

Spend Planning: How are We Doing?

April Zhong

Where does the data come from ?

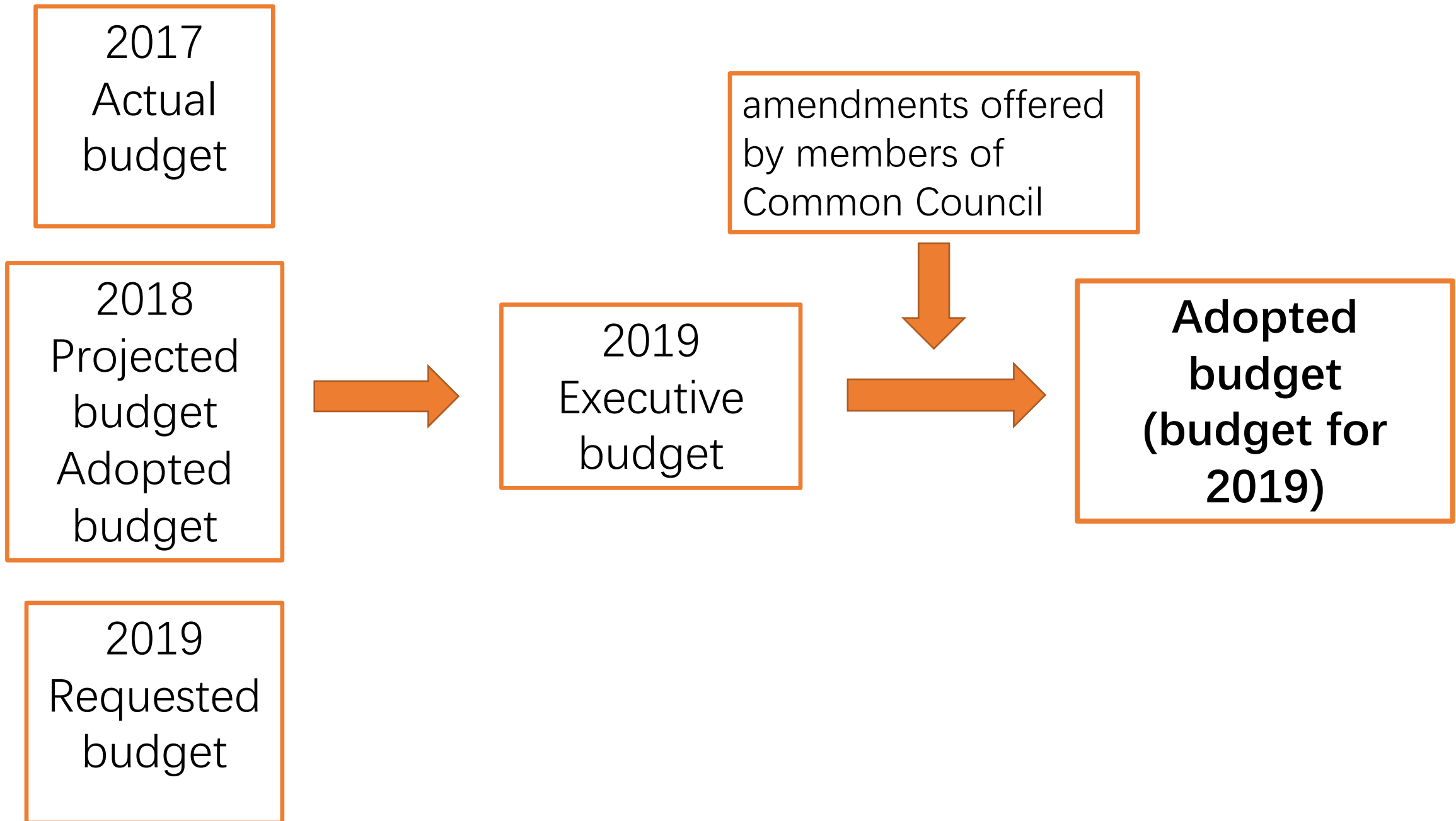
- A source to get more data:
- <https://www.cityofmadison.com/finance/budget/>

<u>Major Service</u>	<u>2011 Actual</u>	<u>2012 Adopted</u>	<u>2012 Projected</u>	<u>2013 Request</u>	<u>2013 Executive</u>	<u>2013 Adopted</u>
Accounting	\$ 1,705,624	\$ 1,676,775	\$ 1,675,345	\$ 1,612,985	\$ 1,912,985	\$ 1,951,297
Budget and Audit	719,698	651,808	651,808	730,217	730,217	746,126
Risk Management	47,600	38,417	38,597	15,425	15,425	21,119
Administrative Support	<u>464,474</u>	<u>445,037</u>	<u>446,287</u>	<u>390,113</u>	<u>447,386</u>	<u>457,720</u>
Agency Total	<u>\$ 2,937,396</u>	<u>\$ 2,812,037</u>	<u>\$ 2,812,037</u>	<u>\$ 2,748,740</u>	<u>\$ 3,106,013</u>	<u>\$ 3,176,262</u>

Where does the data come from ?

Five categories:

- Actual budget: the actual expenditures from the prior year
- Executive budget: Mayor's plan for expenditures and funding sources
- Adopted budget: Funding for the continuation of existing services
- Projected budget: projected expenditures for the current year
- Requested budget: the agency request for the upcoming year



2017
Actual
budget

amendments offered
by members of
Common Council

2018
Projected
budget
Adopted
budget

2019
Executive
budget

**Adopted
budget
(budget for
2019)**

2019
Requested
budget

How to read a PDF ?

The mission of the City Finance Department is to enhance the financial health of the City and provide stewardship of City resources through financial information, advice and support to the public, employees, City agencies and policymakers.

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Python code

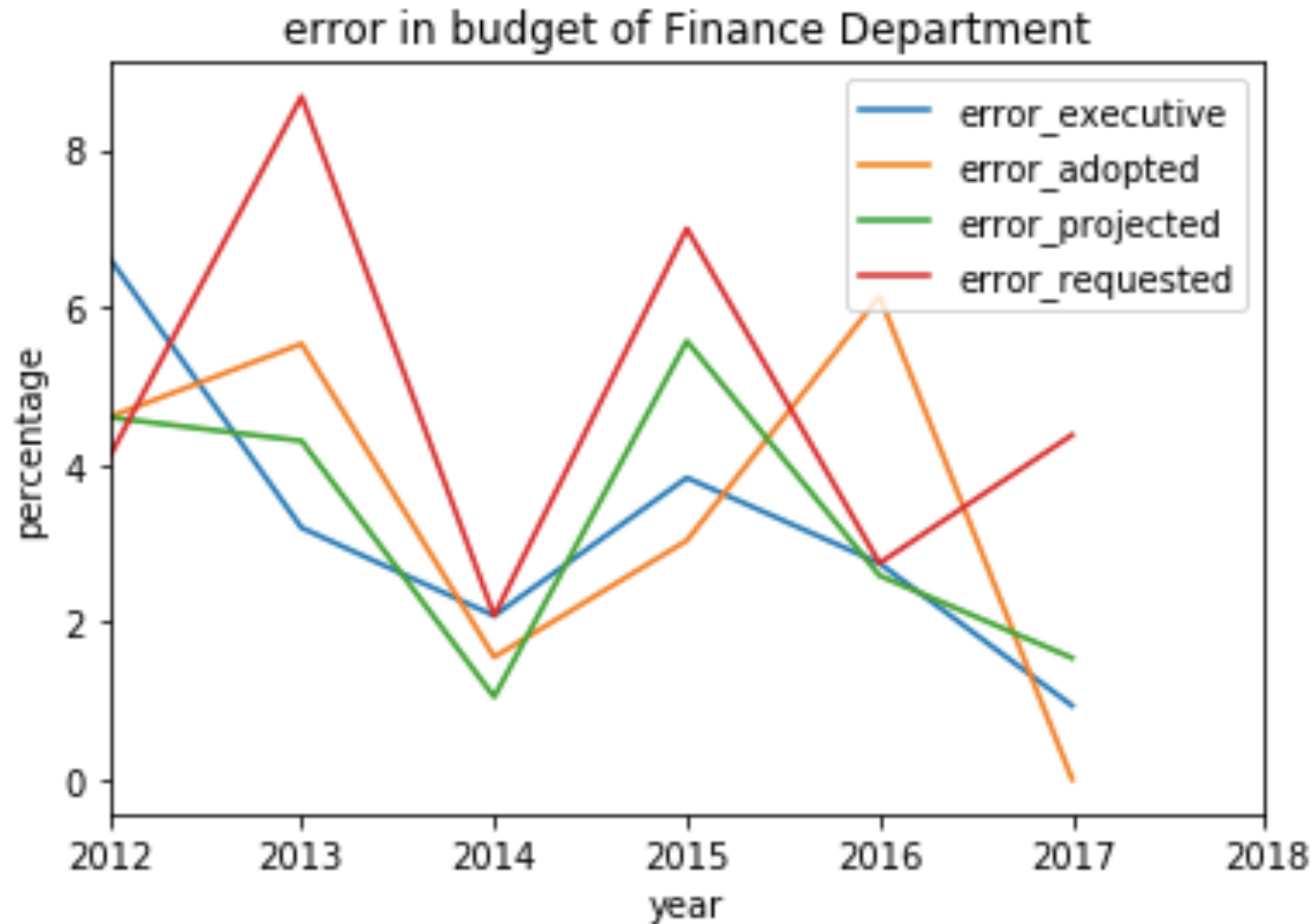


modules

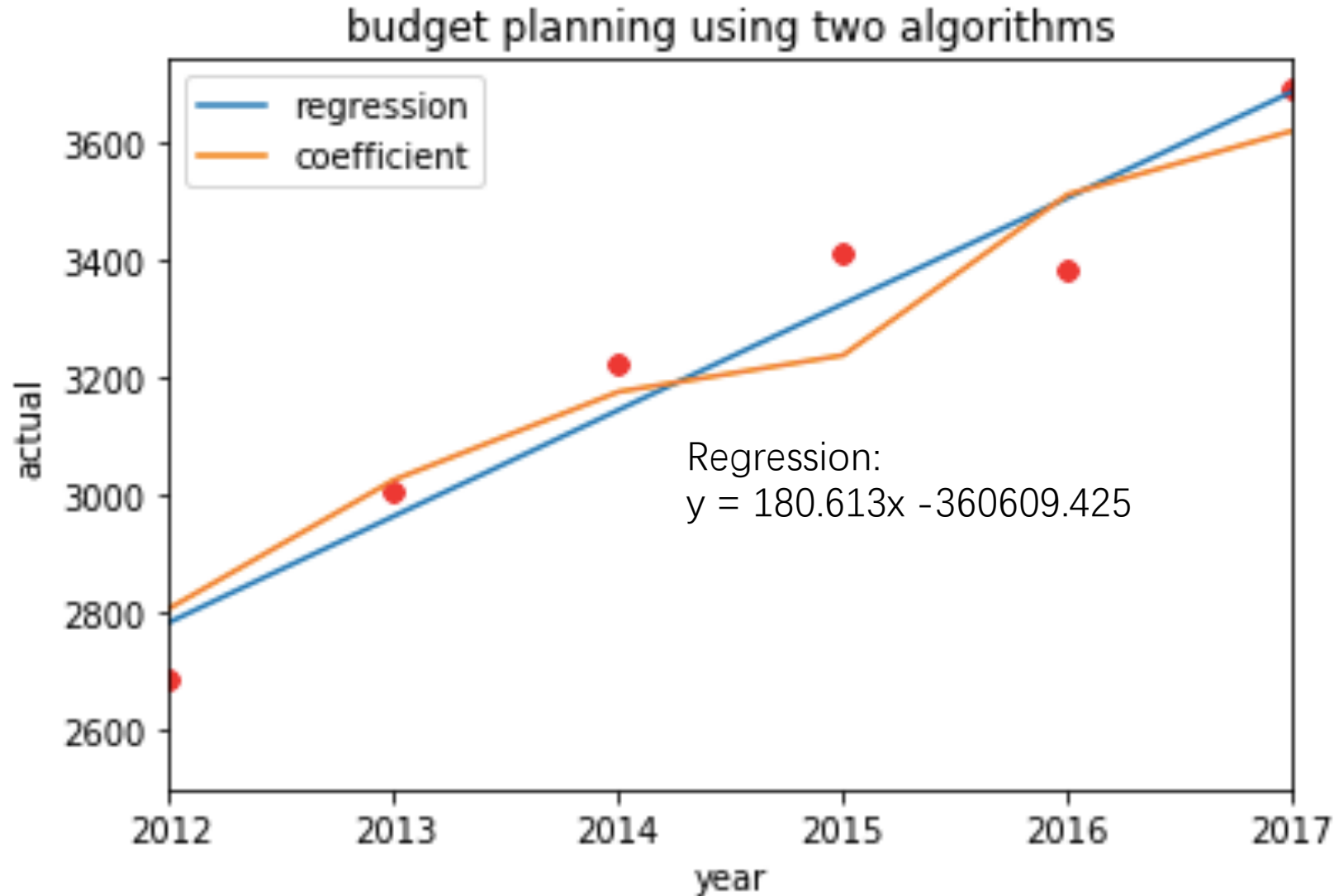
- pdfminer
- tabula
- PyPDF2

	adopted	projected	executive	requested	actual
Unnamed: 0					
2012	2812.037	2812.037	2866.704	2798.161	2688.356
2013	3176.262	3139.169	3106.013	2748.740	3009.703
2014	3175.984	3192.298	3159.075	3159.075	3226.293
2015	3311.157	3224.717	3283.950	3175.967	3414.876
2016	3589.531	3469.702	3475.002	3475.002	3382.002
2017	3691.808	3634.399	3726.341	3529.942	3691.551
2018	3783.041	3696.882	3798.041	3755.210	NaN

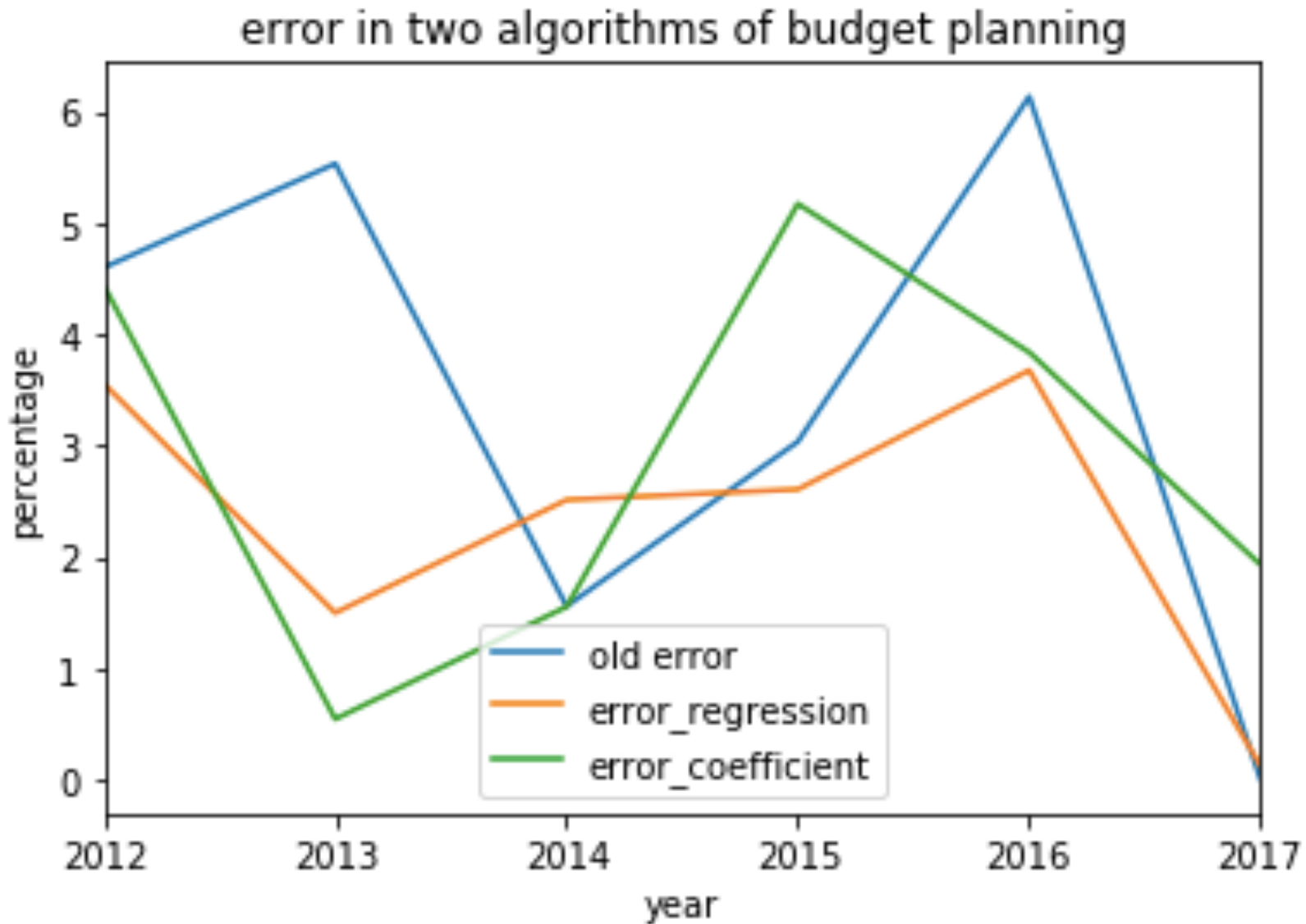
How well are we doing in budget planning ?



How well are we doing in budget planning ?



How well are we doing in budget planning ?



Remaining questions

- Better algorithm to compute adopted budget?
- Compare to some other cities?

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