Appendix B. Computer Output for Lines 9, 10, 12, and 14 in Table 1

To assist those interested in using our computer program, CHIASMUS, to analyze chiasms in various sources, we here list, as examples, the input data and computer output for the chiasms in *Mediation and Atonement*, by John Taylor (Line 9, Example 3), an online inquiry (Line 10, Example 5), the *Popol Vuh* (Line 12, Example 7), and the Strangite Laban text (Line 14, Example 11). In each case, CHIASMUS arranges repeated elements a million different ways (r = 1000000) and determines the fraction L of these arrangements that have the same, or stronger, chiastic structure. The larger the number of arrangements, the smaller the margin of error in the results. CHIASMUS also calculates P from Equation 2 based on the number N of chiastic opportunities and on the number M = 1 of these with comparable chiastic structure. Each level in the chiastic structure involves a unique element for the Taylor, *Popol Vuh*, and Strangite chiasms, for which we therefore set the number of duplicate levels to zero, while the online inquiry chiasm has one duplicate level. CHIASMUS does not use the text that is typed after the "Chiasm:" prompt – this text can say anything, followed by a "return" character, and is for user reference only. A copy of CHIASMUS together with other examples and instructions are available for free download at http://byustudies.byu.edu/chiasmus/.

```
Program to calculate chiastic likelihood
This program is free for noncommercial use.
See readme file for instructions.
Boyd F. Edwards, bedwards@wvu.edu, 13 April 2003

Chiasm: Taylor
Number n of chiastic elements: 5
Number of appearances of each chiastic element: 2,2,2,2,2
Number m of nonchiastic elements: 2
Number of appearances of each nonchiastic element: 4,2
Number r of rearrangements: 1000000
Number of duplicate levels (normally 0): 0
Calculating... Type command-. to quit.
|---------|---------|---------|---------|
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Reordering likelihood L  =0.0443500000000000
Margin of error (+ or -) =0.0002105943968865
Calculate P? (yes/no): y
Number N of chiastic opportunities: 286
Number M of these that are chiastic: 1
Chiastic likelihood P    =0.9999976800685982
Margin of error (+ or -) =0.0000001417168939
Perform another calculation? (yes/no): y

Chiasm: Online Inquiry
Number n of chiastic elements: 3
Number of appearances of each chiastic element: 4,2,2
Number m of nonchiastic elements: 2
```

```
Number of appearances of each nonchiastic element: 2,2
Number r of rearrangements: 1000000
Number of duplicate levels (normally 0): 1
Calculating... Type command-. to quit.
|---------|---------|---------|---------|
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Reordering likelihood L  =0.1861040000000000
Margin of error (+ or -) =0.0004313977283204
Calculate P? (yes/no): y
Number N of chiastic opportunities: 1
Number M of these that are chiastic: 1
Chiastic likelihood P    =0.1861040000000000
Margin of error (+ or -) =0.0004313977283203
Perform another calculation? (yes/no): y

Chiasm: Popol Vuh
Number n of chiastic elements: 5
Number of appearances of each chiastic element: 3,3,3,2,2
Number m of nonchiastic elements: 0
Number r of rearrangements: 1000000
Calculating... Type command-. to quit.
|---------|---------|---------|---------|
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Reordering likelihood L  =0.0151950000000000
Margin of error (+ or -) =0.0001232680007139
Calculate P? (yes/no): y
Number N of chiastic opportunities: 484
Number M of these that are chiastic: 1
Chiastic likelihood P    =0.9993953298436049
Margin of error (+ or -) =0.0000355468819666
Perform another calculation? (yes/no): y

Chiasm: Laban Text
Number n of chiastic elements: 5
Number of appearances of each chiastic element: 2,2,2,2,3
Number m of nonchiastic elements: 2
Number of appearances of each nonchiastic element: 2,2
Number r of rearrangements: 1000000
Number of duplicate levels (normally 0): 0
Calculating... Type command-. to quit.
|---------|---------|---------|---------|
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Reordering likelihood L  =0.0299560000000000
Margin of error (+ or -) =0.0001730780170906
Calculate P? (yes/no): y
Number N of chiastic opportunities: 124
Number M of these that are chiastic: 1
Chiastic likelihood P    =0.9769782789078645
Margin of error (+ or -) =0.0005037938576531
Perform another calculation? (yes/no): n
Copy results and press return to quit.
```