## Asynchronous Synchronous A segmented mts X with window size=8 A segmented mts X with window size=8 0.4 0.4 - dew 0.2 0.3 temp temp 0.2 0.8 0.8 press press 0.7 0.7 0.1 wind\_speed 0.1 wind\_speed o969 o969 0.00 0.00 snow snow -8:83 -8:83 0.00 0.00 - rain -0.05-0.05 20 40 60 100 20 40 100 120 X: We W1 W2 W3 W4 W3 W6 W7 W8 W9 W10W11W12W15W14W15 X": We W1 W2 W3 W4 W3 W6 W7 W3 W9 W10W11W12W15W14W15 x-segmented x-segmented 0 1 dess temp wind\_direction wind\_speed wind\_speed snow 0 1 0 0 0 0 1 rain rain 위가 취고 취고 취소 취소 취수 취수 취고 취소 작가 취소 취소 취소 취소 취소 하고 하는 하는 하는 하는 하는 하는 작은 학과 학자 학자 학자 학자 학자 Asynchronous sampling for z-prime Synchronous sampling for z-prime A segmented mts X w th window size=8 0.85 0.80 0.75 - dew 0.35 0.30 0.25 dew 0.8 temp 0.3 temp 0.6 0.2 0.40 0.8 press 0.35 press 0.7 wind\_direct on wind direction 0.19 0.10 0.05 0.05 8:835 wind speed wind speed 0.00 snov/ 0.00 snow 0.05 -0.05 0.1 0.00 rain 0.0 -0.0520 80 100 120 40 Wo W1 W2 W3 W4 W5 W6 W7 W6 W9 W10W11W12W13W14W15 X': Wo WI W2 W3 W4 W5 W6 W7 W8 W9 W10W11W12W13W14W15 200 100 dew dew 0 100 0 О -20 100 press press -50 5 100 wind direction wind\_direction 0 \_10 100 wind\_speed w/ind speed 10 -10 100 snow О 100 rain rain œ 0 m 12 13 7 15 2 Ξ 2 17 13 4 13 Features (Windows) dew dew - temp temp - press press wind\_direction wind\_direction wind\_speed wind\_speed snow snow rain 20 120 ò 20 100 120 40 60 80 Time Steps Time Steps