Files	Description
PWRG2.Rproj	R Project file
Hydrodynamic_Model_Results.qmd	Quarto-file reading and processing hydrodynamic model results into raster files
Habitat_Model_VZH.qmd	Quarto-file carrying out the habitat model according to Dr. Schmidlin et al., (2023)
Habitat_Model_Multivariat.qmd	Quarto-file carrying out the multivariate habitat model with three macroinvertebrates
plot_visualisation.qmd	Quarto-file visualising plot results for this project work
.gitignore	Gitignore file in which all folders are named which are to be ignored to upload on github

Folders → *Hidden in github*		Description
QGIS_Project		All QGIS Project files to visualise modelling results
In QGIS_Project	results_univariate	Folder containing all raster outputs of univariate habitat model results (for water depth, velocity, substrate)
	results_multivariate	Folder containing all raster outputs of multivariate habitat model results
	results_HM	Folder containing cartographic outputs from the QGIS Project
results_statistics		Folder containing all dataframes (as .csv-files) created with metrics calculated in Habitat_Model_VZH.qmd and Habitat_Model_Multivariat.qmd and plots created in plot_visualisation.qmd with the resulted metrics
hydrodynamic_model_results		Folder containing all hydrodynamic model results (2dm-file) from BASEMENT simulations for several discharges (h5-files)
Suitability_Curves_Data		Folder containing all suitability curves to carry out the habitat models and Excel-files of field screening results from the Landquart river section (L2)
raster_files		Folder containing all output raster from Hydrodynamic_Model_Results.qmd