Multispatial CCM test:

upw spr as a forcing process on recspn5 ESU, offset: 2 MFS, offset: 2 UPS, offset: 2 IMN, offset: 2 Tau = 1, p = 0.64Tau = 1, p = 0.12Tau = 1, p = 0.3Tau = 1, p = 0.38Tau = 2, p = 0.38Tau = 2, p = 0.020.3 Tau = 2, p = 0.27Tau = 2, p = 0.560.3 0.4 Tau = 3, p = 0.13Tau = 3, p = 0Tau = 3, p = 0.29Tau = 3, p = 0.050.2 0.2 Tau = 4, p = 0.33Tau = 4, p = 0Tau = 4, p = 0.53Tau = 4, p = 0.18<mark>일</mark> 0.2 Tau = 5, p = 0.02Tau ± 5 , p ± 0.5 Tau = 5, p = 0.27Tau $\stackrel{\triangle}{=} 5$, p = 0.1 0.1 0.1 0.1 Tau = 6, p = 0.44Tau = 6, p = 0.19Tau = 6, p = 0.14Tau = 6, p = 0.560.0 0.0 0.0 -0.11000 200 300 500 100 200 300 100 200 300 100 Library length, L Library length, L Library length, L Library length, L ESU, offset: 3 MFS, offset: 3 IMN, offset: 3 UPS, offset: 3 0.4 0.3 Tau = 1 , p = 0.22 Tau = 1, p = 0.63Tau = 1, p = 0.62Tau = 1, p = 0.51 0.3 0.4 Tau = 2, p = 0.28Tau = 2, p = 0.02Tau = 2, p = 0.26Tau = 2, p = 0.230.2 0.3 Tau = 3, p = 0.01Tau = 3, p = 0.58Tau = 3, p = 0.77Tau = 3, p = 0.060.2 -0.2 Tau = 4, p = 0.01rho Tau = 4, p = 0.5<u>e</u> 0.2 Tau = 4, p = 0.81Tau = 4, p = 0.92rho rho 0.1 0.1 Tau = 5, p = 0.05Tau = 5, p = 0.76Tau = $5 \ p = 0.38$ Tau = 5, p = 0.250.1 Tau = 6, p = 0.10.0 0.0 Tau = 6, p = 0.2Tau = 6, p = 0.38Tau = 6, p = 0.20.0 0.0 -0.1forecast skill, rho -0.1 -0.21000 500 200 300 200 200 300 100 100 300 0 100 Library length, L Library length, L Library length, L Library length, L ESU, offset: 4 MFS, offset: 4 UPS, offset: 4 IMN, offset: 4 0.3 -Tau = 1, p = 0.48Tau = 1, p = 0.11Tau = 1, p = 0.26Tau = 1, p = 0.390.3 Tau = 2, p = 0.55Tau = 2, p = 0.05Tau = 2, p = 0.39Tau = 2, p = 0.03Tau = 3, p = 0.49Tau = 3 , p = 0.1 0.2 Tau = 3, p = 0.1Tau = 3, p = 0.39<mark>일</mark> _{0.1} Tau = 4, p = 0.27Tau = 4, p = 0.01Tau = 4, p = 0.73Tau = 4, p = 0.26**e** 0.2 rho 0.1 Tau = 5, p = 0.34Tau = 5 , p = 0.48 Tau = 5, p = 0.1. Tau = 5, p = 0.360.1 Tau = 6, p = 0.66Tau = 6, p = 0.14Tau = 6, p = 0.46Tau = 6, p = 0.540.0 0.0 - 0.0-0.1-0.11000 500 200 300 200 200 300 100 100 300 100 Library length, L Library length, L Library length, L Library length, L ESU, offset: 5 MFS, offset: 5 IMN, offset: 5 UPS, offset: 5 Tau = 1, p = 0.34Tau = 1, p = 0.01Tau = 1, p = 0.57Tau = 1, p = 0.320.3 Tau = 2, p = 0.5Tau = 2, p = 0.66Tau = 2, p = 0.09Tau = 2, p = 0.470.2 Tau = 3, p = 0.73Tau = 3, p = 0.25Tau = 3, p = 0.03Tau = 3, p = 0.370.2 Tau = 4, p = 0.21Tau = 4, p = 0.03Tau = 4, p = 0.46Tau = 4, p = 0.33**6** 0.2 гhо гþ 0.1 0.1 0.1 Tau = 5, p = 0.08Tau = 5, p = 0.48Tau = 5, p = 0.71Tau = 5, p = 0.19Tau = 6, p = 0.74Tau = 6, p = 0.08Tau = 6, p = 0.63Tau = 6, p = 0.250.0 0.0 0.0 0.0 -0.1-0.1200 300 500 1000 100 300 100 200 300 Library length, L Library length, L Library length, L Library length, L

library length, L