Appendix E

Results for the simulated data sets generated

assuming independence between the ratios

Table E-0

The parameters of the distributions of the z_i for each data set, and the representation of the ratios y_i in terms of those z_i, when all the ratio are independent.

Table #	z_1	z_2	z_3	z_4	y_1	y_2	y_3
E-1	(2,3)	(5,7)	(3,4)	(#,#)	z_1	z_2	z_3
E-2	(2,3)	(2,8)	(2,6)	(#,#)	z_1	z_2	z_3
E-3	(100,2)	(100,1)	(232,52)	(#,#)	z_2	z_1	z_3
E-4	(200,3.3)	(2,3)	(5,7)	(#,#)	z_1	z_2	z_3

Table E-1.

1. y_2 and y_3 are the two most strongly correlated ratios (empirically).
2. The signs of the true and the empirical correlations are preserved under the independent ratios model.
3. The signs of the true and the empirical correlations are also preserved under all three dependent ratios models.
4. Not applicable.
5. Not applicable.

Table E-2.

1. y_2 and y_3 are the two most strongly correlated ratios (empirically).
2. The signs of the true and the empirical correlations are preserved under the independent ratios model.
3. The signs of the true and the empirical correlations are also preserved under all three dependent ratios models.
4. Not applicable.
5. Not applicable.

Table E-3.

1. y_1 and y_3 are the two most strongly correlated ratios (empirically).
2. The signs of the true correlations are preserved under the independent ratios model.
3. The signs of the true correlations are preserved under all three dependent ratios models except the model where y_1 and y_2 are assumed to be dependent.
4. Not applicable.
5. Not applicable.

Table E-4.

1. y_1 and y_3 are the two most strongly correlated ratios (empirically).
2. The signs of the true and the empirical correlations are preserved under the independent ratios model.
3. The signs of the true and the empirical correlations are also preserved under all three dependent ratios models.
4. Not applicable.
5. Not applicable.