Alternative Rainfall Metrics  $M_1-M_8$ , 1994-2007 versus 1980-1993  ${\it M}_{\rm 1}$  - Latitude of Max Rainfall  ${\cal M}_2$  - Rainfall Centroid Lat Catitude (°) 28 27 27 26 Catitude (°) 30 29 28  ${\it M}_{\rm 3}$  - Intensity of Max Rainfall  ${\cal M}_4$  - Mean All-China Rainfall  $\,\mathrm{mm}\,\mathrm{day}^{-1}$ mm day<sup>-1</sup>  ${\it M}_{\rm 5}$  - Mean North China Rainfall  ${\it M}_{\rm 6}$  - Mean South China Rainfall  $\begin{array}{ccc} \text{mm day}^{-1} \\ \text{s} & \text{s} \\ \end{array}$  $mm \, day^{-1}$  $M_7$  - North China Rainfall Frequency  $M_8$  - South China Rainfall Frequency 1.0 1.0 8.0 8.0 Frequency 9.0 9.0 Frequency 8.0 9.0 9.0 0.2 0.2 0.0 0.0 Day of Year Day of Year 1979-1993 1994-2007