Multispatial CCM test: arc sum as a forcing process on recspn5 ESU, offset: 2 MFS, offset: 2 UPS, offset: 2 IMN, offset: 2 0.6 Tau = 1, p = 0.41Tau = 1, p = 0.01Tau = 1, p = 0.25Tau = 1, p = 0.32Tau = 2, p = 0.36Tau = 2, p = 0.04Tau = 2, p = 0.36Tau = 2, p = 0.450.3 0.4 0.3 Tau = 3, p = 0.46Tau = 3, p = 0.01Tau = 3, p = 0.65Tau = 3, p = 0.140.2 Tau = 4, p = 0.24Tau = 4, p = 0Tau = 4, p = 0.09Tau = 4, p = 0.34<u>일</u> 0.2 rho Tau = 5, p = 0.05Tau = 5, p = 0.41Tau = 5, p = 0.07Tau = 5, p = 0.330.1 Tau = 6, p = 0.54Tau = 6, p = 0.06Tau = 6, p = 0.5Tau = 6, p = 0.650.0 0.0 0.0 0.0 -0.1-0.1200 200 300 500 1000 100 300 100 300 100 200 Library length, L Library length, L Library length, L Library length, L ESU, offset: 3 MFS, offset: 3 IMN, offset: 3 UPS, offset: 3 0.5 Tau = 1, p = 0.540.6 Tau = 1, p = 0.53Tau = 1, p = 0.03Tau = 1, p = 0.440.4 Tau = 2, p = 0.58Tau = 2, p = 0.33Tau = 2, p = 0.03Tau = 2, p = 0.370.3 0.3 Tau = 3, p = 0.370.4 Tau = 3, p = 0.03Tau = 3, p = 0.43Tau = 3, p = 0.18Tau = 4, p = 0.01rho Tau = 4, p = 0.25Tau = 4, p = 0.130.2 Tau = 4, p = 0.09rho 0.2 Tau = 5, p = 0.270.2 Tau = 5, p = 0.06Tau = 5, p = 0.4Tau = 5, p = 0.440.1 0.1 0.1 Tau = 6, p = 0.42Tau = 6, p = 0.02Tau = 6, p = 0.39Tau = 6, p = 0.30.0 0.0 0.0 0.0 -0.1 -0.1 -0.1500 1000 100 200 300 200 200 300 100 300 100 Library length, L Library length, L Library length, L Library length, L ESU, offset: 4 MFS, offset: 4 UPS, offset: 4 IMN, offset: 4 0.4 0.4 0.6 0.4 Tau = 1, p = 0.22Tau = 1, p = 0.44Tau = 1, p = 0.03Tau = 1, p = 0.630.3 0.3 Tau = 2, p = 0.42Tau = 2, p = 0.02Tau = 2, p = 0.33Tau = 2, p = 0.530.4 Tau = 3, p = 0.04Tau = 3, p = 0.5Tau = 3, p = 0.33Tau = 3, p = 0.150.2 0.2 0.2 Tau = 4, p = 0.01Tau = 4, p = 0.16<mark>알</mark> _{0.2} Tau = 4 , p = 0.21 Tau = 4, p = 0.47rho rho 0.1 Tau = 5, p = 0.41Tau = 5 p = 0.26Tau = 5, p = 0.38Tau = 5, p = 0.380.1 Tau = 6, p = 0.41Tau = 6, p = 0Tau = 6, p = 0.5Tau = 6, p = 0.550.0 0.0 0.0 0.0 -0.1-0.11000 500 100 200 300 200 200 300 100 300 Library length, L Library length, L Library length, L Library length, L ESU, offset: 5 MFS, offset: 5 IMN, offset: 5 UPS, offset: 5 0.6 0.4 0.4 Tau = 1, p = 0.12Tau = 1, p = 0.38Tau = 1, p = 0.02Tau = 1, p = 0.440.4 0.3 Tau = 2, p = 0.03Tau = 2, p = 0.37Tau = 2, p = 0.49Tau = 2, p = 0.520.4 0.3 Tau = 3, p = 0.09Tau = 3, p = 0.55Tau = 3, p = 0.29Tau = 3, p = 0.40.2 Tau = 4, p = 0.29Tau = $4 \cdot p = 0.04$ Tau = 4, p = 0.13Tau = 4, p = 0.23<mark>일</mark> 0.2 rho 0.2 Tau = 5, p = 0.24Tau = 5, p = 0.41Tau = 5, p = 0.55 $Ta\hat{u} = 5$, p = 0.50.1 Tau = 6, p = 0.36Tau = 6, p = 0.03Tau = 6, p = 0.1Tau = 6, p = 0.290.0 0.0 0.0 0.0 -0.1-0.1-0.7500 1000 200 300 200 300 200 300 100 100 100 Library length, L Library length, L Library length, L Library length, L

forecast skill, rho

library length, L