

# Localisation

## Detectors A and B only

Dataset	True $\theta_{\text{GW}}$	$t_B - t_A$ [ms]	$\theta_{\text{B-A}}$ (1) [deg]	$\theta_{\text{B-A}}$ (2) [deg]
1	155.3	-9.09	155.3	204.7
2	46.9	6.83	46.9	313.1
3	76.2	2.39	76.2	283.8
4	242.1	-4.68	117.9	242.1
5	63.5	4.46	63.5	296.5
6	105.4	-2.66	105.4	254.6
7	35.4	8.15	35.4	324.6
8	334.1	9.0	25.9	334.1

## With Detector C

Dataset	True $\theta_{\text{GW}}$	$t_C - t_B$ [ms]	$\theta_{\text{C-B}}$ (1) [deg]	$\theta_{\text{C-B}}$ (2) [deg]	$t_C - t_A$ [ms]	$\theta_{\text{C-A}}$ (1) [deg]	$\theta_{\text{C-A}}$ (2) [deg]
1	155.3	0.92	324.7	155.3	-8.16	84.7	155.3
2	46.9	-9.74	46.9	73.1	-2.91	46.9	193.1
3	76.2	-9.6	43.8	76.2	-7.22	76.2	163.8
4	242.1	9.99	237.9	242.1	5.31	357.9	242.1
5	63.5	-9.98	56.5	63.5	-5.52	63.5	176.5
6	105.4	-7.02	14.6	105.4	-9.68	105.4	134.6
7	35.4	-9.09	35.4	84.6	-0.94	35.4	204.6
8	334.1	-0.71	145.9	334.1	8.28	265.9	334.1

## Distance

Dataset	Time ( $\tau$ ) [s]	Frequency ( $f$ ) [Hz]	Amplitude ( $h$ ) $\times 10^{22}$	$D$ [m]	$D$ [Mly]
1	8.81	18.41	0.78	9.74e+24	1029.86
2	8.79	17.12	0.65	1.35e+25	1423.71
3	8.66	12.15	0.54	3.29e+25	3477.62
4	6.88	10.66	0.96	3.03e+25	3198.13
5	5.58	10.71	1.93	1.84e+25	1946.58
6	2.48	11.12	0.8	9.24e+25	9766.42
7	4.02	10.84	3.46	1.39e+25	1467.39
8	3.76	10.85	0.85	6.04e+25	6384.67

## Mass

Dataset	$M_{ch}^5 [M_{\odot}^5]$	$M_{ch} [M_{\odot}]$	Mass ratio	$M_1 [M_{\odot}]$	$M_2 [M_{\odot}]$
1	30000.0	7.86	1.47	10.98	7.48
2	54000.0	8.84	2.0	14.54	7.27
3	880000.0	15.44	1.64	22.88	13.92
4	5000000.0	21.87	1.5	30.89	20.59
5	9000000.0	24.6	1.2	30.98	25.82
6	76000000.0	37.68	1.43	51.9	36.33
7	22000000.0	29.36	1.17	36.45	31.24
8	26000000.0	30.51	1.33	40.55	30.42

# Hubble Constant

Dataset	Galaxy Name	Angle	Redshift	Velocity (km/s)	Distance (Mpc)	H0 (km/s/MPc)
1	GW170608	155.3	0.07	21000.0	320.0	65.63
2	GW151226	46.9	0.09	27000.0	440.0	61.36
3	GW151012	76.2	0.2	60000.0	1100.0	54.55
4	GW170104	242.1	0.19	57000.0	960.0	59.38
5	GW170814	63.5	0.12	36000.0	580.0	62.07
6	GW170729	105.4	0.48	144000.0	2800.0	51.43
7	GW150914	35.4	0.09	27000.0	430.0	62.79
8	GW170823	334.1	0.34	102000.0	1900.0	53.68