This compressed file includes the following MATLAB(R) routines, which (hopefully!) are useful to perform the analyses included in:

Di Donato V., Martín-Fernández J.A., Comas-Cufí M., Jamka J. (2018) – Palaeoenvironmental reconstructions through Compositional Data analysis. Alpine and Mediterranean Quaternary, 31(1), 59-73.

Di Donato V., Jamka J. Martín-Fernández J.A.(2020). Compositional regression-based methods for SST reconstruction, Alpine and Mediterranean Quaternary,

alr.m

balances.m

checkMOD.m

checkmodAN.m

clr.m

clrinversa.m

codatransfer.m

contarigheuguali.m

estrai.m

ilrinversa.m

ilrprogr.m

mapanalog.m

mapanalogmod.m

mat.m

mediapond.m

mediapondinv.m

nan2zero.m

numeri2nomi.m

percentuali.m

plotanalog.m

plotmeanD.m

plotric.m

plotric.m

plotricreg.m

raggruppa.m

scatteranalog.m

zeroconteggi.m

zerorep.m

SETUP/INSTALLATION

1. You must have MATLAB software installed on your computer

2. extract the compressed file onto the documents>MATLAB folder

3. Open MATLAB and add the 'vdd' directory to the Path

a. Go to: File -> Set Path...

b. Click on 'Add with subfolders...'

c. Select the 'vdd' directory and click 'Ok'

d. Click 'Save'

e. Click 'Close'

HELP

each program includes an help. To run, type: help *function\_name*

Note: some programs may not work depending on the installed MATLAB toolbox. Check the help for details.

HELP/REPORT BUGS

N.B. These codes are provided freely without any warranty or indemnification of any kind.

If you are using them please cite:

Di Donato,V., Jamka. J., Martín-Fernández J.A. 2020 - Compositional regression-based methods for SST reconstruction, Alpine and Mediterranean Quaternary

If you experience difficulties using these programs, please direct questions/comments to:

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