Table F.3 Data set 1 calculations

	Target Properties	erties				Projecti	<b>Projectile Properties</b>	ties		Penetration (mm)	on (mm)	
Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	No.	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
A	20	250	829	5.56	1	A.5.1	0.0040	2.78	824.50	16.82	6.14	0.37
A	20	250	829	5.56	2	A.5.2	0.0040	2.78	821.15	16.68	7.23	0.43
A	20	250	829	5.56	3	A.5.3	0.0040	2.78	818.10	16.56	7.03	0.42
A	20	250	829	5.56	4	A.5.4	0.0040	2.78			5.28	
A	20	250	829	5.56	5	A.5.5	0.0040	2.78			7.26	
A	20	250	829	5.56	9	A.5.6	0.0040	2.78	822.06	16.72	80.9	0.36
A	20	250	829	5.56	7	A.5.7	0.0040	2.78	815.66	16.46	7.51	0.46
A	20	250	829	5.56	8	A.5.8	0.0040	2.78			7.05	
A	20	250	829	5.56	6	A.5.9	0.0040	2.78			7.25	
A	20	250	829	5.56	10	A.5.10	0.0040	2.78			6.27	
В	20	250	859	5.56	1	B.5.1	0.0040	2.78	813.53	16.38		
В	20	250	829	5.56	2	B.5.2	0.0040	2.78	856.68	17.04	7.31	0.43
В	20	250	829	5.56	3	B.5.3	0.0040	2.78	826.33	16.89	7.35	0.44
В	20	250	829	5.56	4	B.5.4	0.0040	2.78	814.74	16.42		
В	20	250	829	5.56	5	B.5.5	0.0040	2.78	813.22	16.36		
В	20	250	829	5.56	9	B.5.6	0.0040	2.78	824.50	16.82	6.51	0.39
В	20	250	829	5.56	7	B.5.7	0.0040	2.78	816.88	16.51	7.54	0.46
В	20	250	658	5.56	8	B.5.8	0.0040	2.78	810.17	16.24	6.60	0.41
В	20	250	829	5.56	6	B.5.9	0.0040	2.78	818.71	16.58	7.21	0.43
В	20	250	658	5.56	10	B.5.10	0.0040	2.78	811.39	16.29		
Observed variability	ıriability	mean	6.85	S	std. dev.	0.64	ΛΟΟ	0.093			COUNT	11
Model error		mean	0.41/	S	std. dev.	0.033	202	0.079				

Table F.4 Data set 2 calculations

	<b>Target Properties</b>	erties				Project	<b>Projectile Properties</b>	rties		Penetration (mm)	lon (mm)	
Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	No.	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
A	20	250	829	7.62	1	A.7.1	9600'0	3.91	782.74	18.52	6.14	0.33
A	20	250	658	7.62	2	A.7.2	9600.0	3.91	776.64	18.23	6.45	0.35
A	20	250	658	7.62	3	A.7.3	9600.0	3.91	80.677	18.34	6.26	0.34
A	20	250	829	7.62	4	A.7.4	9600.0	3.91	763.23	17.60	5.86	0.33
A	20	250	658	7.62	5	A.7.5	9600.0	3.91	770.85	17.96	6.07	0.34
A	20	250	658	7.62	9	A.7.6	9600.0	3.91	774.51	18.13	5.63	0.31
A	20	250	658	7.62	7	A.7.7	9600'0	3.91	770.54	17.94	5.99	0.33
A	20	250	658	7.62	8	A.7.8	9600.0	3.91	770.24	17.93	5.62	0.31
A	20	250	658	7.62	6	A.7.9	9600.0	3.91			5.85	
A	20	250	658	7.62	10	A.7.10	9600.0	3.91	774.51	18.13	5.97	0.33
A	20	250	658	7.62	11	A.7.11	0.0096	3.91	766.28	17.75	5.81	0.33
A	20	250	658	7.62	12	A.7.12	0.0096	3.91	780.60	18.41	6.32	0.34
A	20	250	658	7.62	13	A.7.13	0.0096	3.91			5.68	
В	20	250	658	7.62	1	B.7.1	9600.0	3.91	779.08	18.34	6.15	0.34
В	20	250	658	7.62	2	B.7.2	9600.0	3.91	776.03	18.20	6.32	0.35
В	20	250	658	7.62	3	B.7.3	9600'0	3.91	776.95	18.24	6:36	0.35
В	20	250	658	7.62	4	B.7.4	0.0096	3.91	778.16	18.30		
В	20	250	658	7.62	5	B.7.5	0.0096	3.91	772.37	18.03	6.19	0.34
В	20	250	658	7.62	9	B.7.6	9600.0	3.91	781.21	18.44	6.52	0.35
В	20	250	658	7.62	7	B.7.7	0.0096	3.91	771.15	17.97		
В	20	250	658	7.62	8	B.7.8	0.0096	3.91	773.29	18.07		
В	20	250	658	7.62	6	B.7.9	0.0096	3.91	781.21	18.44	6.20	0.34
В	20	250	658	7.62	10	B.7.10	0.0096	3.91	770.54	17.94	6.23	0.35

B	20	250	658 658	7.62	11 12	B.7.11 B.7.12	B.7.11 0.0096 3.91   B.7.12 0.0096 3.91	3.91	755.00 755.00	17.23		
Observed variability Model error	riability	mean 6 mean 0	6.08 0.337	std. dev. std. dev.	0.27 0.012	A00 A00	0.045				COUNT	18

Table F.5 Data set 3 calculations

	Target Properties	erties				Projecti	<b>Projectile Properties</b>	ties		Penetration (mm)	on (mm)	
Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	No.	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
C	20	350	458	5.56	7	C.5.1	0.0040	2.78	821.75	22.46	8.26	0.37
)	20	350	458	5.56	2	C.5.2	0.0040	2.78	815.05	22.10	7.26	0.33
)	20	350	458	5.56	3	C.5.3	0.0040	2.78	807.73	21.70		
)	20	350	458	5.56	4	C.5.4	0.0040	2.78	814.44	22.07	7.04	0.32
)	20	350	458	5.56	5	C.5.5	0.0040	2.78	803.16	21.46	68'9	0.30
3	20	350	458	5.56	9	C.5.6	0.0040	2.78			7.32	
)	20	350	458	5.56	7	C.5.7	0.0040	2.78	806.51	21.64	7.75	0.36
)	20	350	458	5.56	8	C.5.8	0.0040	2.78	822.36	22.50	8.18	0.36
)	20	350	458	5.56	6	C.5.9	0.0040	2.78	811.70	21.92	9:22	0.30
)	20	350	458	5.56	10	C.5.10	0.0040	2.78	812.92	21.98	7.85	0.36
Q	20	350	458	5.56	1	D.5.1	0.0040	2.78			11.10	
Q	20	350	458	5.56	2	D.5.2	0.0040	2.78			7.35	
Q	20	350	458	5.56	3	D.5.3	0.0040	2.78			8.29	
Q	20	350	458	5.56	4	D.5.4	0.0040	2.78	815.35	22.12	7.40	0.33
D	20	350	458	5.56	5	D.5.5	0.0040	2.78	820.84	22.41	29.7	0.34

					ı
		0.37	98.0		
7.58	7.22	98.9	8.11		
		18.79	22.33	22.23	
		751.65	819.32	817.49	
2.78	2.78	2.78	2.78	2.78	
0.0040	0.0040	0.0040	0.0040	0.0040	
D.5.6	D.5.7	D.5.8	D.5.9	D.5.10	
9	7	8	6	10	
5.56	5.56	5.56	5.56	5.56	
458	458	458	458	458	
350	350	350	350	350	
20	20	20	20	20	
D	D	D	D	D	

0.133 000 COV std. dev. 1.02 std. dev. 0.026 7.68 0.341 mean mean Observed variability Model error

Table F.6 Data set 4 calculations

	<b>Target Properties</b>	erties				Projecti	<b>Projectile Properties</b>	ties		Penetration (mm)	on (mm)	
Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	No.	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
J	20	350	458	7.62	1	C.7.1	9600.0	3.91			6.45	
C	20	350	458	7.62	2	C.7.2	9600.0	3.91			5.98	
Э	20	320	458	7.62	3	C.7.3	9600'0	3.91	761.71	23.57	6.18	0.26
C	20	350	458	7.62	4	C.7.4	9600'0	3.91	766.28	23.86		
C	20	320	458	7.62	5	C.7.5	9600'0	3.91	764.14	23.73	6.33	0.27
Э	20	320	458	7.62	9	9.7.3	9600'0	3.91	769.93	24.09	6.37	0.26
С	20	350	458	7.62	7	C.7.7	9600'0	3.91	771.76	24.20	6.33	0.26
Э	20	350	458	7.62	8	C.7.8	9600'0	3.91	771.76	24.20	6.32	0.26
С	20	320	458	7.62	6	C.7.9	9600'0	3.91	775.42	24.43	6.11	0.25
C	20	350	458	7.62	10	C.7.10	9600'0	3.91	781.82	24.84	6.14	0.25
С	20	350	458	7.62	11	C.7.11	9600'0	3.91	781.82	24.84	6.17	0.25
C	20	350	458	7.62	12	C.7.12	9600'0	3.91	781.82	24.84	6.02	0.24

		, ,									
	0.26	0.26	0.27	0.24	0.27	0.25	0.31	0.25	0.24	0.24	0.25
	6.04	6.37	6.43	5.78	6.47	6.18	6.23	6.19	5.91	5.84	6.03
24.24	23.63	24.18	24.18	23.67	24.32	24.33	20.35	24.57	24.12	24.32	24.55
772.37	762.62	771.46	771.46	763.23	773.59	773.90	707.76	777.55	770.54	773.59	777.25
3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91	3.91
9600.0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0	9600'0
D.7.1	D.7.2	D.7.3	D.7.4	D.7.5	D.7.6	D.7.7	D.7.8	D.7.9	D.7.10	D.7.11	D.7.12
1	2	8	4	2	9	2	8	6	10	11	12
7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62
458	458	458	458	458	458	458	458	458	458	458	458
350	350	350	350	350	350	350	350	350	350	350	350
20	20	20	20	20	20	20	20	20	20	20	20
D	D	D	D	D	D	D	D	D	D	D	D

0.032 VOO std. dev. 0.20 std. dev. 0.015 6.17 0.257 mean mean Observed variability Model error

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Table F.7 Data set 5 calculations

T						
	Model Error	0.48		0.46	0.51	
lon (mm)	Observed	8.12		7.76	8.12	7.75
Penetration (mm)	Predicted	16.89	16.29	16.83	15.97	
	Estimated Impact Velocity (m/s)	826.33	811.39	824.80	803.47	
ties	Radius (mm)	2.78	2.78	2.78	2.78	2.78
Projectile Properties	Mass (kg)	0.0040	0.0040	0.0040	0.0040	0.0040
Projecti	Identifier	E.5.1	E.5.2	E.5.3	E.5.4	E.5.5
	No.	1	2	3	4	2
	Calibre (mm)	5.56	5.56	5.56	5.56	5.56
	Yield Strength (MPa)	658	658	658	658	658
erties	Grade (MPa)	250	250	250	250	250
<b>Target Properties</b>	Thickness (mm)	25	25	25	25	25
	Identifier	Э	Э	Ξ	Э	3

ш	25	250	658	5.56	9	E.5.6	0.0040	2.78	823.58	16.78	7.59	0.45
ш	25	250	658	5.56	7	E.5.7	0.0040	2.78			86.8	
Э	25	250	658	5.56	8	E.5.8	0.0040	2.78			8.14	
Э	25	250	658	5.56	6	E.5.9	0.0040	2.78			80'8	
Э	25	250	658	5.56	10	E.5.10	0.0040	2.78			8.81	
H	25	250	658	5.56	1	F.5.1	0.0040	2.78				
F	25	250	658	5.56	2	F.5.2	0.0040	2.78	804.08	16.00		
Ţ	25	250	658	5.56	3	F.5.3	0.0040	2.78	824.50	16.82	6.43	0.38
F	25	250	658	5.56	4	F.5.4	0.0040	2.78	826.63	16.91	8.21	0.49
F	25	250	658	5.56	2	F.5.5	0.0040	2.78	822.97	16.76	8.23	0.49
F	25	250	658	5.56	9	F.5.6	0.0040	2.78	809.26	16.20	8.16	0.50
F	25	250	658	5.56	7	F.5.7	0.0040	2.78	800.42	15.85	10.07	0.64
F	25	250	658	5.56	8	F.5.8	0.0040	2.78	817.49	16.54	8.13	0.49
F	25	250	658	5.56	6	F.5.9	0.0040	2.78	809.87	16.23	8.71	0.54
F	25	250	658	5.56	10	F.5.10	0.0040	2.78	828.16	16.97	7.63	0.45

0.092	0.122
COV	000
0.75	090.0
std. dev.	std. dev.
8.17	0.490
mean	mean
Observed variability	Model error

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Table F.8 Data set 6 calculations

	Model Error		0.38
on (mm)	Observed	6.47	6.76
Penetration (mm)	Predicted Observed		17.80
	Estimated Impact Velocity (m/s)		767.50
ties	Radius (mm)	3.91	3.91
Projectile Properties	Mass (kg)	0.0096 3.91	0.0096 3.91
Projecti	Identifier	E.7.1	E.7.2
	No.	1	2
	Calibre (mm)	7.62	7.62
	Yield Strength (MPa)	658	658
erties	Grade (MPa)	250	250
Target Properties	Thickness Grade (mm)	25	25
	Identifier	н	Э

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н	25	250	658	7.62	3	E.7.3	9600.0	3.91	765.67	17.72	6.42	0.36
Ε	25	250	658	7.62	4	E.7.4	9600.0	3.91	776.95	18.24	82'9	0.37
Э	25	250	658	7.62	2	E.7.5	9600.0	3.91	759.88	17.45	22'9	0.39
Ε	25	250	658	7.62	9	E.7.6	9600'0	3.91	763.53	17.62	6.47	0.37
Ε	25	250	658	7.62	7	E.7.7	9600.0	3.91	763.53	17.62	6.32	0.36
Ε	25	250	658	7.62	8	E.7.8	9600.0	3.91	767.80	17.82	94.9	0.36
Ε	25	250	658	7.62	6	E.7.9	9600'0	3.91	754.39	17.20	6.46	0.38
Е	25	250	658	7.62	10	E.7.10	9600.0	3.91	762.92	17.59	6.20	0.35
Ε	25	250	658	7.62	11	E.7.11	9600.0	3.91	772.68	18.04	9.75	0.37
Ε	25	250	658	7.62	12	E.7.12	9600.0	3.91	765.36	17.70	28.9	0.36
拓	25	250	658	7.62	1	F.7.1	9600'0	3.91			6.94	
F	25	250	658	7.62	2	F.7.2	9600.0	3.91	698.31	14.74	6.93	0.47
F	25	250	658	7.62	3	F.7.3	9600.0	3.91	761.10	17.51	62'9	0.38
ഥ	25	250	829	7.62	4	F.7.4	9600'0	3.91	767.50	17.80	6.54	0.37
F	25	250	658	7.62	2	F.7.5	9600'0	3.91			6.74	
F	25	250	658	7.62	9	F.7.6	9600.0	3.91	709.58	15.22	6.61	0.43
F	25	250	658	7.62	7	F.7.7	9600.0	3.91	756.83	17.31	89'9	0.39
F	25	250	658	7.62	8	F.7.8	9600'0	3.91	762.62	17.58		
F	25	250	658	7.62	6	F.7.9	9600.0	3.91	772.68	18.04	62'9	0.38
Ŧ	25	250	658	7.62	10	F.7.10	0.0096	3.91				
F	25	250	658	7.62	11	F.7.11	0.0096	3.91				
Ľ	25	250	658	7.62	12	F.7.12	9600.0	3.91				

Table F.9 Data set 7 calculations

	<b>Target Properties</b>	erties				Projectil	<b>Projectile Properties</b>	ies		Penetration (mm)	ion (mm)	
Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	Number	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
Ŋ	25	320	458	5.56	1	G.5.1	0.0040	2.78	822.36	22.50		
G	25	350	458	5.56	2	G.5.2	0.0040	2.78	815.66	22.13	8.05	0.36
Ŋ	25	320	458	5.56	3	G.5.3	0.0040	2.78	804.38	21.52	6.71	0.31
Ð	25	350	458	5.56	4	G.5.4	0.0040	2.78	808.95	21.77	7.22	0.33
Ð	25	350	458	5.56	5	G.5.5	0.0040	2.78	810.78	21.87	8.39	0.38
Ŋ	25	320	458	5.56	9	6.5.6	0.0040	2.78	804.08	21.51	7.19	0.33
Ð	25	320	458	5.56	7	G.5.7	0.0040	2.78	815.05	22.10	7.35	0.33
Ð	25	320	458	5.56	8	6.5.8	0.0040	2.78			8.39	
G	25	350	458	5.56	6	6.5.9	0.0040	2.78	817.18	22.21	7.52	0.34
Ŋ	25	320	458	5.56	10	G.5.10	0.0040	2.78	829.37	22.88	8.34	0.36
Н	25	320	458	5.56	1	H.5.1	0.0040	2.78				
Н	25	350	458	5.56	2	H.5.2	0.0040	2.78				
Н	25	350	458	5.56	3	H.5.3	0.0040	2.78			6.38	
Н	25	320	458	5.56	4	H.5.4	0.0040	2.78			7.92	
Н	25	320	458	5.56	2	H.5.5	0.0040	2.78			7.32	
Н	25	350	458	5.56	9	H.5.6	0.0040	2.78			6.02	
Н	25	350	458	5.56	7	H.5.7	0.0040	2.78			6.90	
Н	25	350	458	5.56	8	H.5.8	0.0040	2.78	821.45	22.45	6.71	0.30
Н	25	350	458	5.56	6	H.5.9	0.0040	2.78	822.36	22.50	8.12	0.36
Н	25	350	458	5.56	10	H.5.10	0.0040	2.78			8.52	
Observed variability Model error	ıriability	mean mean	7.47 0.342	std. dev. std. dev.	0.77 0.026	000 A00	0.103 0.076				COUNT	10

Table F.10 Data set 8 calculations

Identifier     Thickness     Grade Grade Grade Grant (MPa)     Cultifier     Mass (MPa) (MPa) (MPa)     No. Identifier (Mpa) (Mp		Target Properties	erties				Projectil	<b>Projectile Properties</b>	ies		Penetration (mm)	ion (mm)	
25     350     458     7.62     1     G.7.1     0.0096     3.91     754.69     23.14     6.17       25     350     458     7.62     2     G.72     0.0096     3.91     755.60     23.14     6.17       25     350     458     7.62     4     G.7.4     0.0096     3.91     755.30     23.18     6.15       25     350     458     7.62     4     G.7.4     0.0096     3.91     758.30     6.06       25     350     458     7.62     6     G.7.6     0.0096     3.91     768.41     23.99     6.15       25     350     458     7.62     6     G.7.6     0.0096     3.91     767.19     2.39     6.16       25     350     458     7.62     1     G.7.9     0.0096     3.91     771.15     2.401     6.10       25     350     458     7.62     1     G.7.1     0.0096     3.91     771.15     24.01     6.10	Identifier	Thickness (mm)	Grade (MPa)	Yield Strength (MPa)	Calibre (mm)	No.	Identifier	Mass (kg)	Radius (mm)	Estimated Impact Velocity (m/s)	Predicted	Observed	Model Error
25     350     458     7.62     2     6.72     0.0096     3.91     754.69     23.14     6.17       25     350     458     7.62     3     6.73     0.0096     3.91     755.30     23.18     6.15       25     350     458     7.62     6     6.75     0.0096     3.91     768.41     23.93     6.05       25     350     458     7.62     6     6.75     0.0096     3.91     773.59     6.26     6.26       25     350     458     7.62     8     6.75     0.0096     3.91     773.59     6.26     6.26       25     350     458     7.62     8     6.75     0.0096     3.91     76.19     6.36     6.26       25     350     458     7.62     9     6.73     0.0096     3.91     76.71     6.0096     3.91     76.71     6.0096     3.91     76.71     6.0096     3.91     76.71     6.26     6.27     6.27     0.0096	Ð	25	350	458	7.62	1	G.7.1	9600.0	3.91				
25     350     458     7.62     3     6.73     0.0096     3.91     755.30     23.18     6.15       25     350     458     7.62     4     6.74     0.0096     3.91     698.00     19.80     6.05       25     350     458     7.62     5     6.75     0.0096     3.91     698.00     19.80     6.06       25     350     458     7.62     6     6.75     0.0096     3.91     767.19     23.99     6.05       25     350     458     7.62     8     6.73     0.0096     3.91     767.19     23.93     6.06       25     350     458     7.62     9     6.79     0.0096     3.91     767.19     2.39     6.26       25     350     458     7.62     10     6.71     0.0096     3.91     767.50     2.401     6.01       25     350     458     7.62     10     6.71     0.0096     3.91     767.50     23.91	Ð	25	350	458	7.62	2	G.7.2	9600.0	3.91	754.69	23.14	6.17	0.27
25     350     458     7.62     4     6.74     0.0096     3.91     698.00     19.80     6.03       25     350     458     7.62     5     6.75     0.0096     3.91     698.00     19.80     6.06       25     350     458     7.62     6     6.76     0.0096     3.91     768.41     2.39     6.06       25     350     458     7.62     9     6.77     0.0096     3.91     767.19     23.93     6.04       25     350     458     7.62     9     6.79     0.0096     3.91     767.10     2.39     6.04       25     350     458     7.62     10     6.70     0.0096     3.91     767.10     2.39     6.04       25     350     458     7.62     10     6.71     0.0096     3.91     767.10     2.39     6.04       25     350     458     7.62     12     6.71     0.0096     3.91     768.72     24.01	Ð	25	350	458	7.62	3	G.7.3	9600'0	3.91	755.30	23.18	6.15	0.27
25     350     458     7.62     6.75     0.0096     3.91     698.00     19.80     6.06       25     350     458     7.62     6     6.7.6     0.0096     3.91     768.41     23.99     6.12       25     350     458     7.62     6     6.7.7     0.0096     3.91     768.41     23.99     6.12       25     350     458     7.62     8     6.78     0.0096     3.91     767.19     6.39     6.04       25     350     458     7.62     10     6.79     0.0096     3.91     767.50     23.93     6.04       25     350     458     7.62     11     6.71     0.0096     3.91     767.50     24.01     6.01       25     350     458     7.62     1     6.71     0.0096     3.91     768.72     24.01     6.01       25     350     458     7.62     1     6.71     0.0096     3.91     768.72     24.01     6.01 <td>Ð</td> <td>25</td> <td>350</td> <td>458</td> <td>7.62</td> <td>4</td> <td>G.7.4</td> <td>9600'0</td> <td>3.91</td> <td></td> <td></td> <td>6.33</td> <td></td>	Ð	25	350	458	7.62	4	G.7.4	9600'0	3.91			6.33	
25     350     458     7.62     6     G.7.6     0.0096     3.91     768.41     23.99     6.12       25     350     458     7.62     7     G.7.7     0.0096     3.91     773.59     24.32     6.26       25     350     458     7.62     8     G.7.8     0.0096     3.91     767.19     23.91     6.26       25     350     458     7.62     10     G.7.9     0.0096     3.91     767.50     23.93     6.04       25     350     458     7.62     10     G.7.10     0.0096     3.91     767.50     23.93     6.04       25     350     458     7.62     1     G.7.11     0.0096     3.91     768.72     24.01     6.01       25     350     458     7.62     1     H.7.1     0.0096     3.91     768.72     24.01     6.01       25     350     458     7.62     1     H.7.2     0.0096     3.91     778.16     2.0	Ð	25	350	458	7.62	2	G.7.5	9600.0	3.91	698.00	19.80	90'9	0.31
25     350     458     7.62     7     G.7.7     0.0096     3.91     773.59     24.32     6.26       25     350     458     7.62     8     G.7.8     0.0096     3.91     767.19     23.91     6.25       25     350     458     7.62     9     G.7.9     0.0096     3.91     767.19     23.91     6.04       25     350     458     7.62     10     G.7.10     0.0096     3.91     767.15     24.10     6.01       25     350     458     7.62     1     G.7.11     0.0096     3.91     768.72     24.01     6.01       25     350     458     7.62     1     G.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     2     H.7.2     0.0096     3.91     778.16     24.	Ð	25	350	458	7.62	9	6.7.6	9600'0	3.91	768.41	23.99	6.12	0.26
25     350     458     7.62     8     6.7.8     0.0096     3.91     767.10     23.91     6.35       25     350     458     7.62     9     6.7.9     0.0096     3.91     767.50     23.93     6.04       25     350     458     7.62     10     6.7.10     0.0096     3.91     771.15     24.16     6.01       25     350     458     7.62     11     6.7.11     0.0096     3.91     768.72     24.01     6.01       25     350     458     7.62     1     6.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.2     0.0096     3.91     778.16     6.10       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     6.10  <	Ð	25	350	458	7.62	7	G.7.7	9600.0	3.91	773.59	24.32	6.26	0.26
25     350     458     7.62     9     G.7.9     0.0096     3.91     767.50     23.93     6.04       25     350     458     7.62     10     G.7.10     0.0096     3.91     771.15     24.16     6.01       25     350     458     7.62     11     G.7.11     0.0096     3.91     768.72     24.01     5.87       25     350     458     7.62     12     G.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     3     H.7.4     0.0096     3.91     778.16     6.10     6.10       25     350     458     7.62     4     H.7.4     0.0096     3.91     749.11     22	Ð	25	350	458	7.62	8	6.7.8	9600'0	3.91	767.19	23.91	6.35	0.27
25     350     458     7.62     10     6.7.10     0.0096     3.91     771.15     24.16     6.01       25     350     458     7.62     11     6.7.11     0.0096     3.91     768.72     24.01     5.87       25     350     458     7.62     12     6.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     2.10     6.10       25     350     458     7.62     4     H.7.4     0.0096     3.91     749.21     24.60     6.10       25     350     458     7.62     6     H.7.7     0.0096     3.91     749.21     22	Ð	25	350	458	7.62	6	6.7.9	9600.0	3.91	767.50	23.93	6.04	0.25
25     350     458     7.62     11     G.7.11     0.0096     3.91     768.72     24.01     5.87       25     350     458     7.62     12     G.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     760.12     6.17       25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     6.10     6.10       25     350     458     7.62     6     H.7.5     0.0096     3.91     778.16     2.99     5.99       25     350     458     7.62     6     H.7.6     0.0096     3.91     746.77     22.86     5.89       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.87<	Ð	25	350	458	7.62	10	G.7.10	0.0096	3.91	771.15	24.16	6.01	0.25
25     350     458     7.62     12     G.7.12     0.0096     3.91     768.72     24.01     6.10       25     350     458     7.62     1     H.7.1     0.0096     3.91     PR     6.17     7       25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     24.60     6.10     7.99       25     350     458     7.62     4     H.7.4     0.0096     3.91     749.21     22.81     5.79       25     350     458     7.62     6     H.7.6     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     7     H.7.7     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     8     H.7.8     0.0096     3.91     766.28	G	25	350	458	7.62	11	G.7.11	0.0096	3.91	768.72	24.01	5.87	0.24
25     350     458     7.62     1     H.7.1     0.0096     3.91     750.12     22.86     6.17       25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     22.86     5.95       25     350     458     7.62     6     H.7.5     0.0096     3.91     749.21     22.81     5.79       25     350     458     7.62     6     H.7.5     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.82       25     350     458     7.62     9     H.7.9     0.0096     3.91     766.28     23.86 </td <td>G</td> <td>25</td> <td>350</td> <td>458</td> <td>7.62</td> <td>12</td> <td>G.7.12</td> <td>0.0096</td> <td>3.91</td> <td>768.72</td> <td>24.01</td> <td>6.10</td> <td>0.25</td>	G	25	350	458	7.62	12	G.7.12	0.0096	3.91	768.72	24.01	6.10	0.25
25     350     458     7.62     2     H.7.2     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     22.86     5.95       25     350     458     7.62     5     H.7.5     0.0096     3.91     749.21     22.81     5.99       25     350     458     7.62     6     H.7.7     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     8     H.7.7     0.0096     3.91     746.77     22.66     5.78       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.82       25     350     458     7.62     9     H.7.9     0.0096     3.91     756.52     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.78	Н	25	350	458	7.62	1	H.7.1	0.0096	3.91				
25     350     458     7.62     3     H.7.4     0.0096     3.91     750.12     22.86     5.95       25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     24.60     6.10       25     350     458     7.62     6     H.7.6     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     8     H.7.7     0.0096     3.91     746.77     22.66     5.78       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     766.28     23.25     5.82       25     350     458     7.62     9     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     10     H.7.10     0.0096     3.91     765.06     23.8	Н	25	350	458	7.62	2	H.7.2	9600.0	3.91			6.17	
25     350     458     7.62     4     H.7.4     0.0096     3.91     778.16     24.60     6.10       25     350     458     7.62     5     H.7.5     0.0096     3.91     749.21     22.81     5.99       25     350     458     7.62     7     H.7.7     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     8     H.7.7     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     756.52     23.25     5.82       25     350     458     7.62     9     H.7.10     0.0096     3.91     766.28     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.78     6.31       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23	Н	25	350	458	7.62	3	H.7.3	9600.0	3.91	750.12	22.86	5.95	0.26
25     350     458     7.62     6     H.7.5     0.0096     3.91     749.21     22.81     5.99       25     350     458     7.62     6     H.7.7     0.0096     3.91     749.21     22.81     5.78       25     350     458     7.62     8     H.7.7     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     766.28     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	4	H.7.4	0.0096	3.91	778.16	24.60	6.10	0.25
25     350     458     7.62     6     H.7.6     0.0096     3.91     749.21     22.81     5.77       25     350     458     7.62     7     H.7.7     0.0096     3.91     755.00     23.16     5.78       25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     766.28     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	2	H.7.5	0.0096	3.91			5.99	
25     350     458     7.62     8     H.7.7     0.0096     3.91     746.77     22.66     5.78       25     350     458     7.62     9     H.7.9     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     766.28     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	9	H.7.6	0.0096	3.91	749.21	22.81	5.77	0.25
25     350     458     7.62     8     H.7.8     0.0096     3.91     746.77     22.66     5.87       25     350     458     7.62     9     H.7.9     0.0096     3.91     756.52     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	7	H.7.7	0.0096	3.91	755.00	23.16	5.78	0.25
25     350     458     7.62     9     H.7.9     0.0096     3.91     756.52     23.25     5.82       25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	8	H.7.8	0.0096	3.91	746.77	22.66	5.87	0.26
25     350     458     7.62     10     H.7.10     0.0096     3.91     766.28     23.86     5.75       25     350     458     7.62     11     H.7.11     0.0096     3.91     765.06     23.78     6.31	Н	25	350	458	7.62	6	H.7.9	0.0096	3.91	756.52	23.25	5.82	0.25
25 350 458 7.62 11 H.7.11 0.0096 3.91 765.06 23.78 6.31	Н	25	350	458	7.62	10	H.7.10	0.0096	3.91	766.28	23.86	5.75	0.24
	Н	25	350	458	7.62	11	H.7.11	0.0096	3.91	765.06	23.78	6.31	0.27

25	350	458	7.62	12	H.7.12	9600'0	3.91		
Observed variability	mean	6.05	std. dev. 0.19	0.19	COV	0.031		COUNT	18
	mean	0.258	std. dev. 0.014	0.014	000	0.055			