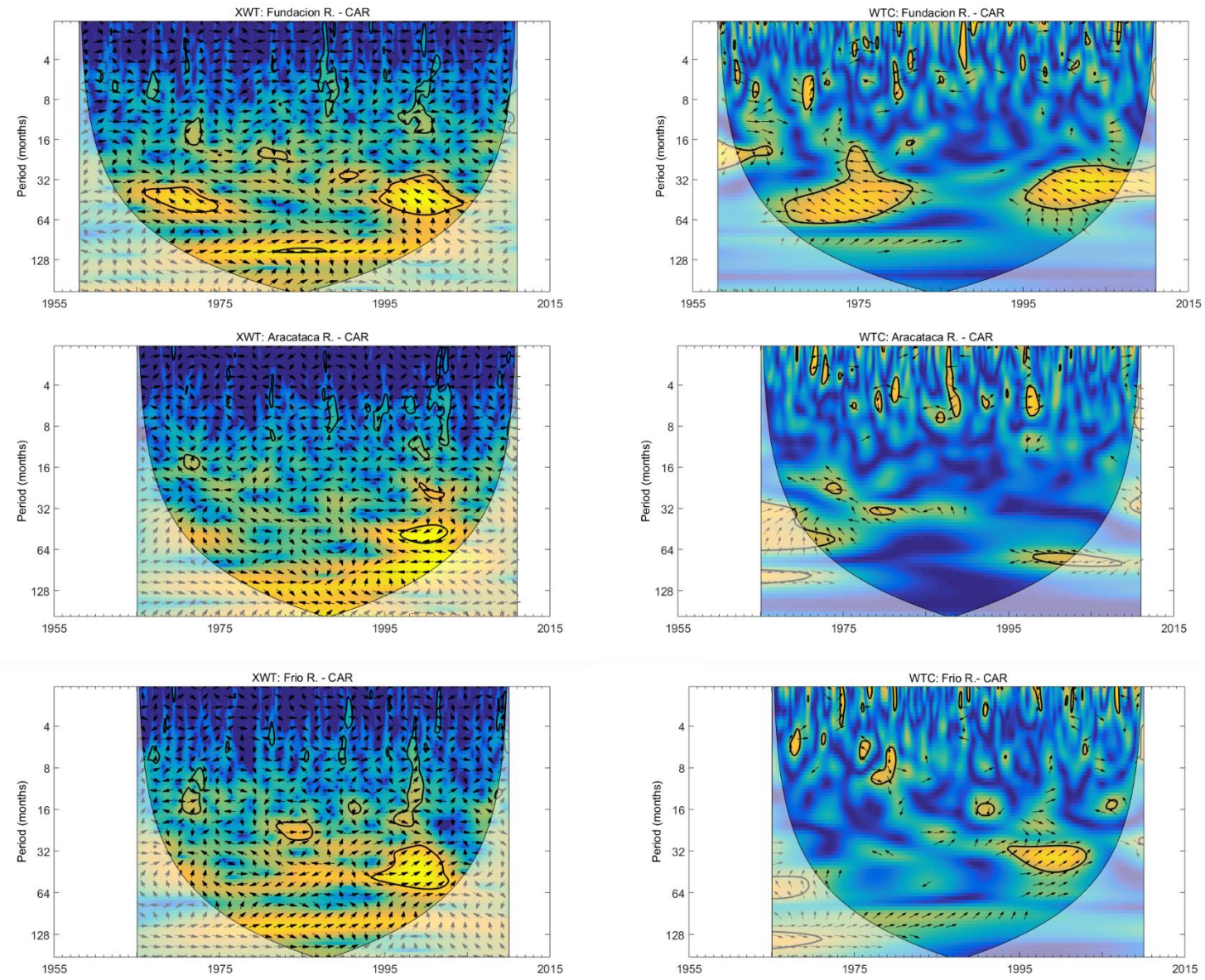

Fig. S1. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between CAR and the Fundación, Aracataca, and Frío rivers.

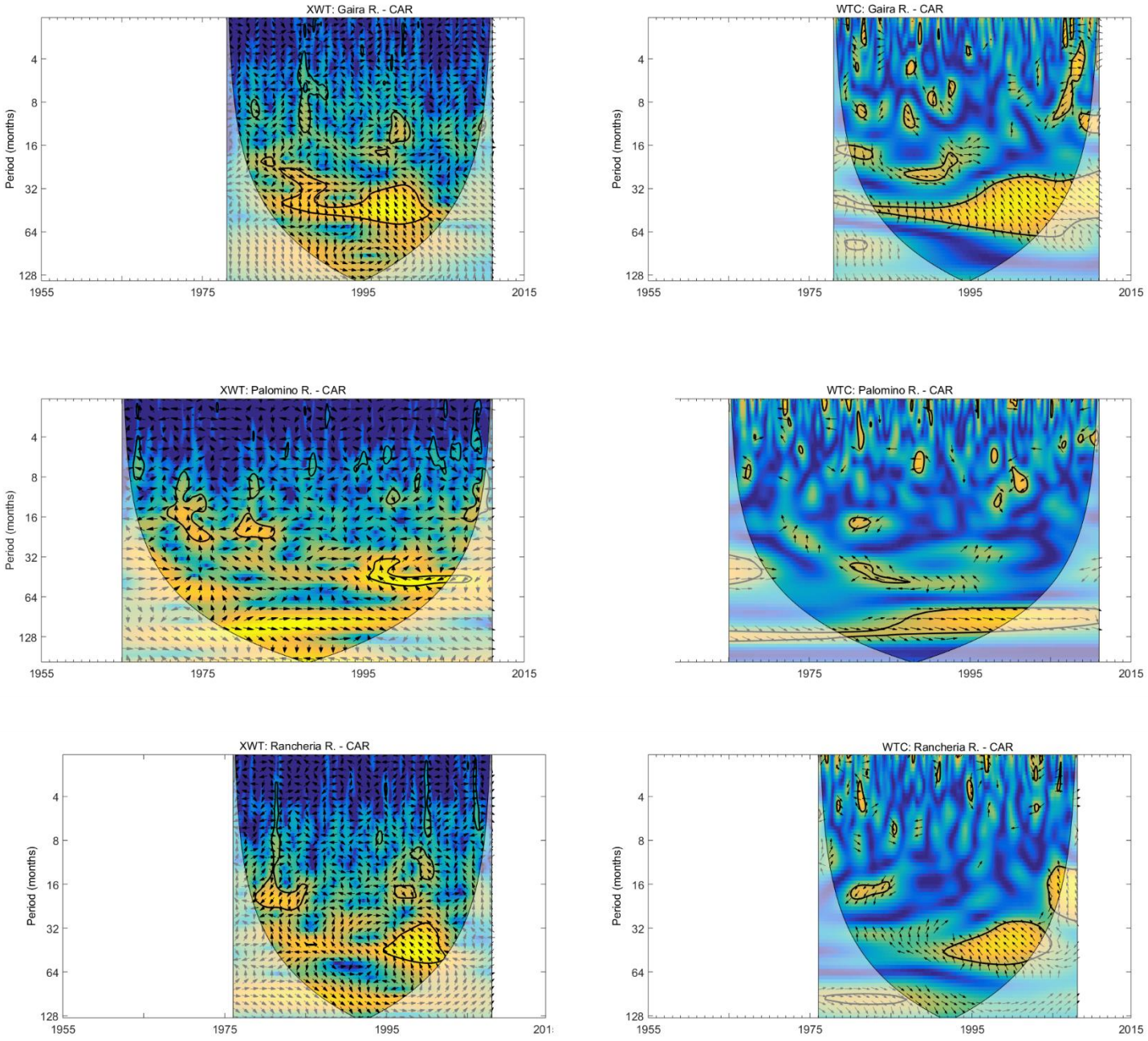

Fig. S2. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between CAR and the Gaira, Palomino, and Ranchería rivers.

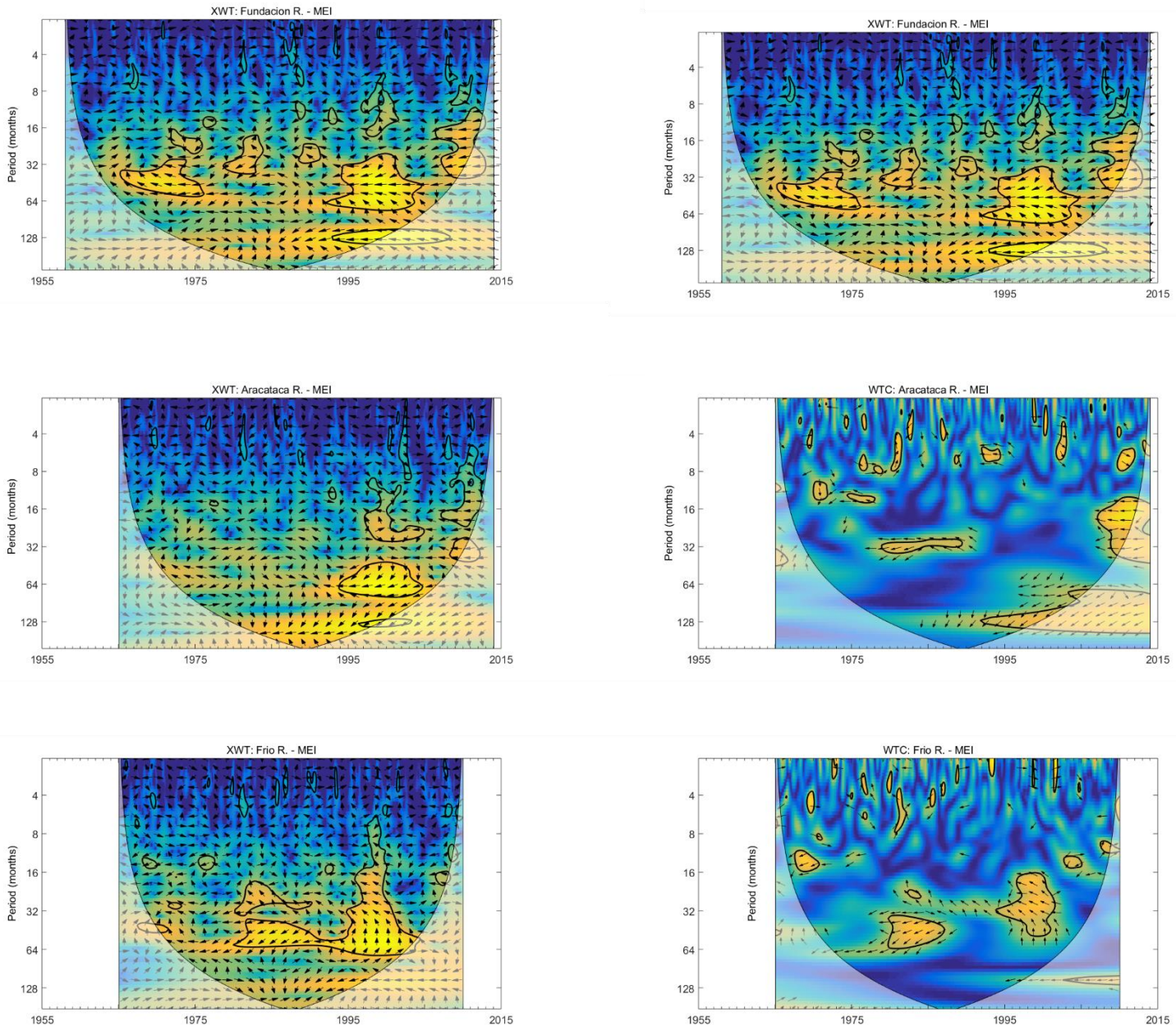

Fig. S3. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between MEI and the Fundación, Aracataca, and Frío rivers.

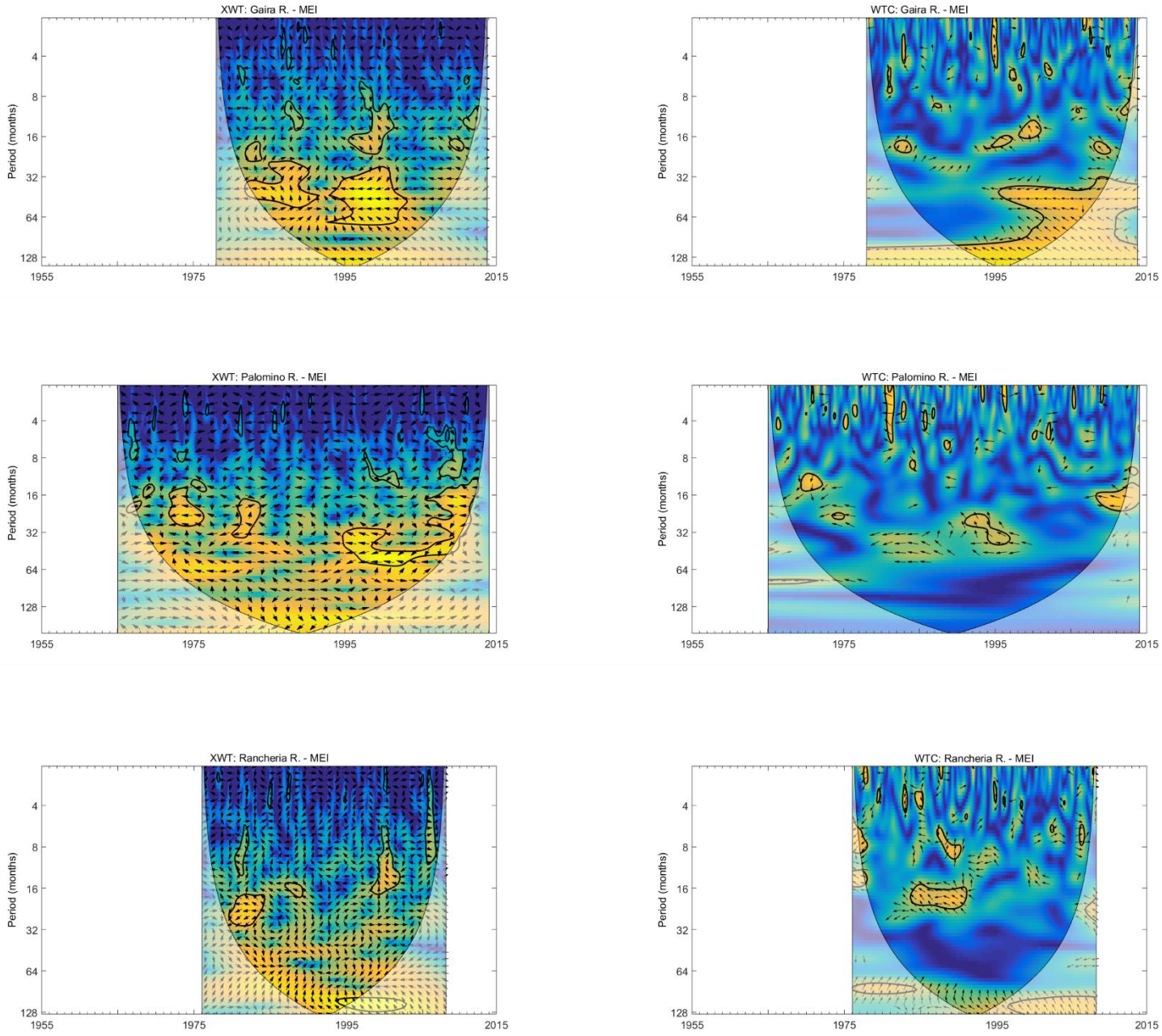

Fig. S4. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between MEI and the Gaira, Palomino, and Ranchería rivers.

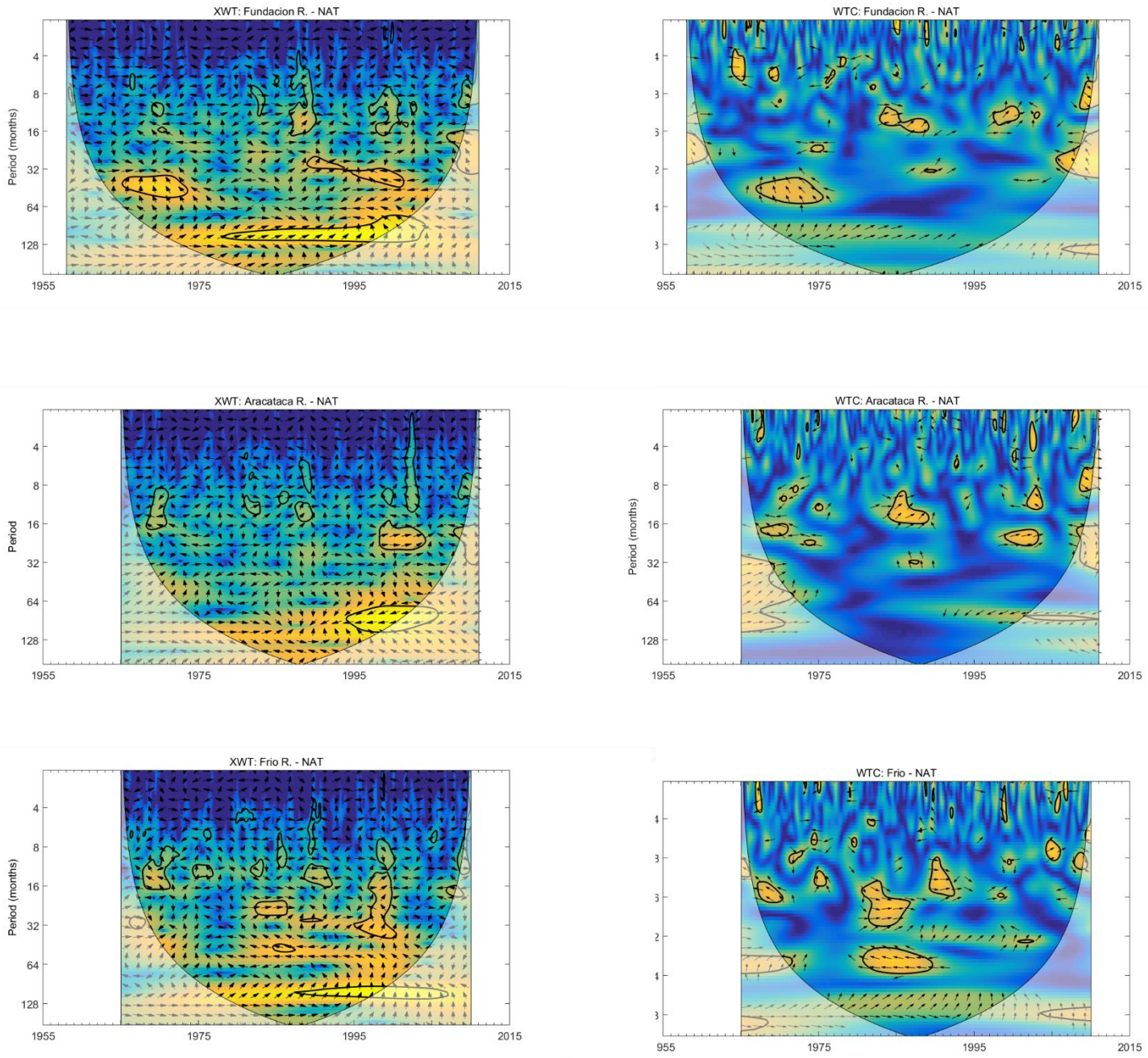

Fig. S5. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between NAT and the Fundación, Aracataca, and Frío rivers.

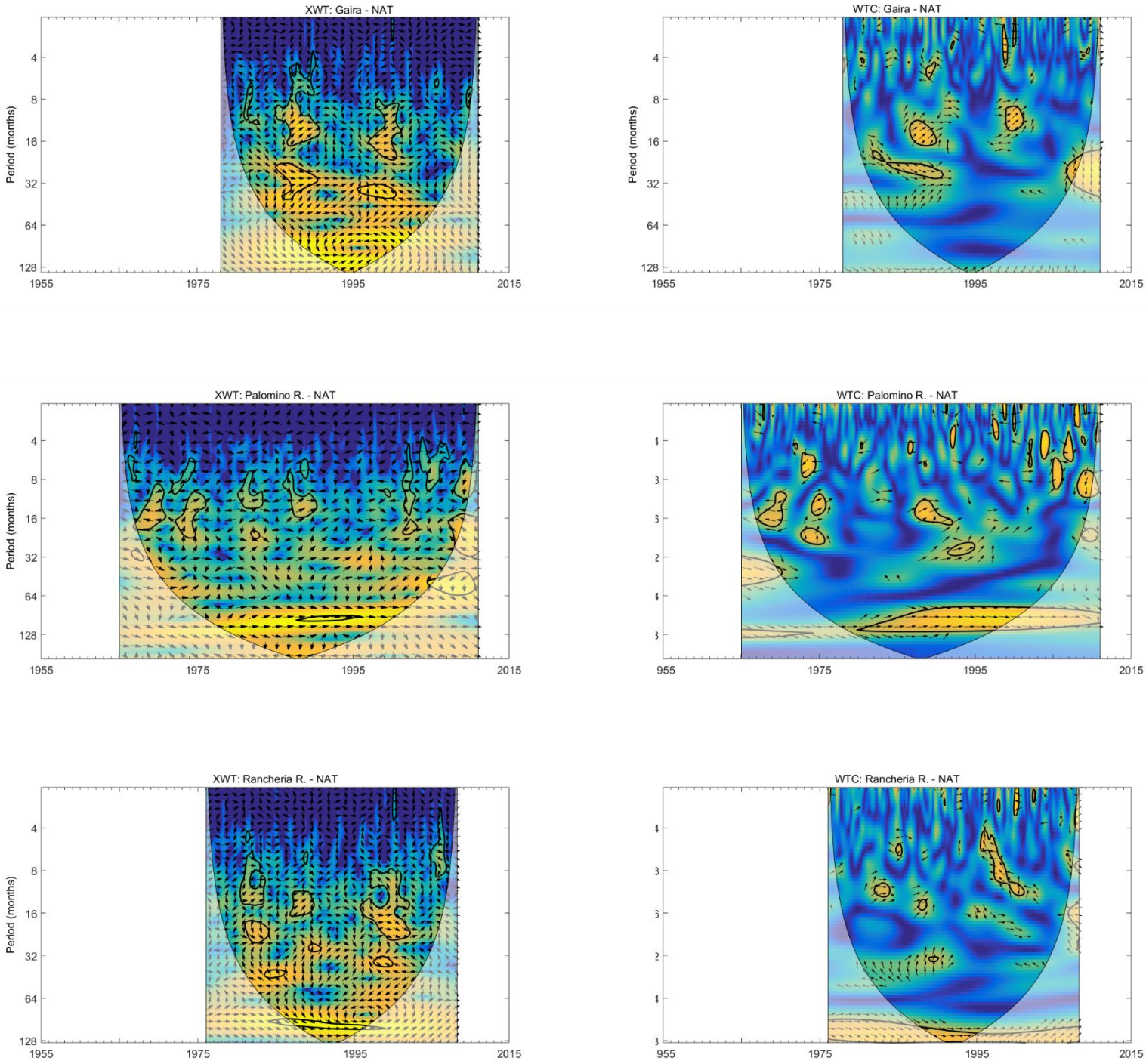

Fig. S6. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between NAT and the Gaira, Palomino, and Ranchería rivers.

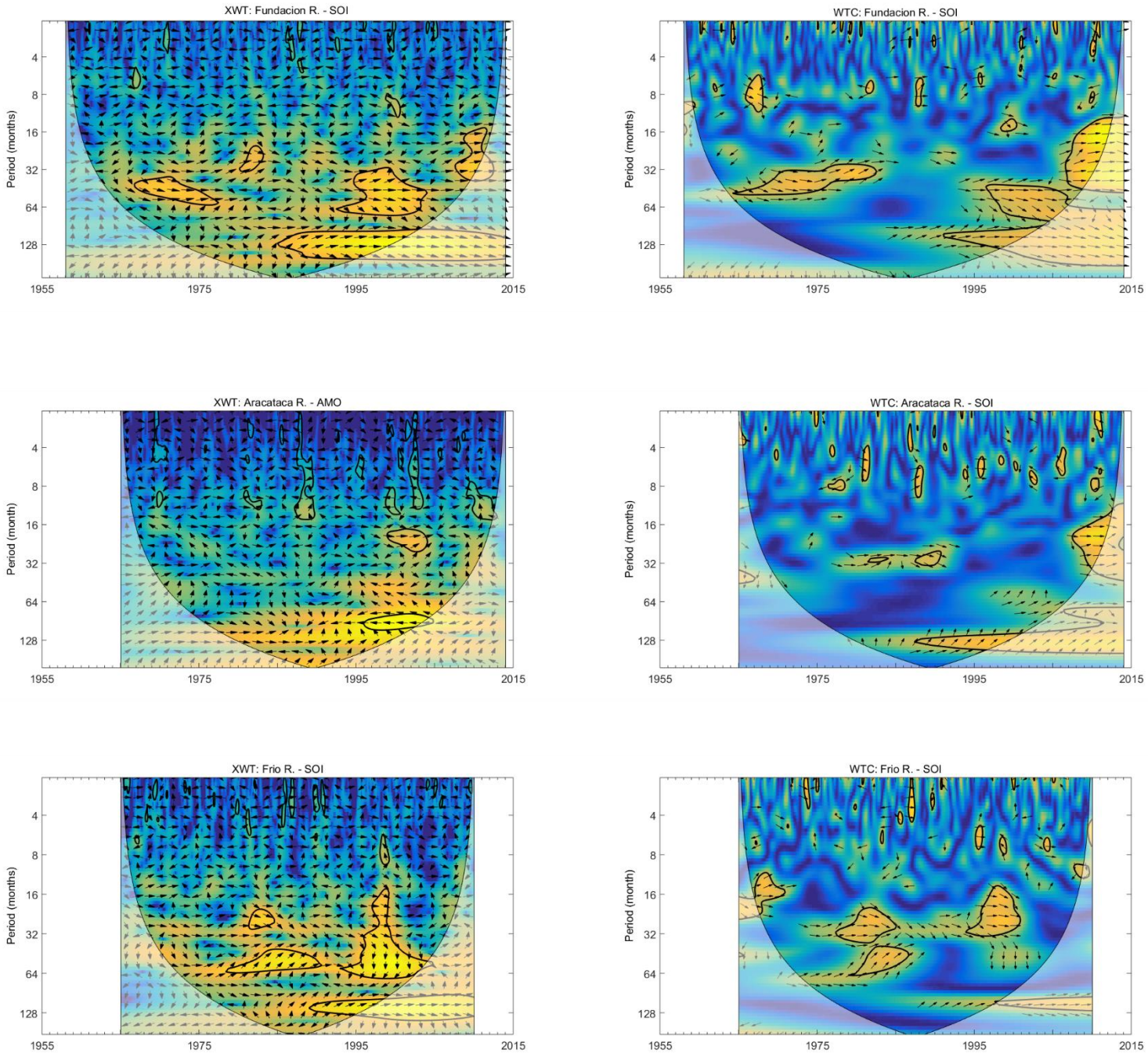

Fig. S7. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between SOI and the Fundación, Aracataca, and Frío rivers.

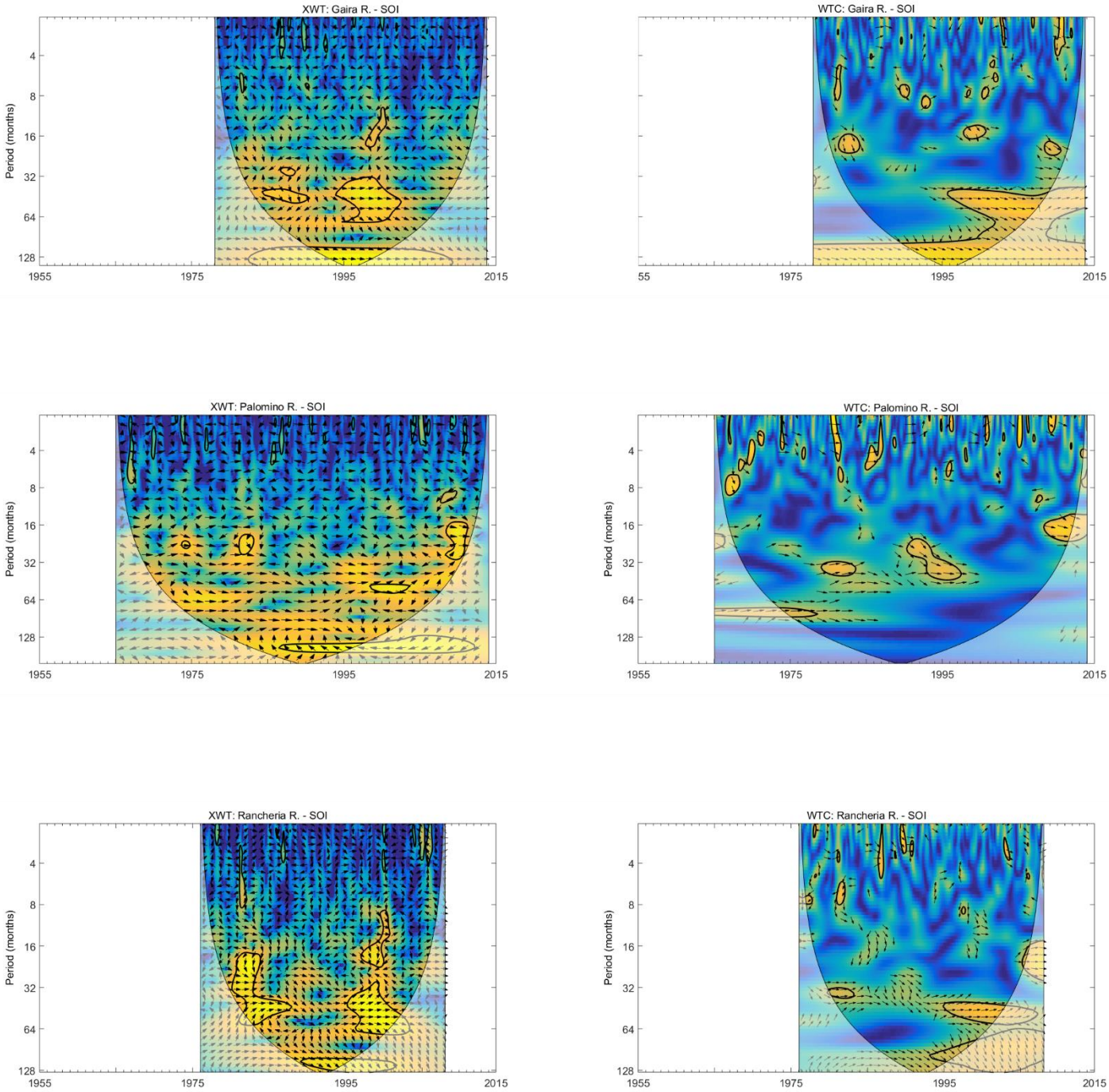

Fig. S8. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between SOI and the Gaira, Palomino, and Ranchería rivers.

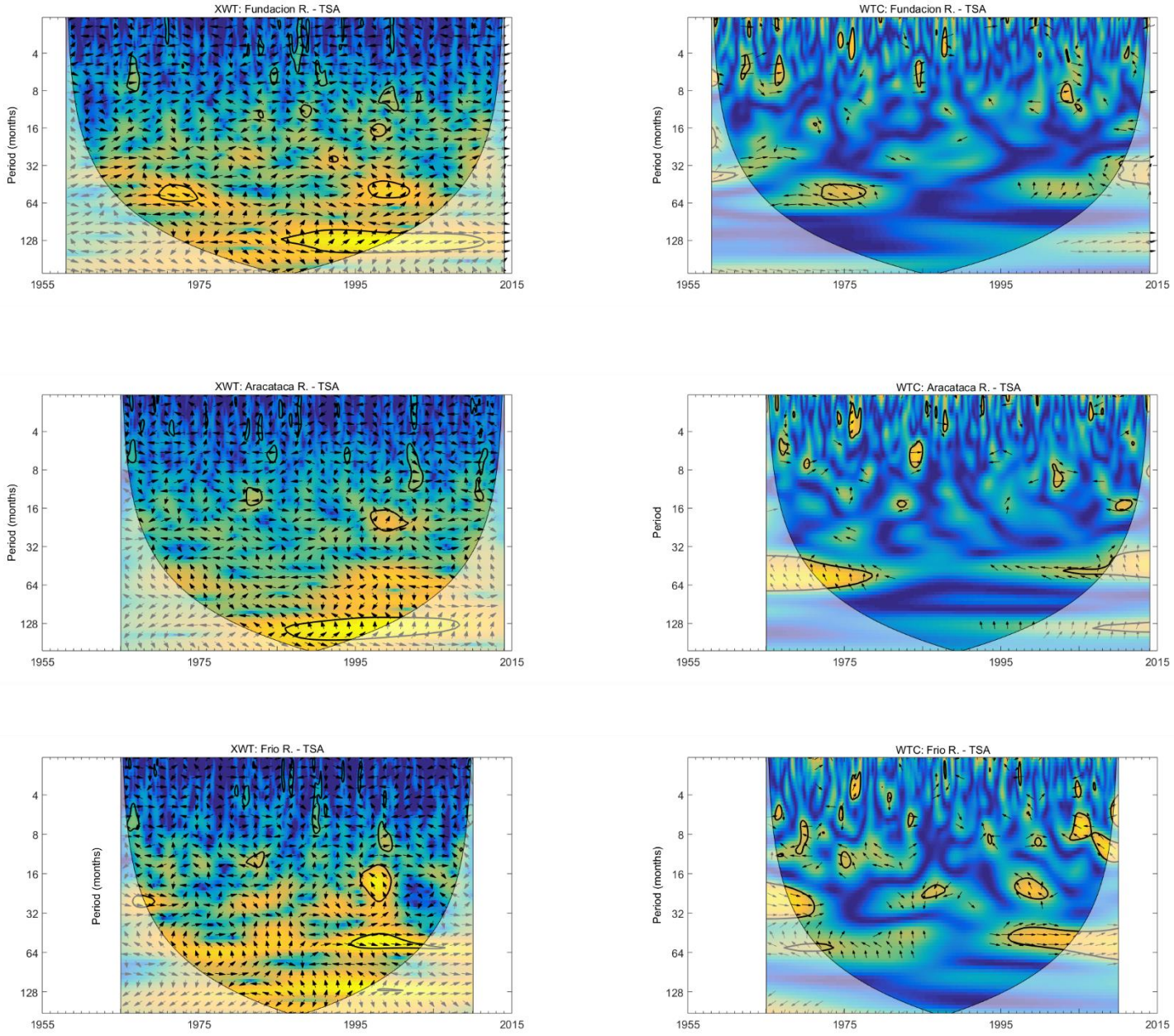

Fig. S9. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between TSA and the Fundación, Aracataca, and Frío rivers.

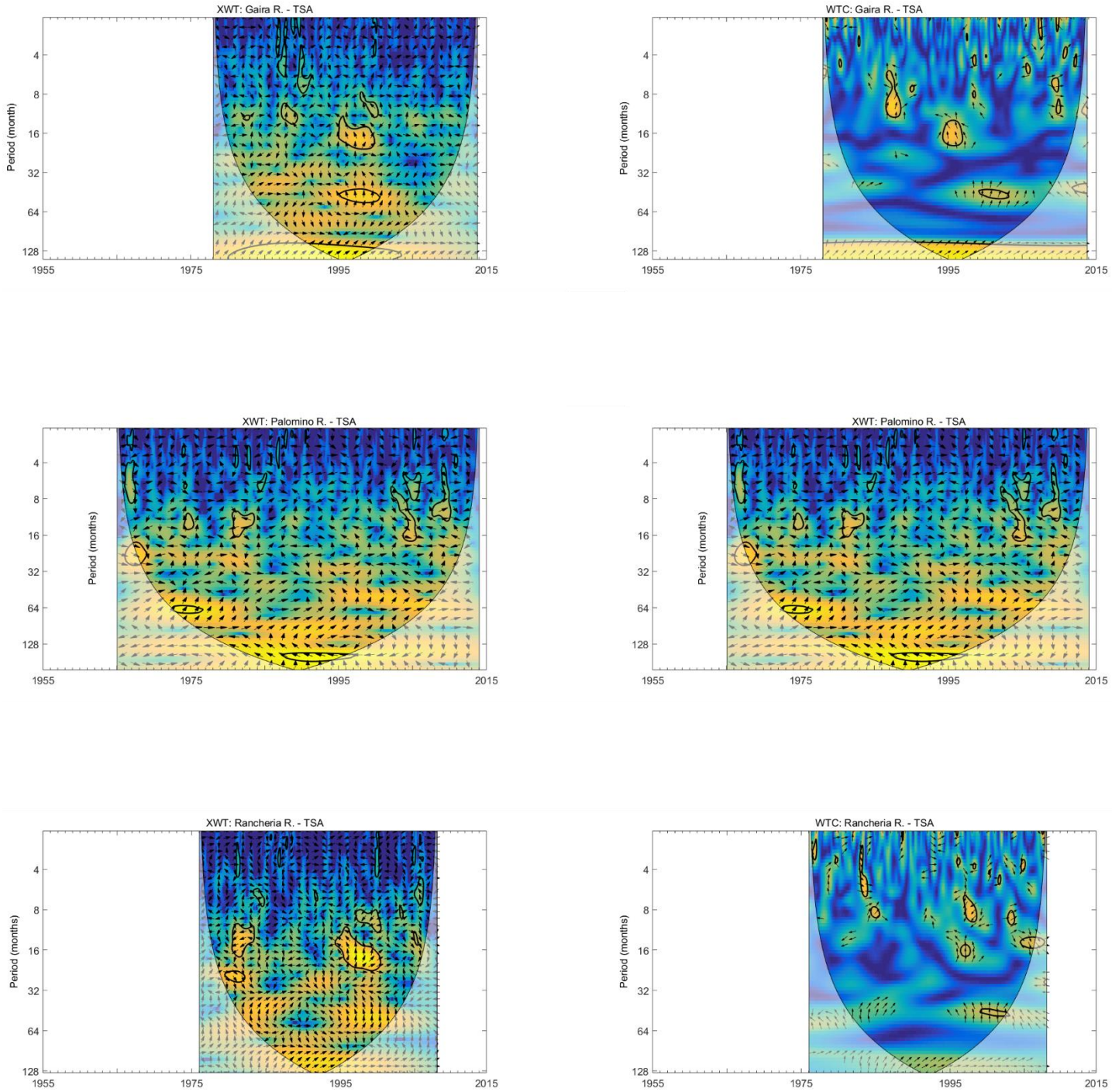

Fig. S10. Cross Wavelet Transform **(**XWT) and Wavelet Coherence (WTC) between TSA and the Gaira, Palomino, and Ranchería rivers.