









Soundcast Validation

- CSV, spreadsheets
- Interactive Dashboard
- HTML

 validation	10/1/2020 12:52 PM	File folder
 metrics.html	10/1/2020 9:24 AM	Chrome HTML Docu
 topsheet.html	10/1/2020 9:23 AM	Chrome HTML Docu
 validation.html	10/1/2020 9:25 AM	Chrome HTML Docu
 validation_census.html	10/1/2020 9:25 AM	Chrome HTML Docu
 validation_daysim.html	10/1/2020 9:25 AM	Chrome HTML Docu
 validation_tour.html	10/1/2020 9:25 AM	Chrome HTML Docu
 work.html	10/1/2020 9:25 AM	Chrome HTML Docu

Soundcast Validation Dashboard

Select Scenarios

Scenario 1

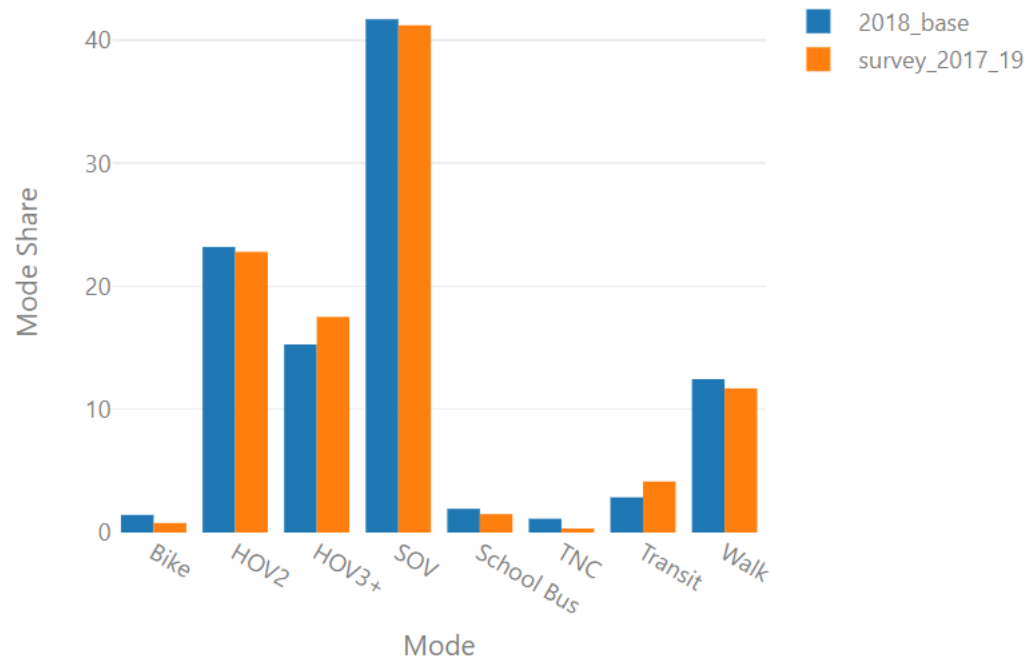
Scenario 2

Scenario 3

Trip Mode Share

Trip Mode Choice

Mode Share Trips by Mode

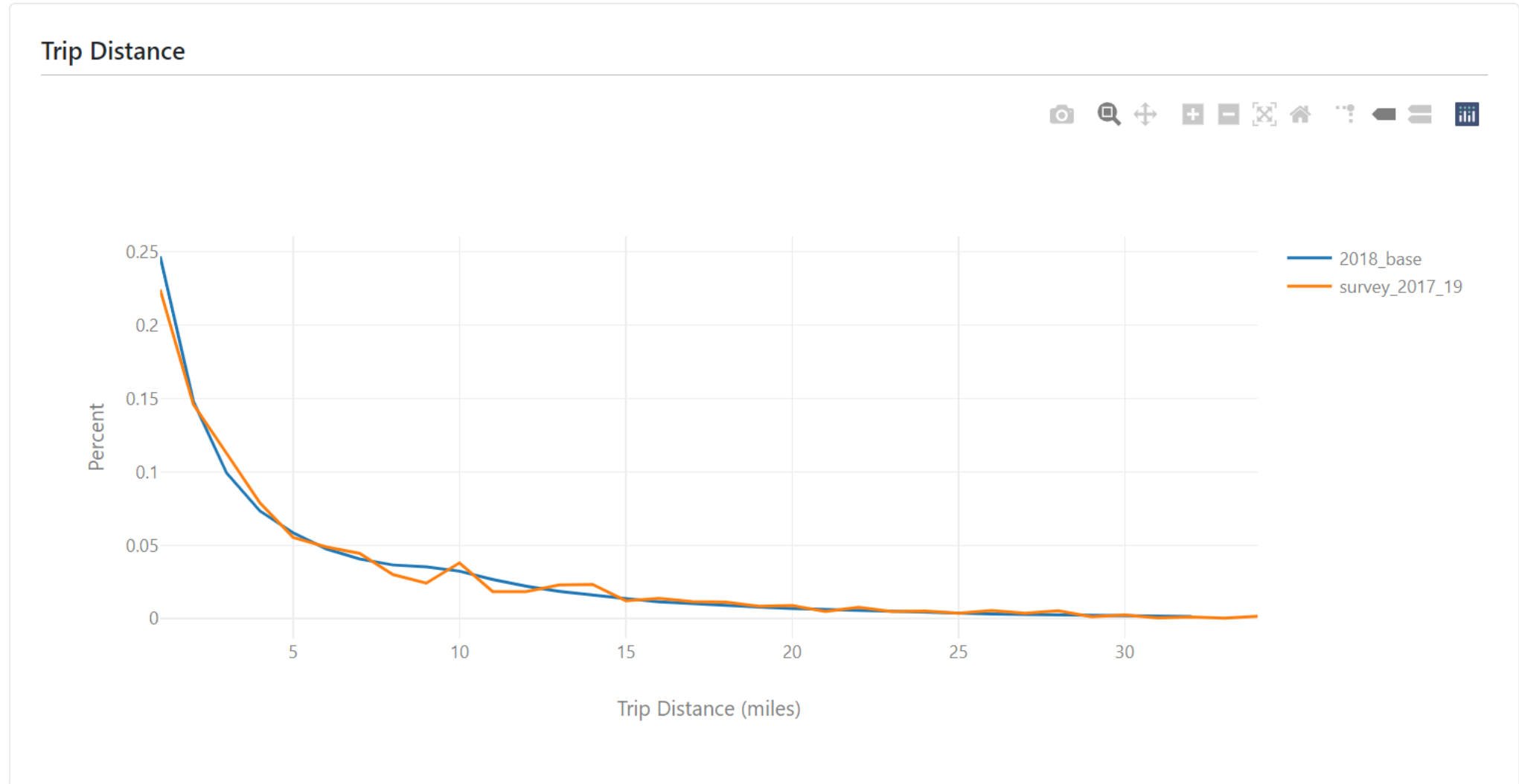


	Model	Survey
mode		
Walk	12.5%	12.5%
Bike	1.4%	1.3%
SOV	41.4%	40.8%
HOV2	23.3%	22.0%
HOV3+	15.4%	15.8%
Transit	2.9%	4.9%
School Bus	1.9%	2.2%
TNC	1.1%	0.5%

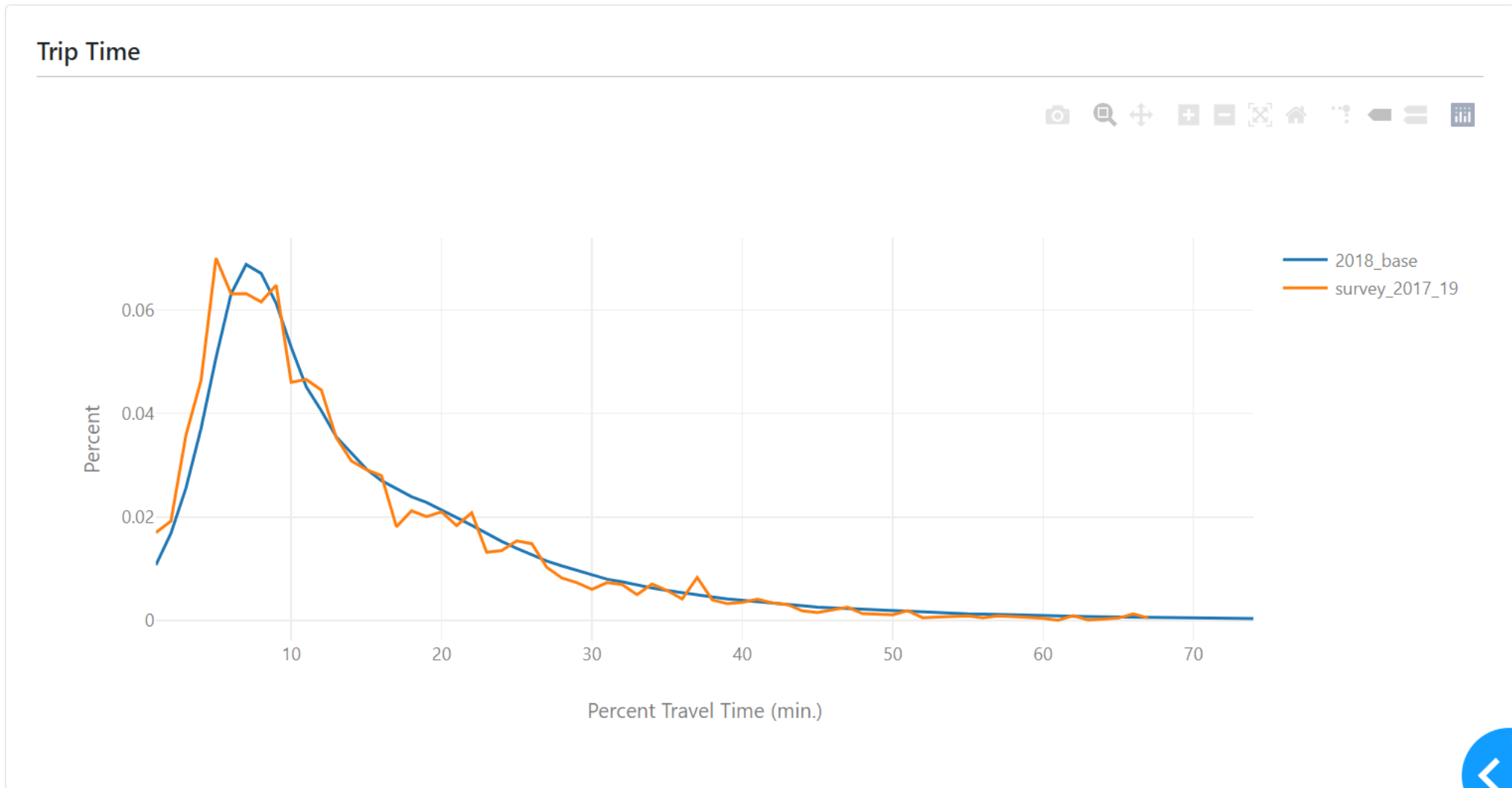
Transit Boardings

	agency	observed_5to20	modeled_5to20	diff	perc_diff
2	King County Metro	392,694	396,940	4,246	1.08%
5	Sound Transit	145,426	153,634	8,208	5.64%
0	Community Transit	30,918	33,727	2,809	9.08%
4	Pierce Transit	27,233	33,586	6,353	23.33%
6	Washington Ferries	16,912	10,970	-5,941	-35.13%
3	Kitsap Transit	8,669	13,000	4,331	49.96%
1	Everett Transit	3,290	1,896	-1,395	-42.38%

Trip Distance

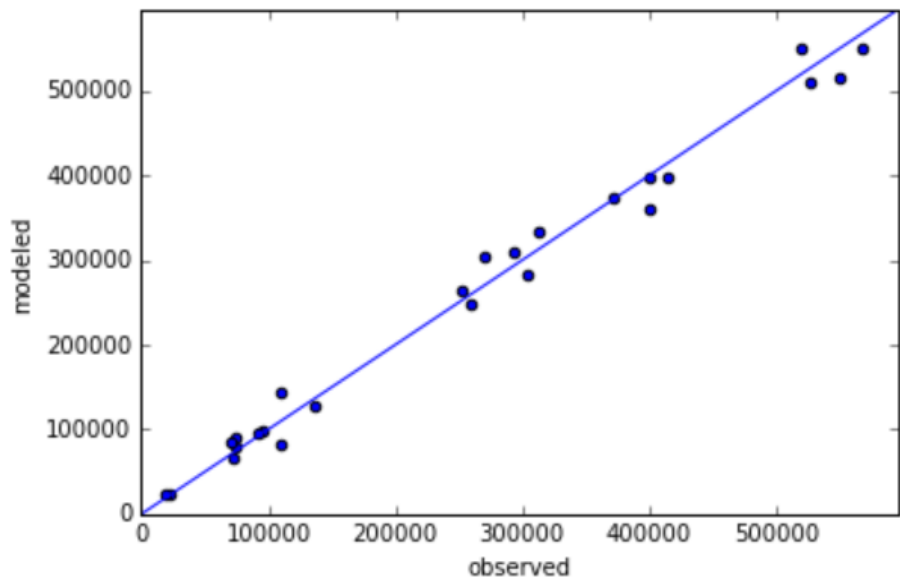


Trip Time



Screenlines

$r^2 : 0.993874853762$

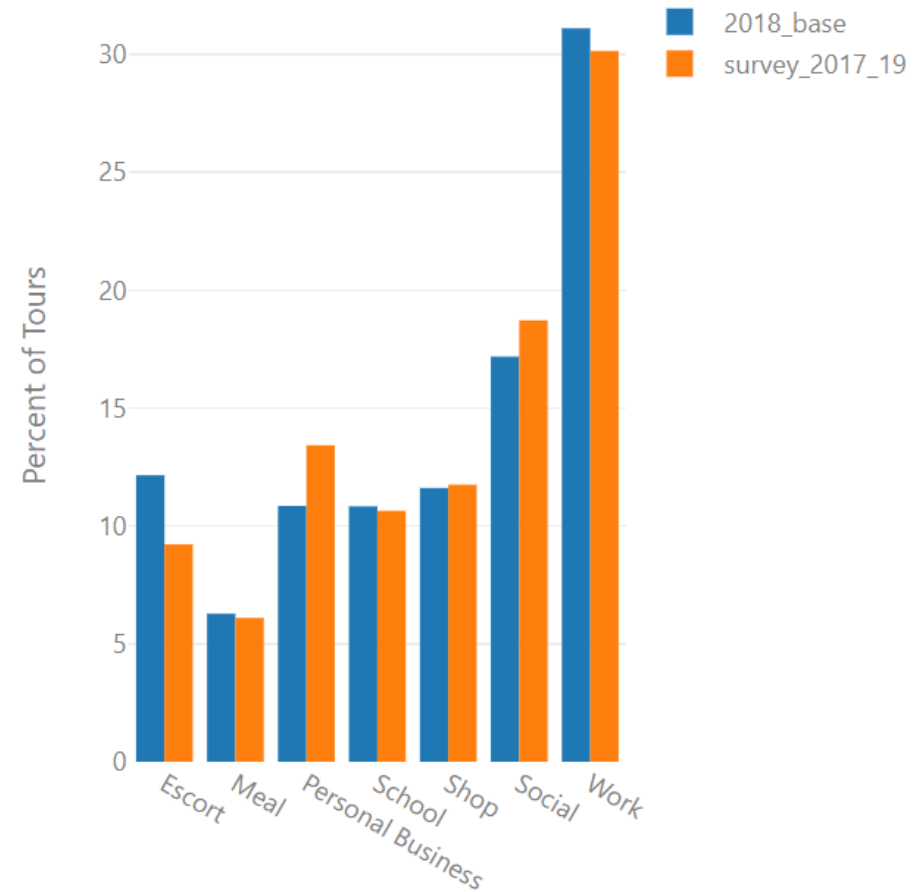


	name	observed	modeled	diff	percent_diff
0	AUBURN - SOUTH KING	568,417	550,870	-17,547	-3.09%
1	KENT	550,322	516,661	-33,661	-6.12%
2	SEATTLE - SOUTH OF CBD	526,500	510,282	-16,218	-3.08%
3	SHIP CANAL	519,802	550,536	30,734	5.91%
4	KIRKLAND-REDMOND	414,120	397,298	-16,822	-4.06%
5	MILL CREEK	400,848	398,913	-1,935	-0.48%
6	SOUTH BELLEVUE	399,500	359,834	-39,666	-9.93%
7	SEATTLE - NORTH	372,000	374,660	2,660	0.72%
8	TACOMA - EAST OF CBD	312,164	333,891	21,727	6.96%
9	PARKLAND	304,322	284,024	-20,298	-6.67%
10	BOTHELL	293,729	310,557	16,828	5.73%
11	LYNNWOOD-BOTHELL	269,900	305,530	35,630	13.20%
12	TUKWILA	259,341	246,915	-12,426	-4.79%
13	TRANSLAKE	252,300	263,557	11,257	4.46%

Tours by Purpose

Percent of Tours by Purpose

Destination Purpose	2018_base	survey_2017_19	Difference
Escort	12.15	9.22	2.93
Meal	6.28	6.10	0.18
Personal Business	10.85	13.42	-2.56
School	10.83	10.64	0.18
Shop	11.61	11.75	-0.14
Social	17.18	18.72	-1.54
Work	31.10	30.14	0.96



Tours by Person Type

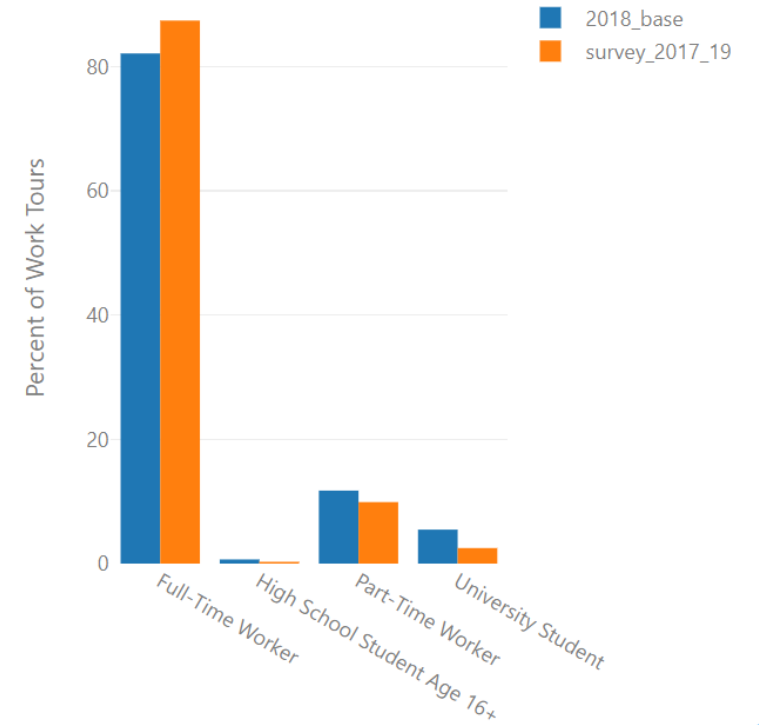
Day Pattern by Person Type

Destination Purpose:

Work

Percent of Work Tours by Person Type

Person Type	2018_base	survey_2017_19	Difference
Full-Time Worker	82.12	87.41	-5.29
High School Student Age 16+	0.67	0.20	0.47
Part-Time Worker	11.75	9.90	1.85
University Student	5.47	2.50	2.97

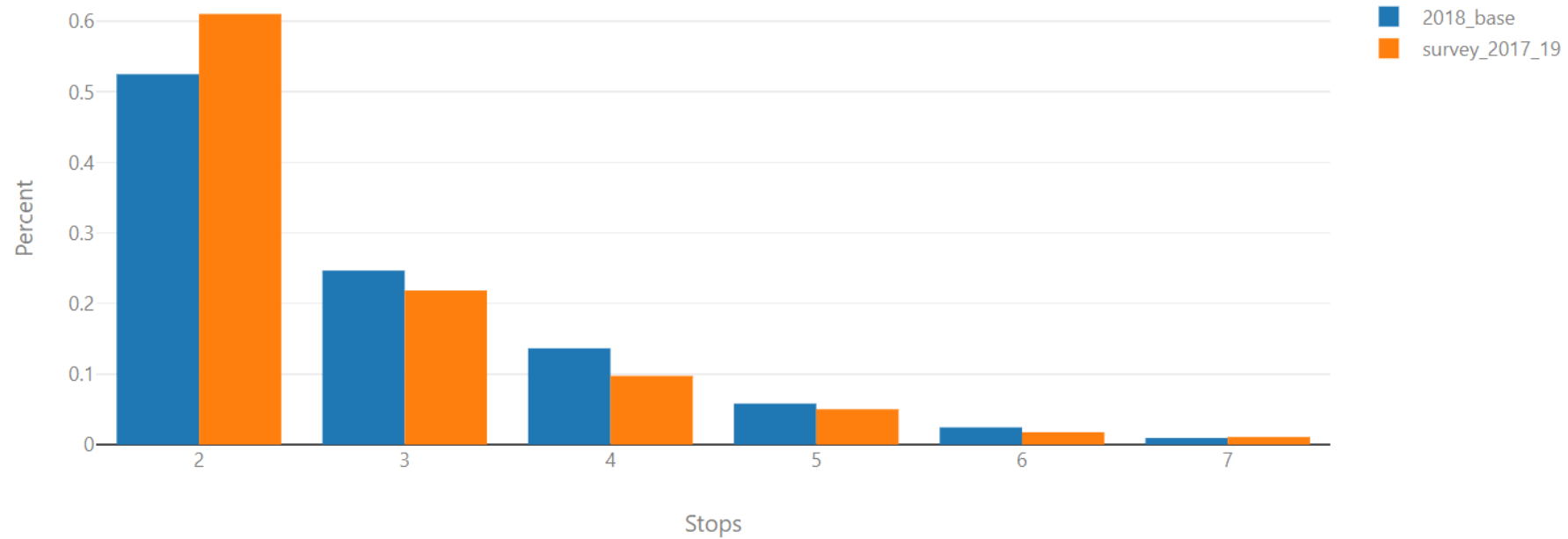


Stops on Tour

Stops on Tour: All Tours | Entire Tour

Entire Tour First Half Second Half

All



Auto Ownership

Auto Ownership

