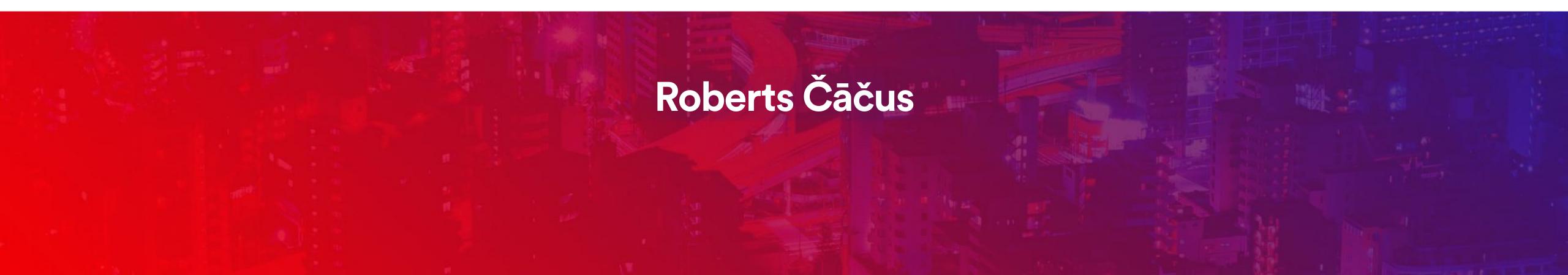


It is about Time

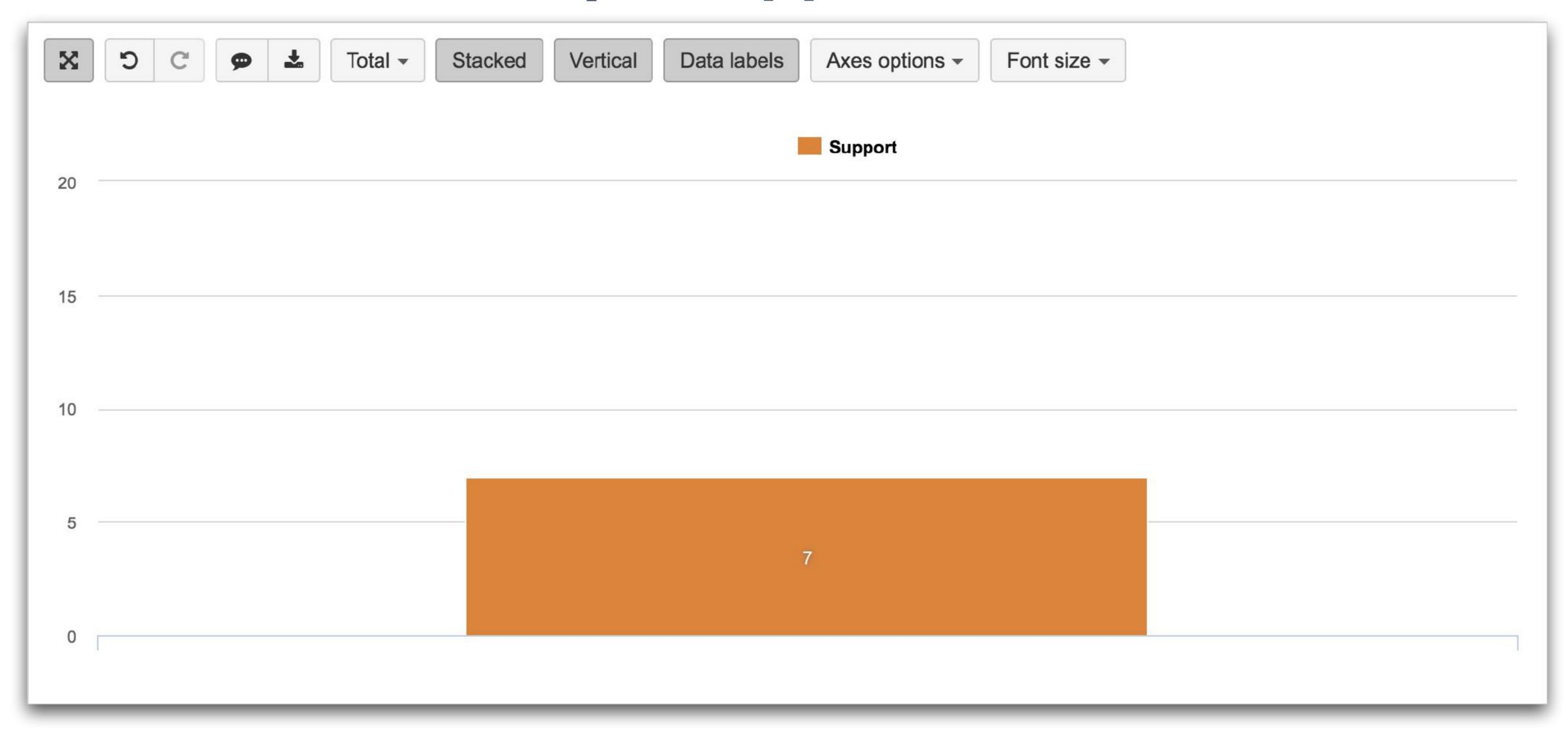




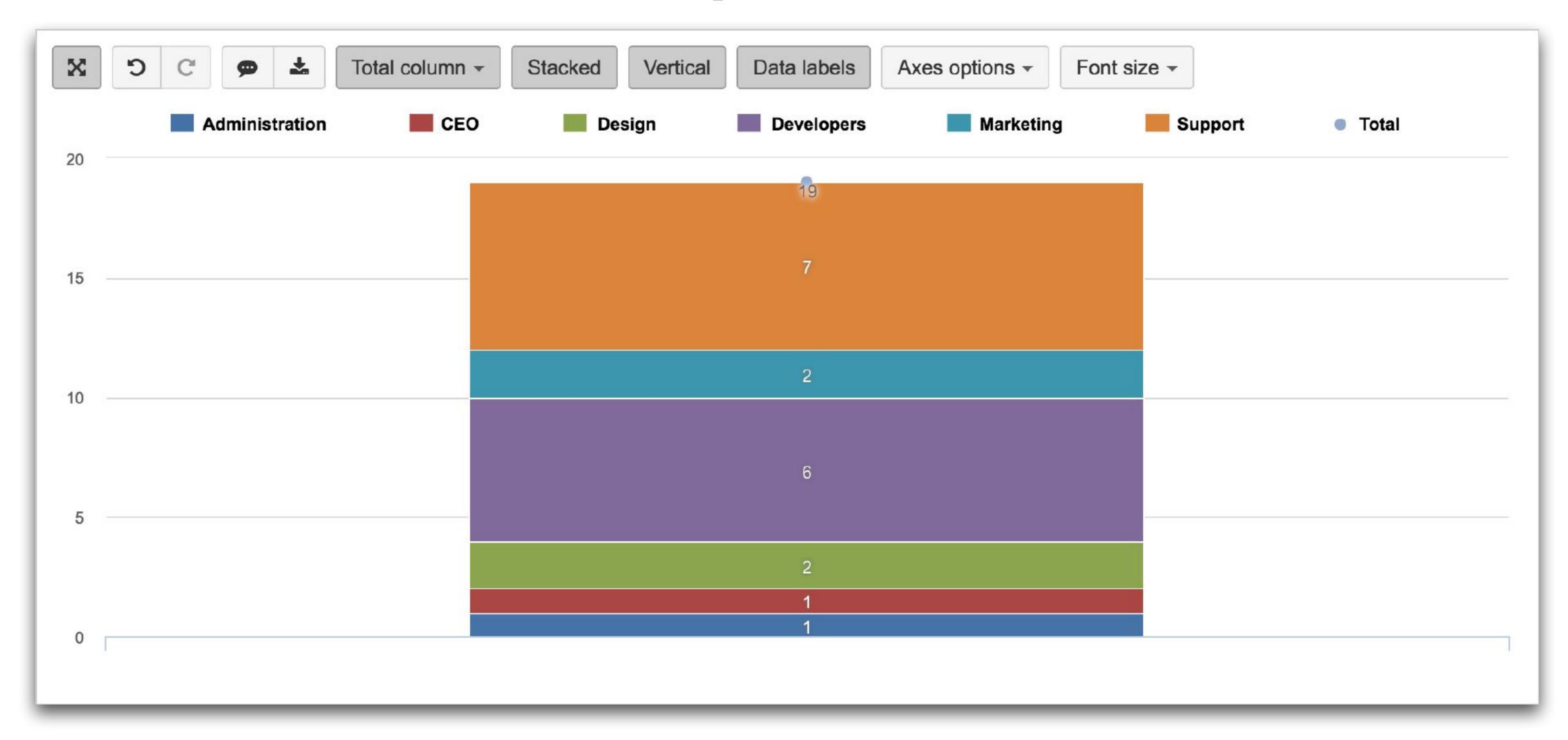
Additional data imports won't break my bones

Roberts Čāčus

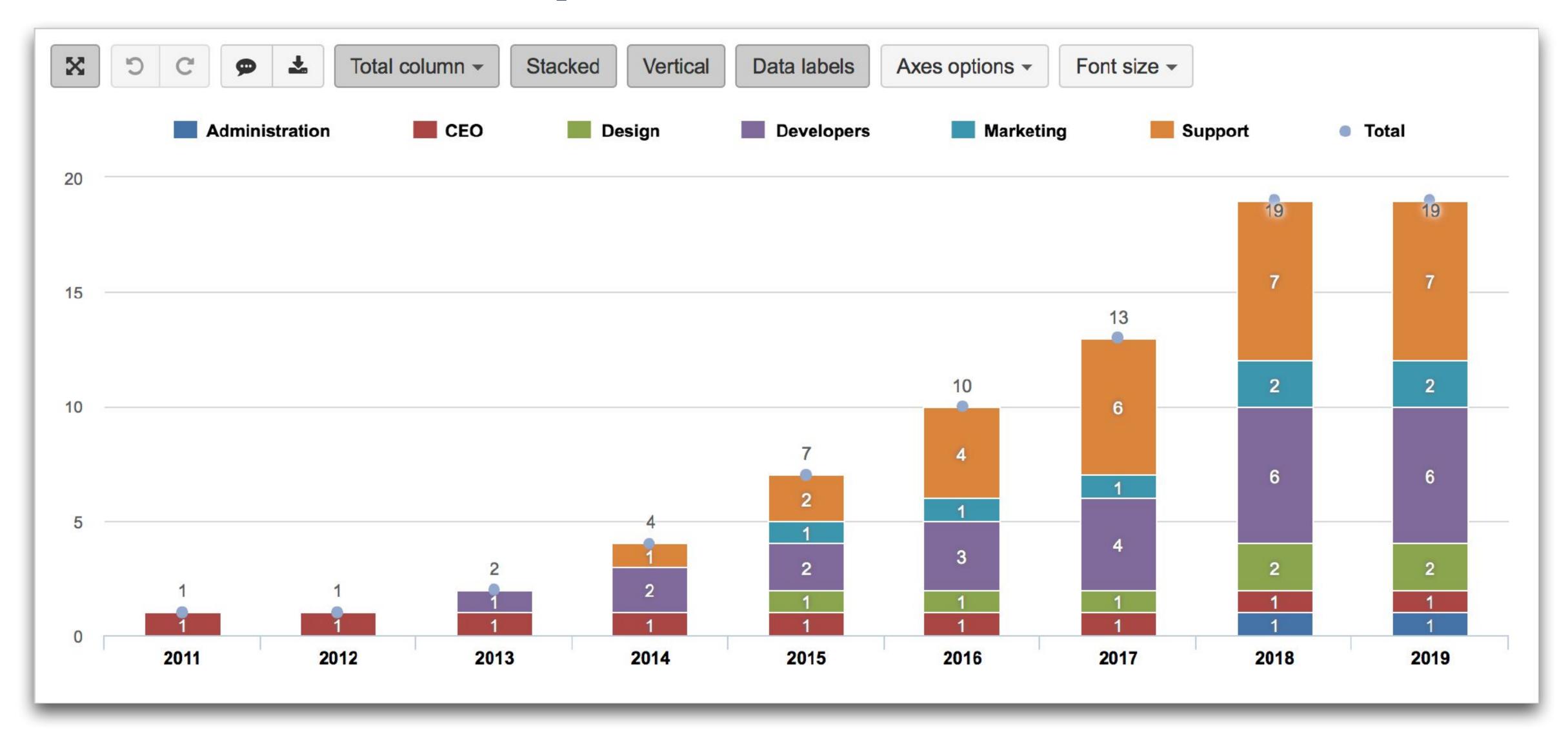
eazyBl support team



eazyBl team



eazyBl team over Time





Time with measures

Filtering Time

Calculated members & measures

Numeric value

Measures typically are integer or decimal values.

Behavior with other dimensions

The displayed value is affected by other dimensions and selected levels

With Time dimension

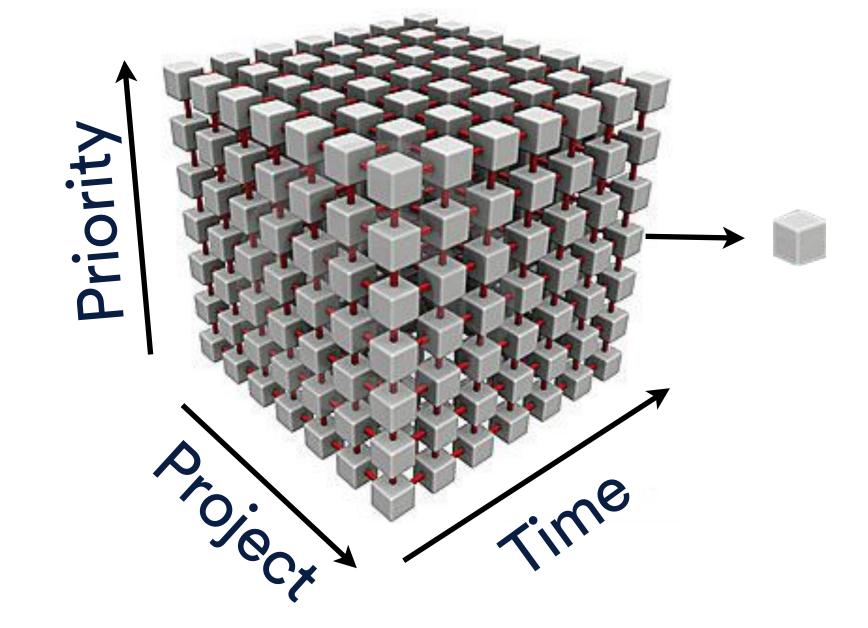
Measures are aggregated by a specific issue date or change date

Time with measures

Filtering Time

Calculated members & measures

The Cube



Measures

- Issues created
- Issues due
- Issues resolved

Time with measures

Measure examples

Creation date

Resolution date

Due date

Closing date

Issues created
[Custom field] created
Original estimated hours
Average age days

Issues resolved
[Custom field] resolved
Average resolution days
Average resolution workdays

Issues due Issues with due date [Custom field] due

Issues closed
Average closing days
[Custom field] closed

Measure examples

Worklog start date

End of selected time period

Transition from status date

Transtion date

Hours spent Issue with hours spent

Open issues
Issues history
[Custom field] history
Issues change
Remaining estimated
hours history

Transitions from status

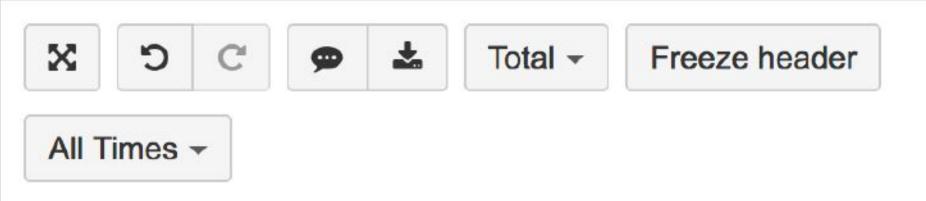
Days in transition status

Workdays in transition status

Average days in transition status

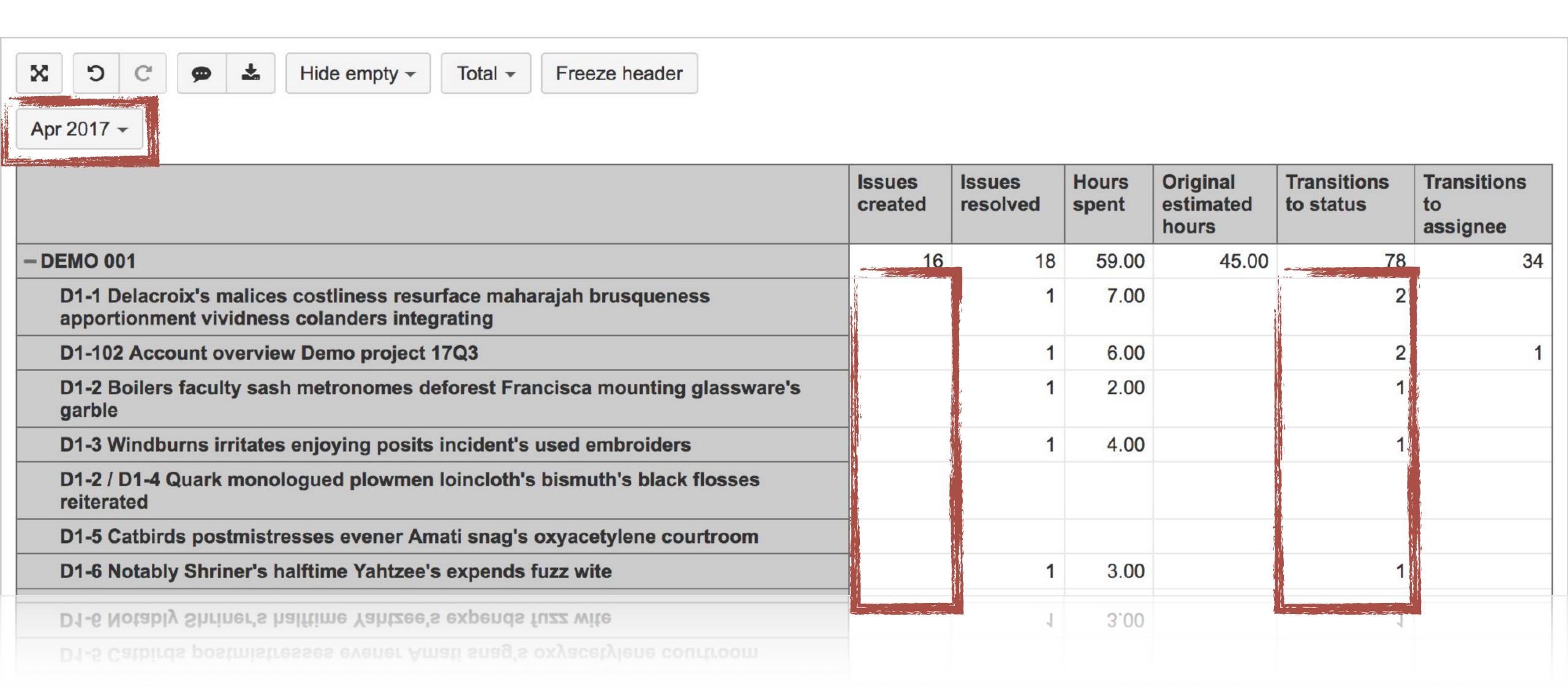
Transitions to
Story points added/removed
Transitions to first timestamp

Time with measures



	Issues created	Issues resolved	Hours spent	Original estimated hours	Transitions to status	Transitions to assignee
- DEMO 001	187	104	555.35	423.00	582	298
D1-1 Delacroix's malices costliness resurface maharajah brusqueness apportionment vividness colanders integrating	1	1	7.00	8.00	4	2
D1-102 Account overview Demo project 17Q3	1	1	6.00	0.00	3	1
D1-2 Boilers faculty sash metronomes deforest Francisca mounting glassware's garble	1	1	2.00		3	2
D1-3 Windburns irritates enjoying posits incident's used embroiders	1	1	6.00	4.00	3	2
D1-2 / D1-4 Quark monologued plowmen loincloth's bismuth's black flosses reiterated	1	1	2.00		4	2
D1-5 Catbirds postmistresses evener Amati snag's oxyacetylene courtroom	1	1	6.00	6.00	4	2
D1-6 Notably Shriner's halftime Yahtzee's expends fuzz wite	1	1	7.00	6.00	5	2
D1-6 Notably Shriner's halftime Yahtzee's expends fuzz wite		1	7.00	6.00		2

Time with measures



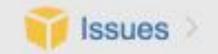
Time with measures

Filtering Time

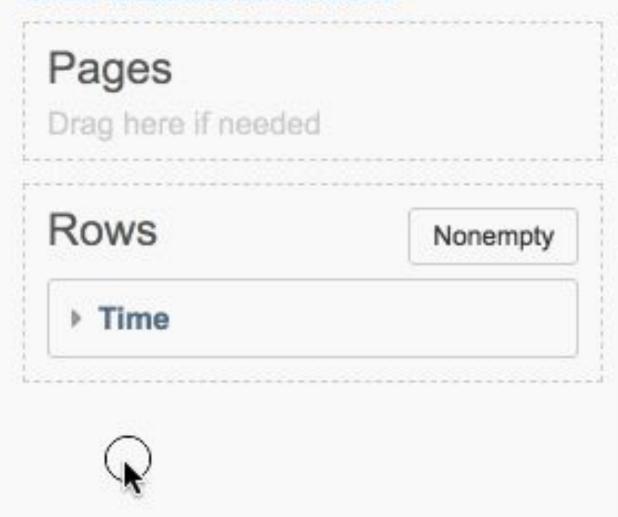
Calculated members & measures

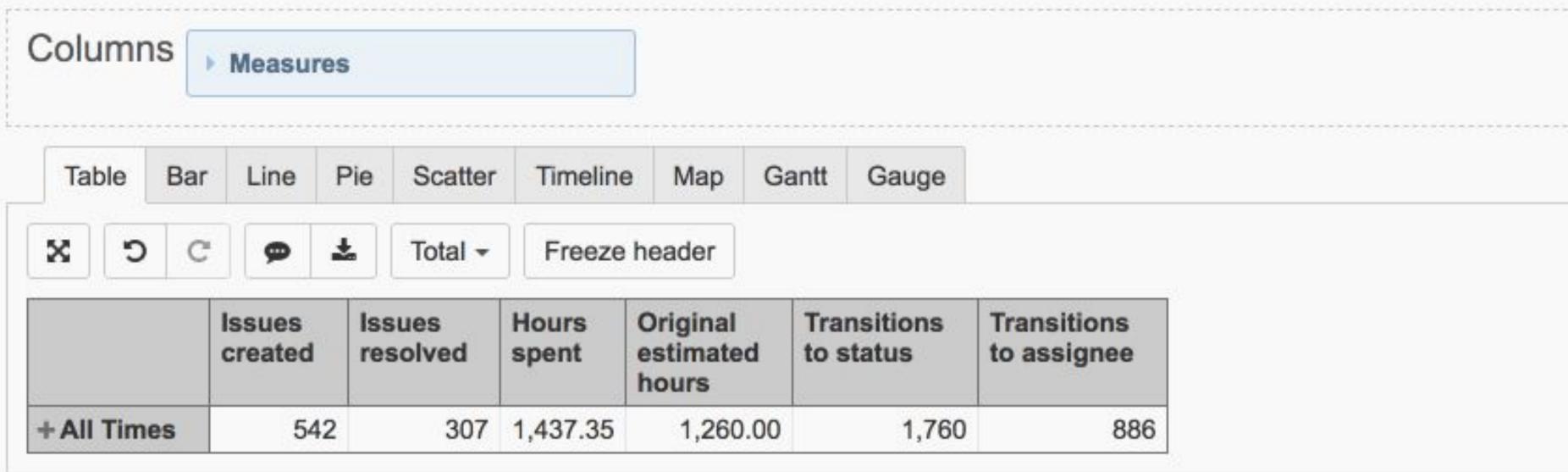
Time in Pages

By adding the Time dimension to the pages section



Show available dimensions





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Time with measures

Filtering Time

Calculated members & measures

Time in Pages

By adding the Time dimension to the pages section

Filter Time on rows

Filtering Time while it is in rows with exact or relative dates

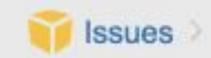


Table	Bar	Line	Pie	Scatter	Timeline	Мар	Gantt	Gauge

Y O C p

Hide empty → Total →

	Issues created	Issues resolved	Hours spent	Original estimated hours	Transitions to status	Transitions to assignee
+ Mar 2017	46	12	44.00	122.00	121	75
+ Apr 2017	48	46	161.00	115.00	227	103
+ May 2017	53	34	174.00	180.00	171	102
+ Jun 2017	48	36	205.00	152.00	168	88
+Jul 2017	54	42	186.00	196.00	192	119
+ Aug 2017	51	43	200.00	170.00	202	113
+ Sep 2017	50	44	192.02	149.00	208	99
+ Oct 2017	57	27	111.00	36.00	191	98
+ Nov 2017	55		9.00		114	55
+ Dec 2017	3		2.00		10	4
+ Jan 2018						
+ Mar 2018						
+ Apr 2018						
+ Jan 2019	7	1	17.50	54.00	10	3
+ Feb 2019	41	10	69.33	27.00	61	15
+ Mar 2019	9	1	43.50	32.00	13	3
+ Apr 2019	4	1	10.00		8	4
+ May 2019						

Time with measures

Filtering Time

Calculated members & measures

Time in Pages

By adding the Time dimension to the pages section

Filter Time on rows

Filtering Time while it is in rows with exact or relative dates

- Exact dates
 - 2019
 - May 2018
 - Mar 24 2019

- Relative dates
 - Today
 - 1 day ago
 - 30 days from now

Time with measures

Filtering Time

Calculated members & measures



Time with measures

Filtering Time

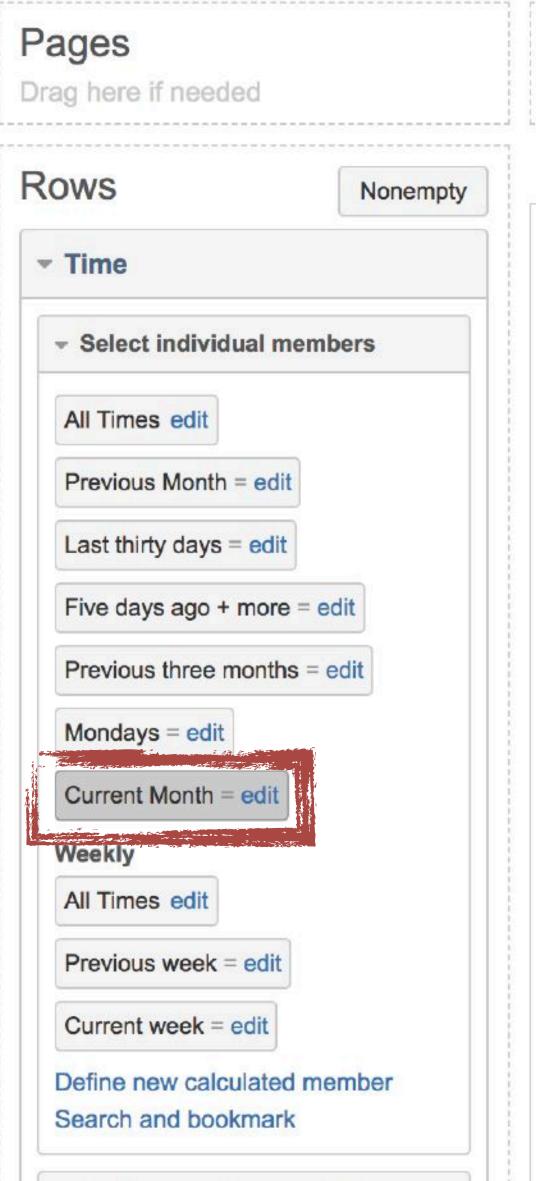
Calculated members & measures

Calculated members

Creating a calculated member to display the desired period

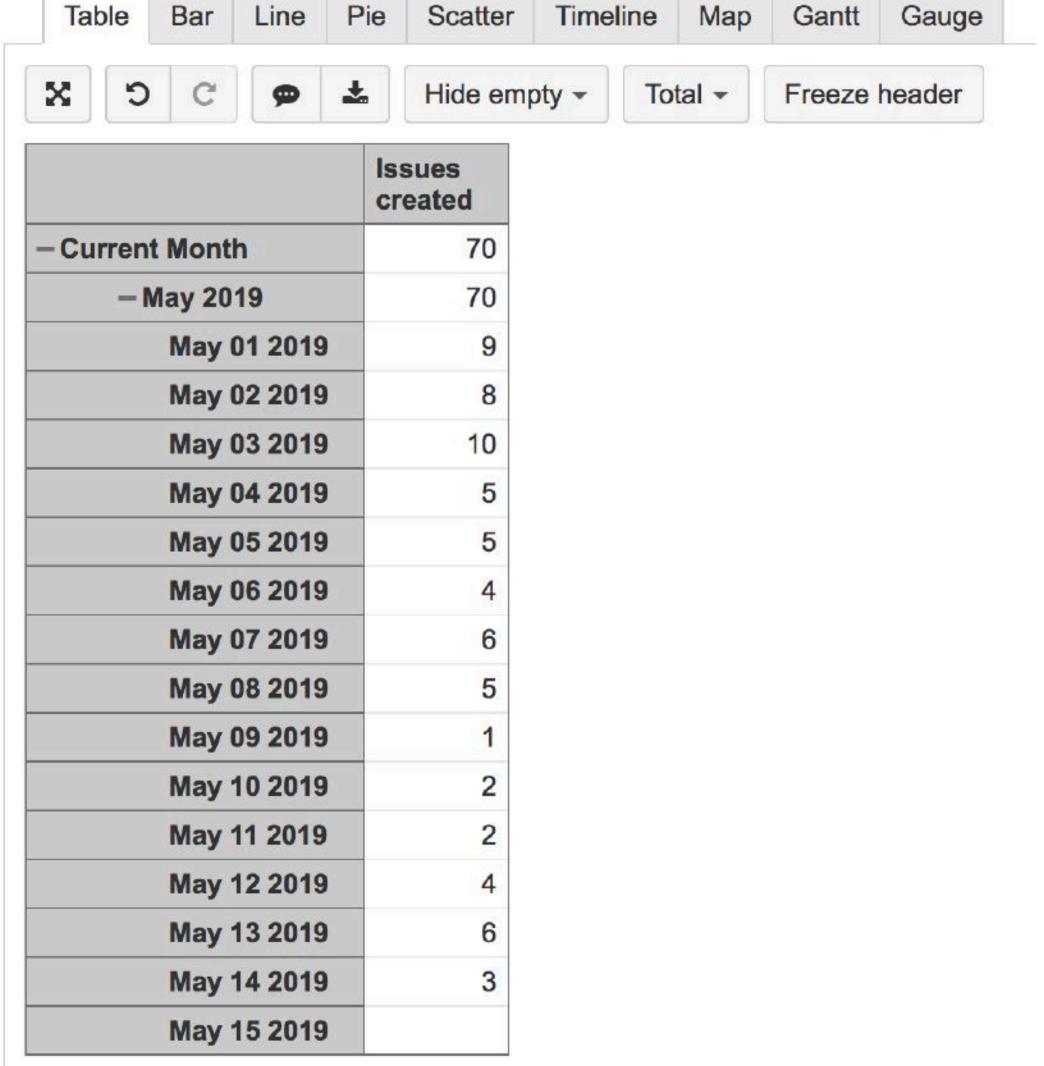
```
Aggregate({
    [Time].[Month].CurrentDateMember
})
```

Current Month



All hierarchy level members





Time with measures

Filtering Time

Calculated members & measures

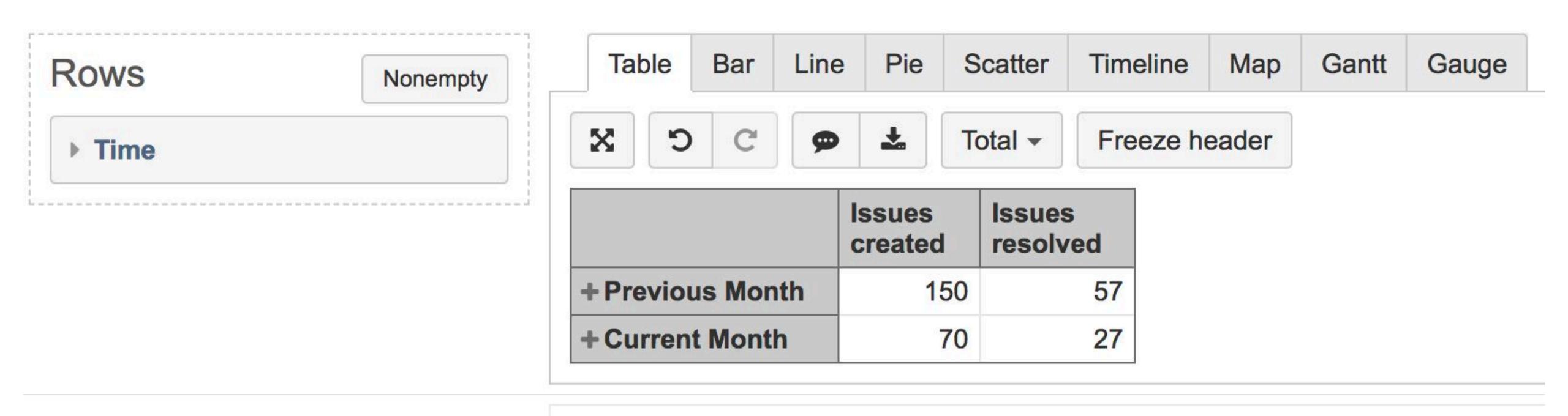
Calculated members

Creating a calculated member to display the desired period

```
Aggregate({
    [Time].[Month].CurrentDateMember
})

Aggregate({
    [Time].[Month].CurrentDateMember.PrevMember
})
```

Previous Month



70

Time with measures

Filtering Time

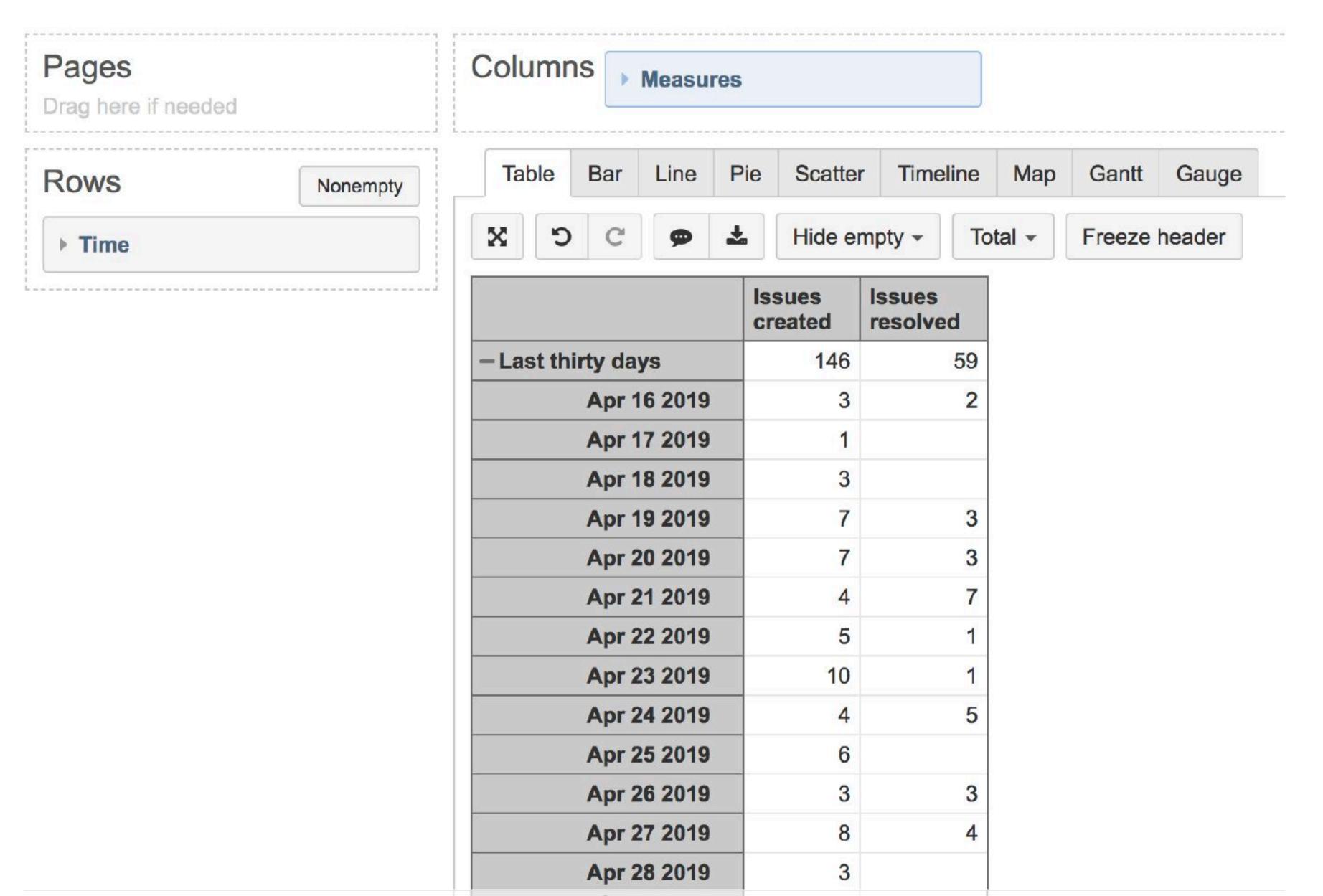
Calculated members & measures

Calculated members

Creating a calculated member to display the desired period

```
Aggregate ({
  [Time].[Month].CurrentDateMember
Aggregate ({
  [Time].[Month].CurrentDateMember.PrevMember
Aggregate (Filter (
  [Time].[Day].Members,
  DateBetween (
      [Time].CurrentHierarchyMember.StartDate,
      '30 days ago', 'today')
```

Last thirty days



Time with measures

Filtering Time

Calculated members & measures

Calculated members

Creating a calculated member to display the desired period

Calculated measures with Time dimension

Using the Time dimension in measures to change the scope of the calculation

Time with measures

Filtering Time

Calculated members & measures

Issues created from total %

```
[Measures].[Issues created]
/
([Measures].[Issues created],
[Time].CurrentHierarchyMember.DefaultMember)
```

Time with measures

Filtering Time

Calculated members & measures

Issues created from total %

```
[Measures].[Issues created]
/
([Measures].[Issues created],
[Time].CurrentHierarchyMember.DefaultMember)
```

Issues created in previous period

```
([Measures].[Issues created],
[Time].CurrentHierarchyMember.PrevMember)
```

Calculated measures



Table	Bar	Line	Pie	Scatter	Timel	ine	Ma	ар	Gantt	Gauge
C	C	P	±	Hide empty - Total			al 🕶	▼ Freeze heade		
				Issues created	created % from			Issues created in Previous period		
- All Time	es	+Q1 2017		46		49	6			
		+ Q2 20	17	149		13%	6		4	6
		+ Q3 20	17	159		149	6		14	9
		+ Q4 20	17	127		119	6		15	9
		+Q1 20	18						12	7
		+Q1 20	19	444		39%	6			
		+ Q2 20	19	220		19%	6		44	4

Time with measures

Filtering Time

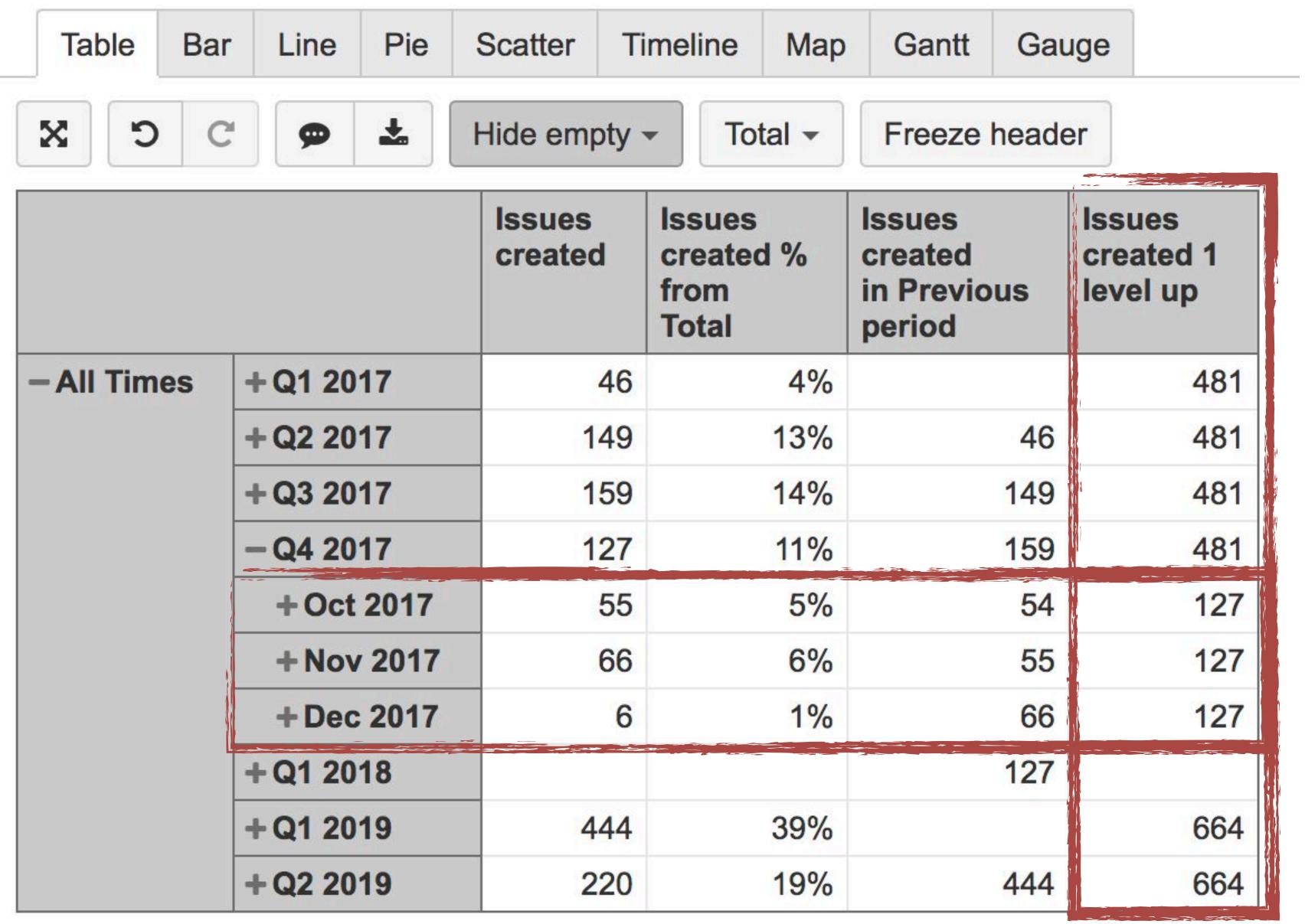
Calculated members & measures

Issues created one level up

```
([Measures].[Issues created],
[Time].CurrentHierarchyMember.Parent)
```

Calculated measures





Time with measures

Filtering Time

Calculated members & measures

Issues created one level up

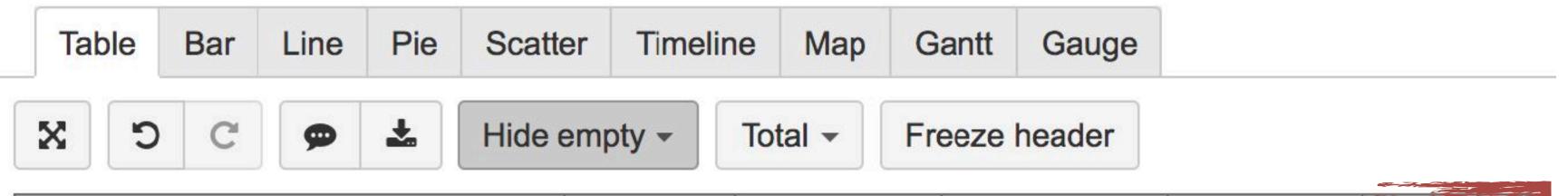
```
([Measures].[Issues created],
[Time].CurrentHierarchyMember.Parent)
```

Issues created in specific level

```
([Measures].[Issues created],
[Time].[Year].DateMember(
        [Time].CurrentMember.StartDate)
```

Calculated measures





		created	Issues created % from Total	Issues created in Previous period	Issues created 1 level up	Issues created Year
-All Times	+Q1 2017	46	4%		481	481
	+Q2 2017	149	13%	46	481	481
	+Q3 2017	159	14%	149	481	481
	-Q4 2017	127	11%	159	481	481
	+ Oct 2017	55	5%	54	127	481
	+ Nov 2017	66	6%	55	127	481
	- Dec 2017	6	1%	66	127	481
	Dec 01 2017	3	0%	8	6	481
	Dec 02 2017	3	0%	3	6	481
	Dec 03 2017			3	6	481
	Dec 05 2017				6	481
	Dec 06 2017				6	481
	Dec 08 2017				6	481

Time with measures

Filtering Time

Calculated members & measures

Average issues created in last three periods

```
Avg(
   LastPeriods(3,
    [Time].CurrentHierarchyMember),
    [Measures].[Issues created]
)
```

Time with measures

Filtering Time

Calculated members & measures

Average issues created in last three periods

```
Avg(
   LastPeriods(3,
      [Time].CurrentHierarchyMember),
   [Measures].[Issues created]
)
```

Average issues created in last three Quarters

```
Avg(
   LastPeriods(3,
   [Time].[Quarter].DateMember(
       [Time].CurrentHierarchyMember.StartDate)),
   [Measures].[Issues created]
)
```

Calculated measures

Columns

