Apriori Analysis - Transaction 1

milk eggs juice grapes beef chicken pork bread butter \  
0 True False True False False True False False False   
1 False True False True False False True False False   
2 False False True False True False False True False   
3 False False False True False True False False True   
4 False False False False True False True False False   
  
 tomatoes pasta garlic soda seltzer wine beer cereal cookies \  
0 False False False True False False False False False   
1 False False False False True False False False False   
2 False False False False False True False False False   
3 False False False False False False True False False   
4 True False False False False False False True False   
  
 chips ice\_cream shampoo onion oil pizza apples broccoli lettuce \  
0 False False False False False False False False False   
1 False False False False False False False False False   
2 False False False False False False False False False   
3 False False False False False False False False False   
4 False False False False False False False False False   
  
 spinach cheese coffee   
0 False False False   
1 False False False   
2 False False False   
3 False False False   
4 False False False

support itemsets  
0 0.105263 (juice)  
1 0.105263 (grapes)  
2 0.105263 (beef)  
3 0.157895 (chicken)  
4 0.157895 (pork)  
5 0.157895 (bread)  
6 0.157895 (butter)  
7 0.157895 (tomatoes)  
8 0.157895 (pasta)  
9 0.157895 (garlic)  
10 0.210526 (soda)  
11 0.210526 (seltzer)  
12 0.210526 (wine)  
13 0.210526 (beer)  
14 0.210526 (cereal)  
15 0.210526 (cookies)  
16 0.210526 (chips)  
17 0.157895 (ice\_cream)  
18 0.157895 (shampoo)  
19 0.105263 (onion)  
20 0.105263 (oil)  
21 0.105263 (pizza)  
22 0.263158 (lettuce)  
23 0.105263 (lettuce, cereal)  
24 0.105263 (cookies, lettuce)  
25 0.105263 (chips, lettuce)  
26 0.105263 (ice\_cream, lettuce)  
27 0.105263 (shampoo, lettuce)

antecedents consequents antecedent support consequent support support \  
0 (lettuce) (cereal) 0.263158 0.210526 0.105263   
1 (cereal) (lettuce) 0.210526 0.263158 0.105263   
2 (cookies) (lettuce) 0.210526 0.263158 0.105263   
3 (lettuce) (cookies) 0.263158 0.210526 0.105263   
4 (chips) (lettuce) 0.210526 0.263158 0.105263   
5 (lettuce) (chips) 0.263158 0.210526 0.105263   
6 (ice\_cream) (lettuce) 0.157895 0.263158 0.105263   
7 (lettuce) (ice\_cream) 0.263158 0.157895 0.105263   
8 (shampoo) (lettuce) 0.157895 0.263158 0.105263   
9 (lettuce) (shampoo) 0.263158 0.157895 0.105263   
  
 confidence lift representativity leverage conviction \  
0 0.400000 1.900000 1.0 0.049861 1.315789   
1 0.500000 1.900000 1.0 0.049861 1.473684   
2 0.500000 1.900000 1.0 0.049861 1.473684   
3 0.400000 1.900000 1.0 0.049861 1.315789   
4 0.500000 1.900000 1.0 0.049861 1.473684   
5 0.400000 1.900000 1.0 0.049861 1.315789   
6 0.666667 2.533333 1.0 0.063712 2.210526   
7 0.400000 2.533333 1.0 0.063712 1.403509   
8 0.666667 2.533333 1.0 0.063712 2.210526   
9 0.400000 2.533333 1.0 0.063712 1.403509   
  
 zhangs\_metric jaccard certainty kulczynski   
0 0.642857 0.285714 0.240000 0.450000   
1 0.600000 0.285714 0.321429 0.450000   
2 0.600000 0.285714 0.321429 0.450000   
3 0.642857 0.285714 0.240000 0.450000   
4 0.600000 0.285714 0.321429 0.450000   
5 0.642857 0.285714 0.240000 0.450000   
6 0.718750 0.333333 0.547619 0.533333   
7 0.821429 0.333333 0.287500 0.533333   
8 0.718750 0.333333 0.547619 0.533333   
9 0.821429 0.333333 0.287500 0.533333