box counting analyze

```
# -*- coding:utf-8 -*-
#
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# 2016-11-17
```

Modules

<u>matplotlib.cm</u> <u>glob</u> <u>numpy</u> <u>matplotlib.pyplot</u>

Functions

plot_Ds()

plot_Ds_3d()

Data

```
 \begin{array}{l} \textbf{fpath} = \ ['./results/data/box\_counting/2016-12-01/beta=0.00\_161201\_202523.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161201\_225415.npz', './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_034038.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_034038.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_082601.npz', './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_150120.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_150120.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_150120.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_150120.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_222726.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_222726.npz', \\ './results/data/box\_counting/2016-12-01/beta=0.00\_161202\_031440.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_031440.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_031440.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_092030.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_150530.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_173414.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_200312.npz', './results/data/box\_counting/2016-12-01/beta=2.00\_161201\_202354.npz', './results/data/box\_counting/2016-12-01/beta=10.00\_161202\_222834.npz', './results/data/box\_counting/2016-12-01/beta=2.00\_161201\_202354.npz', './results/data/box\_counting/2016-12-01/beta=2.00\_161201\_202354.npz', './results/data/box\_counting/2016-12-01/beta=2.00\_161201\_202354.npz', './results/data/box\_counting/2016-
```