**ReadMe FeatureReliabilityPackage**

<https://github.com/theMIDAgroup/GUI-Meningioma/tree/main/FeatureReliabilityPackage>

A package providing Matlab tools for radiomics feature analysis of reliability. Tested with Matlab versions 2021b and 2022a. With this implemented package one can reproduce the analysis on the reliability of radiomics features implemented in publication [2].

**REFERENCES**

[1] I. Cama, V. Candiani, M. Piana and C. Campi, "*A comprehensive tool for image segmentation and radiomics analysis of MR images*", to be submitted (2022).

[2] I. Cama, V. Candiani, L. Roccatagliata, P. Fiaschi, G. Rebella, M. Resaz, M. Piana and C. Campi, "*Segmentation accuracy and the reliability of radiomics features*", submitted (2022), preprint available at

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<https://github.com/theMIDAgroup/GUI-Meningioma>: MATLAB programming tools for image segmentation and radiomics analysis

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Caution: GUI-Meningioma is a toolbox written and released for medical research purposes only with no guarantee of suitability for any particular purpose. GUI-Meningioma, or data obtained from GUI-Meningioma, should not under any circumstances be used for clinical purposes.

AUTHORS:

Isabella Cama\*, Valentina Candiani\*, Michele Piana\*ª, Cristina Campi\*ª

\* Department of Mathematics (DIMA), University of Genoa, Italy

MIDA group: <https://mida.unige.it>

ª IRCCS Ospedale Policlinico San Martino, Largo Rosanna Benzi 10, Genova, Italy, 16132

The Life Science Computational Laboratory (LiscompLab): <https://liscomp.dima.unige.it>

NOTES:

Main file is correlation\_coefficients.m

Data are supposed to be stored in ~/Data/data\_true and ~/Data/data\_auto for the codes to work. Remember to change the folder paths accordingly in correlation\_coefficients.m, create\_table\_all\_patients.m, find\_files\_radiomics.m