

Team

Patrick McConlogue

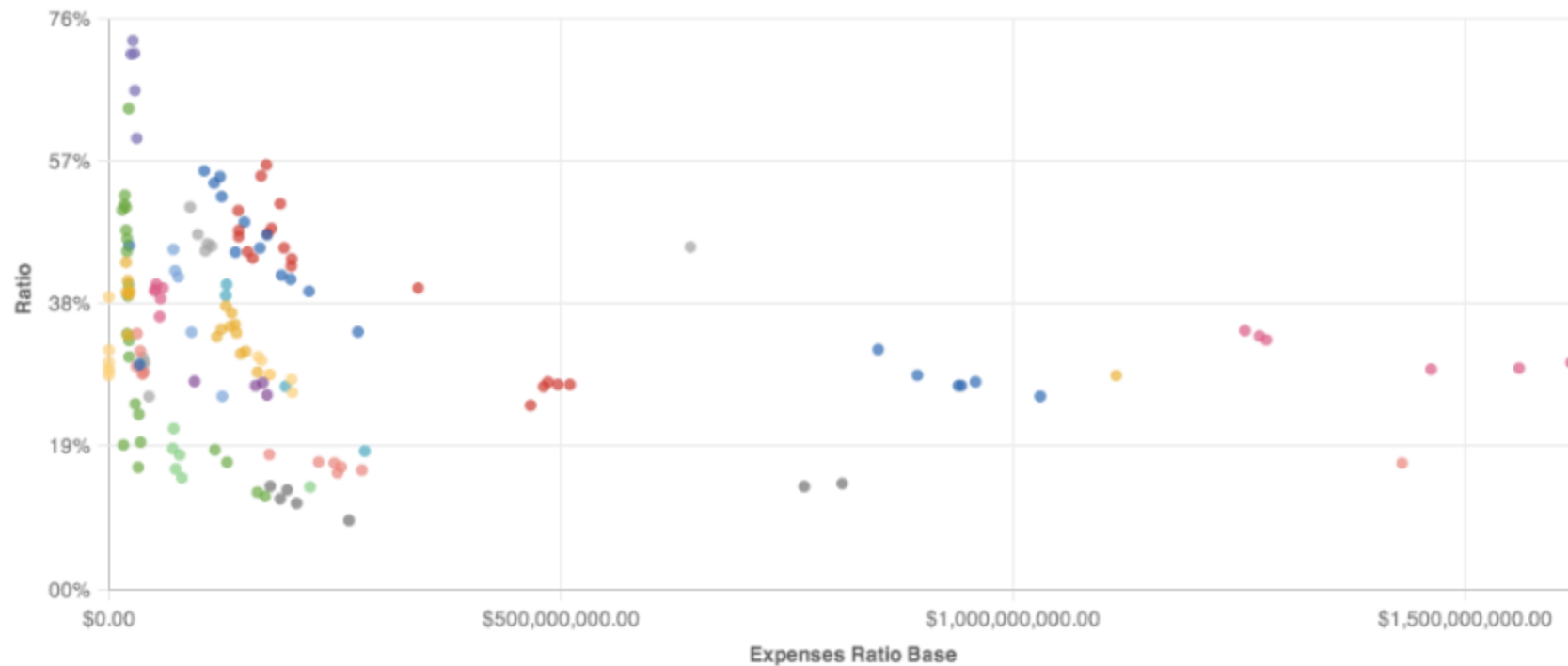
Tomas Svarovsky

and 6 other people (here in spirit)

Hypothesis

- Salaries is largest single expense of every city (avg 35)
- It is difficult to take it away
- If it takes too much of a budget
- and grows continuously
- Your city might be in danger

Ratio VS Expense [Scatter Plot]



Trendlines [Scatter Plot]

Anaheim



Bullheadcity



Calabasasca



Castateland



Culvercity



Anaheim	-0.010554794449676143
Bullheadcity	0.002792883531880286
Calabasasca	0.0077906470881788
Castateland	0.0117035941703612
Culvercity	0.013103260279131107
Davis	-0.0584760887248114
Dublin	0.007089248064512486
Elsegundoca	-0.0020144933768769142
Fresnoasi	0.01677771495948706
Hlpusd	0.0005456392371962286
Losangeles	0.003566856706332657
Menlopark	-0.0130573258819853
Mountainview	-0.0022340033934014
Newhaven	0.005838540814638
Oakharborwa	-0.024655612861534743
Riverside	0.005693091021339172
Rockport	0.0033636801346329
Santacruz	0.0007434997070325429
Saratoga	-0.0227573191662034
Sausalitoca	-0.013039945341296747
Sierracounty	0.002482603500126412
Sierramadre	0.008813346907849571
Simivalley	-0.012948778956864285
Sthelena	0.012118057675368315
Thousandoaks	-0.006018124839358936

Challenges

- Data from OpenGov
- Difficult to classify what is an expense
 - Different cities have different categories
 - out of ~50 cities we were able to clean ~25
- Unknown if data accounts for inflation

Conclusions

- Larger cities are around 35%
- Higher percentage in small cities
- None of the salary expenses grow faster than 5 percent.
- Detroit salaries hovered at 66% of the budget.

Sources

OpenGov Data

Code https://github.com/thnkr/og_data