

report

March 20, 2018

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Table 1: a listing

sex	day	statistic	income	
			tip	Total Bill
Female	Thur	Ntot	32	32
		N	32	32
		Nmiss	0	0
		Mean	2.58	16.72
		Median	2.00	13.79
		SD	1.11	7.76
		Min	1.25	8.35
		Max	5.17	43.11
		90% CLM	2.24 - 2.91	14.39 - 19.04
		Fri	Ntot	9
	N		9	9
	Nmiss		0	0
	Mean		2.78	14.15
	Median		3.00	15.38
	SD		0.94	4.79
	Min		1.00	5.75
	Max		4.30	22.75
	90% CLM		2.20 - 3.36	11.18 - 17.11
	Sat		Ntot	28
		N	28	28
		Nmiss	0	0
		Mean	2.80	19.68
		Median	2.62	18.36
		SD	1.23	8.81
		Min	1.00	3.07
		Max	6.50	44.30
		90% CLM	2.40 - 3.20	16.85 - 22.52
		Sun	Ntot	18
	N		18	18
	Nmiss		0	0
	Mean		3.37	19.87
	Median		3.50	17.41
	SD		1.14	7.84
	Min		1.01	9.60
	Max		5.20	35.26
	90% CLM		2.90 - 3.83	16.66 - 23.09
Male	Thur		Ntot	30
		N	30	30

Table 1: a listing, cont'd

sex	day	statistic	income	
			tip	Total Bill
		Nmiss	0	0
		Mean	2.98	18.71
		Median	2.53	16.98
		SD	1.35	8.02
		Min	1.44	7.51
		Max	6.70	41.19
		90% CLM	2.56 - 3.40	16.23 - 21.20
	Fri	Ntot	10	10
		N	10	10
		Nmiss	0	0
		Mean	2.69	19.86
		Median	2.60	17.21
		SD	1.14	10.02
		Min	1.50	8.58
		Max	4.73	40.17
		90% CLM	2.03 - 3.35	14.05 - 25.66
	Sat	Ntot	59	59
		N	59	59
		Nmiss	0	0
		Mean	3.08	20.80
		Median	3.00	18.24
		SD	1.79	9.84
		Min	1.00	7.74
		Max	10.00	50.81
		90% CLM	2.69 - 3.47	18.66 - 22.94
	Sun	Ntot	58	58
		N	58	58
		Nmiss	0	0
		Mean	3.22	21.89
		Median	3.08	20.73
		SD	1.27	9.13
		Min	1.32	7.25
		Max	6.50	48.17
		90% CLM	2.94 - 3.50	19.88 - 23.89

Table 2: total bill statistics

sex	statistic	Thur		Fri		Sat	Sun
		Dinner	Lunch	Dinner	Lunch	Dinner	Dinner
<i>Female</i>							
	N	1	31	5	4	28	18
	Mean	18.78	16.65	14.31	13.94	19.68	19.87
	Median	18.78	13.42	15.38	14.70	18.36	17.41
	SD	NA	7.88	6.29	2.87	8.81	7.84
	Min	18.78	8.35	5.75	10.09	3.07	9.60
	Max	18.78	43.11	22.75	16.27	44.30	35.26
<i>Male</i>							
	N		30	7	3	59	58
	Mean		18.71	23.49	11.39	20.80	21.89
	Median		16.98	22.49	12.16	18.24	20.73
	SD		8.02	9.86	2.51	9.84	9.13
	Min		7.51	12.03	8.58	7.74	7.25
	Max		41.19	40.17	13.42	50.81	48.17
<i>Total</i>							
	N	1	61	12	7	87	76
	Mean	18.78	17.66	19.66	12.85	20.44	21.41
	Median	18.78	16.00	18.66	13.42	18.24	19.63
	SD	NA	7.95	9.47	2.84	9.48	8.83
	Min	18.78	7.51	5.75	8.58	3.07	7.25
	Max	18.78	43.11	40.17	16.27	50.81	48.17

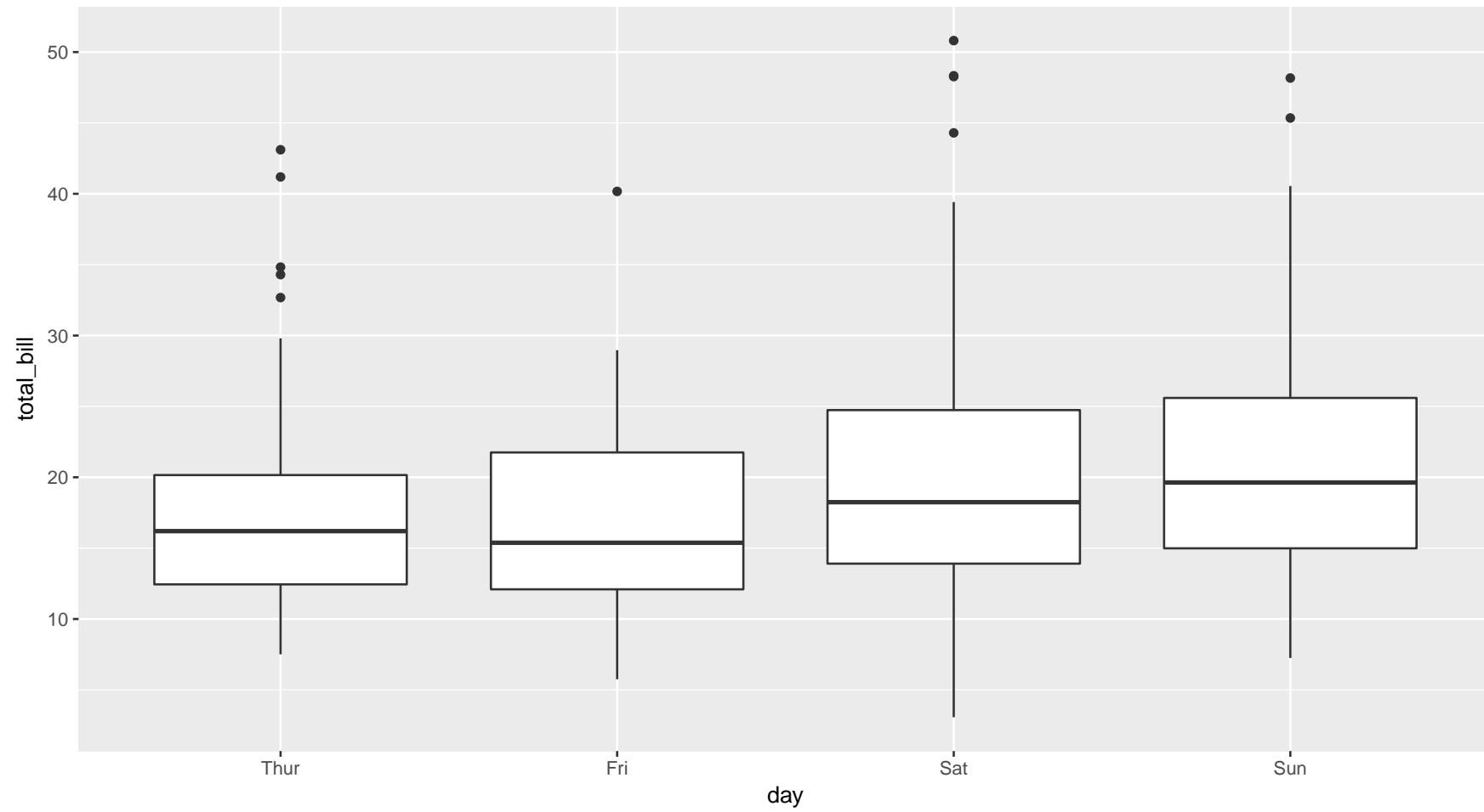
Table 3: customer frequency

Gender	Day of the week	time		
		Dinner	Lunch	Total
<i>Female</i>				
	Thur	1 (0.41)	31 (12.70)	32 (13.11)
	Fri	5 (2.05)	4 (1.64)	9 (3.69)
	Sat	28 (11.48)		28 (11.48)
	Sun	18 (7.38)		18 (7.38)
<i>Male</i>				
	Thur		30 (12.30)	30 (12.30)
	Fri	7 (2.87)	3 (1.23)	10 (4.10)
	Sat	59 (24.18)		59 (24.18)
	Sun	58 (23.77)		58 (23.77)

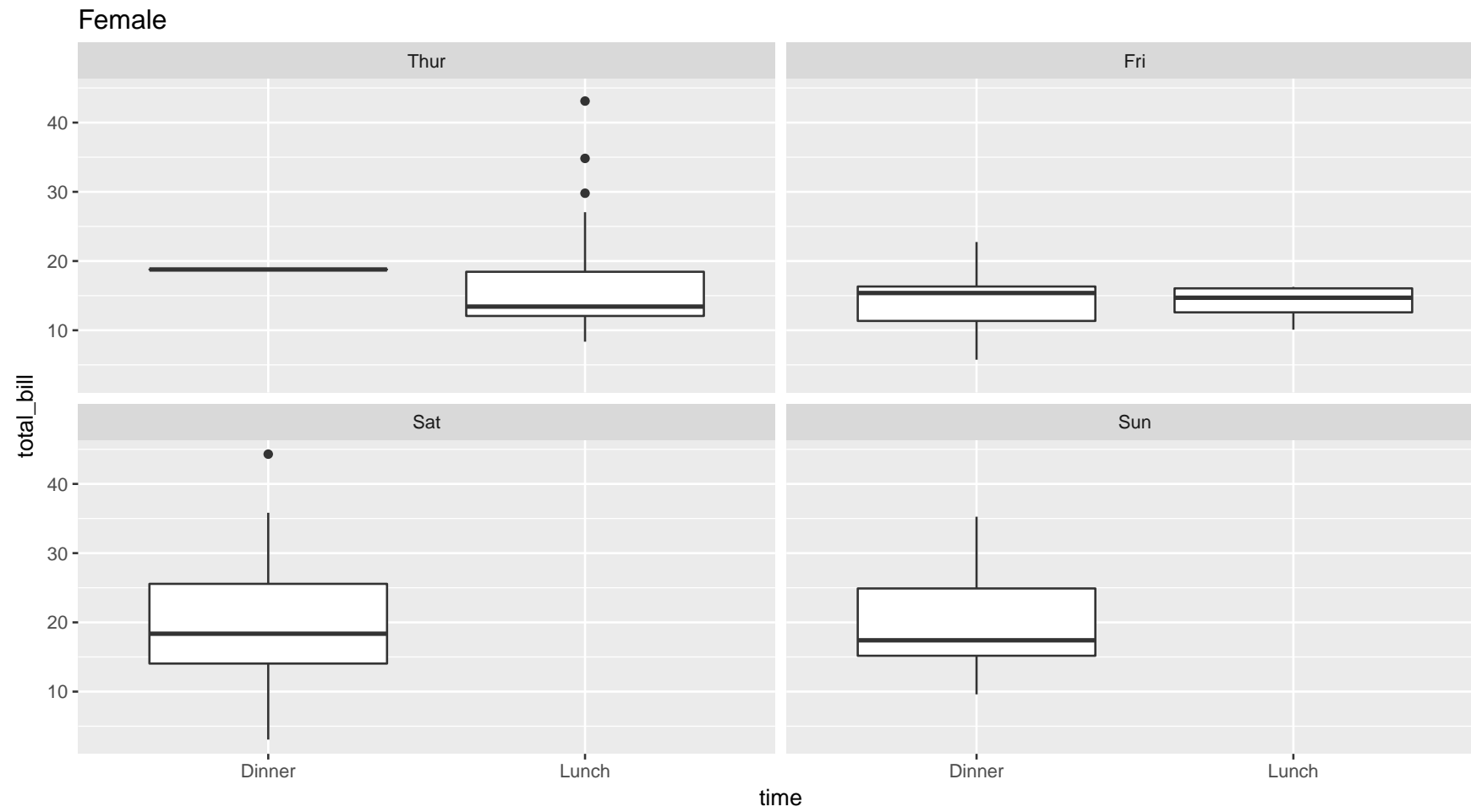
Table 4: total bill statistics

sex	day	Dinner							Lunch						
		N	Mean	Median	SD	Min	Max	N (perc)	N	Mean	Median	SD	Min	Max	N (perc)
<i>Female</i>															
	Thur	1	18.78	18.78	NA	18.78	18.78	1 (0.41)	31	16.65	13.42	7.88	8.35	43.11	31 (12.70)
	Fri	5	14.31	15.38	6.29	5.75	22.75	5 (2.05)	4	13.94	14.70	2.87	10.09	16.27	4 (1.64)
	Sat	28	19.68	18.36	8.81	3.07	44.30	28 (11.48)							
	Sun	18	19.87	17.41	7.84	9.60	35.26	18 (7.38)							
<i>Male</i>															
	Thur								30	18.71	16.98	8.02	7.51	41.19	30 (12.30)
	Fri	7	23.49	22.49	9.86	12.03	40.17	7 (2.87)	3	11.39	12.16	2.51	8.58	13.42	3 (1.23)
	Sat	59	20.80	18.24	9.84	7.74	50.81	59 (24.18)							
	Sun	58	21.89	20.73	9.13	7.25	48.17	58 (23.77)							
<i>Total</i>															
	Thur	1	18.78	18.78	NA	18.78	18.78	1 (0.41)	61	17.66	16.00	7.95	7.51	43.11	61 (25.00)
	Fri	12	19.66	18.66	9.47	5.75	40.17	12 (4.92)	7	12.85	13.42	2.84	8.58	16.27	7 (2.87)
	Sat	87	20.44	18.24	9.48	3.07	50.81	87 (35.66)							
	Sun	76	21.41	19.63	8.83	7.25	48.17	76 (31.15)							

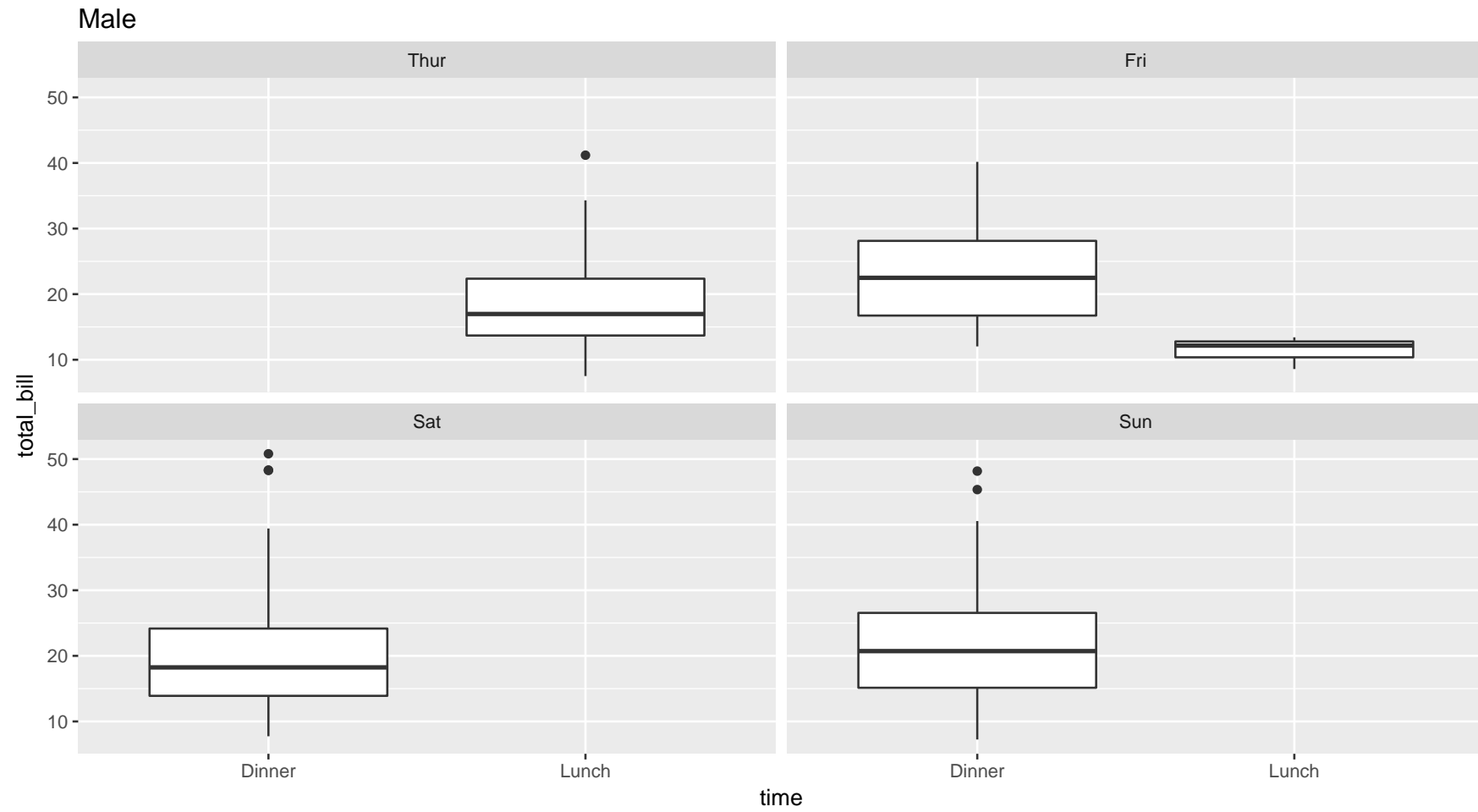
plot A: example for basic plotting



plot B: example for plotting lists



plot B: example for plotting lists, cont'd



plot C: example for base plot

