

1. Across 32 cases, variations in two time points (“no changes (15 min)” condition) by the reader.

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tabstat pcdistance21 pcbimanual21 pcvolume21 ,by( reader) stat(n mean
sd) format(%7.2f)
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Summary statistics: **N, mean, sd**
by categories of: reader (Reader)

reader	reader variation,%			absolute reader variation,%		
	pcdis~21	pcbim~21	pcvo~e21	apcdi~21	apcb~l21	apcv~e21
1	32.00	32.00	32.00	32.00	32.00	32.00
	17.02	37.71	77.78	21.41	45.41	87.22
	37.33	115.56	213.81	34.92	112.66	210.01
2	32.00	32.00	32.00	32.00	32.00	32.00
	8.39	25.98	38.71	16.96	32.95	49.26
	28.13	88.18	135.82	23.81	85.74	132.25
3	32.00	32.00	32.00	32.00	32.00	32.00
	0.19	5.77	-4.94	8.28	18.88	13.16
	12.77	26.36	20.74	9.61	19.01	16.63
4	32.00	32.00	32.00	32.00	32.00	32.00
	2.46	2.23	10.49	9.82	19.06	18.90
	14.60	27.55	26.85	10.95	19.73	21.59
5	32.00	32.00	32.00	32.00	32.00	32.00
	1.13	4.40	2.91	7.73	15.70	21.60
	12.15	20.48	35.34	9.34	13.61	27.86
Total	160.00	160.00	160.00	160.00	160.00	160.00
	5.84	15.22	24.99	12.84	26.40	38.03
	23.83	68.45	117.88	20.88	64.94	114.32

2. Across 5 reader, variations in two time points (“no changes (15 min)” condition) by the case

Difficult: had a 5 rating in some category from Mike M-G

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. tabstat pcdistance21 pcbimanual21 pcvolume21 if mng_type=="difficult" ,by( subject)
stat(n mean sd) format(%7.2f)
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Summary statistics: **N, mean, sd**
by categories of: subject (Subject)

	reader variation,%			absolute reader variation,% 		
subject	pcdis~21	pcbim~21	pcvo~e21	apcdi~21	apcb~l21	apcv~e21
2	5.00	5.00	5.00	5.00	5.00	5.00
	-2.30	-2.77	-35.11	11.45	20.40	47.11
	18.65	29.44	42.34	13.80	18.87	23.64
4	5.00	5.00	5.00	5.00	5.00	5.00
	-0.33	6.09	-4.92	2.84	8.85	4.92
	3.35	11.09	3.14	1.15	8.46	3.14
9	5.00	5.00	5.00	5.00	5.00	5.00
	1.52	-4.16	-6.59	1.52	6.55	16.53
	1.53	7.42	28.79	1.53	4.80	23.27
11	5.00	5.00	5.00	5.00	5.00	5.00
	4.62	2.01	7.65	4.62	7.99	8.27
	4.21	10.38	9.25	4.21	5.74	8.55
15	5.00	5.00	5.00	5.00	5.00	5.00
	20.24	26.03	18.57	27.51	33.70	22.78
	23.38	37.74	25.37	10.60	29.17	20.64
17	5.00	5.00	5.00	5.00	5.00	5.00
	-15.64	-27.56	-3.45	15.64	27.56	12.22
	8.78	11.74	15.25	8.78	11.74	7.81
18	5.00	5.00	5.00	5.00	5.00	5.00
	57.61	232.47	299.56	57.61	232.47	319.68
	67.14	285.23	435.62	67.14	285.23	417.36
19	5.00	5.00	5.00	5.00	5.00	5.00
	16.84	36.57	95.46	17.98	42.25	102.01
	13.64	35.61	124.11	11.68	26.62	117.43
21	5.00	5.00	5.00	5.00	5.00	5.00
	28.31	39.24	4.59	31.64	48.12	7.95
	48.62	65.55	7.92	45.98	57.68	3.18
22	5.00	5.00	5.00	5.00	5.00	5.00
	14.78	-0.33	0.66	23.75	14.52	11.64
	40.20	20.59	18.13	34.41	12.66	12.64
23	5.00	5.00	5.00	5.00	5.00	5.00
	4.73	20.53	-1.87	12.52	22.04	19.30
	18.89	19.40	25.43	13.74	17.21	13.63
26	5.00	5.00	5.00	5.00	5.00	5.00
	12.72	0.00	14.13	12.72	14.00	14.13
	8.22	21.16	8.81	8.22	14.24	8.81
28	5.00	5.00	5.00	5.00	5.00	5.00
	-3.00	2.86	-8.82	5.32	8.44	11.21
	5.86	10.71	10.95	3.18	5.99	7.74
29	5.00	5.00	5.00	5.00	5.00	5.00
	-1.11	17.35	28.05	3.46	18.02	28.05
	4.84	16.45	14.52	3.17	15.52	14.52

32	5.00	5.00	5.00	5.00	5.00	5.00
	-11.24	17.69	143.43	14.57	31.47	172.69
	17.66	35.88	361.63	14.29	21.00	345.27
Total	75.00	75.00	75.00	75.00	75.00	75.00
	8.52	24.40	36.76	16.21	35.76	53.23
	29.54	91.75	159.12	26.07	87.89	154.33

Moderate: 4 or small size

```
tabstat pcdistance21 pcbimanual21 pcvolume21 if mng_type=="moderate" ,by( subject) stat(n
mean sd) format(%7.2f)
```

Summary statistics: **N, mean, sd**
by categories of: subject (Subject)

	<i>reader variation,%</i>			<i>absolute reader variation,% </i>		
subject	pcdis~21	pcbim~21	pcvo~e21	apcdi~21	apcb~l21	apcv~e21
1	5.00	5.00	5.00	5.00	5.00	5.00
	12.31	6.72	1.48	13.69	12.61	15.02
	16.56	13.16	20.36	15.14	5.54	11.63
8	5.00	5.00	5.00	5.00	5.00	5.00
	9.18	14.23	22.21	18.51	25.65	22.21
	20.20	29.57	20.78	9.22	17.46	20.78
12	5.00	5.00	5.00	5.00	5.00	5.00
	15.23	48.76	76.58	21.13	76.39	110.93
	42.51	132.95	202.70	39.22	115.57	181.76
13	5.00	5.00	5.00	5.00	5.00	5.00
	17.45	17.26	84.26	17.45	26.12	97.88
	11.84	34.60	98.91	11.84	26.76	81.75
25	5.00	5.00	5.00	5.00	5.00	5.00
	-7.05	3.00	29.57	32.97	29.38	59.90
	42.38	36.63	105.57	22.34	16.55	88.05
Total	25.00	25.00	25.00	25.00	25.00	25.00
	9.42	17.99	42.82	20.75	34.03	61.19
	28.57	61.79	107.49	21.45	54.30	97.79

EASY: <4 and moderate size

```
. tabstat pcdistance21 pcbimanual21 pcvolume21 if mng_type=="easy" ,by( subject) stat(n
mean sd) format(%7.2f)
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Summary statistics: **N, mean, sd**
by categories of: subject (Subject)

	<i>reader variation,%</i>			<i>absolute reader variation,% </i>		
subject	pcdis~21	pcbim~21	pcvo~e21	apcdi~21	apcb~l21	apcv~e21
3	5.00	5.00	5.00	5.00	5.00	5.00
	2.10	17.61	9.19	5.17	18.61	13.50
	9.59	18.15	19.28	8.00	16.85	15.79
5	5.00	5.00	5.00	5.00	5.00	5.00
	5.07	12.27	-2.89	5.07	12.27	4.16
	3.90	6.26	4.58	3.90	6.26	3.13

6	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	0.54	-0.76	-0.53	2.02	4.48	4.57	
	2.92	5.32	5.29	1.95	1.99	1.52	
7	5.00	5.00	5.00	5.00	5.00	5.00	
	-5.15	-14.07	0.87	6.30	14.07	1.15	
	5.83	8.19	1.34	4.20	8.19	1.03	
10	5.00	5.00	5.00	5.00	5.00	5.00	
	0.74	0.95	-1.69	0.74	3.77	5.63	
	1.66	4.24	6.79	1.66	1.18	3.16	
14	5.00	5.00	5.00	5.00	5.00	5.00	
	8.94	6.51	7.65	13.39	11.91	16.16	
	15.19	16.90	17.17	10.32	12.69	6.44	
16	5.00	5.00	5.00	5.00	5.00	5.00	
	0.41	-3.79	3.00	6.41	13.35	6.29	
	8.52	17.90	6.45	4.64	10.76	1.84	
20	5.00	5.00	5.00	5.00	5.00	5.00	
	-0.79	0.16	-7.87	5.14	3.72	7.87	
	7.04	4.41	1.41	4.17	1.48	1.41	
24	5.00	5.00	5.00	5.00	5.00	5.00	
	-1.97	2.37	-2.23	3.75	10.80	14.89	
	4.22	15.43	20.38	2.26	9.97	12.01	
27	5.00	5.00	5.00	5.00	5.00	5.00	
	4.35	17.29	7.72	4.35	20.69	9.77	
	5.02	18.85	7.57	5.02	13.93	3.54	
30	5.00	5.00	5.00	5.00	5.00	5.00	
	-3.63	-9.18	12.54	10.34	18.96	18.53	
	14.19	23.58	26.49	9.18	14.57	21.67	
31	5.00	5.00	5.00	5.00	5.00	5.00	
	1.32	1.62	8.46	1.32	5.60	9.92	
	1.96	7.28	13.84	1.96	4.14	12.56	
Total	60.00	60.00	60.00	60.00	60.00	60.00	
	0.99	2.58	2.85	5.33	11.52	9.37	
	8.06	15.61	13.53	6.09	10.75	10.10	