:388(lookup\_by\_type)

133 0.000 0.000 0.000 0.000 text.py:299(set\_rotation\_mode)

16 0.000 0.000 0.000 0.000 ticker.py:506(\_\_init\_\_)

438 0.000 0.000 0.000 0.000 artist.py:210(axes)

684 0.000 0.000 0.000 0.000 transforms.py:986(get\_points)

288 0.000 0.000 0.000 0.000 {method 'count' of 'str' objects}

6 0.000 0.000 0.000 0.000 transforms.py:1791(transform\_path\_affine)

70 0.000 0.000 0.000 0.000 transforms.py:2225(transform\_non\_affine)

4 0.000 0.000 0.000 0.000 \_\_init\_\_.py:183(dumps)

2 0.000 0.000 0.000 0.000 \_base.py:2634(tick\_params)

839 0.000 0.000 0.000 0.000 {method 'pop' of 'dict' objects}

36 0.000 0.000 0.000 0.000 shape\_base.py:63(atleast\_2d)

30 0.000 0.000 0.000 0.000 transforms.py:2766(\_\_init\_\_)

131 0.000 0.000 0.000 0.000 font\_manager.py:823(set\_variant)

72 0.000 0.000 0.000 0.000 contextlib.py:59(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_base.py:920(\_gen\_axes\_patch)

12 0.000 0.000 0.000 0.000 axis.py:1518(set\_label\_text)

1 0.000 0.000 0.000 0.000 gridspec.py:81(get\_grid\_positions)

7 0.000 0.000 0.000 0.000 axis.py:1425(update\_units)

72 0.000 0.000 0.000 0.000 contextlib.py:79(\_\_enter\_\_)

82 0.000 0.000 0.000 0.000 stride\_tricks.py:247(<listcomp>)

1006 0.000 0.000 0.000 0.000 font\_manager.py:775(get\_size\_in\_points)

859 0.000 0.000 0.000 0.000 {method 'append' of 'list' objects}

109 0.000 0.000 0.000 0.000 font\_manager.py:1091(get\_default\_size)

4 0.000 0.000 0.000 0.000 axis.py:792(set\_tick\_params)

69 0.000 0.000 0.000 0.000 arrayprint.py:527(\_extendLine)

60 0.000 0.000 0.000 0.000 lines.py:888(\_get\_markerfacecolor)

1 0.000 0.000 0.000 0.000 <decorator-gen-10>:1(\_\_call\_\_)

12 0.000 0.000 0.000 0.000 transforms.py:2347(blended\_transform\_factory)

182 0.000 0.000 0.000 0.000 {method 'ravel' of 'numpy.ndarray' objects}

19 0.000 0.000 0.000 0.000 patches.py:292(\_set\_edgecolor)

4 0.000 0.000 0.000 0.000 encoder.py:182(encode)

784 0.000 0.000 0.000 0.000 font\_manager.py:724(get\_family)

2 0.000 0.000 0.000 0.000 transforms.py:1337(contains\_branch\_seperately)

1 0.000 0.000 0.000 0.000 formatters.py:680(\_\_call\_\_)

21 0.000 0.000 0.000 0.000 {method 'round' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 axis.py:1750(\_get\_label)

4 0.000 0.000 0.000 0.000 linalg.py:449(inv)

708 0.000 0.000 0.000 0.000 {method 'values' of 'dict' objects}

784 0.000 0.000 0.000 0.000 font\_manager.py:745(get\_variant)

212 0.000 0.000 0.000 0.000 {built-in method numpy.core.umath.seterrobj}

2 0.000 0.000 0.000 0.000 transforms.py:1317(contains\_branch)

62 0.000 0.000 0.000 0.000 transforms.py:402(width)

784 0.000 0.000 0.000 0.000 font\_manager.py:761(get\_stretch)

4 0.000 0.000 0.000 0.000 encoder.py:204(iterencode)

784 0.000 0.000 0.000 0.000 font\_manager.py:737(get\_style)

128 0.000 0.000 0.000 0.000 traitlets.py:545(\_\_get\_\_)

1 0.000 0.000 0.000 0.000 \_base.py:618(set\_figure)

784 0.000 0.000 0.000 0.000 font\_manager.py:752(get\_weight)

2 0.000 0.000 0.000 0.000 transforms.py:1984(clear)

22 0.000 0.000 0.000 0.000 text.py:619(set\_clip\_on)

16 0.000 0.000 0.000 0.000 function\_base.py:1848(diff)

103 0.000 0.000 0.000 0.000 <frozen importlib.\_bootstrap>:416(parent)

13 0.000 0.000 0.000 0.000 patches.py:307(set\_edgecolor)

10 0.000 0.000 0.000 0.000 transforms.py:2284(\_\_init\_\_)

32 0.000 0.000 0.000 0.000 transforms.py:2824(get\_affine)

52 0.000 0.000 0.000 0.000 axis.py:170(\_set\_labelrotation)

16 0.000 0.000 0.000 0.000 axis.py:1553(set\_major\_locator)

23 0.000 0.000 0.000 0.000 {method 'compress' of 'numpy.ndarray' objects}

24 0.000 0.000 0.000 0.000 fromnumeric.py:1380(ravel)

6/1 0.000 0.000 0.000 0.000 jsonutil.py:97(json\_clean)

106 0.000 0.000 0.000 0.000 numeric.py:3060(\_\_init\_\_)

246 0.000 0.000 0.000 0.000 stride\_tricks.py:251(<genexpr>)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1166(get\_hatch\_path)

1 0.000 0.000 0.000 0.000 axis.py:2081(\_get\_label)

2 0.000 0.000 0.000 0.000 \_base.py:214(\_xy\_from\_xy)

2 0.000 0.000 0.000 0.000 transforms.py:902(update\_from\_data\_xy)

7 0.000 0.000 0.000 0.000 transforms.py:275(frozen)

2/1 0.000 0.000 0.000 0.000 pretty.py:344(pretty)

6 0.000 0.000 0.000 0.000 fromnumeric.py:2133(ptp)

1 0.000 0.000 0.000 0.000 markers.py:808(\_set\_x)

230 0.000 0.000 0.000 0.000 transforms.py:1733(\_get\_is\_affine)

206 0.000 0.000 0.000 0.000 {method 'replace' of 'str' objects}

144 0.000 0.000 0.000 0.000 text.py:47(\_wrap\_text)

4 0.000 0.000 0.000 0.000 transforms.py:866(update\_from\_path)

1 0.000 0.000 0.000 0.000 backend\_bases.py:172(new\_figure\_manager\_given\_figure)

1 0.000 0.000 0.000 0.000 axis.py:1768(\_get\_offset\_text)

6 0.000 0.000 0.000 0.000 fromnumeric.py:1673(clip)

8/6 0.000 0.000 0.000 0.000 transforms.py:2418(\_\_eq\_\_)

1 0.000 0.000 0.000 0.000 axis.py:2101(\_get\_offset\_text)

12 0.000 0.000 0.000 0.000 axis.py:1494(set\_units)

4 0.000 0.000 0.000 0.000 backend\_bases.py:2331(mpl\_connect)

3 0.000 0.000 0.000 0.000 \_base.py:1960(\_process\_unit\_info)

3 0.000 0.000 0.000 0.000 \_base.py:854(set\_position)

8 0.000 0.000 0.000 0.000 fromnumeric.py:42(\_wrapit)

18 0.000 0.000 0.000 0.000 spines.py:151(get\_patch\_transform)

2 0.000 0.000 0.000 0.000 \_base.py:597(get\_window\_extent)

16 0.000 0.000 0.000 0.000 axis.py:1531(set\_major\_formatter)

130 0.000 0.000 0.000 0.000 {built-in method binascii.b2a\_base64}

64 0.000 0.000 0.000 0.000 threading.py:1062(\_wait\_for\_tstate\_lock)

424 0.000 0.000 0.000 0.000 {built-in method numpy.core.umath.geterrobj}

63 0.000 0.000 0.000 0.000 text.py:1171(set\_y)

8 0.000 0.000 0.000 0.000 axis.py:316(\_apply\_params)

95 0.000 0.000 0.000 0.000 transforms.py:2707(get\_matrix)

158 0.000 0.000 0.000 0.000 lines.py:537(set\_markevery)

55 0.000 0.000 0.000 0.000 text.py:1162(set\_x)

1 0.000 0.000 0.000 0.000 session.py:583(sign)

76 0.000 0.000 0.000 0.000 transforms.py:2740(get\_matrix)

6 0.000 0.000 0.000 0.000 {method 'ptp' of 'numpy.ndarray' objects}

16 0.000 0.000 0.000 0.000 axis.py:1564(set\_minor\_locator)

2 0.000 0.000 0.000 0.000 transforms.py:1657(\_\_eq\_\_)

4 0.000 0.000 0.000 0.000 \_base.py:2259(<listcomp>)

6 0.000 0.000 0.000 0.000 \_base.py:3871(get\_children)

34 0.000 0.000 0.000 0.000 markers.py:214(\_\_bool\_\_)

16 0.000 0.000 0.000 0.000 axis.py:1542(set\_minor\_formatter)

34 0.000 0.000 0.000 0.000 {built-in method builtins.min}

2 0.000 0.000 0.000 0.000 transforms.py:2314(\_\_eq\_\_)

30 0.000 0.000 0.000 0.000 lines.py:873(get\_markeredgecolor)

12 0.000 0.000 0.000 0.000 ticker.py:205(\_divmod)

8 0.000 0.000 0.000 0.000 spines.py:206(\_adjust\_location)

368 0.000 0.000 0.000 0.000 text.py:920(get\_text)

30 0.000 0.000 0.000 0.000 formatters.py:541(\_in\_deferred\_types)

6 0.000 0.000 0.000 0.000 ticker.py:1706(le)

348 0.000 0.000 0.000 0.000 artist.py:747(get\_rasterized)

216 0.000 0.000 0.000 0.000 text.py:1270(get\_usetex)

332 0.000 0.000 0.000 0.000 artist.py:692(get\_visible)

22 0.000 0.000 0.000 0.000 artist.py:722(set\_clip\_on)

2 0.000 0.000 0.000 0.000 transforms.py:549(anchored)

4 0.000 0.000 0.000 0.000 ticker.py:1976(view\_limits)

422 0.000 0.000 0.000 0.000 transforms.py:1800(get\_affine)

1 0.000 0.000 0.000 0.000 backend\_bases.py:1769(\_\_init\_\_)

348 0.000 0.000 0.000 0.000 artist.py:764(get\_agg\_filter)

8 0.000 0.000 0.000 0.000 {built-in method builtins.any}

60 0.000 0.000 0.000 0.000 axis.py:193(get\_tick\_padding)

128 0.000 0.000 0.000 0.000 traitlets.py:526(get)

1 0.000 0.000 0.000 0.000 pretty.py:487(\_default\_pprint)

2 0.000 0.000 0.000 0.000 transforms.py:2808(get\_transformed\_path\_and\_affine)

144 0.000 0.000 0.000 0.000 {method 'get\_width\_height' of 'matplotlib.ft2font.FT2Font' objects}

1 0.000 0.000 0.000 0.000 \_base.py:636(\_set\_lim\_and\_transforms)

23 0.000 0.000 0.000 0.000 arrayprint.py:256(\_get\_formatdict)

3 0.000 0.000 0.000 0.000 transforms.py:1004(set)

1 0.000 0.000 0.000 0.000 session.py:564(msg)

2 0.000 0.000 0.000 0.000 transforms.py:593(shrunk\_to\_aspect)

12 0.000 0.000 0.000 0.000 text.py:1153(set\_position)

3 0.000 0.000 0.000 0.000 axis.py:2200(\_update\_offset\_text\_position)

22 0.000 0.000 0.000 0.000 {method 'flatten' of 'numpy.ndarray' objects}

63 0.000 0.000 0.000 0.000 {built-in method nt.urandom}

10 0.000 0.000 0.000 0.000 transforms.py:2497(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 iostream.py:247(send\_multipart)

263 0.000 0.000 0.000 0.000 path.py:214(vertices)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2385(mpl\_disconnect)

12 0.000 0.000 0.000 0.000 {built-in method builtins.sorted}

20 0.000 0.000 0.000 0.000 \_\_init\_\_.py:160(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 iostream.py:194(send\_multipart)

47 0.000 0.000 0.000 0.000 text.py:578(\_update\_clip\_properties)

1 0.000 0.000 0.000 0.000 <decorator-gen-11>:1(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:364(disconnect)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2322(normalize\_kwargs)

6 0.000 0.000 0.000 0.000 ticker.py:1779(scale\_range)

133 0.000 0.000 0.000 0.000 text.py:637(set\_wrap)

8 0.000 0.000 0.000 0.000 spines.py:321(\_calc\_offset\_transform)

31 0.000 0.000 0.000 0.000 transforms.py:385(intervalx)

1 0.000 0.000 0.000 0.000 figure.py:1942(get\_default\_bbox\_extra\_artists)

56 0.000 0.000 0.000 0.000 iostream.py:284(\_is\_master\_process)

18 0.000 0.000 0.000 0.000 patches.py:230(get\_patch\_transform)

6 0.000 0.000 0.000 0.000 ticker.py:715(\_set\_orderOfMagnitude)

11 0.000 0.000 0.000 0.000 patches.py:370(set\_linewidth)

1 0.000 0.000 0.000 0.000 formatters.py:894(\_\_call\_\_)

365 0.000 0.000 0.000 0.000 artist.py:892(sticky\_edges)

2 0.000 0.000 0.000 0.000 axis.py:1108(<listcomp>)

1 0.000 0.000 0.000 0.000 gridspec.py:240(get\_subplot\_params)

1 0.000 0.000 0.000 0.000 session.py:561(msg\_header)

172 0.000 0.000 0.000 0.000 figure.py:426(\_get\_dpi)

31 0.000 0.000 0.000 0.000 transforms.py:393(intervaly)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1550(get\_siblings)

10 0.000 0.000 0.000 0.000 figure.py:421(\_get\_axes)

3 0.000 0.000 0.000 0.000 \_base.py:847(get\_position)

6 0.000 0.000 0.000 0.000 {method 'sum' of 'numpy.ndarray' objects}

72 0.000 0.000 0.000 0.000 {built-in method math.sin}

257 0.000 0.000 0.000 0.000 {built-in method builtins.callable}

9 0.000 0.000 0.000 0.000 \_base.py:2802(get\_xlim)

10 0.000 0.000 0.000 0.000 dir2.py:53(get\_real\_method)

6 0.000 0.000 0.000 0.000 ticker.py:1722(ge)

10 0.000 0.000 0.000 0.000 transforms.py:2541(get\_matrix)

2 0.000 0.000 0.000 0.000 figure.py:204(update)

2 0.000 0.000 0.000 0.000 transforms.py:1491(get\_matrix)

110 0.000 0.000 0.000 0.000 cycler.py:227(<genexpr>)

6 0.000 0.000 0.000 0.000 ticker.py:628(get\_offset)

72 0.000 0.000 0.000 0.000 {method 'split' of 'str' objects}

4 0.000 0.000 0.000 0.000 hmac.py:90(update)

6 0.000 0.000 0.000 0.000 patches.py:392(set\_linestyle)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1054(set\_clip\_path)

2 0.000 0.000 0.000 0.000 \_base.py:2465(grid)

9 0.000 0.000 0.000 0.000 \_base.py:3143(get\_ylim)

6 0.000 0.000 0.000 0.000 \_methods.py:31(\_sum)

20 0.000 0.000 0.000 0.000 getlimits.py:376(\_\_new\_\_)

2 0.000 0.000 0.000 0.000 fromnumeric.py:2053(cumsum)

6 0.000 0.000 0.000 0.000 transforms.py:289(x0)

5 0.000 0.000 0.000 0.000 {method 'update' of '\_hashlib.HASH' objects}

28 0.000 0.000 0.000 0.000 axis.py:908(\_set\_artist\_props)

2 0.000 0.000 0.000 0.000 backend\_bases.py:272(\_\_init\_\_)

72 0.000 0.000 0.000 0.000 {built-in method math.cos}

1 0.000 0.000 0.000 0.000 <decorator-gen-12>:1(\_\_call\_\_)

11 0.000 0.000 0.000 0.000 figure.py:78(as\_list)

1 0.000 0.000 0.000 0.000 \_base.py:50(\_process\_plot\_format)

12 0.000 0.000 0.000 0.000 axis.py:2313(get\_view\_interval)

12 0.000 0.000 0.000 0.000 axis.py:1977(get\_view\_interval)

4 0.000 0.000 0.000 0.000 {built-in method matplotlib.\_path.update\_path\_extents}

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1643(<genexpr>)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:182(add\_destroy\_callback)

2 0.000 0.000 0.000 0.000 \_base.py:1327(get\_data\_ratio)

7 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.arange}

22 0.000 0.000 0.000 0.000 text.py:1193(set\_verticalalignment)

1 0.000 0.000 0.000 0.000 figure.py:172(\_\_init\_\_)

5 0.000 0.000 0.000 0.000 artist.py:862(set\_label)

60 0.000 0.000 0.000 0.000 backend\_agg.py:280(points\_to\_pixels)

3 0.000 0.000 0.000 0.000 transforms.py:956(intervalx)

116 0.000 0.000 0.000 0.000 backend\_bases.py:929(get\_clip\_path)

72 0.000 0.000 0.000 0.000 image.py:130(<genexpr>)

131 0.000 0.000 0.000 0.000 font\_manager.py:890(set\_file)

116 0.000 0.000 0.000 0.000 backend\_bases.py:939(get\_dashes)

2 0.000 0.000 0.000 0.000 transforms.py:681(padded)

4 0.000 0.000 0.000 0.000 \_base.py:2263(<listcomp>)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1187(get\_hatch\_linewidth)

8 0.000 0.000 0.000 0.000 transforms.py:2129(transform)

2 0.000 0.000 0.000 0.000 figure.py:797(set\_facecolor)

4 0.000 0.000 0.000 0.000 transforms.py:2424(\_iter\_break\_from\_left\_to\_right)

144 0.000 0.000 0.000 0.000 {method 'rstrip' of 'str' objects}

1 0.000 0.000 0.000 0.000 formatters.py:940(\_\_call\_\_)

7 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2317(sanitize\_sequence)

3 0.000 0.000 0.000 0.000 transforms.py:961(intervaly)

2 0.000 0.000 0.000 0.000 textpath.py:35(\_\_init\_\_)

30 0.000 0.000 0.000 0.000 lines.py:521(get\_fillstyle)

216 0.000 0.000 0.000 0.000 {method 'get\_descent' of 'matplotlib.ft2font.FT2Font' objects}

144 0.000 0.000 0.000 0.000 {built-in method math.radians}

22 0.000 0.000 0.000 0.000 text.py:1015(set\_horizontalalignment)

8 0.000 0.000 0.000 0.000 axis.py:704(get\_transform)

72 0.000 0.000 0.000 0.000 backend\_agg.py:261(get\_canvas\_width\_height)

103 0.000 0.000 0.000 0.000 {method 'rpartition' of 'str' objects}

1 0.000 0.000 0.000 0.000 \_base.py:3923(get\_default\_bbox\_extra\_artists)

116 0.000 0.000 0.000 0.000 artist.py:586(get\_path\_effects)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1112(set\_linewidth)

4 0.000 0.000 0.000 0.000 axis.py:1115(get\_tick\_padding)

62 0.000 0.000 0.000 0.000 iostream.py:87(\_event\_pipe)

54 0.000 0.000 0.000 0.000 transforms.py:2920(interval\_contains)

10 0.000 0.000 0.000 0.000 patches.py:456(set\_capstyle)

14 0.000 0.000 0.000 0.000 core.py:629(filled)

4 0.000 0.000 0.000 0.000 axis.py:822(\_translate\_tick\_kw)

4 0.000 0.000 0.000 0.000 \_base.py:2266(<listcomp>)

1 0.000 0.000 0.000 0.000 function\_base.py:5100(append)

72 0.000 0.000 0.000 0.000 {method 'get\_bitmap\_offset' of 'matplotlib.ft2font.FT2Font' objects}

18 0.000 0.000 0.000 0.000 \_\_init\_\_.py:313(\_\_init\_\_)

48 0.000 0.000 0.000 0.000 {method 'update' of 'dict' objects}

10 0.000 0.000 0.000 0.000 weakref.py:354(\_\_init\_\_)

116 0.000 0.000 0.000 0.000 artist.py:482(get\_gid)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1160(get\_hatch)

4 0.000 0.000 0.000 0.000 axis.py:1383(grid)

4 0.000 0.000 0.000 0.000 \_base.py:2757(get\_xbound)

56 0.000 0.000 0.000 0.000 iostream.py:297(\_schedule\_flush)

14 0.000 0.000 0.000 0.000 artist.py:496(get\_snap)

102 0.000 0.000 0.000 0.000 {method 'extend' of 'list' objects}

6 0.000 0.000 0.000 0.000 weakref.py:438(items)

137 0.000 0.000 0.000 0.000 path.py:228(codes)

161 0.000 0.000 0.000 0.000 path.py:266(should\_simplify)

152 0.000 0.000 0.000 0.000 backend\_bases.py:283(close\_group)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:68(process\_projection\_requirements)

2 0.000 0.000 0.000 0.000 jsonutil.py:87(date\_default)

2 0.000 0.000 0.000 0.000 artist.py:243(get\_window\_extent)

116 0.000 0.000 0.000 0.000 backend\_bases.py:999(get\_snap)

12 0.000 0.000 0.000 0.000 figure.py:243(\_update\_this)

2 0.000 0.000 0.000 0.000 threading.py:498(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 copy.py:66(copy)

3 0.000 0.000 0.000 0.000 pretty.py:241(begin\_group)

152 0.000 0.000 0.000 0.000 backend\_bases.py:276(open\_group)

6 0.000 0.000 0.000 0.000 axis.py:719(limit\_range\_for\_scale)

72 0.000 0.000 0.000 0.000 text.py:809(get\_color)

84 0.000 0.000 0.000 0.000 backend\_bases.py:1129(set\_url)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1103(set\_joinstyle)

2 0.000 0.000 0.000 0.000 \_base.py:2240(<listcomp>)

8 0.000 0.000 0.000 0.000 scale.py:79(get\_transform)

24 0.000 0.000 0.000 0.000 {method 'item' of 'numpy.generic' objects}

81 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2266(<lambda>)

4 0.000 0.000 0.000 0.000 transforms.py:1692(frozen)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1175(get\_hatch\_color)

2 0.000 0.000 0.000 0.000 figure.py:789(set\_edgecolor)

6 0.000 0.000 0.000 0.000 fromnumeric.py:1487(nonzero)

64 0.000 0.000 0.000 0.000 ticker.py:246(set\_axis)

1 0.000 0.000 0.000 0.000 figure.py:118(add)

4 0.000 0.000 0.000 0.000 \_base.py:3105(get\_ybound)

105 0.000 0.000 0.000 0.000 {built-in method builtins.issubclass}

16 0.000 0.000 0.000 0.000 numeric.py:2135(isscalar)

8 0.000 0.000 0.000 0.000 transforms.py:1830(\_get\_is\_separable)

12 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1477(clean)

16 0.000 0.000 0.000 0.000 transforms.py:411(height)

4 0.000 0.000 0.000 0.000 figure.py:748(get\_size\_inches)

15 0.000 0.000 0.000 0.000 {method 'format' of 'str' objects}

72 0.000 0.000 0.000 0.000 text.py:313(get\_rotation\_mode)

4 0.000 0.000 0.000 0.000 linalg.py:139(\_commonType)

4 0.000 0.000 0.000 0.000 artist.py:793(set\_visible)

8 0.000 0.000 0.000 0.000 type\_check.py:221(isreal)

116 0.000 0.000 0.000 0.000 backend\_bases.py:1193(get\_sketch\_params)

1 0.000 0.000 0.000 0.000 session.py:236(msg\_header)

72 0.000 0.000 0.000 0.000 text.py:631(get\_wrap)

1 0.000 0.000 0.000 0.000 \_base.py:3924(<listcomp>)

2 0.000 0.000 0.000 0.000 transforms.py:1638(\_\_init\_\_)

69 0.000 0.000 0.000 0.000 markers.py:292(\_set\_nothing)

1 0.000 0.000 0.000 0.000 pretty.py:327(\_\_init\_\_)

72 0.000 0.000 0.000 0.000 path.py:273(should\_simplify)

4 0.000 0.000 0.000 0.000 \_base.py:1229(set\_aspect)

1 0.000 0.000 0.000 0.000 session.py:509(msg\_id)

8 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2011(\_check\_1d)

116 0.000 0.000 0.000 0.000 backend\_bases.py:899(restore)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1039(set\_capstyle)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2648(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:254(\_getdefaults)

16 0.000 0.000 0.000 0.000 function\_base.py:213(iterable)

78 0.000 0.000 0.000 0.000 markers.py:223(get\_fillstyle)

2 0.000 0.000 0.000 0.000 \_base.py:154(\_\_init\_\_)

72 0.000 0.000 0.000 0.000 artist.py:685(get\_alpha)

80 0.000 0.000 0.000 0.000 markers.py:248(get\_marker)

4 0.000 0.000 0.000 0.000 mathtext.py:3255(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_base.py:3973(<listcomp>)

1 0.000 0.000 0.000 0.000 colors.py:142(\_to\_rgba\_no\_colorcycle)

72 0.000 0.000 0.000 0.000 path.py:255(simplify\_threshold)

3 0.000 0.000 0.000 0.000 text.py:586(set\_clip\_box)

6 0.000 0.000 0.000 0.000 figure.py:731(<genexpr>)

6 0.000 0.000 0.000 0.000 {method 'clip' of 'numpy.ndarray' objects}

10 0.000 0.000 0.000 0.000 weakref.py:431(\_\_contains\_\_)

1 0.000 0.000 0.000 0.000 session.py:121(new\_id)

12 0.000 0.000 0.000 0.000 ticker.py:1685(closeto)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1836(draw\_event)

1 0.000 0.000 0.000 0.000 figure.py:1229(clf)

1 0.000 0.000 0.000 0.000 figure.py:1559(\_set\_artist\_props)

72 0.000 0.000 0.000 0.000 backend\_bases.py:775(flipy)

1 0.000 0.000 0.000 0.000 figure.py:846(\_make\_key)

1 0.000 0.000 0.000 0.000 figure.py:1613(sca)

1 0.000 0.000 0.000 0.000 transforms.py:788(null)

4 0.000 0.000 0.000 0.000 transforms.py:1696(\_set)

2 0.000 0.000 0.000 0.000 {method 'isoformat' of 'datetime.datetime' objects}

18 0.000 0.000 0.000 0.000 {built-in method math.log10}

12 0.000 0.000 0.000 0.000 cycler.py:225(\_\_iter\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:167(set\_prop\_cycle)

1 0.000 0.000 0.000 0.000 pretty.py:168(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 pretty.py:660(\_type\_pprint)

34 0.000 0.000 0.000 0.000 \_\_init\_\_.py:381(process)

8 0.000 0.000 0.000 0.000 transforms.py:2105(\_get\_is\_separable)

89 0.000 0.000 0.000 0.000 path.py:247(simplify\_threshold)

44 0.000 0.000 0.000 0.000 backend\_bases.py:1141(set\_snap)

1 0.000 0.000 0.000 0.000 session.py:169(utcnow)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2158(pts\_to\_prestep)

2 0.000 0.000 0.000 0.000 patches.py:790(set\_bounds)

1 0.000 0.000 0.000 0.000 figure.py:111(bubble)

3 0.000 0.000 0.000 0.000 pretty.py:276(end\_group)

48 0.000 0.000 0.000 0.000 backend\_bases.py:1048(set\_clip\_rectangle)

8 0.000 0.000 0.000 0.000 \_base.py:2944(get\_xscale)

10 0.000 0.000 0.000 0.000 weakref.py:406(\_\_setitem\_\_)

4 0.000 0.000 0.000 0.000 pretty.py:463(enq)

2 0.000 0.000 0.000 0.000 transforms.py:1650(\_init)

3 0.000 0.000 0.000 0.000 \_base.py:894(set\_axes\_locator)

23 0.000 0.000 0.000 0.000 {built-in method \_functools.reduce}

8/4 0.000 0.000 0.000 0.000 transforms.py:2430(depth)

4 0.000 0.000 0.000 0.000 scale.py:526(scale\_factory)

6 0.000 0.000 0.000 0.000 {method 'join' of 'str' objects}

2 0.000 0.000 0.000 0.000 threading.py:215(\_\_init\_\_)

64 0.000 0.000 0.000 0.000 threading.py:506(is\_set)

12 0.000 0.000 0.000 0.000 ticker.py:1694(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 lines.py:1262(\_get\_rgba\_ln\_color)

57 0.000 0.000 0.000 0.000 {built-in method nt.getpid}

6 0.000 0.000 0.000 0.000 patches.py:473(set\_joinstyle)

6 0.000 0.000 0.000 0.000 axis.py:1359(get\_minor\_ticks)

12 0.000 0.000 0.000 0.000 {built-in method math.floor}

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:624(\_string\_to\_bool)

9 0.000 0.000 0.000 0.000 transforms.py:298(y0)

8 0.000 0.000 0.000 0.000 {built-in method numpy.core.multiarray.result\_type}

4 0.000 0.000 0.000 0.000 linalg.py:209(\_assertNdSquareness)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1192(push)

35 0.000 0.000 0.000 0.000 artist.py:700(get\_clip\_on)

7 0.000 0.000 0.000 0.000 patches.py:277(set\_antialiased)

2 0.000 0.000 0.000 0.000 \_base.py:177(\_\_call\_\_)

14 0.000 0.000 0.000 0.000 pretty.py:293(\_get\_mro)

4 0.000 0.000 0.000 0.000 linalg.py:106(\_makearray)

16 0.000 0.000 0.000 0.000 ticker.py:530(set\_useOffset)

3 0.000 0.000 0.000 0.000 \_weakrefset.py:26(\_\_exit\_\_)

4 0.000 0.000 0.000 0.000 pretty.py:196(text)

1 0.000 0.000 0.000 0.000 hmac.py:95(copy)

4 0.000 0.000 0.000 0.000 \_base.py:273(<genexpr>)

46 0.000 0.000 0.000 0.000 {built-in method builtins.ord}

8 0.000 0.000 0.000 0.000 type\_check.py:148(imag)

2 0.000 0.000 0.000 0.000 transforms.py:420(size)

30 0.000 0.000 0.000 0.000 markers.py:245(get\_capstyle)

1 0.000 0.000 0.000 0.000 figure.py:510(get\_children)

2 0.000 0.000 0.000 0.000 \_base.py:2752(xaxis\_inverted)

8 0.000 0.000 0.000 0.000 \_base.py:3266(get\_yscale)

6 0.000 0.000 0.000 0.000 {method 'nonzero' of 'numpy.ndarray' objects}

23 0.000 0.000 0.000 0.000 {method 'discard' of 'set' objects}

5 0.000 0.000 0.000 0.000 {method 'encode' of 'str' objects}

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1217(bubble)

20 0.000 0.000 0.000 0.000 cycler.py:371(<genexpr>)

6 0.000 0.000 0.000 0.000 transforms.py:2463(transform\_path\_non\_affine)

3 0.000 0.000 0.000 0.000 artist.py:619(set\_clip\_box)

1 0.000 0.000 0.000 0.000 figure.py:865(fixlist)

2 0.000 0.000 0.000 0.000 \_base.py:3100(yaxis\_inverted)

2 0.000 0.000 0.000 0.000 {method 'cumsum' of 'numpy.ndarray' objects}

4 0.000 0.000 0.000 0.000 {built-in method \_thread.allocate\_lock}

1 0.000 0.000 0.000 0.000 copy.py:268(\_reconstruct)

10 0.000 0.000 0.000 0.000 inspect.py:73(isclass)

11 0.000 0.000 0.000 0.000 formatters.py:265(\_get\_type)

1 0.000 0.000 0.000 0.000 hmac.py:127(hexdigest)

30 0.000 0.000 0.000 0.000 markers.py:242(get\_joinstyle)

5 0.000 0.000 0.000 0.000 patches.py:699(get\_path)

1 0.000 0.000 0.000 0.000 gridspec.py:185(\_\_init\_\_)

6 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1141(\_\_init\_\_)

4 0.000 0.000 0.000 0.000 transforms.py:334(p1)

25 0.000 0.000 0.000 0.000 transforms.py:2125(get\_matrix)

2 0.000 0.000 0.000 0.000 transforms.py:2170(\_\_init\_\_)

30 0.000 0.000 0.000 0.000 markers.py:289(get\_snap\_threshold)

3 0.000 0.000 0.000 0.000 session.py:132(<genexpr>)

12 0.000 0.000 0.000 0.000 cycler.py:138(keys)

4 0.000 0.000 0.000 0.000 transforms.py:1290(\_iter\_break\_from\_left\_to\_right)

1 0.000 0.000 0.000 0.000 gridspec.py:129(\_\_getitem\_\_)

2 0.000 0.000 0.000 0.000 backend\_agg.py:122(\_update\_methods)

13 0.000 0.000 0.000 0.000 {built-in method builtins.divmod}

3 0.000 0.000 0.000 0.000 configurable.py:381(instance)

3 0.000 0.000 0.000 0.000 pretty.py:385(\_in\_deferred\_types)

27 0.000 0.000 0.000 0.000 artist.py:1001(mouseover)

30 0.000 0.000 0.000 0.000 lines.py:592(get\_markevery)

32 0.000 0.000 0.000 0.000 {built-in method builtins.setattr}

4 0.000 0.000 0.000 0.000 py3compat.py:188(iteritems)

1 0.000 0.000 0.000 0.000 py3compat.py:19(encode)

6 0.000 0.000 0.000 0.000 ticker.py:1463(raise\_if\_exceeds)

6 0.000 0.000 0.000 0.000 ticker.py:1597(\_\_call\_\_)

30 0.000 0.000 0.000 0.000 markers.py:283(get\_alt\_path)

6 0.000 0.000 0.000 0.000 text.py:837(get\_size)

16 0.000 0.000 0.000 0.000 axis.py:707(get\_scale)

3 0.000 0.000 0.000 0.000 axis.py:2002(get\_minpos)

1 0.000 0.000 0.000 0.000 zmqshell.py:87(\_hooks)

30 0.000 0.000 0.000 0.000 markers.py:277(get\_path)

11 0.000 0.000 0.000 0.000 pretty.py:100(\_safe\_getattr)

3 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2430(get\_label)

6 0.000 0.000 0.000 0.000 patches.py:490(set\_hatch)

12 0.000 0.000 0.000 0.000 text.py:896(get\_position)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1437(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:2241(<listcomp>)

3 0.000 0.000 0.000 0.000 axis.py:2339(get\_minpos)

23 0.000 0.000 0.000 0.000 {built-in method \_thread.get\_ident}

1 0.000 0.000 0.000 0.000 {method 'join' of 'bytes' objects}

4 0.000 0.000 0.000 0.000 encoder.py:104(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 transforms.py:2694(\_\_init\_\_)

14 0.000 0.000 0.000 0.000 backend\_bases.py:1066(set\_dashes)

2 0.000 0.000 0.000 0.000 figure.py:86(get)

18 0.000 0.000 0.000 0.000 spines.py:158(get\_path)

1 0.000 0.000 0.000 0.000 {method '\_\_reduce\_ex\_\_' of 'object' objects}

4 0.000 0.000 0.000 0.000 {built-in method builtins.sum}

1 0.000 0.000 0.000 0.000 {method 'replace' of 'datetime.datetime' objects}

1 0.000 0.000 0.000 0.000 base64.py:515(\_input\_type\_check)

1 0.000 0.000 0.000 0.000 hmac.py:108(\_current)

8 0.000 0.000 0.000 0.000 linalg.py:111(isComplexType)

1 0.000 0.000 0.000 0.000 figure.py:74(\_\_init\_\_)

11 0.000 0.000 0.000 0.000 figure.py:82(<listcomp>)

1 0.000 0.000 0.000 0.000 figure.py:447(set\_tight\_layout)

20 0.000 0.000 0.000 0.000 {method 'setdefault' of 'dict' objects}

26 0.000 0.000 0.000 0.000 {method 'add' of 'set' objects}

1 0.000 0.000 0.000 0.000 pretty.py:458(\_\_init\_\_)

11 0.000 0.000 0.000 0.000 formatters.py:350(\_check\_return)

10 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1557(<listcomp>)

1 0.000 0.000 0.000 0.000 pyplot.py:595(get\_fignums)

3 0.000 0.000 0.000 0.000 {method 'decode' of 'bytes' objects}

4 0.000 0.000 0.000 0.000 linalg.py:101(get\_linalg\_error\_extobj)

16 0.000 0.000 0.000 0.000 ticker.py:554(set\_useMathText)

27 0.000 0.000 0.000 0.000 artist.py:296(is\_transform\_set)

2 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:105(get\_all\_fig\_managers)

1 0.000 0.000 0.000 0.000 figure.py:164(\_\_contains\_\_)

2 0.000 0.000 0.000 0.000 \_base.py:2242(<listcomp>)

8 0.000 0.000 0.000 0.000 axis.py:318(<listcomp>)

6 0.000 0.000 0.000 0.000 {method 'remove' of 'list' objects}

1 0.000 0.000 0.000 0.000 weakref.py:356(remove)

4 0.000 0.000 0.000 0.000 pretty.py:450(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 pretty.py:668(<listcomp>)

12 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1482(<listcomp>)

14 0.000 0.000 0.000 0.000 artist.py:530(get\_sketch\_params)

1 0.000 0.000 0.000 0.000 gridspec.py:38(\_\_init\_\_)

14 0.000 0.000 0.000 0.000 backend\_bases.py:1028(set\_antialiased)

11 0.000 0.000 0.000 0.000 figure.py:84(<listcomp>)

2 0.000 0.000 0.000 0.000 figure.py:161(\_\_call\_\_)

1 0.000 0.000 0.000 0.000 \_base.py:481(<listcomp>)

11 0.000 0.000 0.000 0.000 {method 'sort' of 'list' objects}

3 0.000 0.000 0.000 0.000 \_weakrefset.py:20(\_\_enter\_\_)

2 0.000 0.000 0.000 0.000 threading.py:239(\_\_enter\_\_)

2 0.000 0.000 0.000 0.000 threading.py:242(\_\_exit\_\_)

2 0.000 0.000 0.000 0.000 threading.py:251(\_acquire\_restore)

1 0.000 0.000 0.000 0.000 pretty.py:285(flush)

3 0.000 0.000 0.000 0.000 pretty.py:480(remove)

1 0.000 0.000 0.000 0.000 session.py:732(<listcomp>)

4 0.000 0.000 0.000 0.000 linalg.py:124(\_realType)

15 0.000 0.000 0.000 0.000 artist.py:708(get\_clip\_path)

1 0.000 0.000 0.000 0.000 gridspec.py:252(<dictcomp>)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:52(get\_projection\_class)

1 0.000 0.000 0.000 0.000 session.py:242(extract\_header)

4 0.000 0.000 0.000 0.000 linalg.py:198(\_assertRankAtLeast2)

20 0.000 0.000 0.000 0.000 \_\_init\_\_.py:248(\_\_hash\_\_)

4 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1474(\_\_contains\_\_)

6 0.000 0.000 0.000 0.000 ticker.py:297(set\_locs)

1 0.000 0.000 0.000 0.000 patches.py:288(set\_aa)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:129(set\_active)

2 0.000 0.000 0.000 0.000 figure.py:769(get\_facecolor)

2 0.000 0.000 0.000 0.000 figure.py:1280(<lambda>)

1 0.000 0.000 0.000 0.000 figure.py:1968(<listcomp>)

3 0.000 0.000 0.000 0.000 {method 'copy' of '\_hashlib.HASH' objects}

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1162(\_\_init\_\_)

13 0.000 0.000 0.000 0.000 artist.py:704(get\_clip\_box)

2 0.000 0.000 0.000 0.000 figure.py:765(get\_edgecolor)

4 0.000 0.000 0.000 0.000 axis.py:1320(get\_major\_locator)

12 0.000 0.000 0.000 0.000 axis.py:1447(\_update\_axisinfo)

1 0.000 0.000 0.000 0.000 scale.py:522(get\_scale\_names)

4 0.000 0.000 0.000 0.000 {method 'copy' of 'dict' objects}

1 0.000 0.000 0.000 0.000 displaypub.py:38(\_validate\_data)

2 0.000 0.000 0.000 0.000 transforms.py:307(x1)

5 0.000 0.000 0.000 0.000 transforms.py:978(minposx)

5 0.000 0.000 0.000 0.000 transforms.py:982(minposy)

5 0.000 0.000 0.000 0.000 path.py:632(unit\_rectangle)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:38(get\_fig\_manager)

4 0.000 0.000 0.000 0.000 figure.py:1276(<genexpr>)

4 0.000 0.000 0.000 0.000 \_base.py:904(get\_axes\_locator)

8 0.000 0.000 0.000 0.000 axis.py:354(<listcomp>)

6 0.000 0.000 0.000 0.000 {method 'values' of 'collections.OrderedDict' objects}

3 0.000 0.000 0.000 0.000 weakref.py:371(\_commit\_removals)

2 0.000 0.000 0.000 0.000 threading.py:248(\_release\_save)

2 0.000 0.000 0.000 0.000 threading.py:254(\_is\_owned)

1 0.000 0.000 0.000 0.000 formatters.py:931(\_check\_return)

1 0.000 0.000 0.000 0.000 gridspec.py:122(<listcomp>)

1 0.000 0.000 0.000 0.000 gridspec.py:362(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_pylab\_helpers.py:119(get\_active)

1 0.000 0.000 0.000 0.000 figure.py:103(\_entry\_from\_axes)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2085(\_get\_output\_canvas)

1 0.000 0.000 0.000 0.000 figure.py:849(fixitems)

1 0.000 0.000 0.000 0.000 figure.py:1943(<listcomp>)

1 0.000 0.000 0.000 0.000 \_base.py:1301(set\_anchor)

8 0.000 0.000 0.000 0.000 axis.py:341(<dictcomp>)

1 0.000 0.000 0.000 0.000 {built-in method builtins.locals}

2 0.000 0.000 0.000 0.000 {built-in method binascii.b2a\_hex}

1 0.000 0.000 0.000 0.000 {built-in method utcnow}

3 0.000 0.000 0.000 0.000 \_weakrefset.py:16(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1314(get\_backend)

3 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1212(clear)

2 0.000 0.000 0.000 0.000 transforms.py:316(y1)

12 0.000 0.000 0.000 0.000 transforms.py:1303(depth)

2 0.000 0.000 0.000 0.000 lines.py:1417(is\_dashed)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1410(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 figure.py:148(current\_key\_axes)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:25(get\_projection\_class)

6 0.000 0.000 0.000 0.000 \_base.py:366(<genexpr>)

1 0.000 0.000 0.000 0.000 \_base.py:2726(set\_axis\_on)

6 0.000 0.000 0.000 0.000 axis.py:926(<listcomp>)

3 0.000 0.000 0.000 0.000 axis.py:1481(have\_units)

4 0.000 0.000 0.000 0.000 backend\_agg.py:299(option\_image\_nocomposite)

1 0.000 0.000 0.000 0.000 {method 'digest' of '\_hashlib.HASH' objects}

5 0.000 0.000 0.000 0.000 {method 'pop' of 'list' objects}

3 0.000 0.000 0.000 0.000 {method 'find' of 'str' objects}

1 0.000 0.000 0.000 0.000 copyreg.py:87(\_\_newobj\_\_)

2 0.000 0.000 0.000 0.000 jsonutil.py:34(\_ensure\_tzinfo)

1 0.000 0.000 0.000 0.000 \_\_init\_\_.py:1328(is\_interactive)

6 0.000 0.000 0.000 0.000 ticker.py:1600(tick\_values)

2 0.000 0.000 0.000 0.000 lines.py:954(get\_xydata)

2 0.000 0.000 0.000 0.000 backend\_bases.py:1792(is\_saving)

1 0.000 0.000 0.000 0.000 figure.py:381(\_repr\_html\_)

1 0.000 0.000 0.000 0.000 \_subplots.py:165(subplot\_class\_factory)

4 0.000 0.000 0.000 0.000 \_base.py:1226(get\_aspect)

4 0.000 0.000 0.000 0.000 \_base.py:2257(<listcomp>)

8 0.000 0.000 0.000 0.000 axis.py:321(<listcomp>)

1 0.000 0.000 0.000 0.000 {method 'tolist' of 'numpy.ndarray' objects}

2 0.000 0.000 0.000 0.000 {method 'acquire' of '\_thread.RLock' objects}

2 0.000 0.000 0.000 0.000 {method 'release' of '\_thread.RLock' objects}

1 0.000 0.000 0.000 0.000 {method 'getvalue' of '\_io.BytesIO' objects}

4 0.000 0.000 0.000 0.000 {method 'write' of '\_io.StringIO' objects}

1 0.000 0.000 0.000 0.000 {method 'startswith' of 'bytes' objects}

4 0.000 0.000 0.000 0.000 transforms.py:2149(get\_affine)

2 0.000 0.000 0.000 0.000 artist.py:856(get\_label)

2 0.000 0.000 0.000 0.000 artist.py:875(get\_zorder)

1 0.000 0.000 0.000 0.000 gridspec.py:124(<listcomp>)

2 0.000 0.000 0.000 0.000 figure.py:593(set\_canvas)

2 0.000 0.000 0.000 0.000 \_base.py:284(\_setdefaults)

2 0.000 0.000 0.000 0.000 \_base.py:1298(get\_anchor)

1 0.000 0.000 0.000 0.000 \_base.py:3512(set\_navigate)

10 0.000 0.000 0.000 0.000 scale.py:48(limit\_range\_for\_scale)

4 0.000 0.000 0.000 0.000 {method '\_\_array\_prepare\_\_' of 'numpy.ndarray' objects}

1 0.000 0.000 0.000 0.000 {method 'hexdigest' of '\_hashlib.HASH' objects}

2 0.000 0.000 0.000 0.000 {method 'release' of '\_thread.lock' objects}

2 0.000 0.000 0.000 0.000 {method '\_\_enter\_\_' of '\_thread.lock' objects}

1 0.000 0.000 0.000 0.000 {method 'getvalue' of '\_io.StringIO' objects}

4 0.000 0.000 0.000 0.000 {built-in method builtins.repr}

2 0.000 0.000 0.000 0.000 {built-in method builtins.vars}

1 0.000 0.000 0.000 0.000 tz.py:36(utcoffset)

4 0.000 0.000 0.000 0.000 gridspec.py:48(get\_geometry)

1 0.000 0.000 0.000 0.000 gridspec.py:72(set\_height\_ratios)

1 0.000 0.000 0.000 0.000 gridspec.py:123(<listcomp>)

1 0.000 0.000 0.000 0.000 gridspec.py:125(<listcomp>)

1 0.000 0.000 0.000 0.000 figure.py:104(<dictcomp>)

1 0.000 0.000 0.000 0.000 backend\_bases.py:2678(destroy)

2 0.000 0.000 0.000 0.000 backend\_bases.py:2684(resize)

1 0.000 0.000 0.000 0.000 widgets.py:38(\_\_init\_\_)

2 0.000 0.000 0.000 0.000 figure.py:441(get\_tight\_layout)

2 0.000 0.000 0.000 0.000 \_base.py:2049(use\_sticky\_edges)

1 0.000 0.000 0.000 0.000 \_base.py:3526(set\_navigate\_mode)

2 0.000 0.000 0.000 0.000 axis.py:729(unit\_data)

2 0.000 0.000 0.000 0.000 {method 'append' of 'collections.deque' objects}

1 0.000 0.000 0.000 0.000 {method 'clear' of 'collections.deque' objects}

2 0.000 0.000 0.000 0.000 {method '\_\_exit\_\_' of '\_thread.lock' objects}

1 0.000 0.000 0.000 0.000 {method 'clear' of 'dict' objects}

1 0.000 0.000 0.000 0.000 {method 'disable' of '\_lsprof.Profiler' objects}

1 0.000 0.000 0.000 0.000 formatters.py:815(\_check\_return)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2407(<listcomp>)

2 0.000 0.000 0.000 0.000 \_\_init\_\_.py:2412(<listcomp>)

2 0.000 0.000 0.000 0.000 patches.py:248(get\_edgecolor)

2 0.000 0.000 0.000 0.000 patches.py:255(get\_facecolor)

2 0.000 0.000 0.000 0.000 artist.py:589(get\_figure)

1 0.000 0.000 0.000 0.000 gridspec.py:63(set\_width\_ratios)

1 0.000 0.000 0.000 0.000 gridspec.py:378(get\_gridspec)

1 0.000 0.000 0.000 0.000 tight\_bbox.py:36(\_l)

1 0.000 0.000 0.000 0.000 \_subplots.py:101(get\_subplotspec)

1 0.000 0.000 0.000 0.000 \_base.py:103(<listcomp>)

4 0.000 0.000 0.000 0.000 scale.py:66(\_\_init\_\_)

1 0.000 0.000 0.000 0.000 {method 'items' of 'collections.OrderedDict' objects}

3 0.000 0.000 0.000 0.000 {method 'remove' of 'set' objects}

end Sun Apr 22 22:01:34 2018