



Figure 1: Dependency graph.

Step	FinancialAdvisor	Household
1	send new rule detail system	
2		read new rule detail system
3		send own rule performance
4	read rule performance	
5	send all rule performances	
6		read all rule performances

Table 1: Messages send and received for the EWA learning algorithm in the AFM.

Step	Financial Advisor	Household
1	send new rule detail system reset public classifier system	
2		read new rule detail system update rule detail system reset private classifier system send own rule performance
3	read rule performance update public classifier system send all rule performances	
4		read all rule performances update private classifier system select rule retrieve rule details apply rule

Table 2: Communication layers for the rule selection algorithm in the AFM.

Step	Clearing house	Household
1		send firm stock orders send firm bond orders send gov bond orders
2	read firm stock orders read firm bond orders read gov bond orders compute transactions send firm stock transactions send firm bond transactions send gov bond transactions	
3		read firm stock transactions read firm bond transactions read gov bond transactions update accounts

Table 3: Communication layers for the market clearing algorithm in the AFM.