Denoise UNI background

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Set working directory

```r
working_dir <- "~/mp2rage_data"
```

Provide input NIfTI filenames

```r
# MP2RAGE INV1
nii_inv1 <- paste0(getwd(), "/MP2RAGE_INV1.nii.gz")

# MP2RAGE INV2
nii_inv2 <- paste0(getwd(), "/MP2RAGE_INV2.nii.gz")

# MP2RAGE UNI
nii_uni <- paste0(getwd(), "/MP2RAGE_UNI.nii.gz")
```

Provide output NIfTI filenames

```r
# MP2RAGE UNI clean
out_uni <- paste0(getwd(), "/MP2RAGE_UNI_clean.nii.gz")
```

Supress background noise

```r
mp2rage_robust_combination(
  in_inv1 = nii_inv1,
  in_inv2 = nii_inv2,
  in_uni = nii_uni,
  out_uni = out_uni,
  regularisation = 10)
```