**Table S2:** Bifurcation angles measured throughout the CoW. Twins within a pair were matched together. All data are in degrees. Refer to Figure 2 for locations of each angle.

Case	а	b	С	d	е	f	g	h
1	130.1	96.0	137.6	72.6	129.6	93.2	77.3	81.3
2	120.6	84.3	108.9	98.7	129.5	94.6	74.2	80.4
3	74.7	103.6	93.5	84.6	137.3	104.4	85.4	105.3
4	117.1	85.4	71.0	101.4	130.2	97.6	100.4	88.3
5	96.8	137.8	82.3	90.5	110.1	92.5	85.6	95.0
6	90.9	104.9	80.1	104.2	160.4	114.6	100.2	70.0
7	92.7	85.3	89.3	84.3	113.7	100.2	87.8	90.6
8	76.8	89.2	106.1	133.4	103.7	99.8	90.3	98.3
9	123.5	86.4	*	*	110.4	117.5	99.1	109.0
10	131.9	96.9	*	*	103.9	117.3	87.1	108.1
11	147.2	93.8	89.6	73.3	71.5	87.4	101.2	94.2
12	100.5	78.6	99.2	94.6	84.0	*	*	93.3
Mean	108.6	95.2	95.8	93.8	115.4	101.7	89.9	92.8
SD	23.1	15.6	18.8	17.7	24.0	10.5	9.4	11.8
	•		•	•				

<sup>\*</sup> Measurements were not possible in these regions