Table 3. Pair-wise Pearson correlations for ANASTY, for theortetical values and the results given by statisical routines.
[Correlations use nine pairs of observations, except those with MIX use only eight observations. Note that SAS, and MINITAB produce pair-wise correlations with single command for the dataset, Excel and KaleidaGraph require multiple commands by variable-pair, and STATIT and S-PLUS require multiple commands by subsets of variables. The "available" option for S-PLUS produces pair-wise statistics with a single command for the dataset, but introduces a potentially unexpected "correction" in the case of a variable with a missing observation.]

Variable:	X	BIG	LITTLE	HUGE	TINY	ROUND	XTRA	MIX	ZERO	MISS
Theoretical										
X	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
BIG	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
LITTLE	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
HUGE	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
TINY	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
ROUND	1	1	1	1	1	1	-0.2713...	0.10762..	na	na
XTRA	-0.2713...	-0.2713...	-0.2713...	-0.2713...	-0.2713...	-0.2713...	1	0.10762	na	na
MIX	0.10762..	0.10762..	0.10762..	0.10762..	0.10762..	0.10762..	0.10762	1	na	na
ZERO	na	na	na	na	na	na	na	na	1	na
MISS	na	na	na	na	na	na	na	na	na	na
SAS PROC_CORR for DG V6.0701 and for Window NT v6.12										
X	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
BIG	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
LITTLE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
HUGE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
TINY	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
ROUND	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-0.27132	0.10762	.	*
XTRA	-0.27132	-0.27132	-0.27132	-0.27132	-0.27132	-0.27132	1	0.10762	.	
MIX	0.10762	0.10762	0.10762	0.10762	0.10762	0.10762	0.10762	1.00000	.	*
ZERO	.	.	.	.	.	.	.	.	.	*
MISS	*	*	*	*	*	*		*	*	*

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Variable:	X	BIG	LITTLE	HUGE	TINY	ROUND	XTRA	MIX	ZERO	MISS
STATIT DG										
X	1.00000	0.86603	0.83551	1.00000	1.00000	1.00000	-0.27132	0.10762	99.00000	*
BIG	0.86603	1.00000	0.61394	0.86603	0.86603	0.86603	-0.27132	0.37796	99.00000	*
LITTLE	0.83551	0.61394	1.00000	0.83551	0.83551	0.83551	-0.27132	-0.07881	99.00000	*
HUGE	1.00000	0.86603	0.83551	1.00000	1.00000	1.00000	-0.27132	0.10762	99.00000	*
TINY	1.00000	0.86603	0.83551	1.00000	1.00000	1.00000	-0.27132	0.10762	99.00000	*
ROUND	1.00000	0.86603	0.83551	1.00000	1.00000	1.00000	-0.27132	0.10762	99.00000	*
XTRA	-0.27132	-0.27132	-0.27132	-0.27132	-0.27132	-0.27132	1.00000	0.10762	99.00000	
MIX	0.10762	0.37796	-0.07881	0.10762	0.10762	0.10762	0.10762	1.00000	99.00000	*
ZERO	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	1.00000	*
MISS	*	*	*	*	*	*	*	*	*	*
Excel PowerPC Mac V5.0a										
X	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
BIG	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
LITTLE	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
HUGE	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
TINY	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
ROUND	1	1	1	1	1	1	-0.2713227	0.10762258	*	*
XTRA	-0.2713227	-0.2713227	-0.2713227	-0.2713227	-0.2713227	-0.2713227	1	0.10762258	*	*
MIX	0.10762258	0.10762258	0.10762258	0.10762258	0.10762258	0.10762258	0.10762258	1	*	*
ZERO	*	*	*	*	*	*	*	*	*	*
MISS	*	*	*	*	*	*	*	*	*	*

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Variable:	X	BIG	LITTLE	HUGE	TINY	ROUND	XTRA	MIX	ZERO	MISS
MINITAB PowerPC Mac V10.51x										
X	*	*	*	*	*	*	*	*	*	*
BIG	0.866	*	*	*	*	*	*	*	*	*
LITTLE	0.836	0.614	*	*	*	*	*	*	*	*
HUGE	1.000	0.866	0.836	*	*	*	*	*	*	*
TINY	1.000	0.866	0.836	1	*	*	*	*	*	*
ROUND	1.000	0.866	0.836	1	1	*	*	*	*	*
XTRA	-0.271	-0.314	-0.067	-0.271	-0.271	-0.271	*	*	*	*
MIX	0.108	0.378	-0.079	0.108	0.108	0.108	0.108	*	*	*
ZERO	*	*	*	*	*	*	*	*	*	*
MISS	*	*	*	*	*	*	*	*	*	*
KaleidoGraph PowerPC Mac V3.08d										
X	*	1	1	1	1	1	0.27132	0.10762	0	*
BIG	1	*	1	1	1	1	0.27132	0.10762	0	*
LITTLE	1	0.87896	*	1	1	1	0.27132	0.10762	0	*
HUGE	1	1	0.7082	*	1	1	0.27132	0.10762	0	*
TINY	1	1	0.88921	1	*	1	0.27132	0.10762	0	*
ROUND	1	1	0.7082	1	1	*	0.27132	0.10762	0	*
XTRA	0.27132	1	-0.12964	0.27132	0.27132	0.27132	*	0.10762	0	*
MIX	0.10762	0	0.40825	0.10762	0.10762	0.10762	0.10762	*	0	*
ZERO	*	*	*	*	*	*	*	*	*	*
MISS	*	*	*	*	*	*		*	*	*

Table 3. Pair-wise Pearson correlations for ANASTY, for theortetical values and the results given by statisical routines.
  [Correlations use nine pairs of observations, except those with MIX use only eight observations. Note that SAS,
  and MINITAB produce pair-wise correlations with single command for the dataset, Excel and KaleidaGraph require
  multiple commands by variable-pair, and STATIT and S-PLUS require multiple commands by subsets of variables.
  The "available" option for S-PLUS produces pair-wise statistics with a single command for the dataset, but introduces
   a potentially unexpected "correction" in the case of a variable with a missing observation.] (*Continued*)

Variable:	X	BIG	LITTLE	HUGE	TINY	ROUND	XTRA	MIX	ZERO	MISS
S-PLUS WindowsNT v4.5										
X	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
BIG	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
LITTLE	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
HUGE	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
TINY	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
ROUND	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-0.2713227	0.1076226	*	*
XTRA	-0.27132 27	-0.27132 27	-0.27132 27	-0.27132 27	-0.27132 27	-0.27132 27	1.0000000	0.1076226	*	*
MIX	0.1076226	0.1076226	0.1076226	0.1076226	0.1076226	0.1076226	0.1076226	1.000000	*	*
ZERO	*	*	*	*	*	*	*	*	*	*
MISS	*	*	*	*	*	*	*	*	*	*
S-PLUS WindowsNT v4.5 using the "available" option										
X	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
BIG	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
LITTLE	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
HUGE	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
TINY	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
ROUND	1	1	1	1	1	1	-0.2713227	0.1106548	*	*
XTRA	-0.2713 227	-0.27132 27	-0.27132 27	-0.27132 27	-0.27132 27	-0.27132 27	1	0.003035708	*	*
MIX	0.1106548	0.1106548	0.1106548	0.1106548	0.1106548	0.1106548	0.003035708	1	*	*
ZERO	*	*	*	*	*	*	*	*	*	*
MISS	*	*	*	*	*	*	*	*	*	*