**S3 Table. The mixture ratios used to create the samples in the testing set and the mixture ratios used in the algorithm of the four continuous models.**

|  |  |  |
| --- | --- | --- |
| Number of contributors | Mixture ratios used to create the samples in the testing set | Mixture ratios used in the algorithm of the four models |
| 2 | 1:1, 1:2, 1:4, 1:9, 1:19 | 1:9, 1:4, 3:7, 2:3, 1:1, 3:2, 7:3, 4:1, 9:1 |
| 3 | 1:1:1, 1:1:2, 1:1:4, 1:1:9, 1:2:2, 1:4:4, 1:9:9 | 3:2:1, 2:1:3, 1:2:3, 6:2:1, 1:6:2, 2:1:6, 9:1:1, 1:9:1, 1:1:9, 5:1:3, 3:5:1, 1:3:5 |