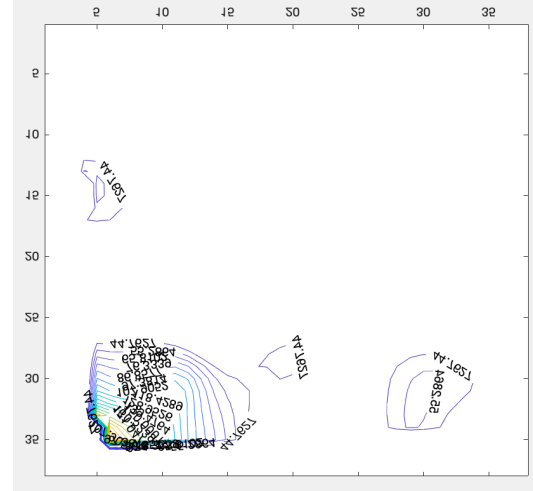
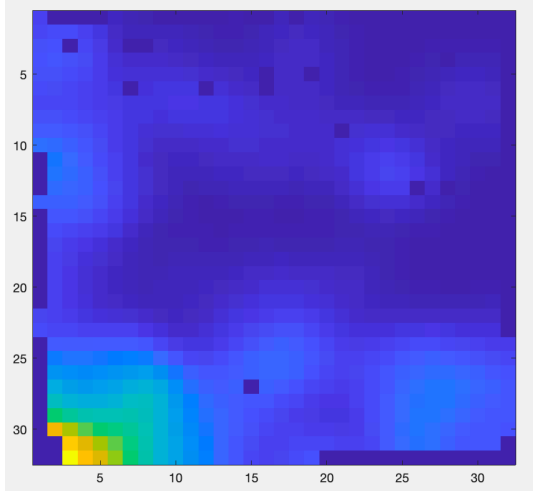


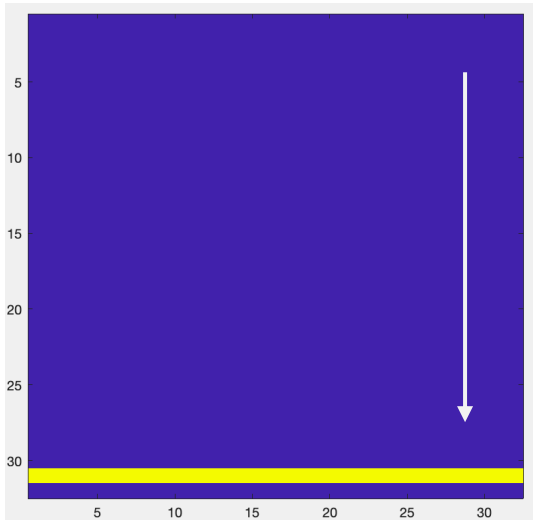
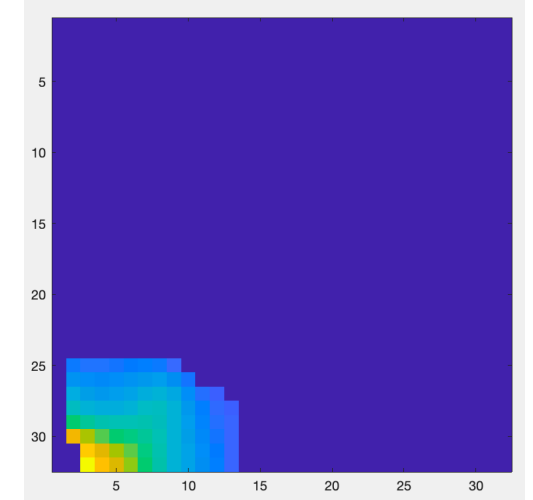
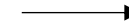
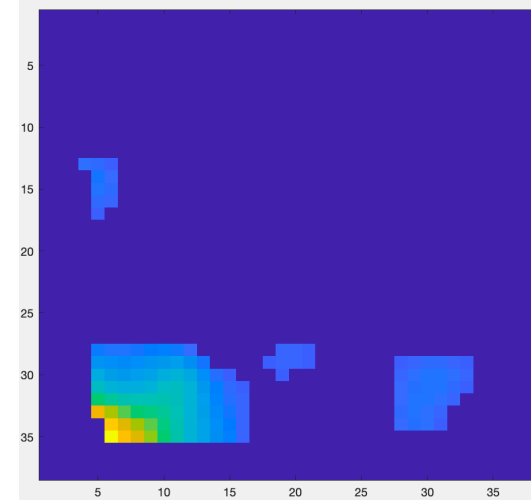
Debora

Example rm miniscope

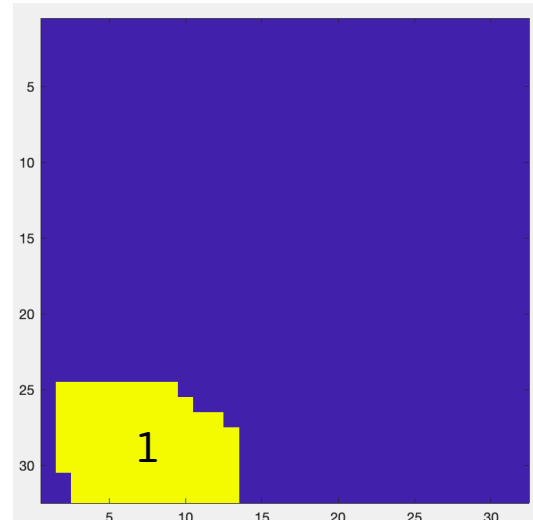
fieldDetectionThresh



p.minBin
fieldInclusionThresh



+



1

$$\text{matchScore} = \max(\text{isOvl} - \overset{.5}{\uparrow} r * \text{noOvl})$$
$$= .3276$$

Theoretical max (perfect overlap) = 1

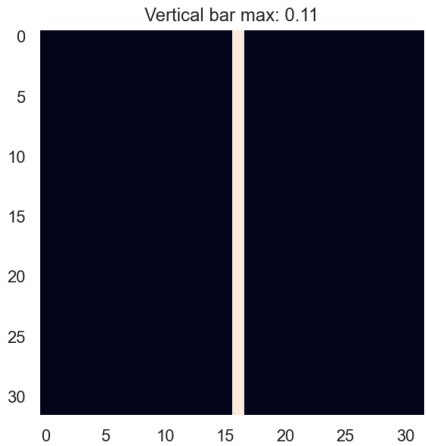
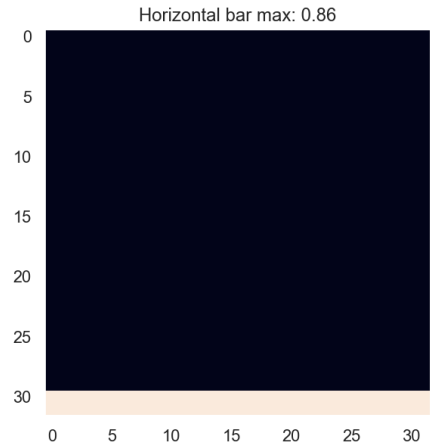
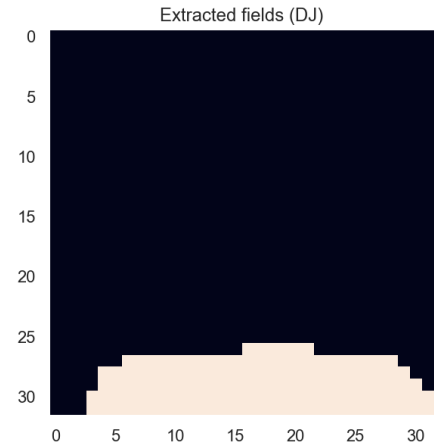
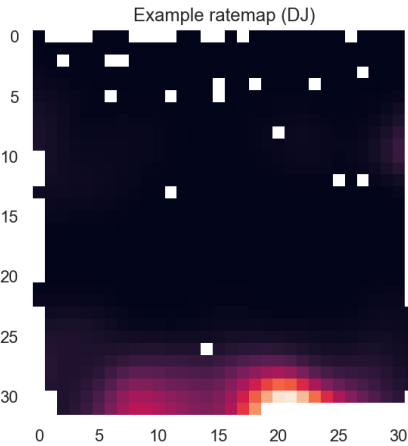
User defined:

- Std over median for detection / inclusion
- minBin
- r

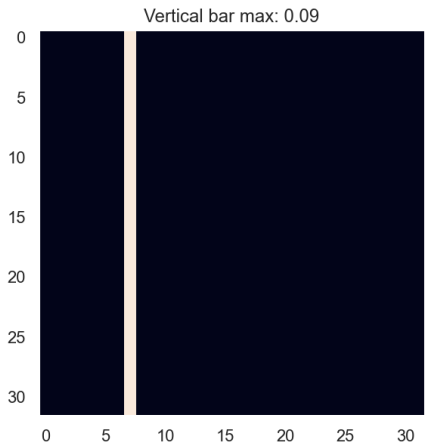
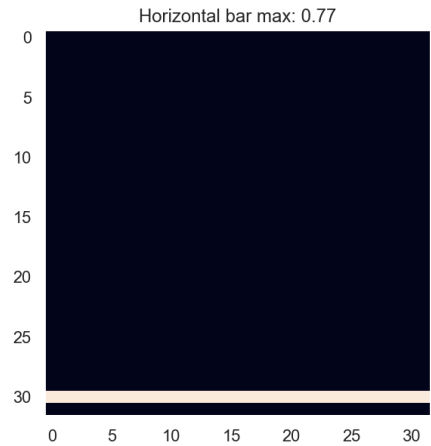
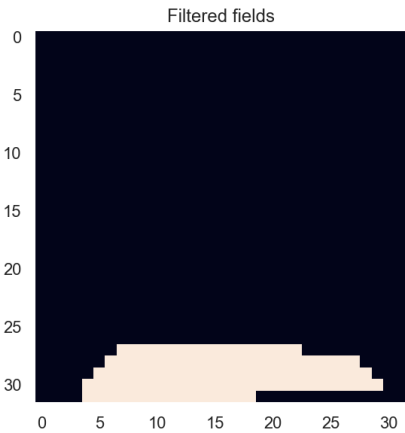
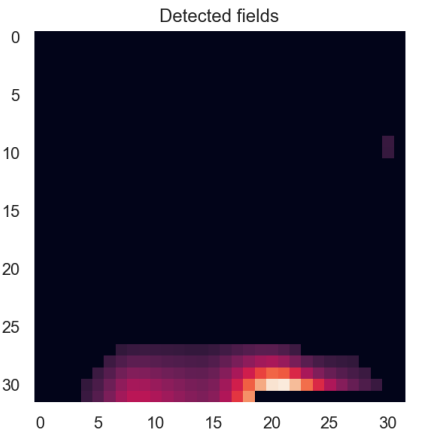
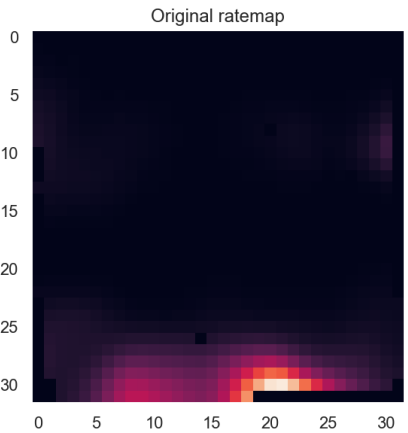
```
noOvl(i,j) = numel(find(sumMaps == 1)) / (nMap-nDum); %  
isOvl(i,j) = numel(find(sumMaps == 2)) / nDum; %
```

Examples

Opexebo field detection

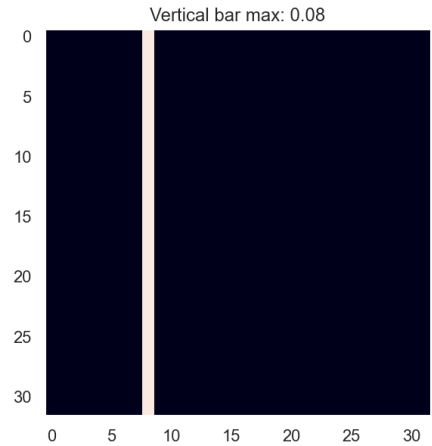
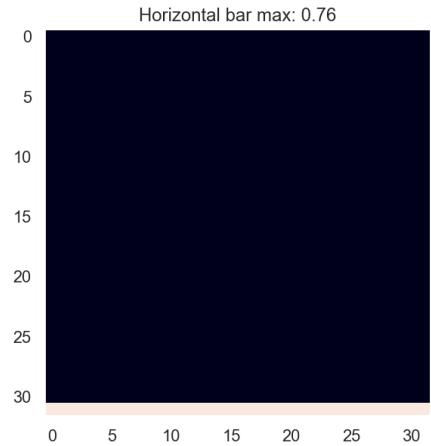
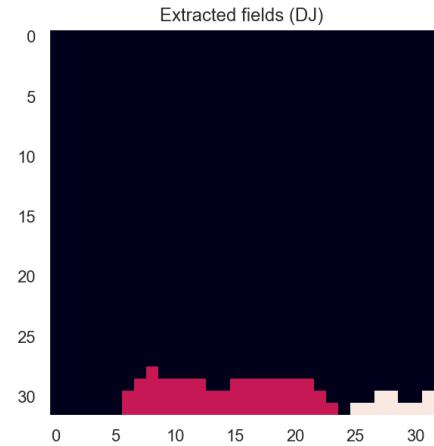
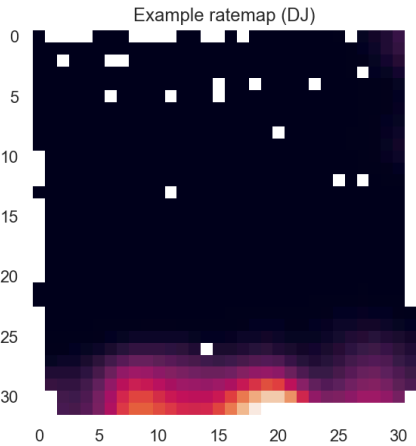


Debora field detection

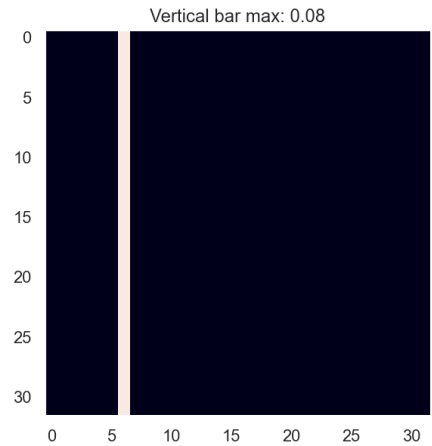
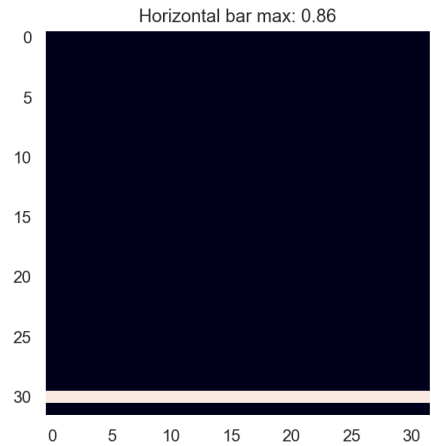
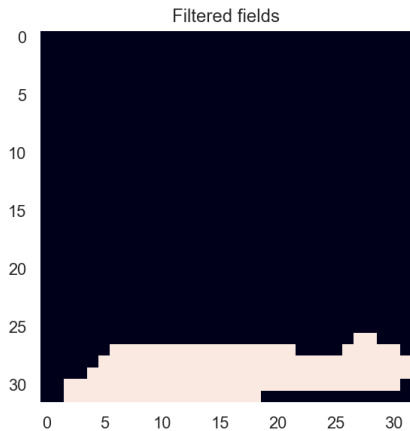
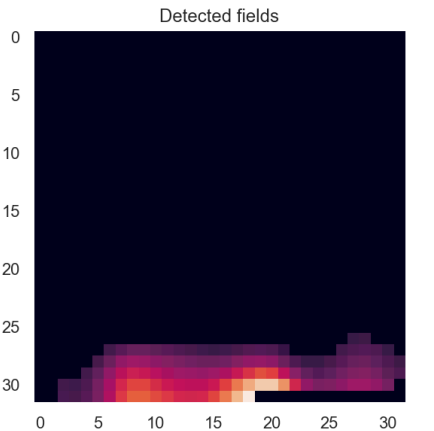
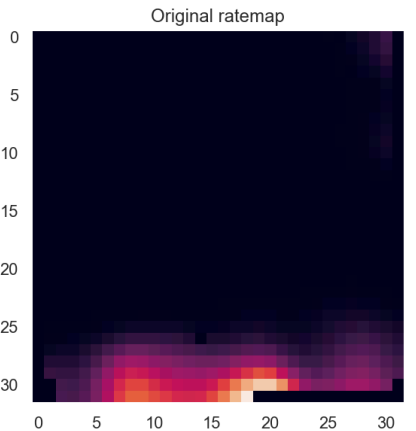


Examples

Opexebo field detection

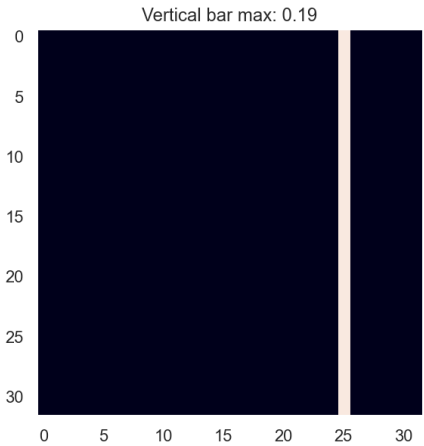
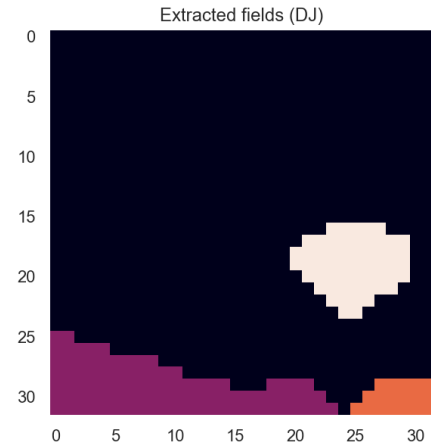
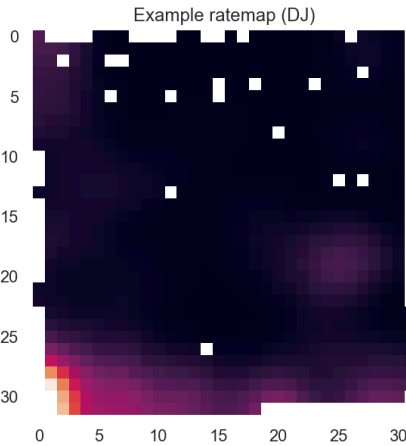


Debora field detection

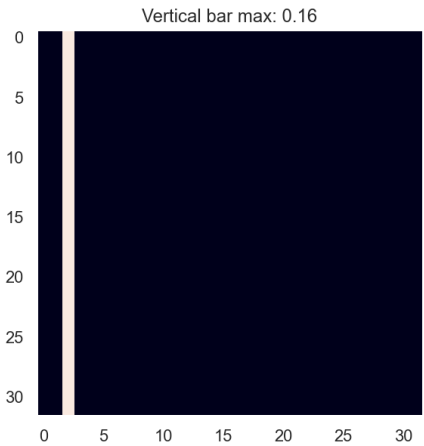
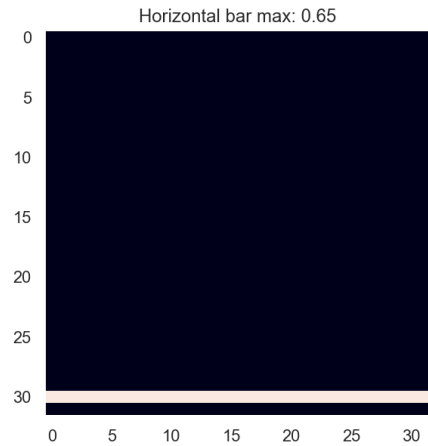
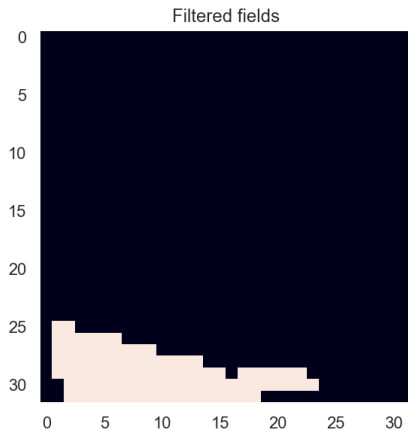
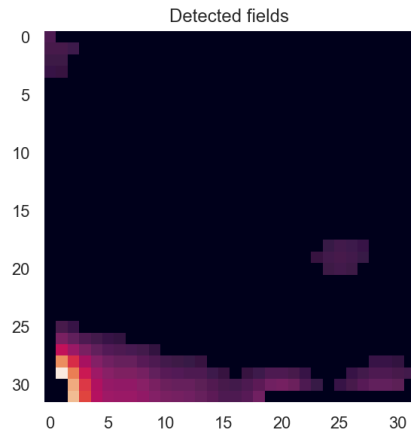
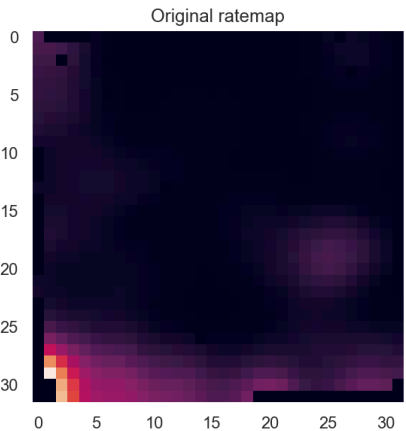


Examples

Opexebo field detection

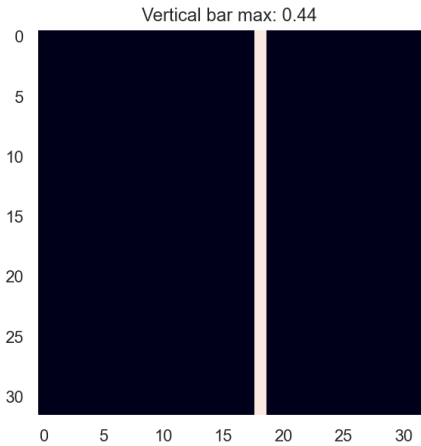
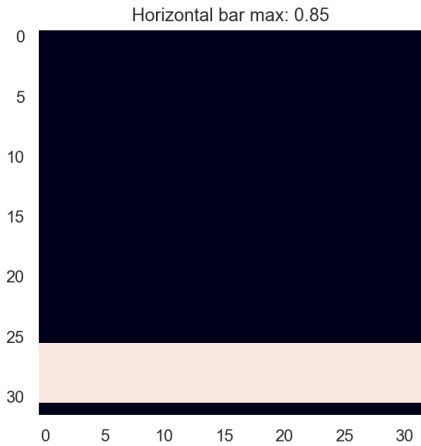
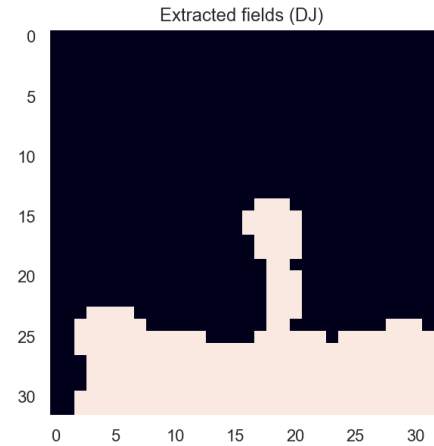
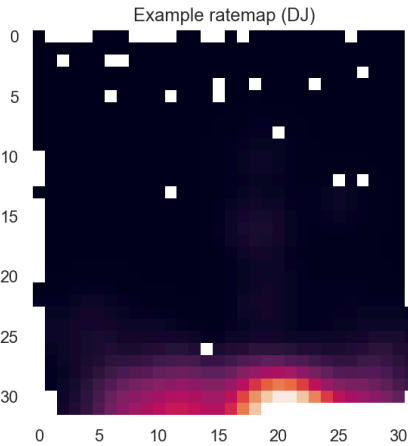


Debora field detection

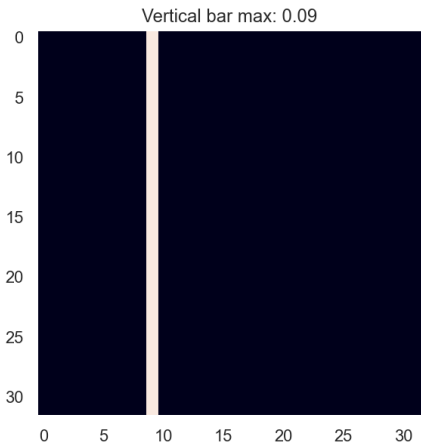
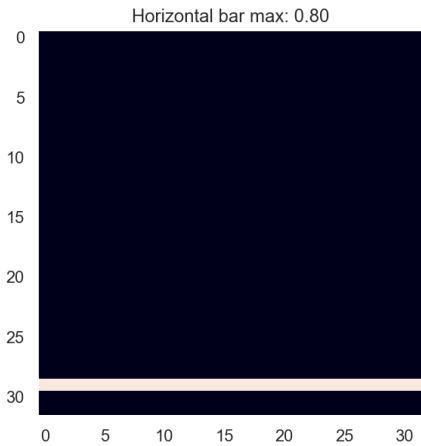
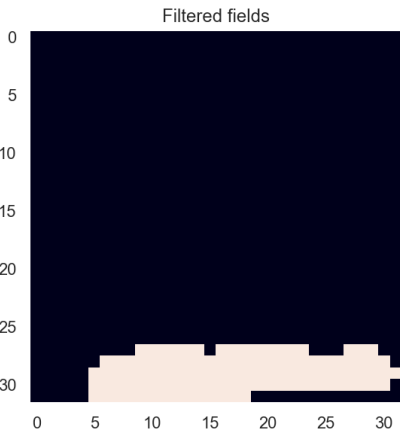
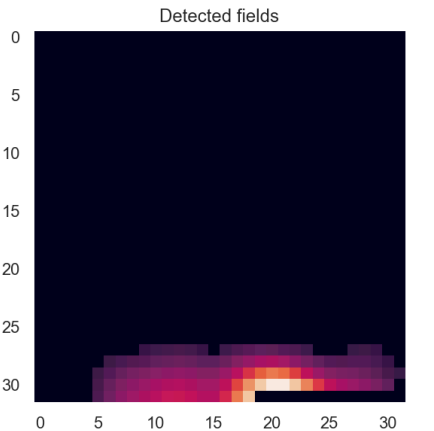
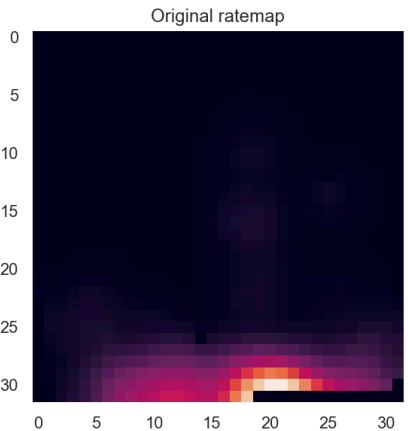


Examples

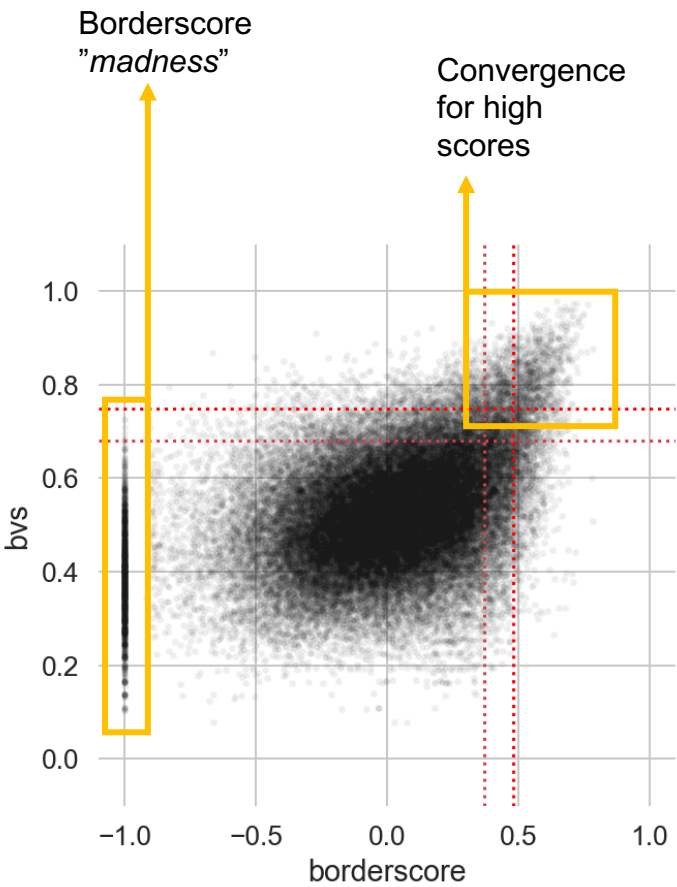
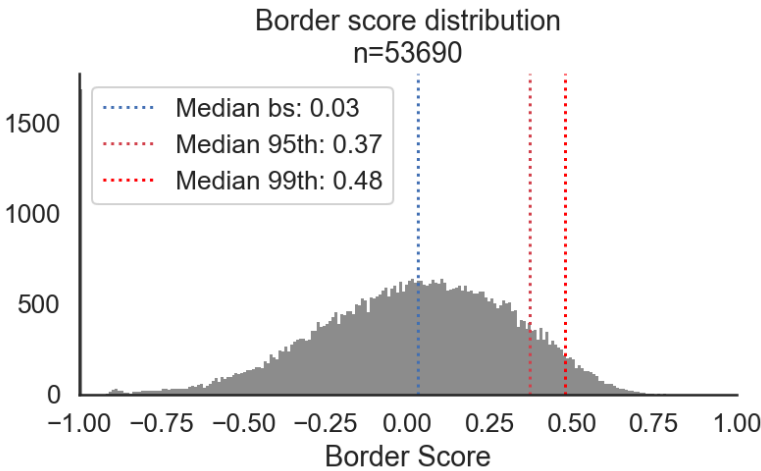
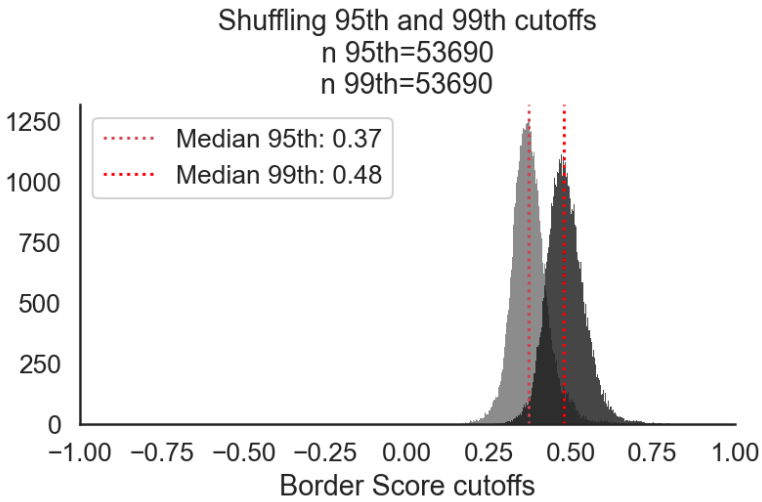
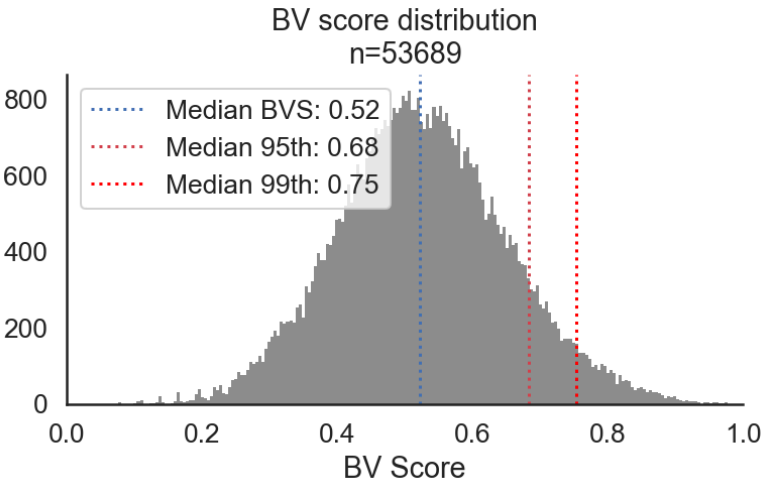
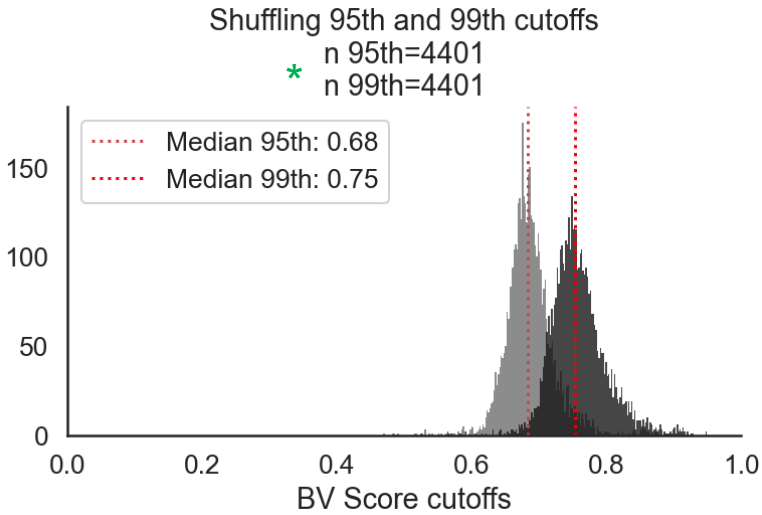
Opexebo field detection



Debora field detection

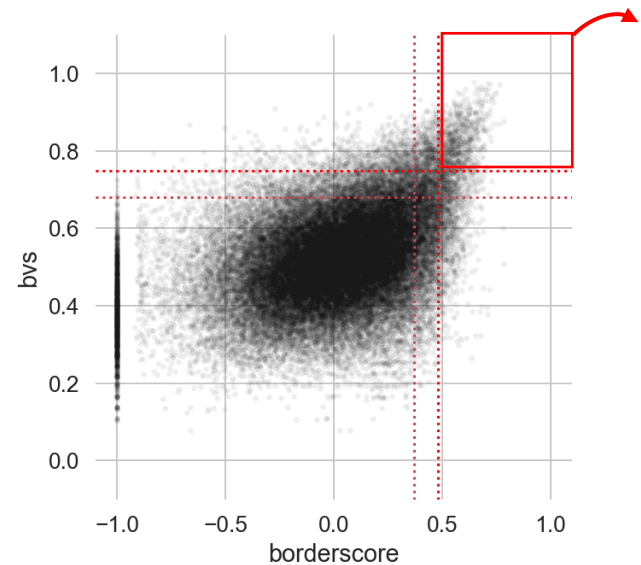


Score distribution



* Shuffling incomplete, but good enough first impression

Examples



Examples

