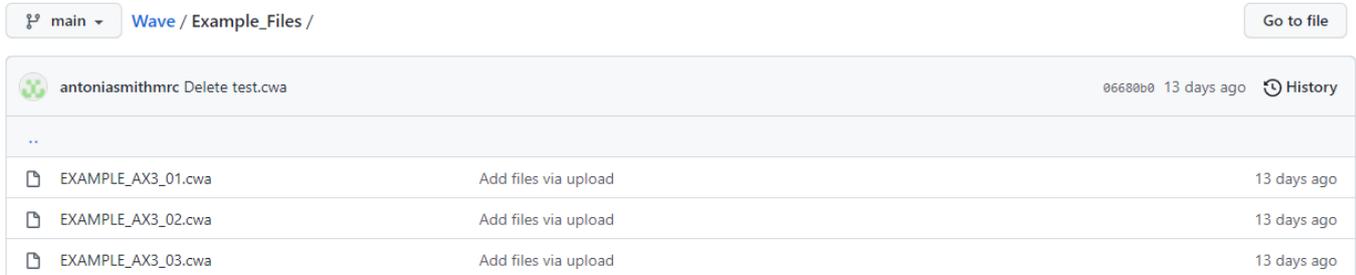


RUNNING EXAMPLE FILES THROUGH WAVE (CHECKING FUNCTIONALITY)

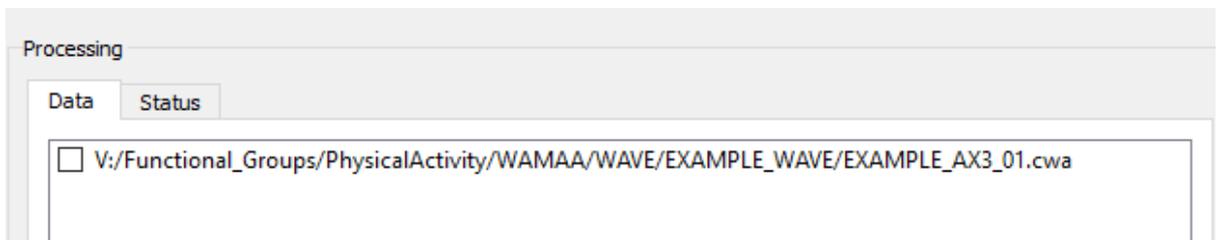
Once you have downloaded the latest .exe file for your operating system, please run the small example file through – following the steps below.

1. Create a folder on your computer called EXAMPLE_WAVE
2. Download one example file (**EXAMPLE_AX3_01.cwa**) from - https://github.com/MRC-Epid/Wave/tree/main/Example_Files and place in the folder



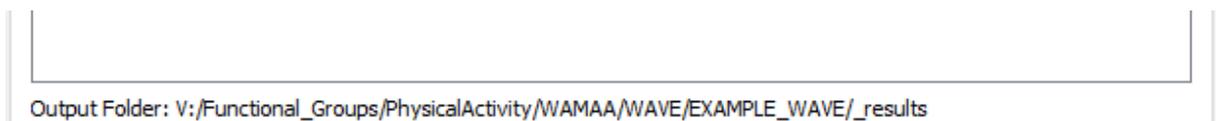
3. Within the folder “EXAMPLE_WAVE” create a “_results” folder
4. Open the Wave software (Wave.exe)
5. Direct the “Data Files” folder to the Example file (EXAMPLE_AX3_01.cwa) using the browse button. Files will appear in the processing section below.

Data Files:

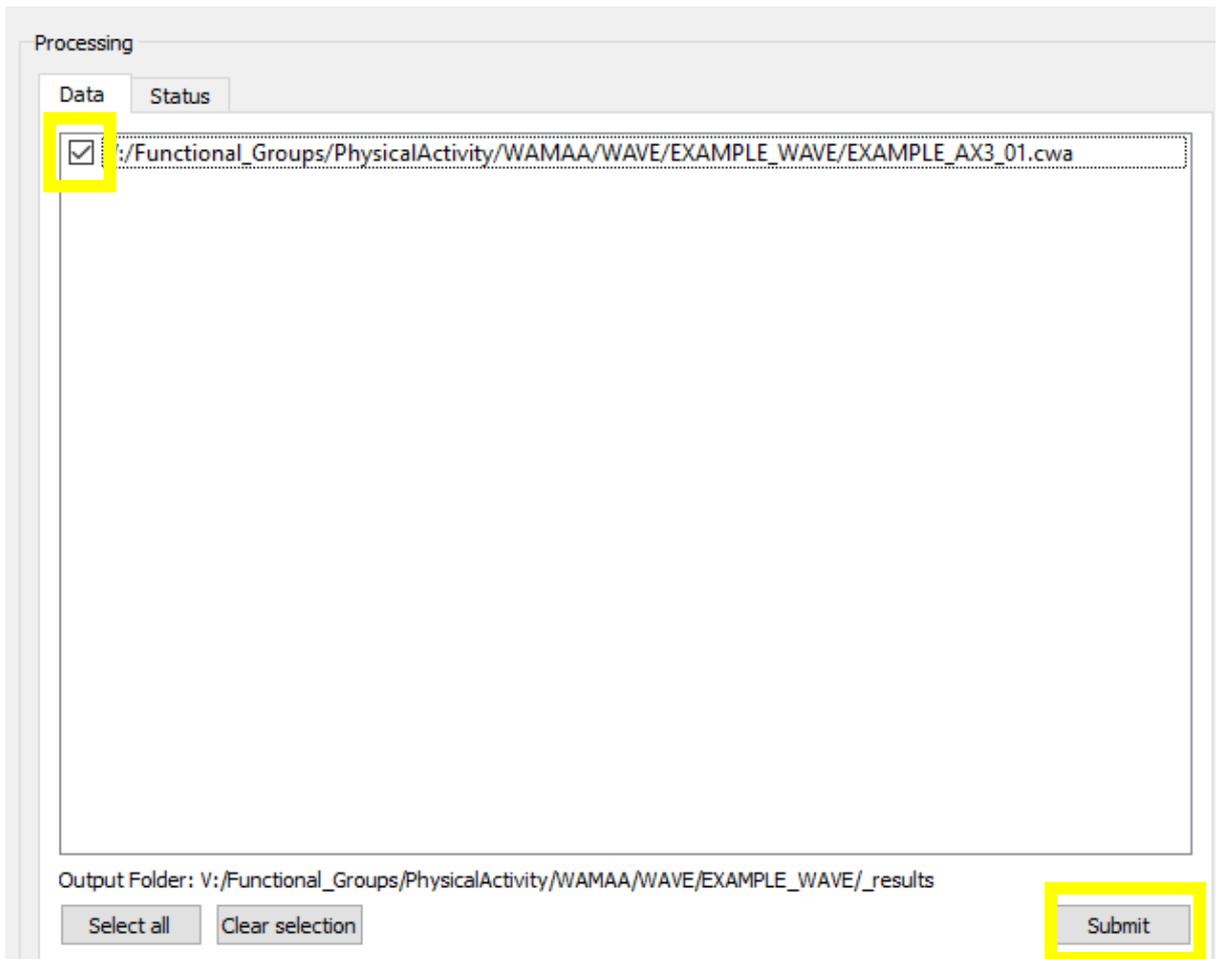


6. Direct the “Output Folder” to the “_results folder” created. You **MUST** click submit after to lock in the output folder. The folder location will then appear at the bottom of the software

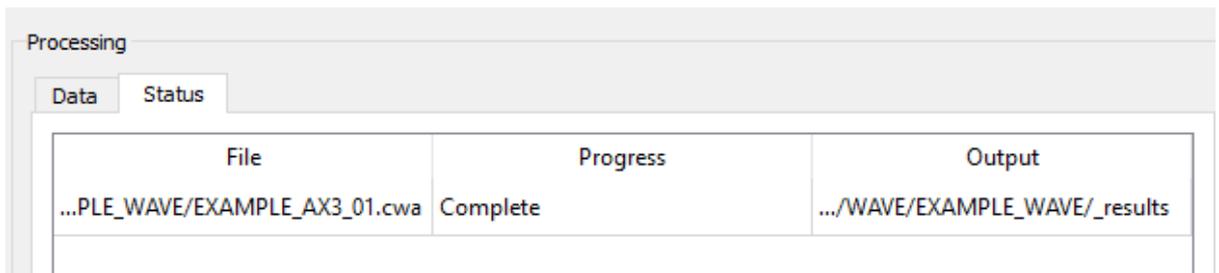
Output Folder:



7. Select the file to process and click submit at the bottom of the processing section



8. Switch to the "Status" tab in the processing section and wait for "Progress" to read "Complete" (the example file should only take a couple of minutes)



9. In the "_results" folder there should be the following files

Name	Date modified	Type	Size
 1h_EXAMPLE_AX3_01.csv	22/09/2021 14:31	Microsoft Excel C...	16 KB
 1m_EXAMPLE_AX3_01.csv	22/09/2021 14:31	Microsoft Excel C...	713 KB
 EXAMPLE_AX3_01_1m_Battery_mean.png	22/09/2021 14:31	PNG File	38 KB
 EXAMPLE_AX3_01_1m_ENMO_sum.png	22/09/2021 14:31	PNG File	49 KB
 EXAMPLE_AX3_01_1m_HPFVM_sum.png	22/09/2021 14:31	PNG File	48 KB
 EXAMPLE_AX3_01_1m_PITCH_mean.png	22/09/2021 14:31	PNG File	43 KB
 EXAMPLE_AX3_01_1m_ROLL_mean.png	22/09/2021 14:31	PNG File	43 KB
 EXAMPLE_AX3_01_1m_Temperature_mea...	22/09/2021 14:31	PNG File	35 KB
 metadata_EXAMPLE_AX3_01.csv	22/09/2021 14:31	Microsoft Excel C...	3 KB

10. Open the 1h_EXAMPLE_AX3_01.csv and ensure rows 17 & 18 have data similar to the example below.

	A	B	C	D	E	F	G	H	I	J	K	L	M	ENN
1	id	timestamp	ENMO_me	ENMO_n	ENMO_mi	ENMO_su	ENMO_0	ENMO_1	ENMO_2	ENMO_3	ENMO_4	ENMO_5	ENMO_10	ENN
2	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
3	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
4	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
5	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
6	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
7	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
8	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
9	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
10	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
11	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
12	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
13	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
14	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
15	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
16	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
17	1	30/11/201	24.30192	720	0	17497.38	300	137	137	133	130	125	109	
18	1	30/11/201	22.14366	720	0	15943.44	181	112	112	112	112	112	98	
19	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
20	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
21	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
22	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
23	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
24	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
25	1	30/11/201	-1	720	0	-720	0	0	0	0	0	0	0	0
26														

Any issues please contact wamaa@mrc-epid.cam.ac.uk