



Supplement of

An extension of the logistic function to account for nonstationary drought losses

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Figure S1. As for Figure 3, but for SPEI.



Figure S2. As for Figure 6, but for SPEI.



Figure S3. As for Figure 7, but for SPEI.



Figure S4. As for Figure 8, but for SPEI.



Figure S5. As for Figure 9, but for SPEI.



Figure S6. As for Figure 10, but for SPEI.



Figure S7. As for Figure 11, but for SPEI.



Figure S8. As for Figure 3, but for scPDSI.



Figure S9. As for Figure 6, but for scPDSI.



Figure S10. As for Figure 7, but for scPDSI.



Figure S11. As for Figure 8, but for scPDSI.



Figure S12. As for Figure 8, but for scPDSI.



Figure S13. As for Figure 10, but for scPDSI.



Figure S14. As for Figure 11, but for scPDSI.



Figure S15. As for Figure 12, but for A2k0c0, A0k2c0 and A0k0c2.



Figure S16. As for Figure 13, but for A2k0c0, A0k2c0 and A0k0c2.



Figure S17. 2D heatmaps for for the nonstationary logistic functions (a) A1k0c0, (b) A0k1c0 and (c) A0k0c1 relating the drought-affected population to time and SPI for Yunnan Province.



Figure S18. As for Figure S17, but for Guangdong Province.