

	E11	E12	E13	E21	E22	E23	E31	E32	E33	E41	E42	E43	N11	N12	N13	N21	N22	N23	N31	N32	N33	N41	N42	N43
1a	13.0	14.0	16.0	10.0	13.0	11.0	12.5	15.0	14.0	15.0	20.0	17.0	15.0	19.0	12.0	13.0	18.0	16.0	13.0	15.0	12.0	15.0	13.0	14.0
2a	18.0	14.0	17.0	18.0	16.0	17.0	17.0	17.0	17.0	17.0	19.0	21.0	14.0	15.0	15.0	16.0	19.0	16.0	18.0	16.0	19.0	18.0	19.0	16.0
3a	20.0	23.0	19.0	20.0	22.0	20.0	20.5	20.0	20.0	22.0	25.0	21.0	25.0	20.0	19.0	20.0	20.0	21.0	18.0	19.0	20.0	20.0	19.0	19.0
4a	28.0	28.0	28.0	33.0	35.0	34.0	34.0	32.0	30.0	29.0	34.0	33.0	28.0	20.0	26.0	37.0	30.0	30.0	28.0	33.0	29.0	30.0	32.0	31.0
5a	27.0	33.0	29.0	32.0	33.0	32.0	29.0	31.0	31.0	29.0	33.0	29.0	29.0	30.0	31.0	30.0	32.0	26.0	29.0	27.0	30.0	30.0	34.0	29.0
6a	43.0	42.0	44.0	48.0	46.0	47.0	45.0	44.0	44.0	47.0	48.0	45.0	49.0	41.0	32.0	48.0	45.0	48.0	39.0	42.0	40.0	44.0	44.0	41.0
7a	21.0	24.0	25.0	24.0	25.0	27.0	24.5	26.0	24.0	26.0	25.0	26.0	22.0	23.0	22.0	26.0	21.0	28.0	23.0	26.0	25.0	23.0	27.0	24.0
8a	45.0	43.0	43.0	45.0	45.0	46.0	47.0	47.0	43.0	47.0	47.0	45.0	53.0	42.0	47.0	45.0	39.0	42.0	44.0	42.0	46.0	48.0	47.0	46.0
9a	38.0	36.0	41.0	38.0	39.0	39.0	37.0	36.0	37.0	36.0	36.0	38.0	35.0	35.0	37.0	34.0	36.0	39.0	36.0	36.0	36.0	36.0	37.0	38.0
10a	19.0	16.0	21.0	17.0	23.0	20.0	21.0	21.0	19.0	22.0	21.0	21.0	18.0	18.0	15.0	23.0	20.0	20.0	16.0	15.0	17.0	18.0	16.0	19.0
11a	28.0	28.0	27.0	26.0	33.0	30.0	27.0	25.0	26.0	28.0	30.0	26.0	25.0	22.0	29.0	28.0	29.0	27.0	24.0	24.0	26.0	27.0	28.0	26.0
12a	35.0	34.0	36.0	38.0	38.0	39.0	36.0	37.0	35.0	38.0	35.0	37.0	34.0	36.0	37.0	37.0	34.0	35.0	35.0	34.0	35.0	35.0	36.0	35.0
13a	58.0	57.0	59.0	59.0	60.0	58.0	55.0	55.0	55.0	53.0	57.0	58.0	58.0	56.0	53.0	54.0	58.0	54.0	57.0	57.0	57.0	55.0	55.0	59.0
14a	29.5	32.0	29.0	30.0	31.0	32.0	31.0	31.0	30.0	31.0	31.0	33.0	29.0	27.0	26.0	30.0	30.0	35.0	30.0	27.0	29.0	30.0	31.0	29.0
15a	66.0	66.0	70.0	71.0	70.0	67.0	66.0	68.0	71.0	66.0	67.0	65.0	76.0	69.0	65.0	58.0	60.0	64.0	57.0	63.0	67.0	68.0	71.0	67.0
16a	24.0	20.0	25.0	18.0	20.0	20.0	25.0	24.0	24.0	21.0	25.0	26.0	20.0	21.0	22.0	24.0	19.0	21.0	20.0	26.0	19.0	22.0	25.0	24.0
17a	59.0	58.0	59.0	58.0	58.0	59.0	55.0	57.0	55.0	62.0	58.0	58.0	53.0	42.0	56.0	57.0	55.0	55.0	56.0	55.0	57.0	58.0	56.0	59.0
18a	55.0	55.0	58.0	59.0	60.0	60.0	55.0	55.0	54.0	54.0	52.0	54.0	57.0	57.0	49.0	59.0	60.0	55.0	53.0	55.0	51.0	59.0	58.0	59.0
19a	36.0	40.0	36.0	36.0	40.0	36.0	40.0	40.0	40.0	39.0	39.0	37.0	39.0	36.0	36.0	42.0	43.0	43.0	38.0	38.0	39.0	27.0	40.0	40.0
20a	14.0	18.0	15.0	14.0	15.0	13.0	14.0	15.0	15.0	17.0	17.0	18.0	12.0	15.0	18.0	17.0	17.0	16.0	15.0	15.0	16.0	15.0	18.0	18.0
21a	62.0	59.0	55.0	63.0	63.0	57.0	63.0	66.0	65.0	64.0	64.0	59.0	75.0	66.0	65.0	60.0	59.0	59.0	61.0	61.0	64.0	66.0	66.0	64.0
3b	19.0	13.0	17.0	18.0	18.0	18.0	18.0	19.0	19.0	18.0	20.0	18.0	20.0	17.0	16.0	19.0	20.0	18.0	17.0	18.0	17.0	18.0	17.0	17.0
4b	20.0	22.0	24.0	26.0	28.0	26.0	28.0	25.0	26.0	23.0	30.0	25.0	23.0	24.0	25.0	28.0	27.0	24.0	23.0	25.0	24.0	28.0	22.0	26.0
6b	29.0	30.0	29.0	33.0	31.0	31.0	28.0	29.0	33.0	32.0	32.0	33.0	25.0	32.0	19.0	30.0	33.0	34.0	30.0	30.0	29.0	28.0	31.0	29.0
7b	17.0	17.0	19.0	16.0	16.0	19.0	16.5	18.0	16.0	16.0	18.0	16.0	14.0	15.0	16.0	21.0	15.0	15.0	16.0	24.0	16.0	17.0	26.0	17.0
10b	17.0	15.0	17.0	17.0	18.0	18.0	16.0	15.0	17.0	16.0	20.0	18.0	15.0	16.0	15.0	15.0	18.0	17.0	14.0	14.0	16.0	17.0	16.0	15.0
11b	25.0	25.0	23.0	24.0	24.0	26.0	23.0	24.0	24.0	25.0	27.0	24.0	24.0	20.0	26.0	25.0	27.0	22.0	22.0	23.0	25.0	25.0	27.0	16.0
12b	33.0	33.0	35.0	35.0	33.0	34.0	32.0	32.0	32.0	33.0	29.0	34.0	31.0	33.0	27.0	34.0	32.0	33.0	33.0	30.0	34.0	34.0	35.0	31.0
13b	34.0	34.0	31.0	38.0	39.0	40.0	34.0	36.0	38.0	39.0	40.0	38.0	37.0	33.0	36.0	35.0	40.0	38.0	38.0	36.0	37.0	36.0	37.0	36.0
14b	28.0	28.0	27.0	25.0	28.0	25.0	26.0	28.0	26.0	26.0	27.0	28.0	25.0	20.0	20.0	29.0	29.0	30.0	24.0	22.0	24.0	28.0	25.0	25.0
15b	51.0	51.0	45.0	46.0	50.0	52.0	49.0	51.0	50.0	48.0	44.0	44.0	45.0	51.0	46.0	50.0	46.0	45.0	44.0	44.0	41.0	45.0	46.0	45.0
16b	16.0	16.0	19.0	16.0	17.0	20.0	19.0	19.0	19.0	18.0	19.0	18.0	19.0	14.0	15.0	18.0	12.0	15.0	17.0	17.0	18.0	19.0	35.0	22.0
17b	39.0	40.0	40.0	40.0	40.0	40.0	39.0	39.0	39.0	40.0	37.0	39.0	37.0	35.0	35.0	37.0	41.0	37.0	39.0	36.0	38.0	39.0	41.0	40.0
18b	35.0	35.0	39.0	38.0	38.0	40.0	39.0	38.0	37.0	38.0	36.0	35.0	39.0	38.0	38.0	42.0	32.0	43.0	37.0	37.0	23.0	40.0	37.0	40.0
21b	49.0	49.0	50.0	50.0	50.0	50.0	49.0	49.0	49.0	39.0	40.0	40.0	46.0	46.0	49.0	48.0	50.0	53.0	45.0	39.0	49.0	50.0	53.0	50.0

Table S1b. Cobb angle values (in degrees) of each curve obtained by each observer and in each series of measurements, with the manual method. Xa is the primary curve, and Xb is the secondary or compensating curve of the RX number X (X1 to X21). The first digit of the column descriptors corresponds to the observer and the second to the measurement series (e.g., E21 is equivalent to the first measurement of the “Expert observer” number 2). E, a measurement obtained by the “Expert observer”; N, the measurement from the “Novel observer”.