

Key comparison CCAUV.V-K2

DEVICE : Back-to-Back Accelerometer

MEASURAND : Phase

FREQUENCIES : 10 Hz, 40 Hz, 80 Hz, 160 Hz, 800 Hz, 2 kHz, 5 kHz and 10 kHz

The laboratories' individual measurement may be found in Section 7.2.2 of the Final Report (starting page 21).

The computation of the key comparison reference value, x_R , and of its expanded uncertainty ($k = 2$), U_R , is explained in Section 8 of the Final Report.

10 Hz		40 Hz		80 Hz		160 Hz	
x_R	U_R	x_R	U_R	x_R	U_R	x_R	U_R
l°	l°	l°	l°	l°	l°	l°	l°
180.060	0.107	180.004	0.100	179.993	0.102	179.989	0.103

800 Hz		2 kHz		5 kHz		10 kHz	
x_R	U_R	x_R	U_R	x_R	U_R	x_R	U_R
l°	l°	l°	l°	l°	l°	l°	l°
179.949	0.089	179.946	0.097	179.868	0.099	179.586	0.294

The degree of equivalence of laboratory i with respect to the key comparison reference value is given by a pair of terms: D_i and its expanded uncertainty ($k = 2$), U_i , computed as explained in Section 8 of the Final Report.

The pair-wise degrees of equivalence are available from the Final Report starting on page 58.

Key comparison CCAUV.V-K2

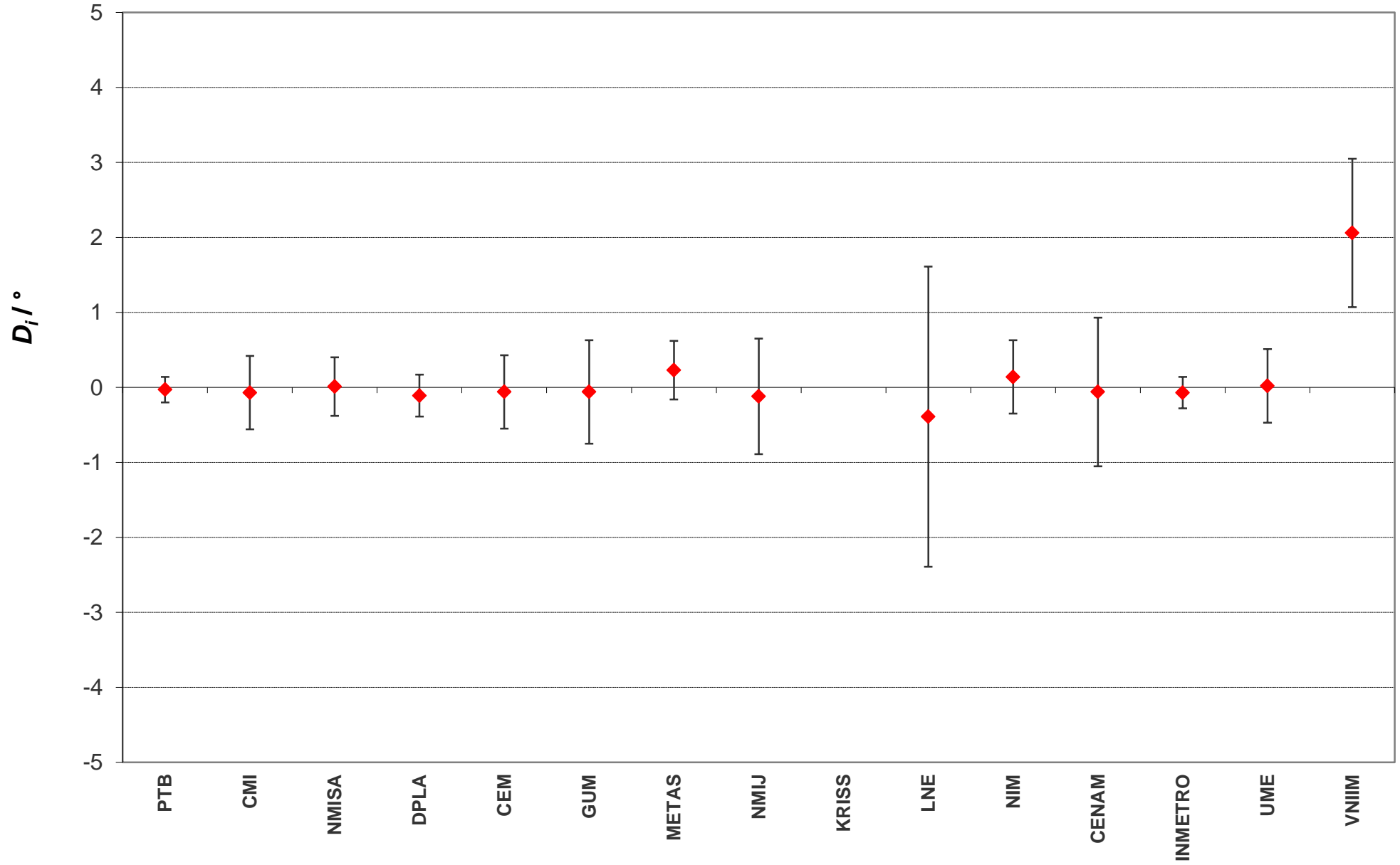
DEVICE : Back-to-Back Accelerometer

MEASURAND : Phase

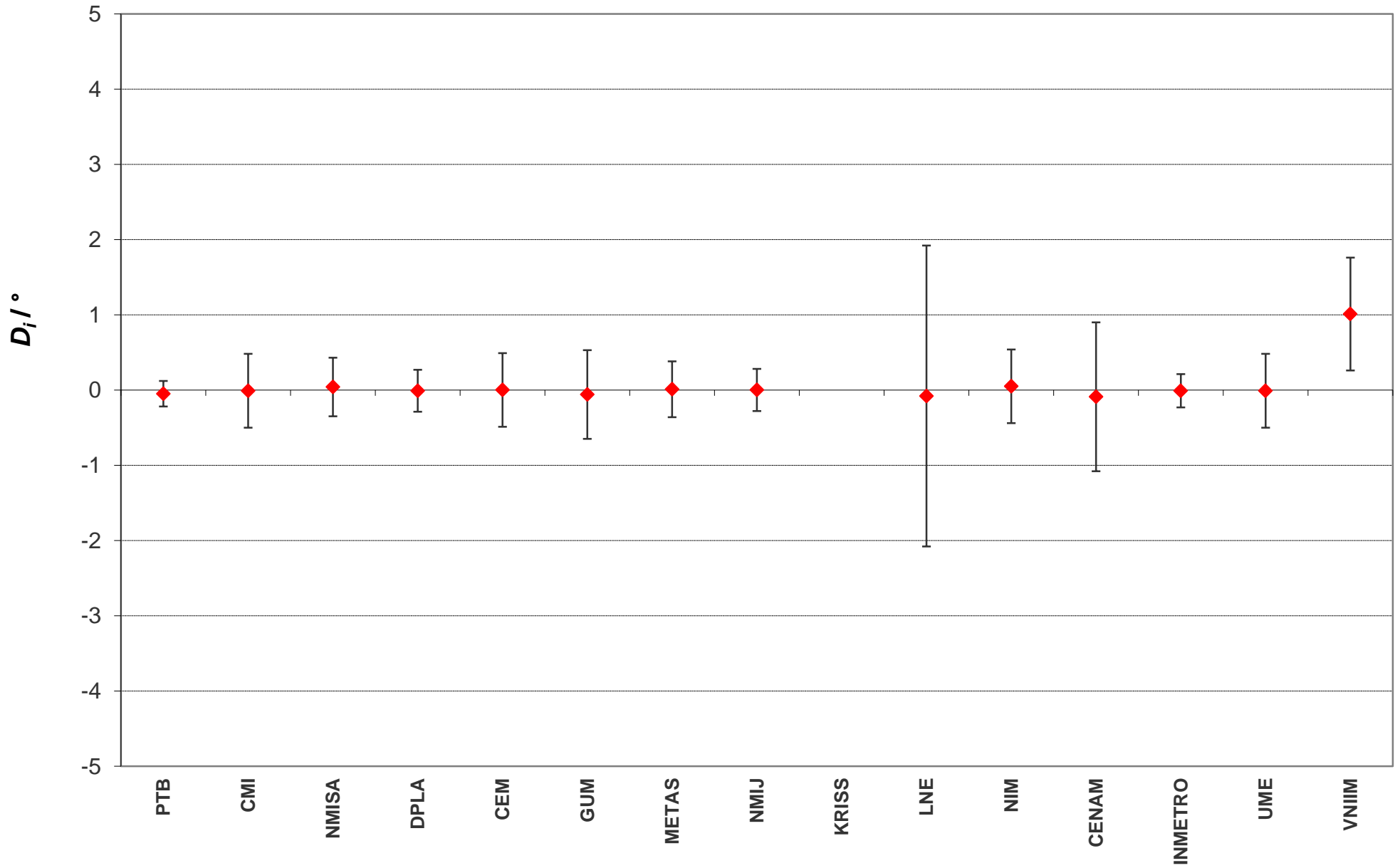
FREQUENCIES : 10 Hz, 40 Hz, 80 Hz, 160 Hz, 800 Hz, 2 kHz, 5 kHz and 10 kHz

Lab <i>i</i>	10 Hz		40 Hz		80 Hz		160 Hz		800 Hz		2 kHz		5 kHz		10 kHz	
	D_i	U_i	D_i	U_i	D_i	U_i	D_i	U_i	D_i	U_i	D_i	U_i	D_i	U_i	D_i	U_i
	1°		1°		1°		1°		1°		1°		1°		1°	
PTB	-0.03	0.17	-0.05	0.17	-0.03	0.17	-0.02	0.17	0.02	0.18	-0.05	0.49	-0.10	0.49	-0.02	0.40
CMI	-0.07	0.49	-0.01	0.49	-0.03	0.49	-0.02	0.49	-0.23	0.49	-0.68	0.49	-1.63	0.51	-3.17	0.58
NMISA	0.01	0.39	0.04	0.39	0.07	0.39	0.07	0.39	0.09	0.39	0.02	0.49	-0.03	0.79	0.17	0.74
DPLA	-0.11	0.28	-0.01	0.28	-0.01	0.28	-0.02	0.28	-0.05	0.29	-0.14	0.28	-0.32	0.28	-0.38	0.96
CEM	-0.06	0.49	0.00	0.49	0.01	0.49	0.01	0.49	0.05	0.49	0.15	1.00	0.23	1.00	1.21	1.98
GUM	-0.06	0.69	-0.06	0.59	-0.04	0.59	-0.05	0.59	0.06	0.59	0.12	0.59	0.31	0.79	0.69	0.96
METAS	0.23	0.39	0.01	0.37	-0.04	0.37	0.00	0.37	0.06	0.37	0.04	0.47	0.16	0.47	0.41	1.78
NMIJ	-0.12	0.77	0.00	0.28	-0.01	0.32	-0.04	0.39	-0.02	0.13	0.08	0.10	0.07	0.07	0.62	0.32
KRISS																
LNE	-0.39	2.00	-0.08	2.00	0.19	2.00	0.12	2.00	0.20	2.00	0.43	5.00	1.06	5.00	2.32	4.99
NIM	0.14	0.49	0.05	0.49	0.04	0.49	0.00	0.49	-0.06	0.49	-0.22	0.49	-0.69	0.49	-1.11	0.96
CENAM	-0.06	0.99	-0.09	0.99	-0.05	0.99	0.00	0.99	0.00	1.00	-0.10	1.00	-0.14	1.00	0.01	0.96
INMETRO	-0.07	0.21	-0.01	0.22	0.00	0.22	0.02	0.22	0.07	0.22	0.12	0.22	0.30	0.49	0.75	0.96
UME	0.02	0.49	-0.01	0.49	0.00	0.49	-0.03	0.49	-0.05	0.49	-0.36	1.00	-0.78	1.00	-1.61	1.47
VNIIM	2.06	0.99	1.01	0.75	0.66	0.75	0.22	0.75	-0.30	0.75	-0.91	0.75	-1.43	1.00	-3.42	1.53

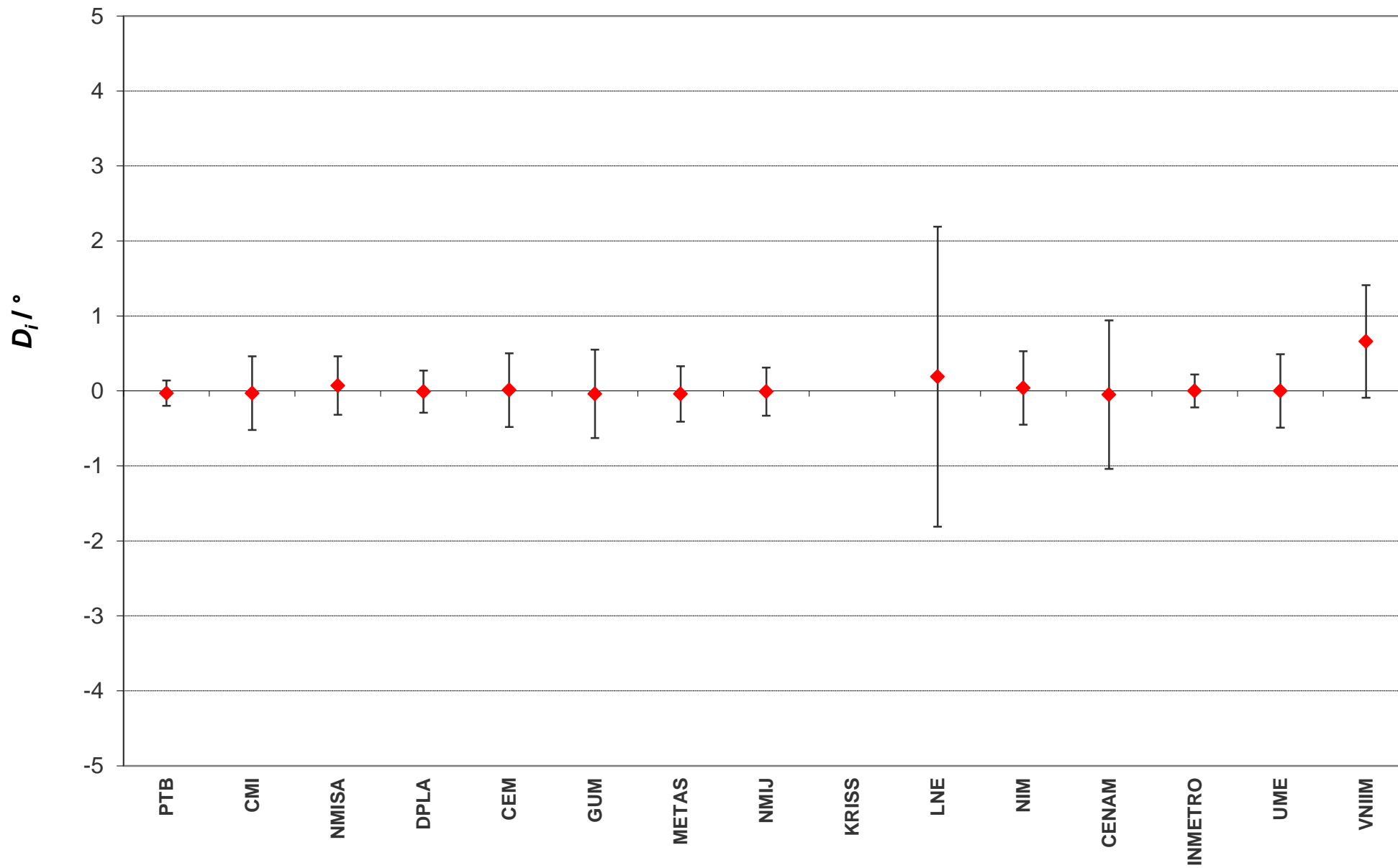
CCAUV.V-K2 Back-to-Back Accelerometer (phase) 10 Hz



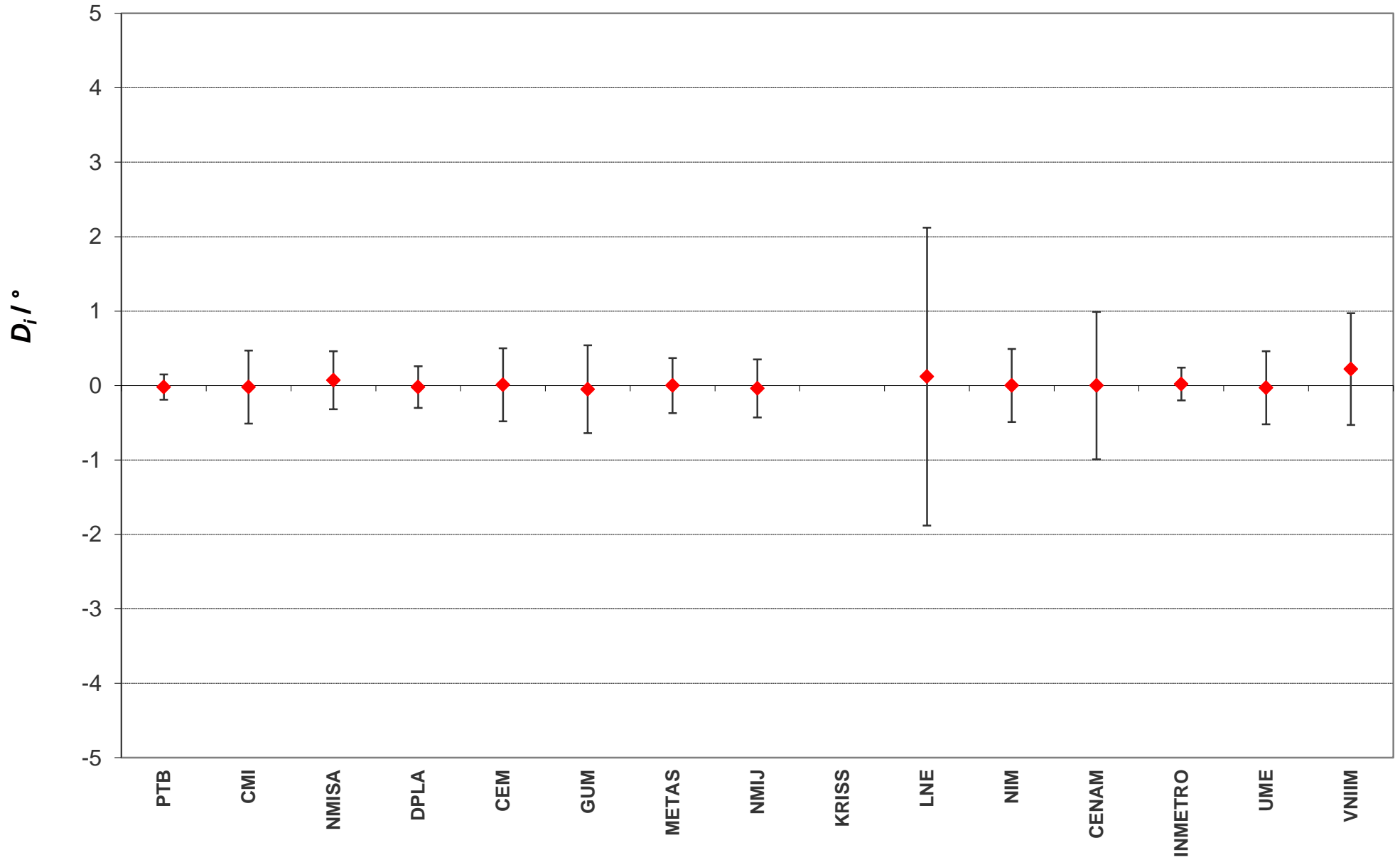
CCAU.V-K2 Back-to-Back Accelerometer (phase) 40 Hz



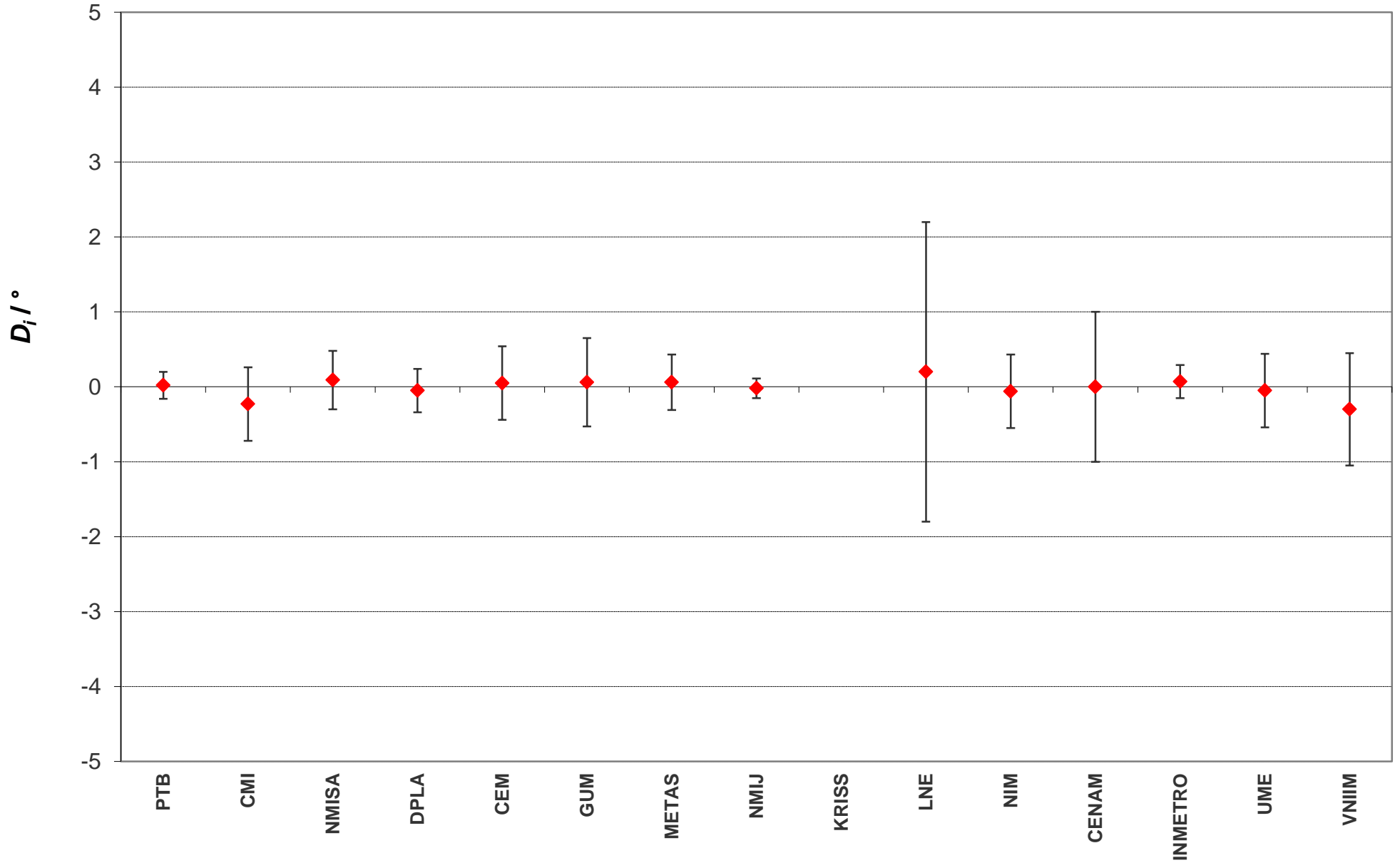
CCAUV.V-K2 Back-to-Back Accelerometer (phase) 80 Hz



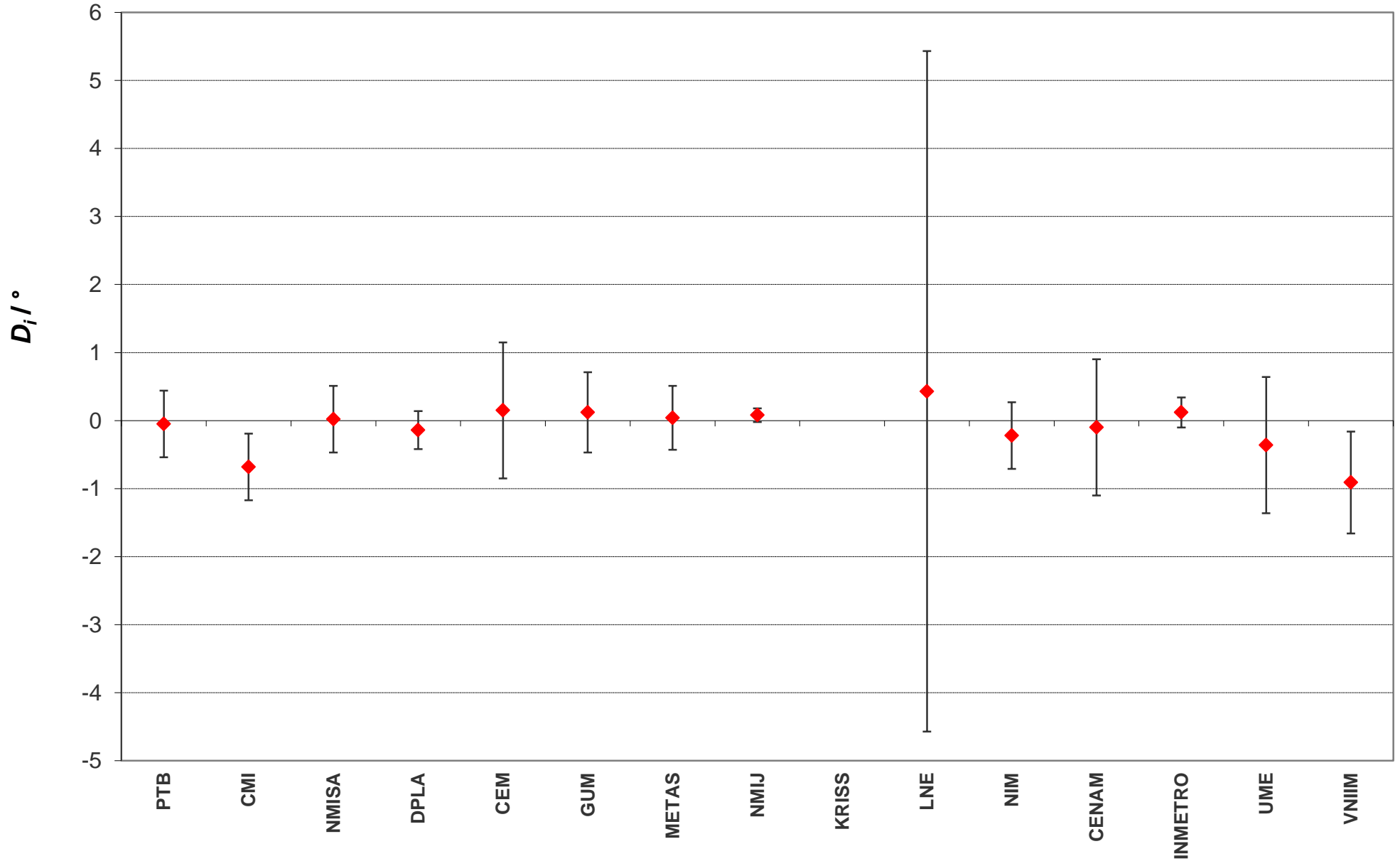
CCAUV.V-K2 Back-to-Back Accelerometer (phase) 160 Hz



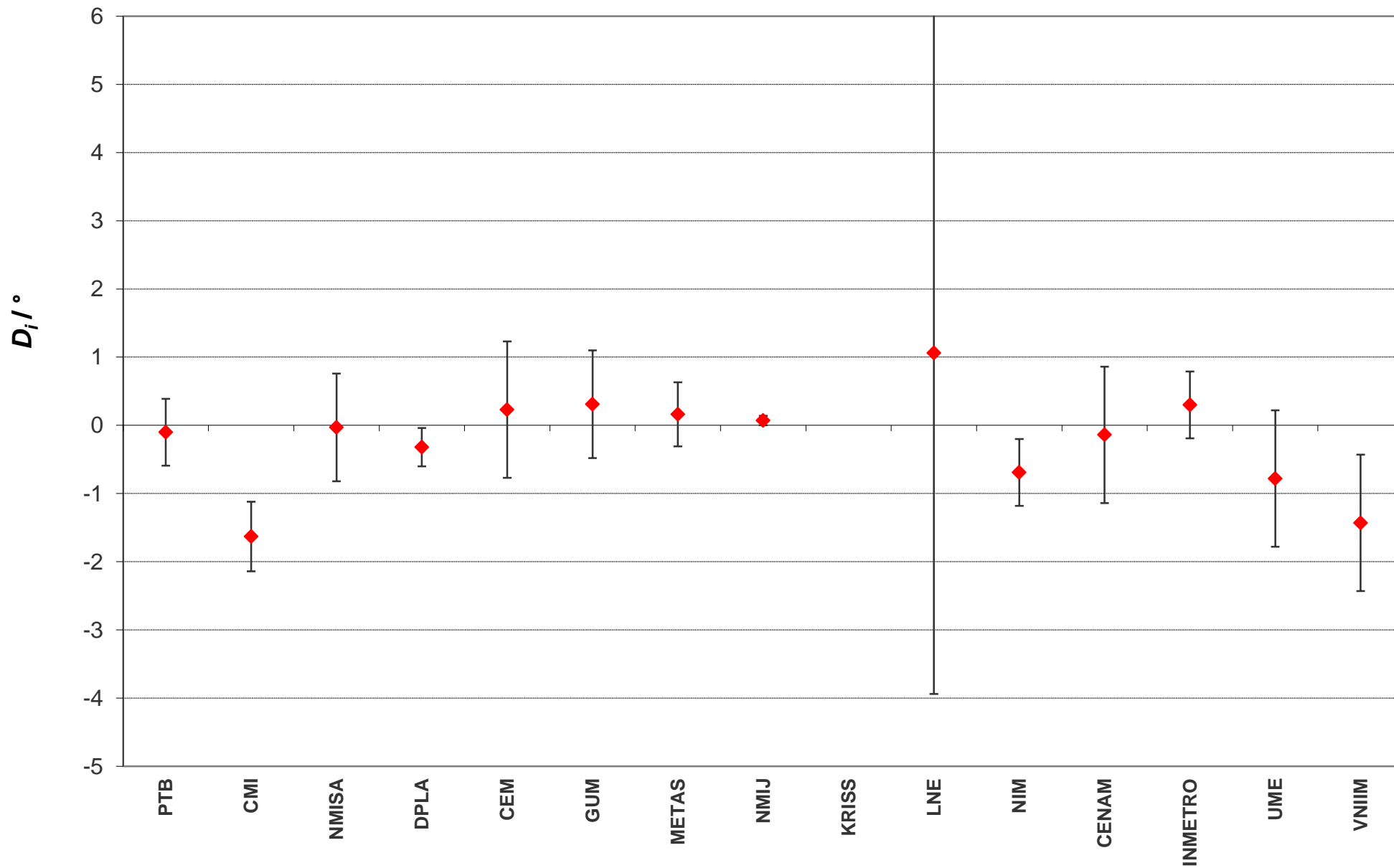
CCAU.V-K2 Back-to-Back Accelerometer (phase) 800 Hz



CCAUV.V-K2 Back-to-Back Accelerometer (phase) 2 kHz



CCAUV.V-K2 Back-to-Back Accelerometer (phase) 5 kHz



CCAUV.V-K2 Back-to-Back Accelerometer (phase) 10 kHz

