Multispatial CCM test: hatch WA as a forcing process on recspn5 MFS, offset: 1 IMN, offset: 1 UPS, offset: 1 Tau = 1, p = 0.54Tau = 1, p = 0.46Tau = 1, p = 0.670.4 Tau = 2, p = 0.210.4 Tau = 2, p = 0.23Tau = 2, p = 0.26Tau = 3, p = 0.36Tau = 3, p = 0.19Tau = 3, p = 0.68Tau = 4 , p = 0.86Tau = 4, p = 0.27Tau = 4, p = 0.37Tau = 5, p = 0.41Tau = 5, p = 0.750.2 h Tau = 5, p = 0.520.2 0.2 Tau + 6 , p = 0.55 Tau = 6, p = 0.610.1 -0.1100 150 200 250 100 200 100 200 Library length, L Library length, L Library length, L MFS, offset: 2 IMN, offset: 2 UPS, offset: 2 Tau = 1, p = 0.41Tau = 1, p = 0.48Tau = 1, p = 0.23Tau = 2, p = 0.49Tau = 2, p = 0.46Tau = 2, p = 0.35Tau = 3, p = 0.13Tau = 3, p = 0.19Tau = 3, p = 0.490.3 -Tau = 4, p = 0.28Tau = 4, p = 0.23Tau = 4, p = 0.2Tau = 5, p = 0.71Tau = 5, p = 0.42Tau = 5, p = 0.270.2 Tau = 6, p = 0.39Tau = 6, p = 0.58Tau = 6, p = 0.14гhо rho 0.1 0.1 0.0 0.0 -0.1-0.11000 200 200 100 200 Library length, L Library length, L Library length, L MFS, offset: 3 IMN, offset: 3 UPS, offset: 3 Tau = 1, p = 0.37Tau = 1, p = 0.33Tau = 1, p = 0.48Tau = 2, p = 0.32Tau = 2, p = 0.34Tau = 2, p = 0.33Tau = 3, p = 0.48Tau = 3, p = 0.74Tau = 3, p = 0.18Tau = 4, p = 0.63Tau = 4, p = 0.25Tau = 4, p = 0.38Tau = 5, p = 0.48Tau = 5, p = 0.59Tau = 5, p = 0.080.2 Tau = 6, p = 0.11Tau = 6, p = 0.27<mark>일</mark> 0.2 -<u>و</u> 0.2

library length, L

200

0.0

100

Library length, L

200

200

300

100

Library length, L

ESU, offset: 1

0.3

0.2 -

0.1

0.4

0.3

0.2

0.1

0.0

-0.1

0.3

0.1

0.0

-0.1

rho

forecast skill, rho

rho

rho

Tau = 1, p = 0.51

Tau = 2, p = 0.48

Tau = 3, p = 0.38

Tau = 4, p = 0.62

Tau = 5, p = 0.66

Tau = 6, p = 0.48

250

ESU, offset: 2

Tau = 1, p = 0.5Tau = 2, p = 0.47

Tau = 3, p = 0.68

Tau = 4, p = 0.53

Tau = 5, p = 0.51

Tau = 6, p = 0.75

500

Library length, L

ESU, offset: 3

Tau = 1, p = 0.51

Tau = 2, p = 0.58

Tau = 3 , p = 0.72

Tau = 4, p = 0.38

Tau = 5, p = 0.49

Tau = 6, p = 0.48

250

500

Library length, L

750

1000

100

Library length, L

750

500

Library length, L

750