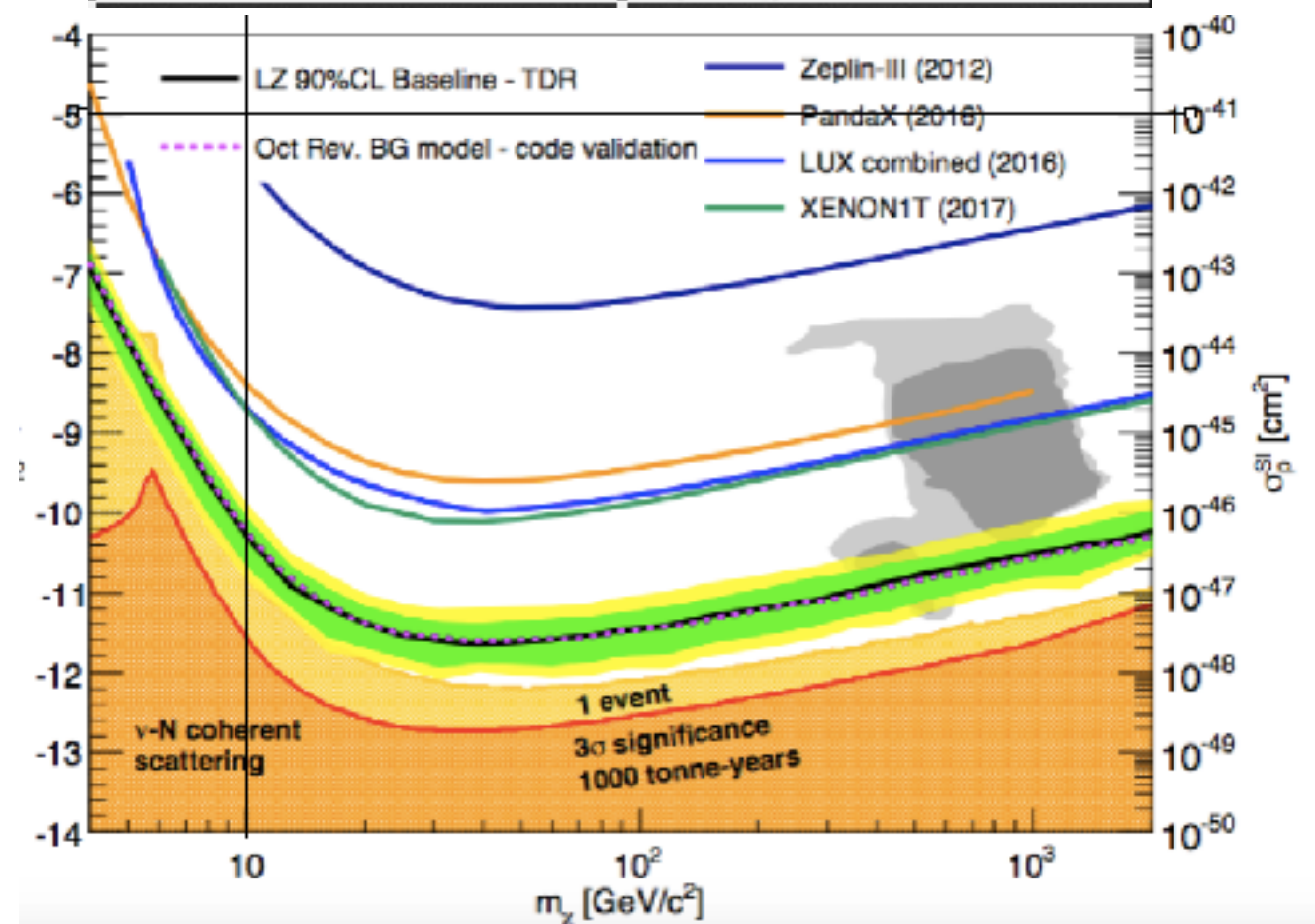
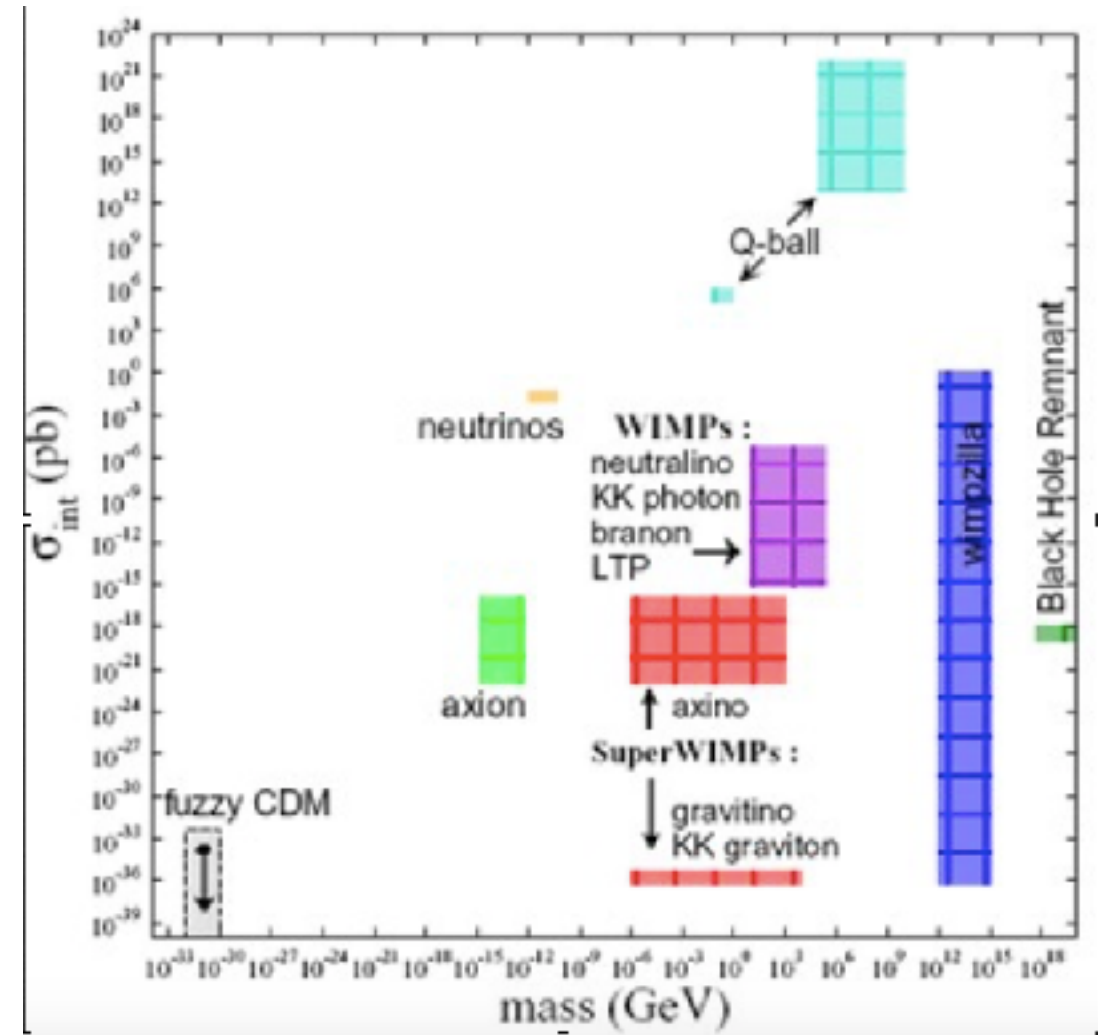


Percent of word usage “WIMP”

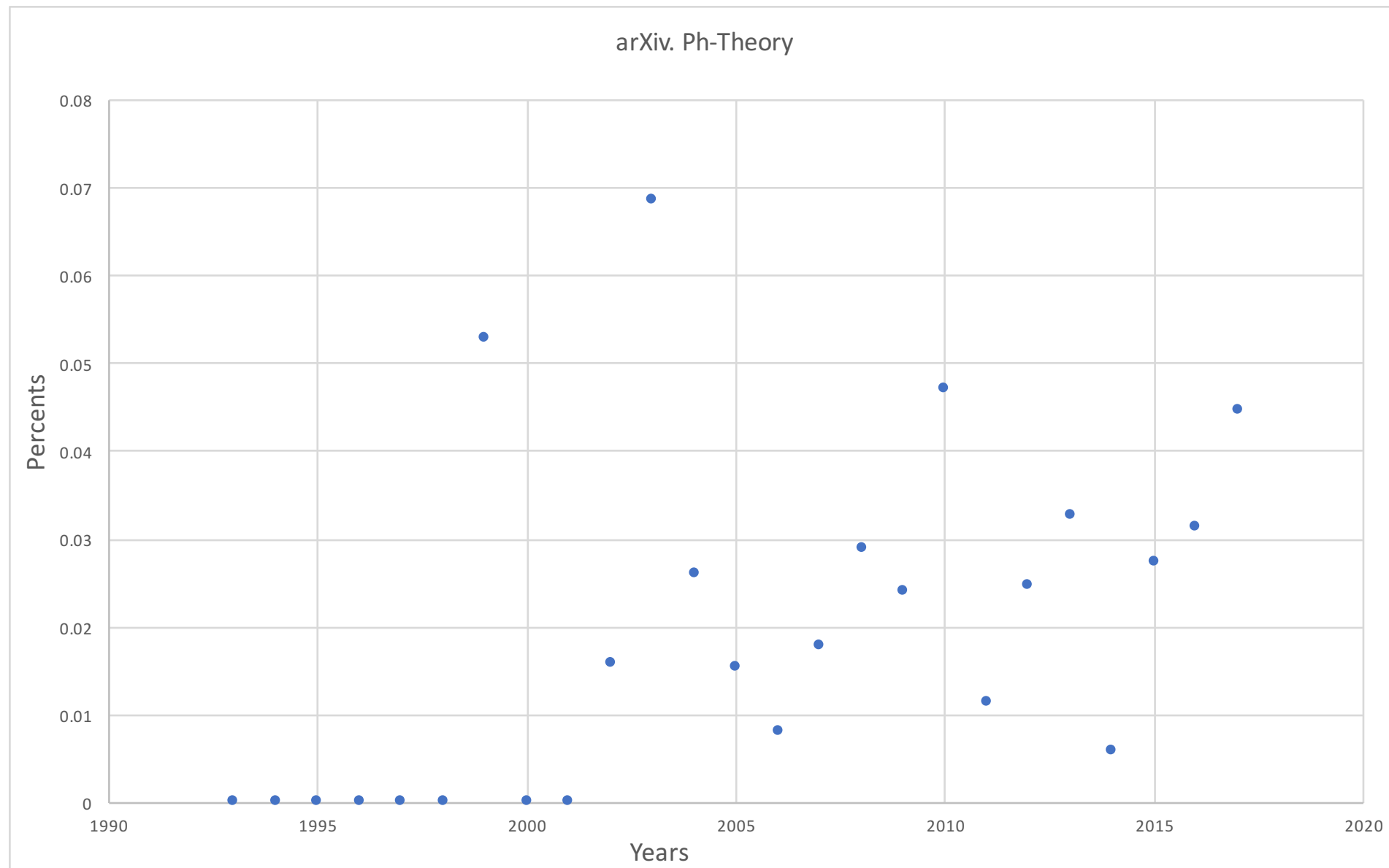
Yitong Liu
03/06/2018

Probability

(Area between the
 orange and the red line)/
 (Area of WIMP)=0.145
 (Area between the
 orange and the red line)/
 (All colored space)=0.020



- The word usage of WIMP in theory papers.
- arXiv: Percents: number of counts “Dark matter theory WIMP”/“Dark matter theory” in theory, phenomenology and astrophysics from year 1993~2017
- For Inspirehep, the percent is 0.059

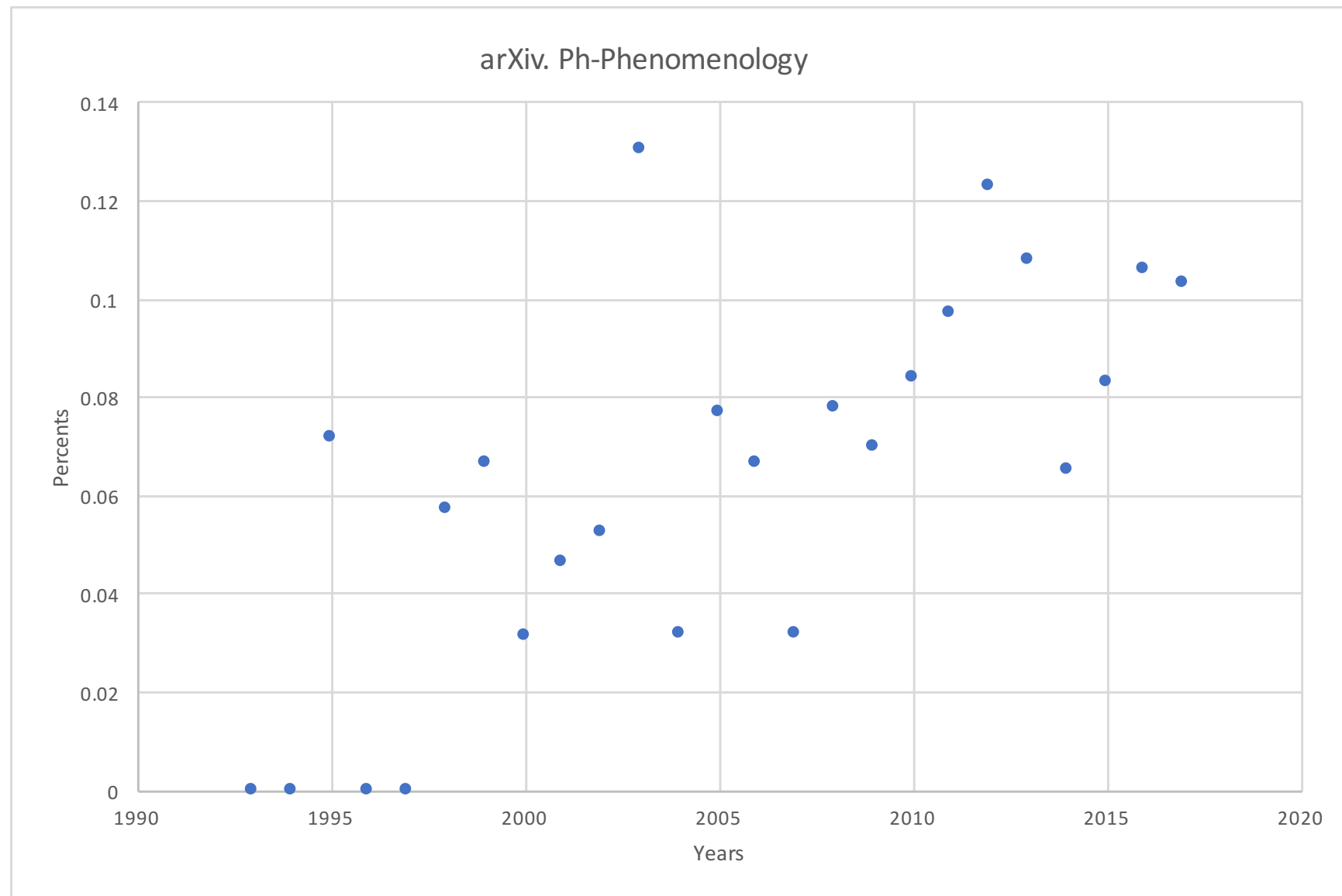


Theory

Highest: 2003, 0.068

Average: 0.019

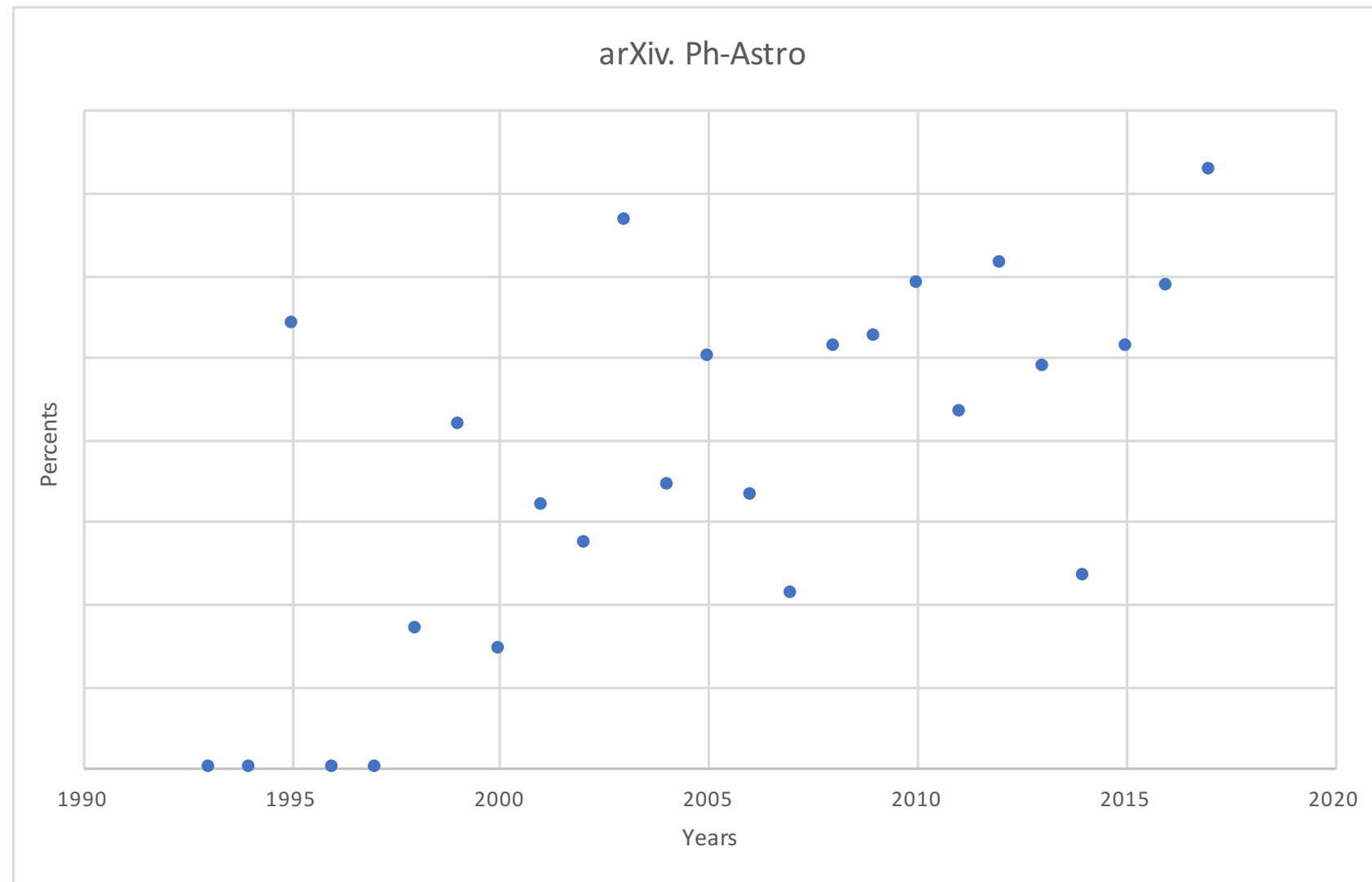
4



Phenomenology

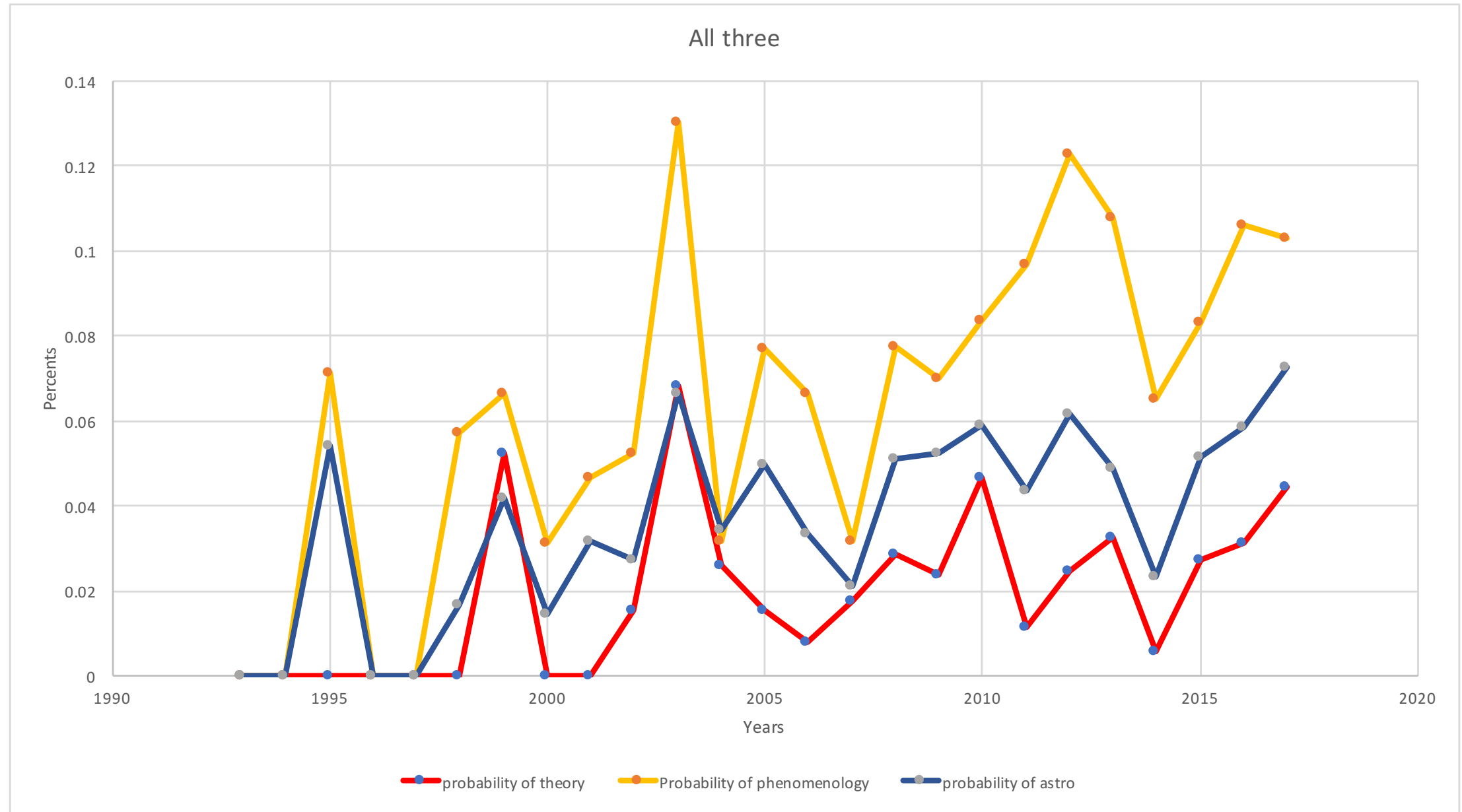
Highest: 2003, 0.130

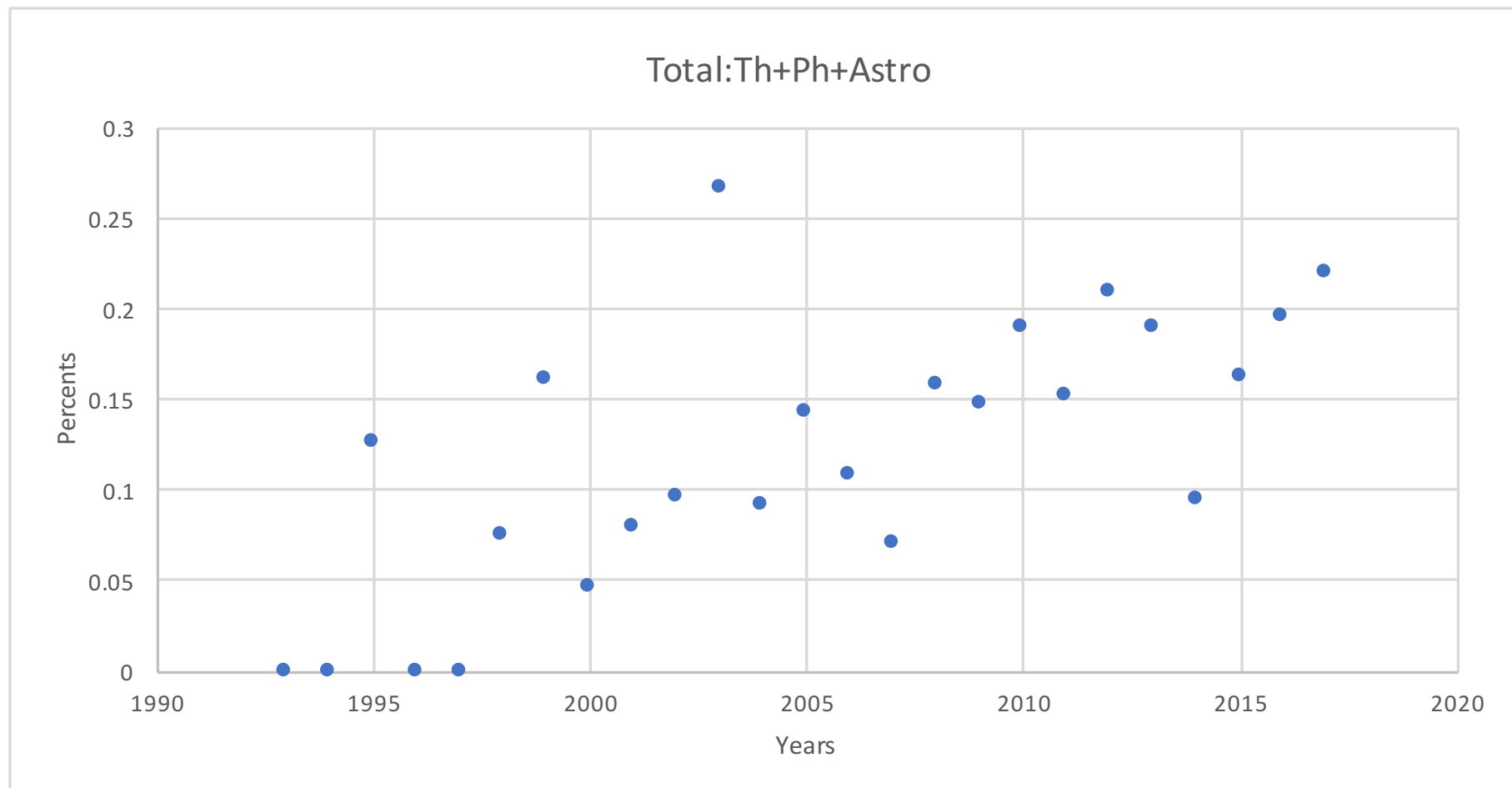
Average: 0.063



Astro-physics

Highest: 2017,0.073
Average:0.037





Total

Highest: 0.266

Average: 0.119