KANN ET AL (2009) - LALIBRATING 2-M TOMP FROM LAM EXEMPLE WING

ENSENGLE: ALADIN - LATER

· 18 KM HAMZONAL, 37 VERT LEVELS.

· EX 18 MEMBERS

FOREUBES!

ACHACLASUS ATTACYSIS DATA: INCA NOWCASTING

" I KM X IKM I LOWER YKM OF ATM FOR MANY VATHATICLES

· BOTH MEAN & VARIANCE ARE MODERED BY UNDAR REGRESSION

- MINIMIZE CRPS TO DETERMINE COEFFICIENTS.
- · REACY 6000 SUMMARY OF NOR.

MESULIS: VEMIFIED @ 170 AUSTRIAN STATIONS

- · ONLY VALIDATE FOR I MONTH! (DECEMBER 2007)
- BIAS WAS REMOVED [FROM -1.2C TO ~ OC]
- · KINSE DECRETSED FROM 2.9°C TO 2.4°C.
- · ENSEMBLE SPREAD INCHEMSED FROM ~ 0.3 °C TO 1.6°C !!!
- · PERLEUTAGE OF OUTLIERS (WHAT'S THIS) DECREASED PROM OVER 70%.
- BETTER ROC SCORES? [ 244 et. Ac. 2002]
- · CRPSS DOUBLES FROM D.S TO O.G.
- · TESTED AGAIN IN JULY 2008 WITH SIMILAR RESOLTS.

PESULTS IN CALIBRATED PROBABILITY FORECASTS ON A 141 CRID.

## REFINILY NGR -> NGR-TO

- · IMPLEMENT A TIME DELAYING AVERAGING METHOD INSTEAD OF SIMPLE AVERACING OVER THE TEAINING DATA.
- BY NEVERT FOREMENT EMAPS.

## PROLEDURE FOR SO DAY WINDOW!

" GET AUCH CROS FOR PAYS -50 TO -30

· FOR DAY - 29 :

CRIPS = WCRPS\_29 + (1-W) CRPS\_50:-30

WEIGHT OF O.)

DO 7ths From Days - 29 TO -1, SO FOR - 28:

CRPS = W CRPS\_28 + [1-W] [W CRPS\_29 + [1-W] CRPS\_50:-30]

IF I UNDERSTAND THIS CORPECTLY, 90 ° 10 OF CRPS IS THE MOST RECENT

ULPS. DIESN'T THIS MAKE IT LIKE 4 TRAINING DATA OF WILLDOW

LEPGIT 1? I MUST BE MISSING SMETHING.

## APPRINCE NOT TO ECMWE-ERS USING INIA ANAYSISAS TRUTH:

SPREAD THAN RAW, BUT NOT AS GOOD AS RAW CALIBRATED LARF.

: DYNAMI POUNSIGHER STILL SEEDS TO BE IMPORTANT, & THEY USE AN

7.5

1)