Supplementary Materials

Table S1. Java coding route of supply chain and cryptocurrency wallet applications' simulation.

Java coding route of Anylogic

```
@Override
 @AnyLogicInternalCodegenAPI
 public void enterState( short _state, boolean _destination ) {
  switch( _state ) {
    case PotentialWalletVisitors: // (Simple state (not composite))
      statechart.setActiveState_xjal( PotentialWalletVisitors );
      {
cryptoWalletWebsiteVisitorl++
;}
      transition.start();
      return;
    case WalletBrandedTraffic: // (Simple state (not composite))
      statechart.setActiveState_xjal( WalletBrandedTraffic );
      {
WalletReferralDomains = normal(791.4857826 , 825.047692);
WalletBacklinks = normal(295604.8256915 , 755196.345385);
WalletExternalLinks = normal(0.2328255 , 0.329231);
WalletInternalLinks = normal(0.86197 , 1.176154);
cryptoWalletBrandedTraffic = cryptoWalletWebsiteVisitor
;}
      transition1.start();
      transition10.start();
      return;
    case WalletReferralTraffic: // (Simple state (not composite))
      statechart.setActiveState_xjal( WalletReferralTraffic );
      {
cryptoWalletReferralTraffic = normal(2949.82177 , 8780.7914)
;}
      transition2.start();
      return;
    case WalletOrganicTraffic: // (Simple state (not composite))
      statechart.setActiveState_xjal( WalletOrganicTraffic );
      {
WalletAvgPagesVisit = 1.86 + WalletReferralDomains*(-1.043) + WalletBacklinks*(-0.069) +
WalletExternalLinks*(0.061) + WalletInternalLinks*(-0.043) +
cryptoWalletReferralTraffic*(-0.040);

cryptoWalletAffiliateMarketingAnalytics = (WalletReferralDomains + WalletBacklinks +
Wal-letExternalLinks + WalletInternalLinks + cryptoWalletReferralTraffic)/4;
cryptoWalletOrganicTraffic = 1540387.2308 + WalletBacklinks*(-0.851)
;}
      transition4.start();
      transition11.start();
      return;
    case WalletToSupplyChain: // (Simple state (not composite))
      statechart.setActiveState_xjal( WalletToSupplyChain );
      transition5.start();
      transition8.start();
      return;
```

```
    case SupplyChainReferralTraffic: // (Simple state (not composite))
     statechart.setActiveState_xjal( SupplyChainReferralTraffic );
     {
supplyChainReferralTraffic = 40302211.17 + WalletReferralDomains*(-0.131) + WalletBack-
links*(-0.449) + WalletExternalLinks*(1.249) + WalletInternalLinks*(-1.679) + cryptoWallet-
ReferralTraffic*(-0.294);
 ;}
     transition13.start();
     transition14.start();
     return;
    case WalletBounceRate: // (Simple state (not composite))
     statechart.setActiveState_xjal( WalletBounceRate );
     transition3.start();
     return;
    case SupplyChainBrandedTraffic: // (Simple state (not composite))
     statechart.setActiveState_xjal( SupplyChainBrandedTraffic );
     {
supplyChainBrandedTraffic = 75.11 + WalletBacklinks*(0.680) + WalletExternalLinks*(-
2.097) + WalletInternalLinks*(1.890)
;}
     transition9.start();
     return;
    case SupplyChainSocialTraffic: // (Simple state (not composite))
     statechart.setActiveState_xjal( SupplyChainSocialTraffic );
     {
supplyChainSocialTraffic = 19700.0983 + WalletReferralDomains*(0.641) + WalletBack-
links*(1.426) + WalletExternalLinks*(-2.001) + WalletInternalLinks*(2.170) +
cryptoWalletRefer-ralTraffic*(-0.027);
 ;}
     transition7.start();
     transition12.start();
     return;
    default:
     super.enterState( _state, _destination );
     return;
} }
```