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	្រហា	eji	N I I	WO	KS						
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Cluster	RO	R1	R2	R3	R4	R5	R6	R7	R8	R9	R1
1	1.00	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.1
2	1.00	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.1
3	1.00	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.1
4	1.00	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.1
5	1.00	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.1
6	1.00	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.1
7	1.00	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.1
8	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.1
9	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.1
10	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.0
11	1.00	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.1
12	1.00	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.1
13	1.00	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.11	1.1
14	1.00	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.11	1.1
15	1.00	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.11	1.1
16	1.00	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.11	1.1
17	1.00	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.11	1.1
18	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.11	1.1
19	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.00	1.1
20	1.00	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	0.0

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	/	le J	NZ	VVC	JIK	5	•					
Strata	Cluster	RO	R1	R2	R3	R4	R5	R6	R7	R8	R9	R
4	1	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1
1	2	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1
2	3	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	:
2	4	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
2	5	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1
3	6	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	
	7	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	
4	8	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	
-	9	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	
5	10	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	
6	11	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	
0	12	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	
7	13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	
/	14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	
8	15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	
3	16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	
Q	17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	
,	18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	
10	19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	(
10	20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	







































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Example taken from	n New Zeal	land (TIMS	S 1999)
Difference appears	to be statis	stically sign	nificant
using standard stat	istical softw	ware!	
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	1		
	Mean	Standa	rd Error
	Mean	Standa SRS	rd Error SMP + IMP
Overall Mathematics Score	Mean 491	Standa SRS 1.5	rd Error SMP + IMP 5.2
Overall Mathematics Score Mathematics Score for Girls	Mean 491 495	Standa SRS 1.5 2.0	rd Error SMP + IMP 5.2 5.5
Overall Mathematics Score Mathematics Score for Girls Mathematics Score for Boys	Mean 491 495 487	Standa SRS 1.5 2.0 2.1	rd Error SMP + IMP 5.2 5.5 7.6
Overall Mathematics Score Mathematics Score for Girls Mathematics Score for Boys Difference Between Girls & Boys	Mean 491 495 487 8	Standa SRS 1.5 2.0 2.1 2.9	rd Error SMP + IMP 5.2 5.5 7.6 8.3
Overall Mathematics Score Mathematics Score for Girls Mathematics Score for Boys Difference Between Girls & Boys	Mean 491 495 487 8	Standa SRS 1.5 2.0 2.1 2.9	rd Error SMP + IMP 5.2 5.5 7.6 8.3
Overall Mathematics Score Mathematics Score for Girls Mathematics Score for Boys Difference Between Girls & Boys	Mean 491 495 487 8	Standa SRS 1.5 2.0 2.1 2.9	rd Error SMP + IMP 5.2 5.5 7.6 8.3



