



Filter and import images

- Extract filenames from database
- Import only matching images from folders
- Merge in images taken in Slovenia



Encode and split data

- Assign encoded labels to all images
- Split them into train, validation and test sets



Mean subtraction

- Subtract mean pixel value from all images
- With this we center the data around zero



Resampling, combining

- Resample only train set to fix class imbalance
- Combine and shuffle
- Reshape

