First set of corrupted triples
- c1 Triple1_corrupted_L1
- c2 Triple2_corrupted_L1

One batch size

second set of corrupted triples
- c3: Triple1_corrupted_L1
- c4: Triple2_corrupted_L1

third set of corrupted triples
- c5: Triple1_corrupted_L1
- c6: Triple2_corrupted_L1

fourth set of corrupted triples
- c7: Triple1_corrupted_L1
- c8: Triple2_corrupted_L1

Batch_size = 2, neg_ratio = 4

Figure (a)

reshape(batch_size, neg_ratio)

| C1: Triple1_L1 | C2: Triple2_L1 | C3: Triple1_L1 | C4: Triple2_L1 |
| C5: Triple1_L1 | C6: Triple2_L1 | C7: Triple1_L1 | C8: Triple2_L1 |

Figure (b)

TT.Sum along dimension 1

| C1 + C2 + C3 + C4 |
| C5 + C6 + C7 + C8 |

Figure (c)