Demo for Analysis Pipeline

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1 Analysis Results

Figure 1: Sensor perforamance scatter plot by unit.
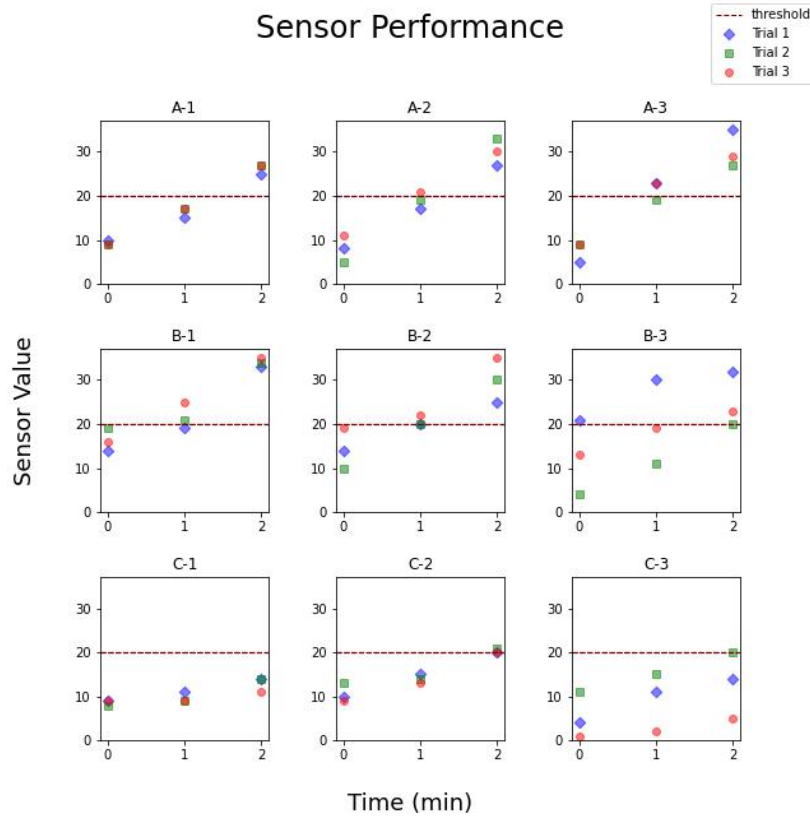
Table 1: Sensor performance descriptive statistics by unit.

Sensor	Unit #	min	max	mean
	1	9	27	17.33
A	2	5	33	19.00
	3	5	35	19.89
	1	14	35	24.00
B	2	10	35	21.67
	3	4	32	19.22
	1	8	14	10.44
C	2	9	21	15.00
	3	1	20	9.22

Table 2: Sensor performance descriptive statistics by sensor.

Sensor	min	max	mean
A	5	35	18.74
B	4	35	21.63
C	1	21	11.56

Table 3: Sensor perforamnce scoring by trail.

Sensor	Unit #	Trial	max	Score
		1	25	Pass
	1	2	27	Pass
		3	27	Pass
		1	27	Pass
A	2	2	33	Pass
		3	30	Pass

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Table 3: Sensor perforamnce scoring by trail.

Sensor	Unit #	Trial	max	Score
		1	35	Pass
	3	2	27	Pass
		3	29	Pass
		1	33	Pass
	1	2	34	Pass
		3	35	Pass
		1	25	Pass
B	2	2	30	Pass
		3	35	Pass
		1	32	Pass
	3	2	20	Pass
		3	23	Pass
		1	14	Fail
	1	2	14	Fail
		3	11	Fail
		1	20	Pass
C	2	2	21	Pass
		3	20	Pass
		1	14	Fail
	3	2	20	Pass
		3	5	Fail

Table 4: Sensor perforamnce scoring by unit.

Sensor	Unit #	Trials	Score
A	1	3/3	Pass
A	2	3/3	Pass
A	3	3/3	Pass
B	1	3/3	Pass
B	2	3/3	Pass
B	3	3/3	Pass
C	1	0/3	Fail
C	2	3/3	Pass
C	3	1/3	Fail

Table 5: Sensor perforamnce scoring by trail.

Sensor	Trials By Unit	Trials Total	Units	Score
A	3/3; 3/3; 3/3	9/9	3/3	Pass
B	3/3; 3/3; 3/3	9/9	3/3	Pass
C	0/3; 3/3; 1/3	4/9	1/3	Fail

Table 6: Sensor performance descriptive statistics by unit. (lines style)

Sensor	Unit #	min	max	mean
A	1	9	27	17.33
A	2	5	33	19.00
A	3	5	35	19.89
B	1	14	35	24.00
B	2	10	35	21.67
B	3	4	32	19.22

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Table 6: Sensor performance descriptive statistics by unit. (lines style)

Sensor	Unit #	min	max	mean
C	1	8	14	10.44
	2	9	21	15.00
	3	1	20	9.22

Table 7: Sensor performance descriptive statistics by sensor. (lines style)

Sensor	min	max	mean
A	5	35	18.74
B	4	35	21.63
C	1	21	11.56

Table 8: Sensor perforamnce scoring by trail. (lines style)

Sensor	Unit #	Trial	max	Score
A	1	1	25	Pass
		2	27	Pass
		3	27	Pass
	2	1	27	Pass
		2	33	Pass
		3	30	Pass
	3	1	35	Pass
		2	27	Pass
		3	29	Pass
	1	1	33	Pass
		2	34	Pass
		3	35	Pass

B

Table 8: Sensor perforamnce scoring by trail. (lines style)

Sensor	Unit #	Trial	max	Score
	2	1	25	Pass
		2	30	Pass
		3	35	Pass
	3	1	32	Pass
		2	20	Pass
		3	23	Pass
C	1	1	14	Fail
		2	14	Fail
		3	11	Fail
	2	1	20	Pass
		2	21	Pass
		3	20	Pass
	3	1	14	Fail
		2	20	Pass
		3	5	Fail

Table 9: Sensor perforamnce scoring by unit. (lines style)

Sensor	Unit #	Trials	Score
A	1	3/3	Pass
	2	3/3	Pass
	3	3/3	Pass
B	1	3/3	Pass
	2	3/3	Pass
	3	3/3	Pass
C	1	0/3	Fail
	2	3/3	Pass
	3	1/3	Fail

Table 10: Sensor perforamnce scoring by trail. (lines style)

Sensor	Trials By Unit	Trials Total	Units	Score
A	3/3; 3/3; 3/3	9/9	3/3	Pass
B	3/3; 3/3; 3/3	9/9	3/3	Pass
C	0/3; 3/3; 1/3	4/9	1/3	Fail