

Barista + Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Dose (g)	20.1	20.1	19.9	19.9	20.1	19.9	19.8	20.1	19.9	20.2	20	20	19.9	20	20.1
Bev Weight (g)	35.2	37.1	33.7	34.9	35.3	33.6	37	30.1	38.8	29.5	33.6	35.1	33.2	32.5	32.7
Time (sec)	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
TDS (%)	10.60	10.20	10.80	10.50	10.50	10.90	9.60	12.10	9.90	11.90	10.60	10.60	11.20	10.90	10.40
Ext Yield (%)	18.56	18.83	18.29	18.41	18.44	18.40	17.94	18.12	19.30	17.38	17.81	18.60	18.69	17.71	16.92
Brew Ratio	57.1%	54.2%	59.1%	57.0%	56.9%	59.2%	53.5%	66.8%	51.3%	68.5%	59.5%	57.0%	59.9%	61.5%	61.5%

Barista + Time	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	AVG	MAX	MIN	RANGE	STDEV
Number	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Dose (g)	19.9	20	20	20	20	20	20.1	20	20	20	20	20.2	19.8	20	19.9	19.997	20.2	19.8	0.4	0.10
Bev Weight (g)	34.7	37.1	32.4	36.2	28.7	33.6	34.6	34.8	38.8	37.3	33.2	37.2	40.3	37.9	42.3	35.047	42.3	28.7	13.6	3.05
Time (sec)	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	0	0.00
TDS (%)	9.80	10.00	10.50	9.70	11.90	10.40	10.50	10.00	9.60	9.30	10.30	9.90	9.00	9.90	8.30	10.33	12.10	8.30	3.8	0.82
Ext Yield (%)	17.09	18.55	17.01	17.56	17.08	17.47	18.07	17.40	18.62	17.34	17.10	18.23	18.32	18.76	17.64	17.75	19.30	16.92	2.3831	0.65
Brew Ratio	57.3%	53.9%	61.7%	55.2%	69.7%	59.5%	58.1%	57.5%	51.5%	53.6%	60.2%	54.3%	49.1%	52.8%	47.0%	56.1%	69.7%	47.0%	22.6%	0.05

Outliers Removed				
AVG	MAX	MIN	RANGE	STDEV
20	20.2	19.8	0.4	0.10
35	42.3	28.7	13.6	3.04
28	28	28	0	0.00
10.34	12.10	8.30	3.8	0.85
17.98	18.83	17.01	1.817	0.59
57.6%	69.7%	47.0%	22.6%	0.05

Barista Sight/Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Dose (g)	20.2	20	20.1	19.9	20.2	20	19.9	20.1	20	20.1	20	20	19.8	20.2	20
Yield (g)	37	36.7	30.6	33.8	34.1	35.3	37.2	35.9	37.8	39.7	36.8	38	39.6	36.7	34.2
Time (sec)	29	31	32	27	29	31	36	25	26	31	27	28	28	27	26
TDS (%)	9.90	10.30	11.80	10.70	11.60	10.50	9.90	9.90	9.90	9.80	9.60	9.50	9.10	9.80	10.20
Ext Yield (%)	18.13	18.90	17.96	18.17	19.58	18.53	18.51	17.68	18.71	19.36	17.66	18.05	18.20	17.80	17.44
Brew Ratio	54.6%	54.5%	65.7%	58.9%	59.2%	56.7%	53.5%	56.0%	52.9%	50.6%	54.3%	52.6%	50.0%	55.0%	58.5%

Barista Sight/Time	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	AVG	MAX	MIN	RANGE	STDEV
Number	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Dose (g)	20.2	20	20	20.2	20.2	19.9	19.8	20.2	19.9	20	20.2	20.2	20.3	20.2	19.9	20.057	20.3	19.8	0.5	0.14
Yield (g)	38.1	37.8	37.7	36.7	37.1	37.8	37.1	36.7	37	40.2	36.8	37.7	37.9	37.8	39.7	36.983	40.2	30.6	9.6	1.95
Time (sec)	27	26	26	29	29	29	26	27	27	27	26	25	27	26	26	27.867	36	25	11	2.42
TDS (%)	9.60	9.70	9.70	10.20	9.90	9.60	9.90	9.90	9.90	9.20	9.30	9.80	9.70	10.10	9.40	9.95	11.80	9.10	2.7	0.59
Ext Yield (%)	18.11	18.33	18.28	18.53	18.18	18.24	18.55	17.99	18.41	18.49	16.94	18.29	18.11	18.90	18.75	18.27	19.58	16.94	2.6396	0.53
Brew Ratio	53.0%	52.9%	53.1%	55.0%	54.4%	52.6%	53.4%	55.0%	53.8%	49.8%	54.9%	53.6%	53.6%	53.4%	50.1%	53.2%	65.7%	49.8%	15.9%	0.03

Outliers Removed				
AVG	MAX	MIN	RANGE	STDEV
20.05	20.3	19.8	0.5	0.14
37.09	40.2	30.6	9.6	1.94
27.89	36	25	11	2.45
9.91	11.80	9.10	2.7	0.61
18.30	19.36	17.44	1.914	0.52
54.2%	65.7%	49.8%	15.9%	0.03

Flometers/Volumetrics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Dose (g)	20	20	20.4	20.2	20	20.5	19.9	20.1	20	20	20.1	20	20	20.2	20
Bev Weight (g)	37.2	39.9	40	40.5	40.5	40.2	39.2	38.8	37	37.8	40.6	38	40	38.9	39.2
Time (sec)	22	28	26	27	27	29	26	27	25	26	26	25	26	28	28
TDS (%)	9.10	9.90	9.70	9.60	9.60	10.00	9.40	10.10	10.20	9.60	9.60	9.80	9.80	9.60	9.30
Ext Yield (%)	16.93	19.75	19.02	19.25	19.44	19.61	18.52	19.50	18.87	18.14	19.39	18.62	19.60	18.49	18.23
Brew Ratio	53.8%	50.1%	51.0%	49.9%	49.4%	51.0%	50.8%	51.8%	54.1%	52.9%	49.5%	52.6%	50.0%	51.9%	51.0%

Flometers/Volumetrics	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	AVG	MAX	MIN	RANGE	STDEV
Number	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Dose (g)	20.1	20	19.9	19.8	20	20	20	20	20	20	20	20	20	20	20	20.04	20.5	19.8	0.7	0.14
Bev Weight (g)	38.5	38.1	38.5	39.1	38.5	38.3	38.3	39.4	39	38.4	41.6	36.8	40.5	37.6	40.1	39.017	41.6	36.8	4.8	1.19
Time (sec)	28	27	23	23	24	24	28	31	29	27	33	29	29	29	30	27	33	22	11	2.45
TDS (%)	9.90	9.90	9.70	9.60	9.60	9.60	9.60	9.50	9.50	9.70	9.60	10.10	9.80	9.90	9.60	9.70	10.20	9.10	1.1	0.24
Ext Yield (%)	18.96	18.86	18.77	18.96	18.48	18.38	18.38	18.72	18.53	18.62	19.97	18.58	19.85	18.61	19.25	18.86	19.97	16.93	3.042	0.63
Brew Ratio	52.2%	52.5%	51.7%	50.6%	51.9%	52.2%	52.2%	50.8%	51.3%	52.1%	48.1%	54.3%	49.4%	53.2%	49.9%	51.5%	54.3%	48.1%	6.3%	0.02

Outliers Removed				
AVG	MAX	MIN	RANGE	STDEV
20.04	20.5	19.8	0.7	0.14
38.99	40.6	36.8	3.8	1.08
26.96	31	23	8	2.05
9.72	10.20	9.30	0.9	0.22
18.91	19.85	18.14	1.701	0.48
51.4%	54.3%	49.4%	5.0%	0.01

Flometers/Volumetrics 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Dose (g)	20	20	20	20	19.9	20	20	20	20.1	20	20.1	20	20	20	20
Bev Weight (g)	40.3	41	41.3	40.2	40.6	40	40.9	40.6	40.2	38	39	41.3	40.3	40.8	40.7
Time (sec)	30	30	31	30	31	30	31	29	33	30	32	31	30	32	28
TDS (%)	8.97	8.98	8.85	9.33	9.17	9.46	9.10	8.88	9.02	9.83	9.43	8.96	9.17	9.26	9.31
Ext Yield (%)	18.07	18.41	18.28	18.75	18.71	18.92	18.61	18.03	18.04	18.68	18.30	18.50	18.48	18.89	18.95
Brew Ratio	49.6%	48.8%	48.4%	49.8%	49.0%	50.0%	48.9%	49.3%	50.0%	52.6%	51.5%	48.4%	49.6%	49.0%	49.1%

Flometers/Volumetrics 2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	AVG	MAX	MIN	RANGE	STDEV
Number	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Dose (g)	20	20	20	20	20	20	20	20	19.9	20	20	20	20	20	20	20	20.1	19.9	0.2	0.04
Bev Weight (g)	41.3	41.2	41.5	41.7	40.8	40.4	41	40.6	40	40.9	40.7	40.3	40.4	40.8	40.3	40.57	41.7	38	3.7	0.73
Time (sec)	31	27	28	28	28	30	32	29	30	29	29	29	29	30	30	29.9	33	27	6	1.40
TDS (%)	8.81	9.02	8.85	8.92	9.16	9.03	9.44	8.87	9.47	9.08	9.29	9.01	9.36	9.11	9.34	9.15	9.83	8.81	1.02	0.24
Ext Yield (%)	18.19	18.58	18.36	18.60	18.69	18.24	19.35	18.01	19.04	18.57	18.91	18.16	18.91	18.58	18.82	18.60	19.35	18.01	1.3459	0.34
Brew Ratio	48.4%	48.5%	48.2%	48.0%	49.0%	49.5%	48.8%	49.3%	49.8%	48.9%	49.1%	49.6%	49.5%	49.0%	49.6%	49.0%	52.6%	48.0%	4.7%	0.01

Outliers Removed				
AVG	MAX	MIN	RANGE	STDEV
20	20.1	19.9	0.2	0.04
40.55	41.7	38	3.7	0.75
29.86	33	27	6	1.38
9.15	9.83	8.81	1.02	0.24
18.54	19.04	18.03	1.009	0.30