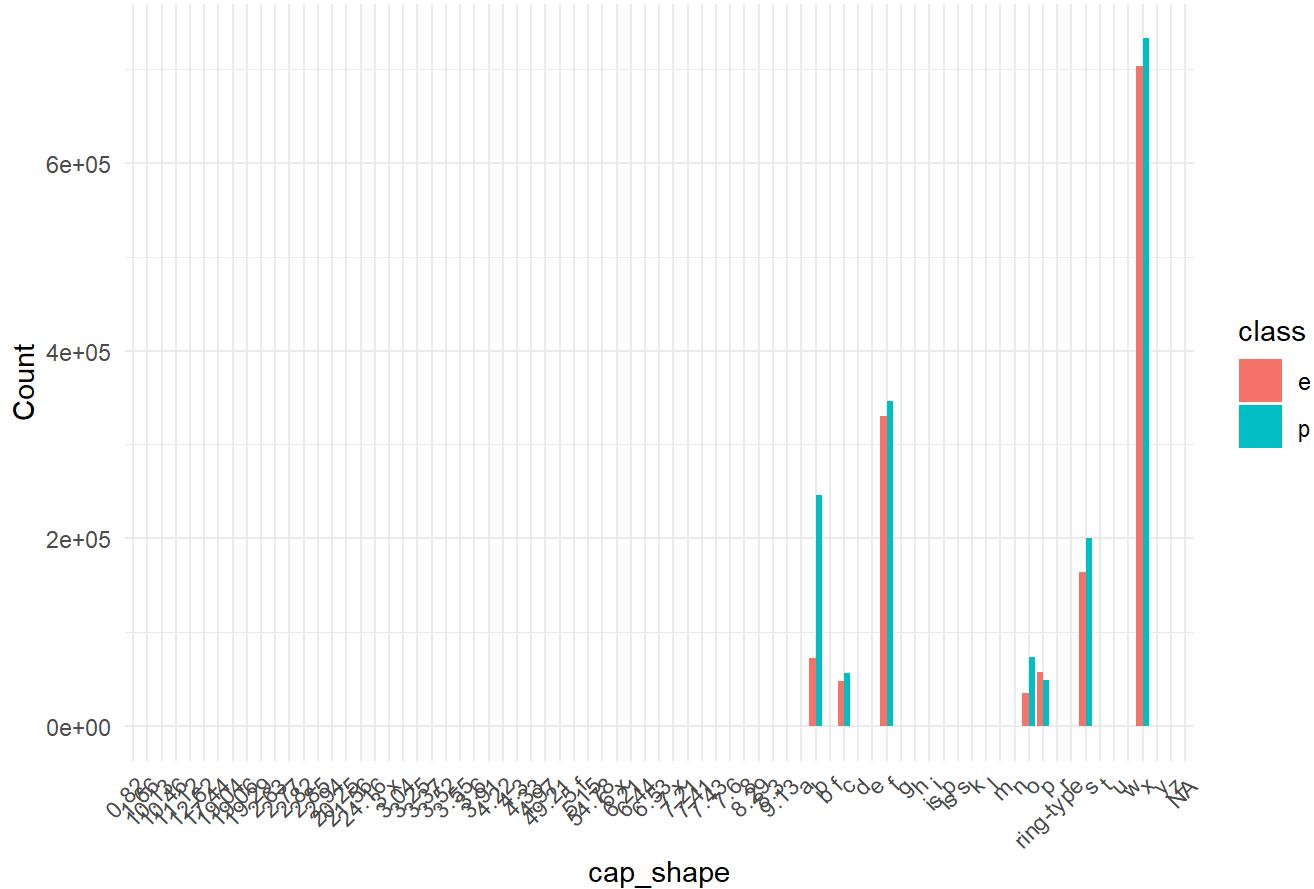


# Mushroom Feature Noise Replacement Visualization

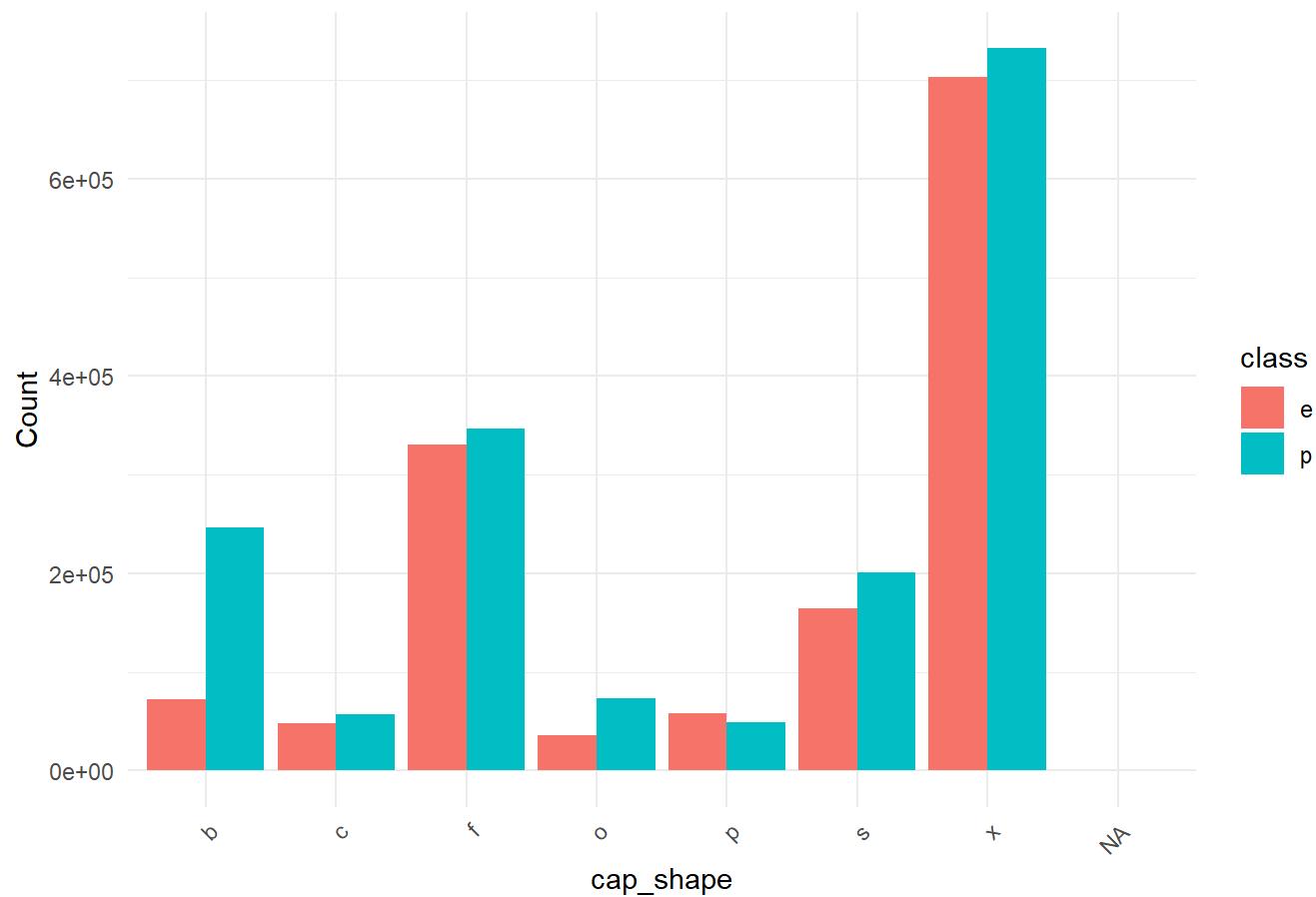
```
## Feature: cap_shape  
## Before Noise Removal
```

Distribution of cap\_shape by class



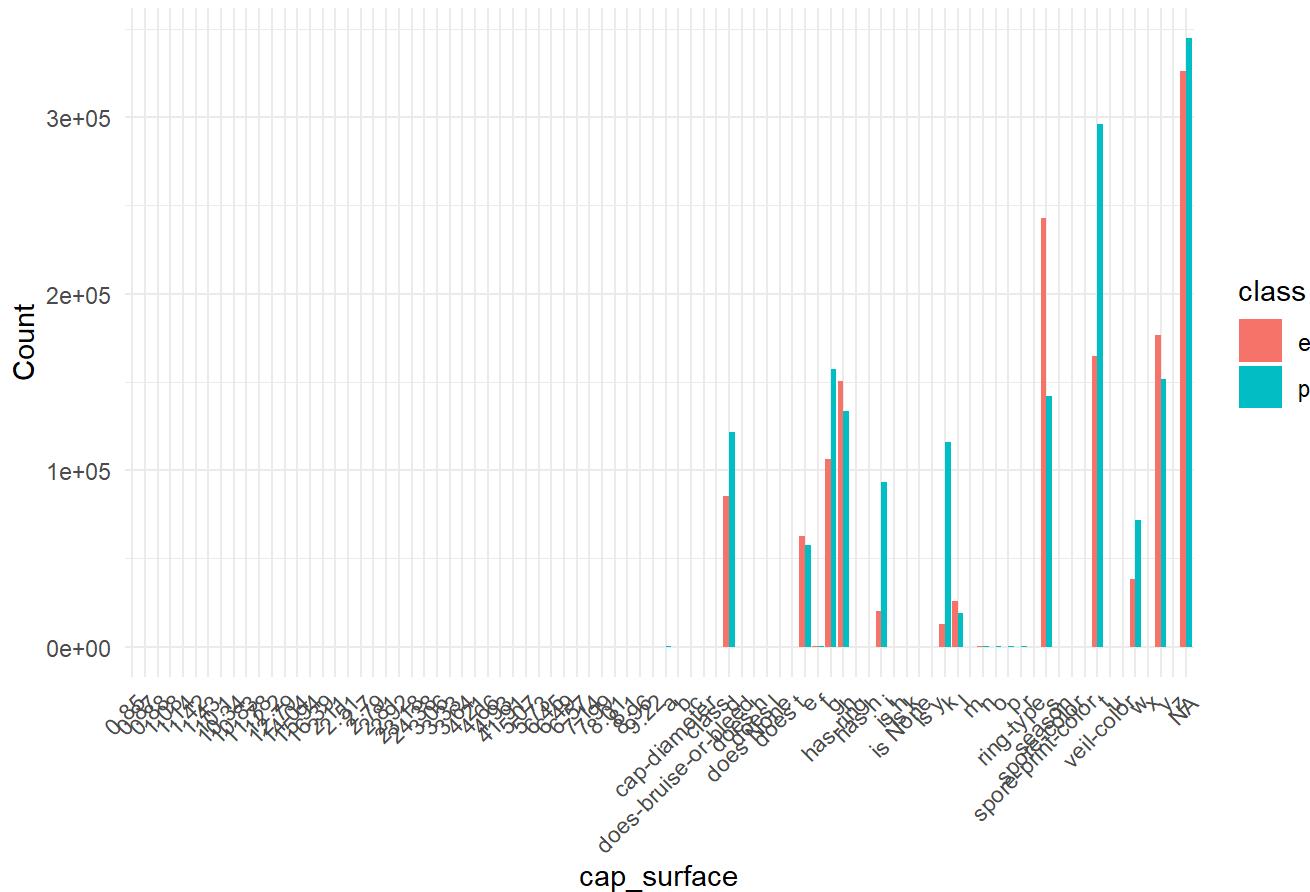
```
## After Noise Removal
```

## Distribution of cap\_shape by class



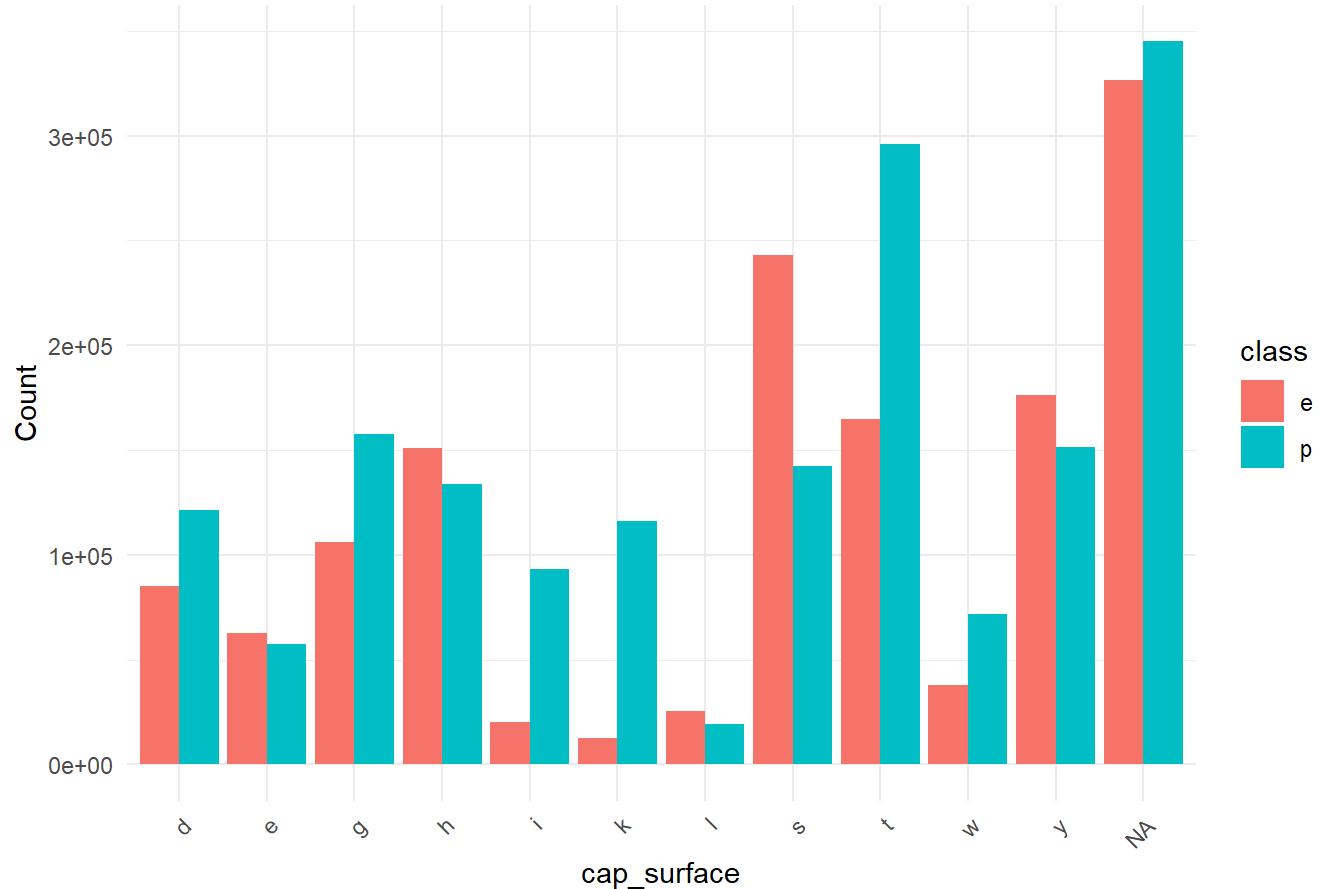
```
## Feature: cap_surface  
## Before Noise Removal
```

## Distribution of cap\_surface by class



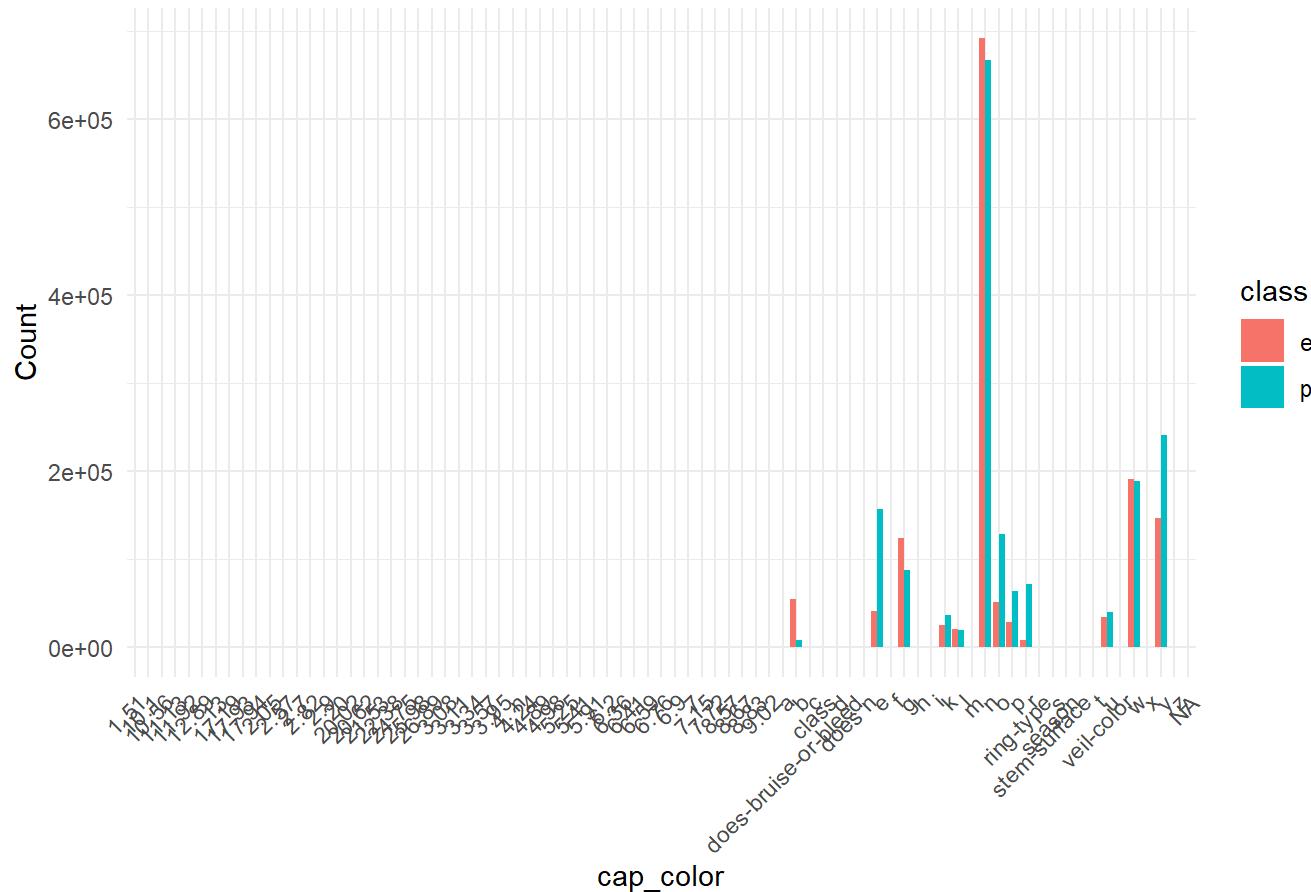
```
## After Noise Removal
```

## Distribution of cap\_surface by class



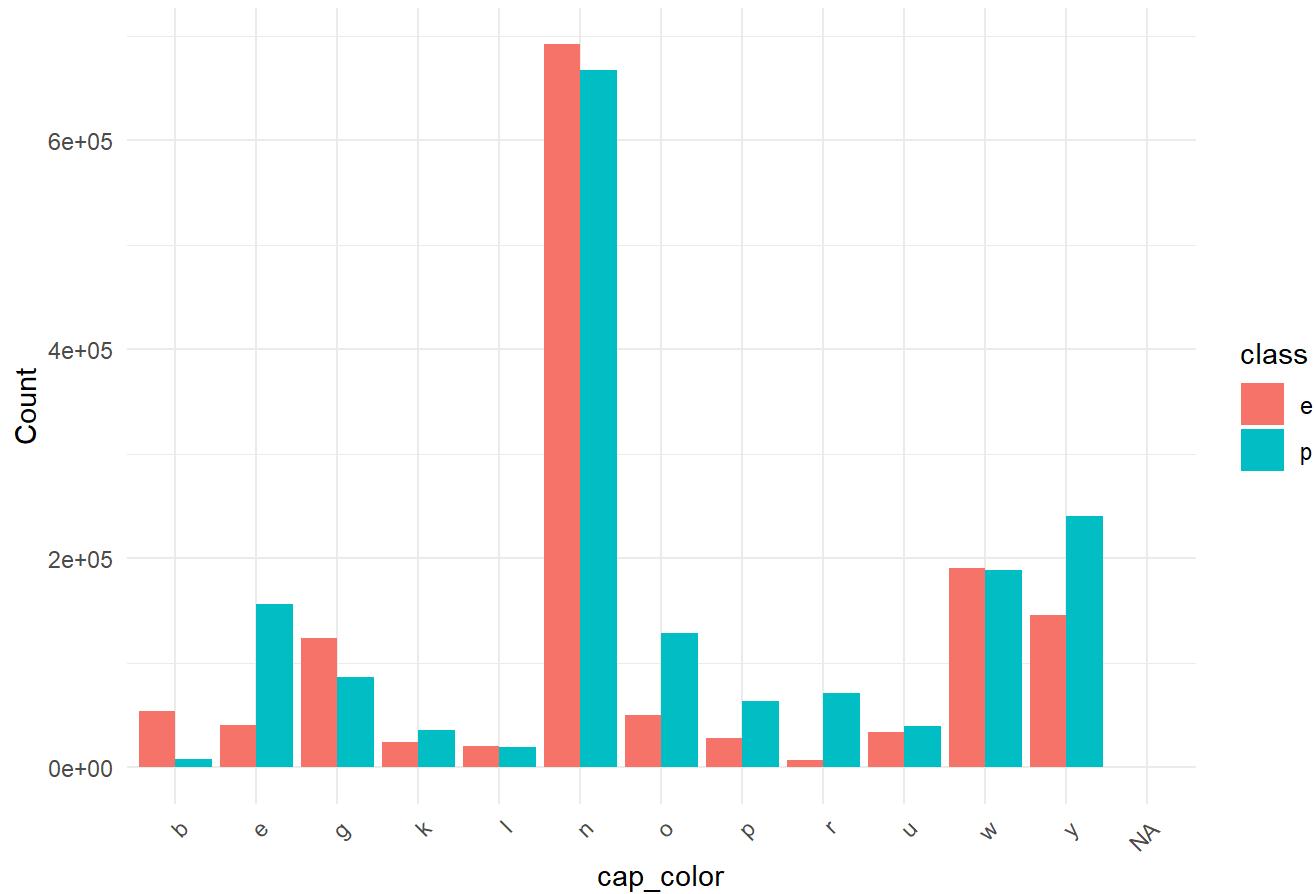
```
## Feature: cap_color  
## Before Noise Removal
```

## Distribution of cap\_color by class

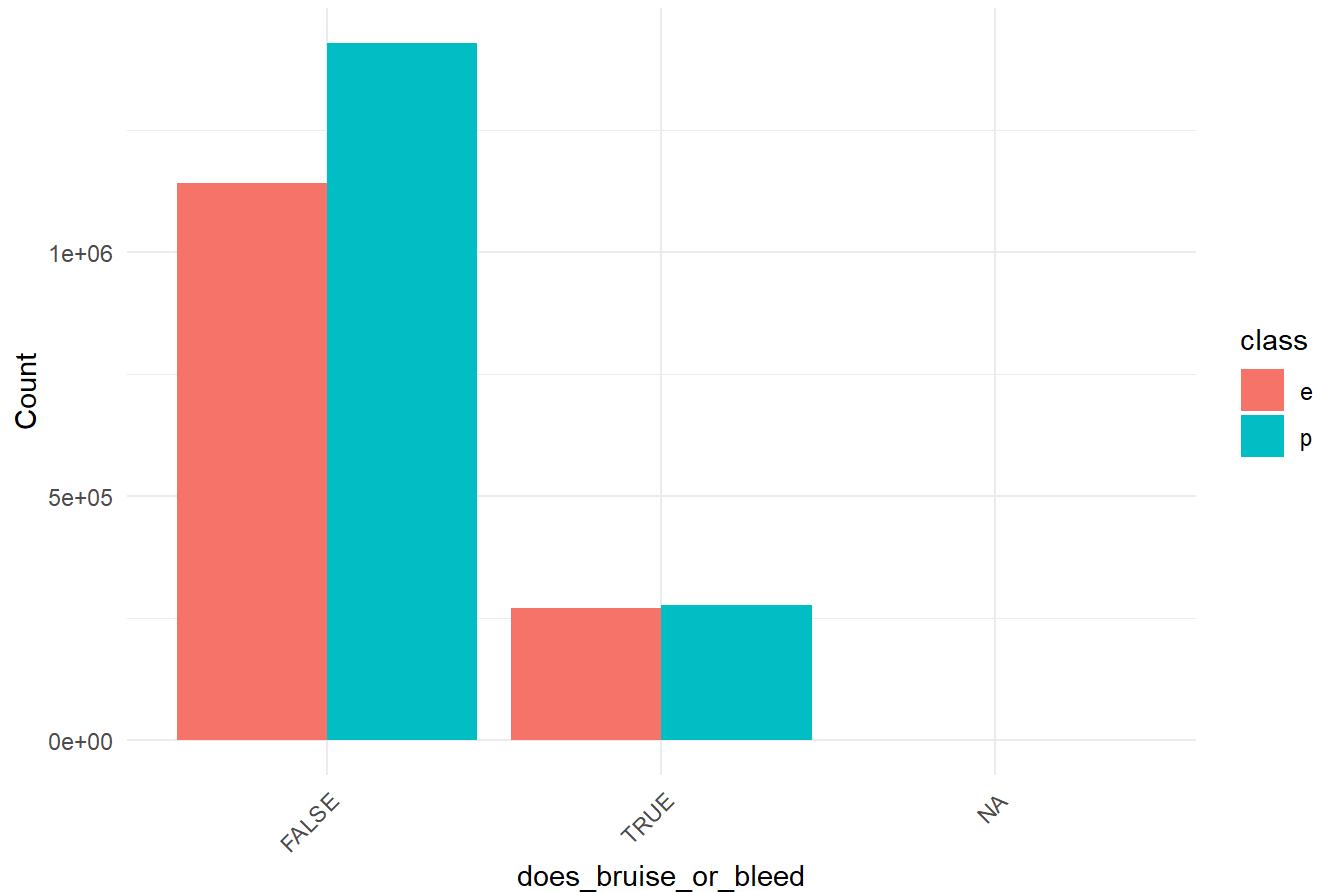


```
## After Noise Removal
```

## Distribution of cap\_color by class

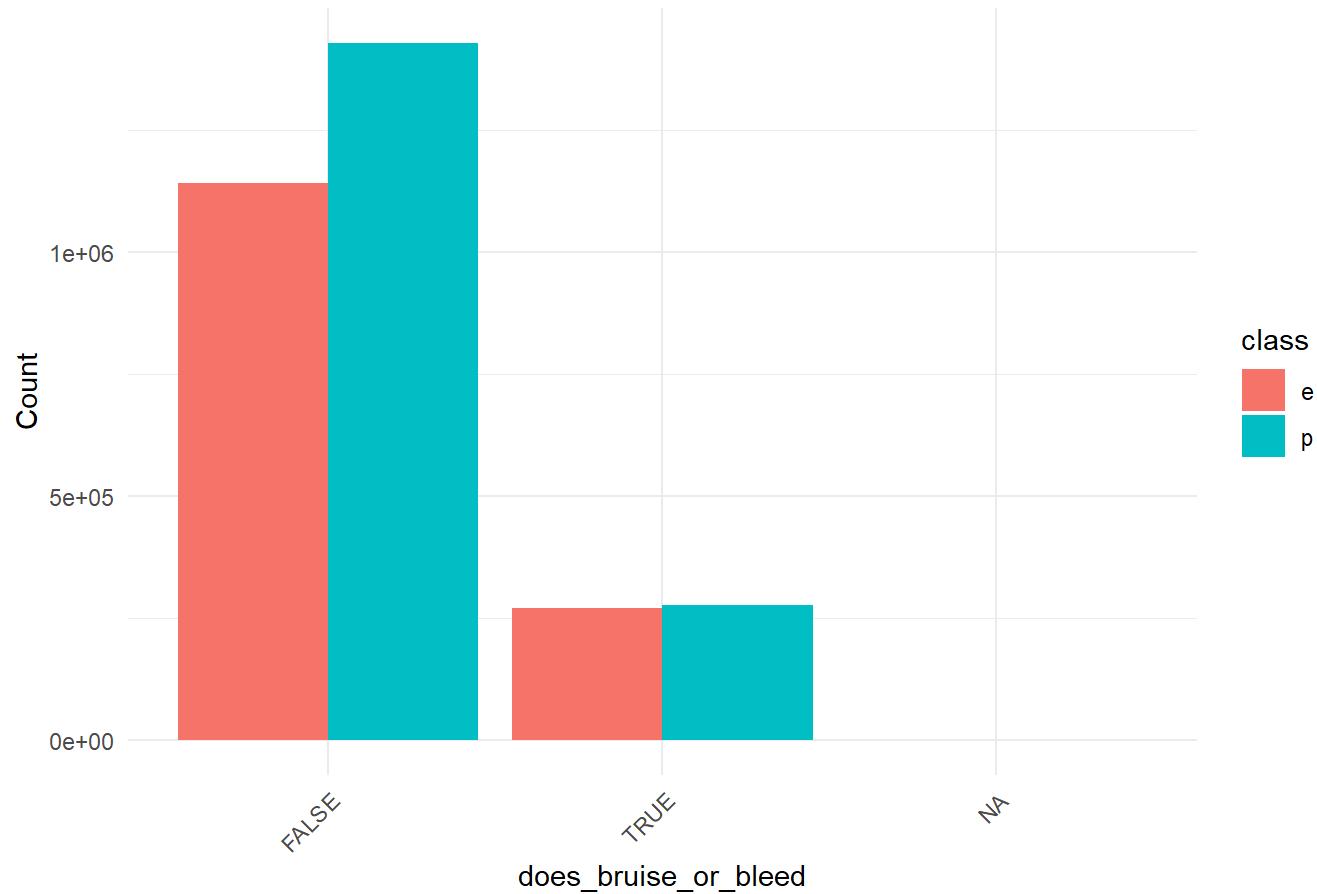


```
## Feature: does_bruise_or_bleed  
## Before Noise Removal
```

Distribution of does\_bruise\_or\_bleed by class

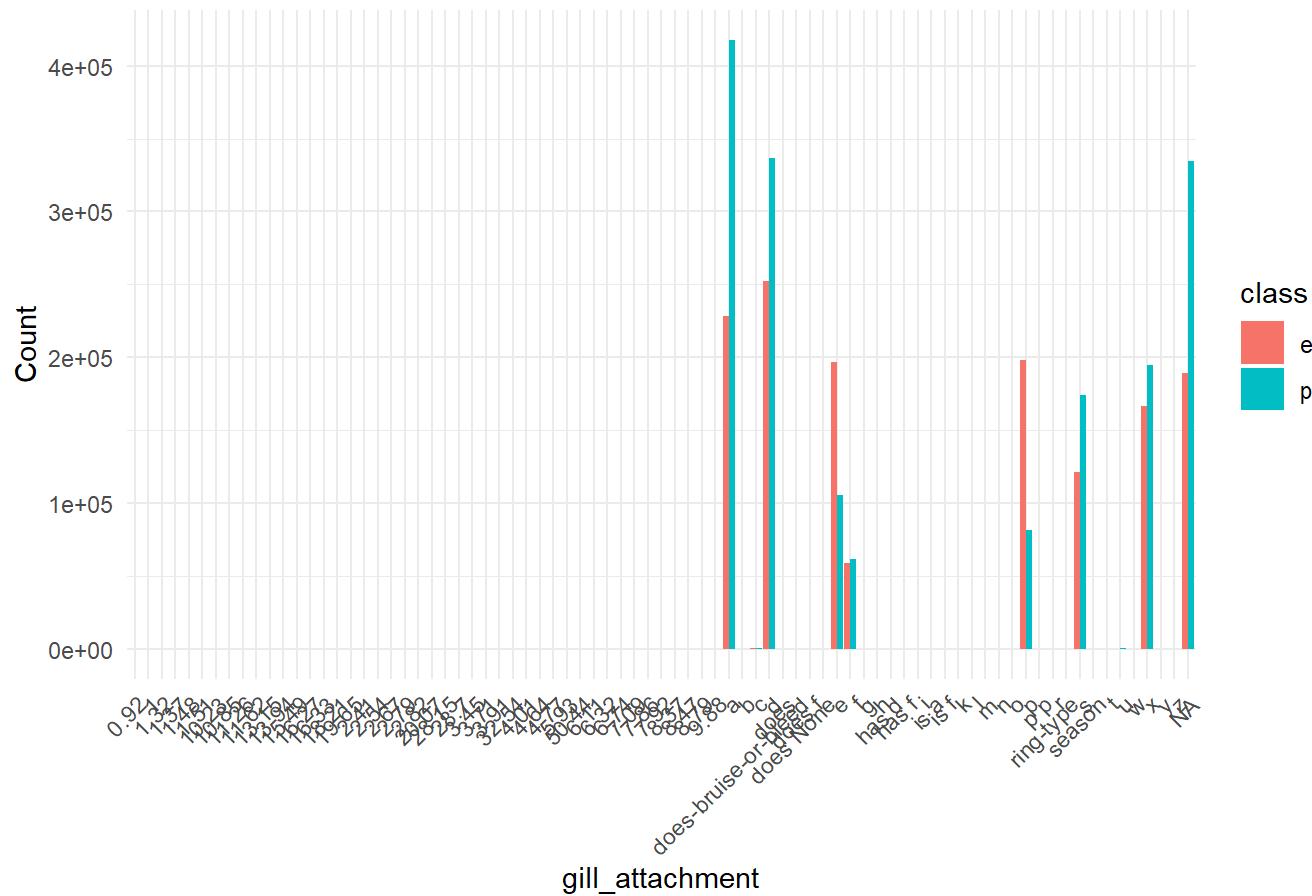
```
## After Noise Removal
```

## Distribution of does\_bruise\_or\_bleed by class



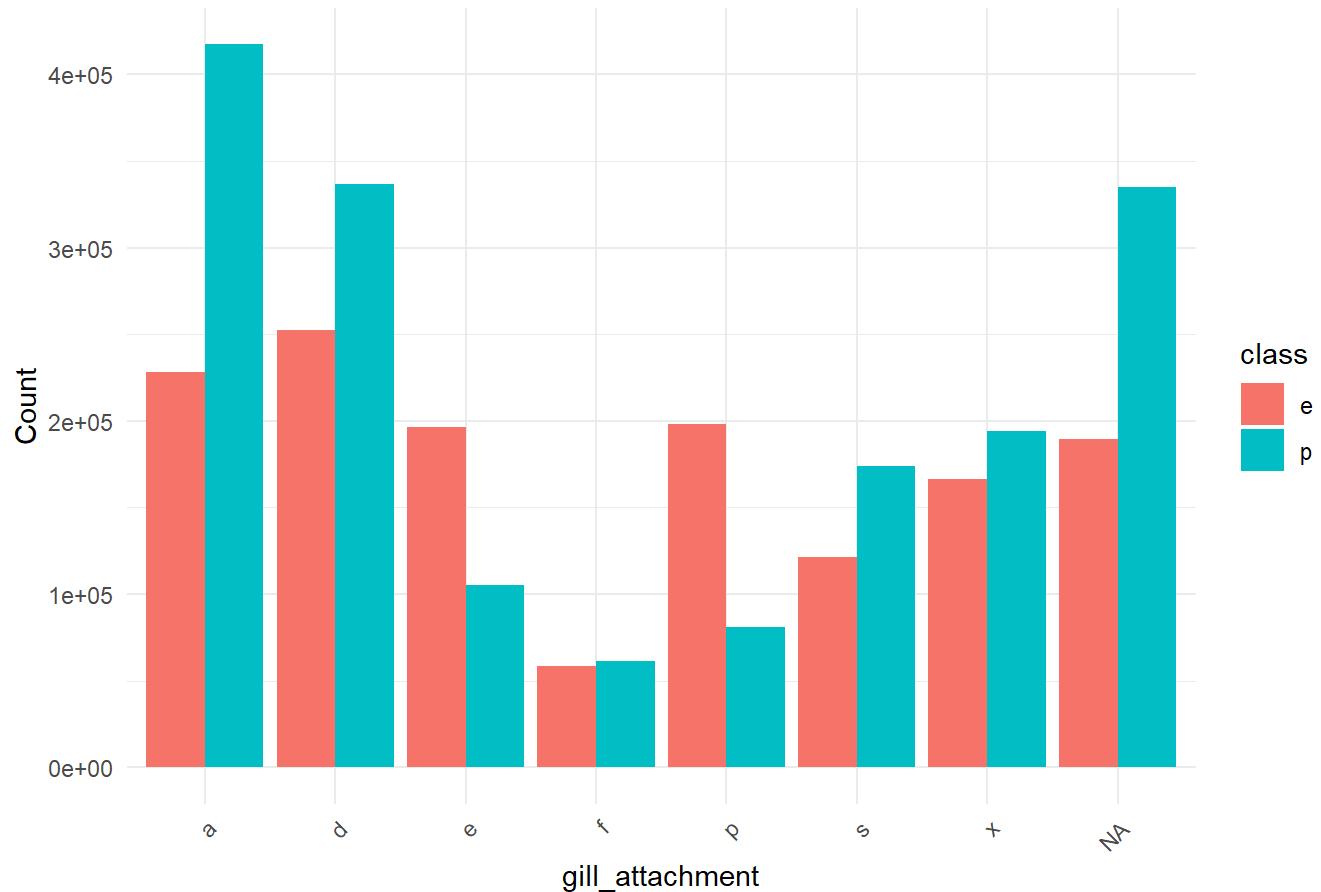
```
## Feature: gill_attachment  
## Before Noise Removal
```

## Distribution of gill\_attachment by class



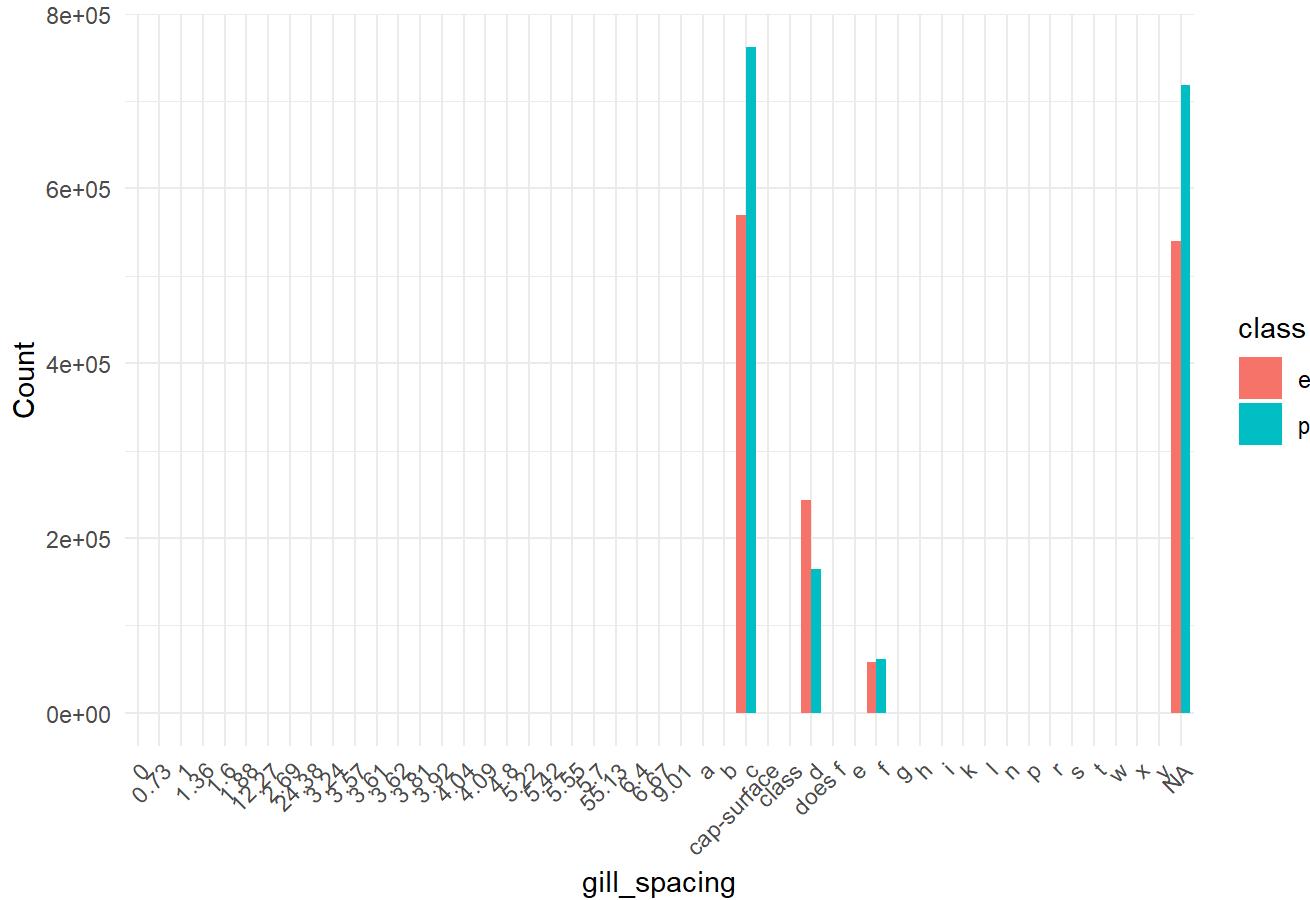
```
## After Noise Removal
```

## Distribution of gill\_attachment by class



```
## Feature: gill_spacing  
## Before Noise Removal
```

## Distribution of gill\_spacing by class

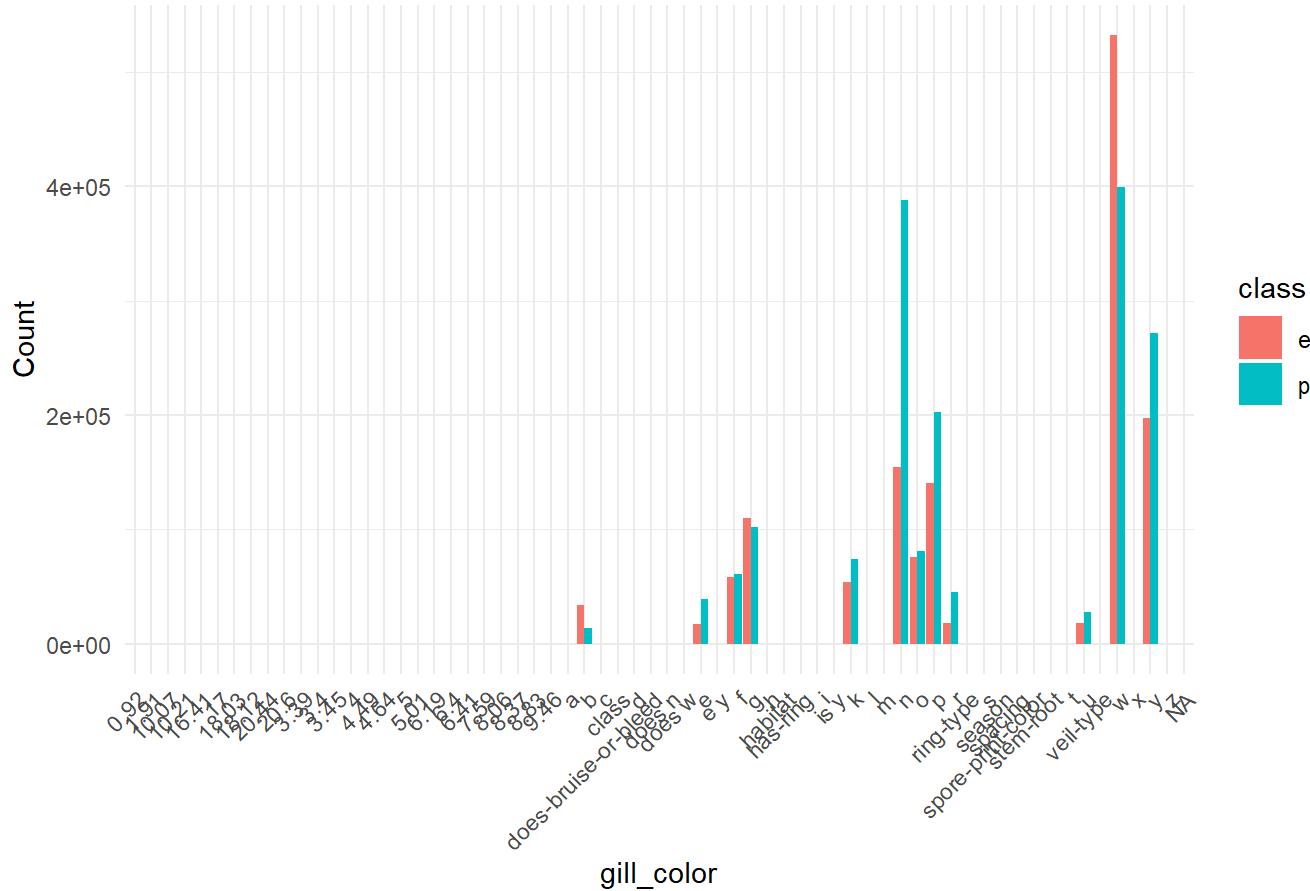


## ## After Noise Removal



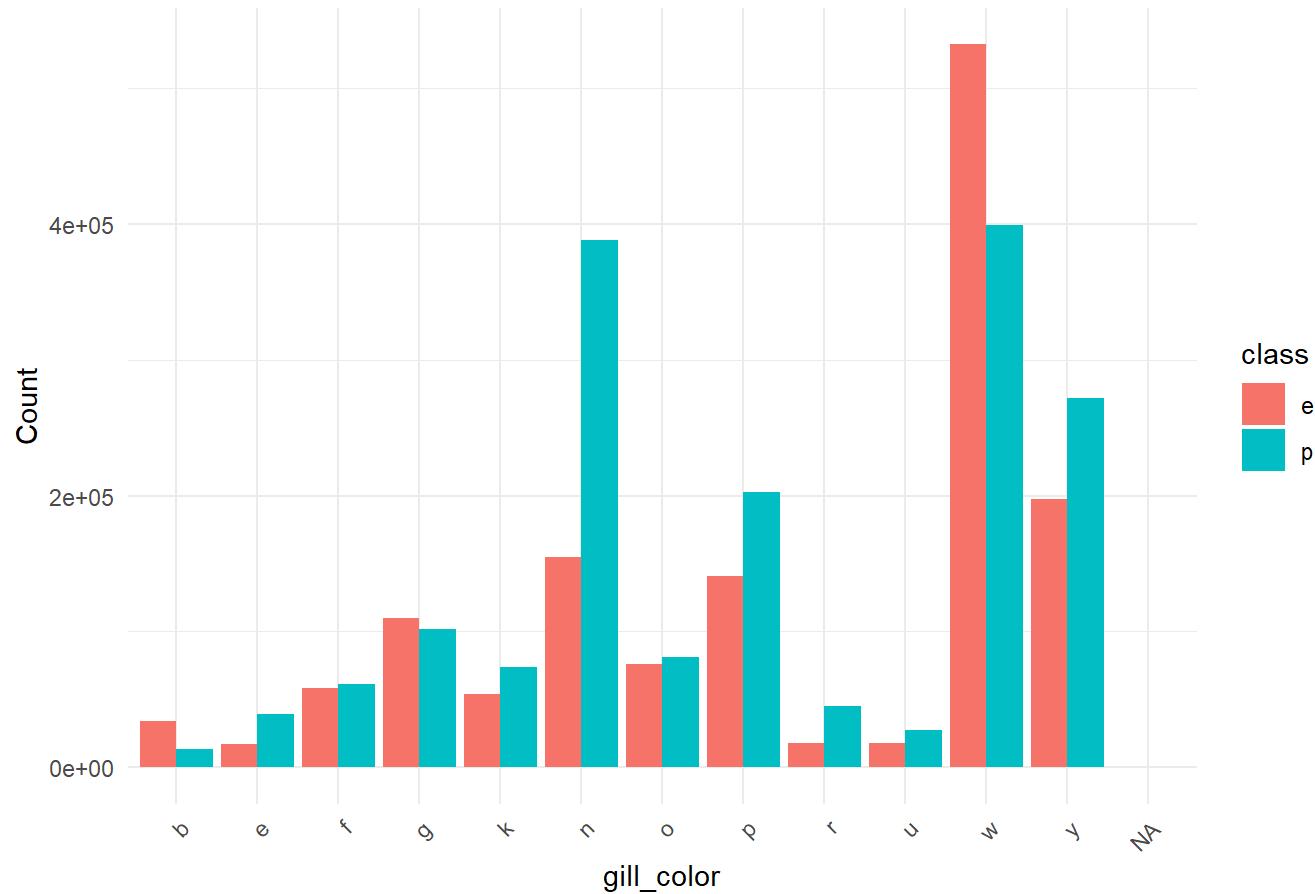
```
## Feature: gill_color  
## Before Noise Removal
```

## Distribution of gill\_color by class



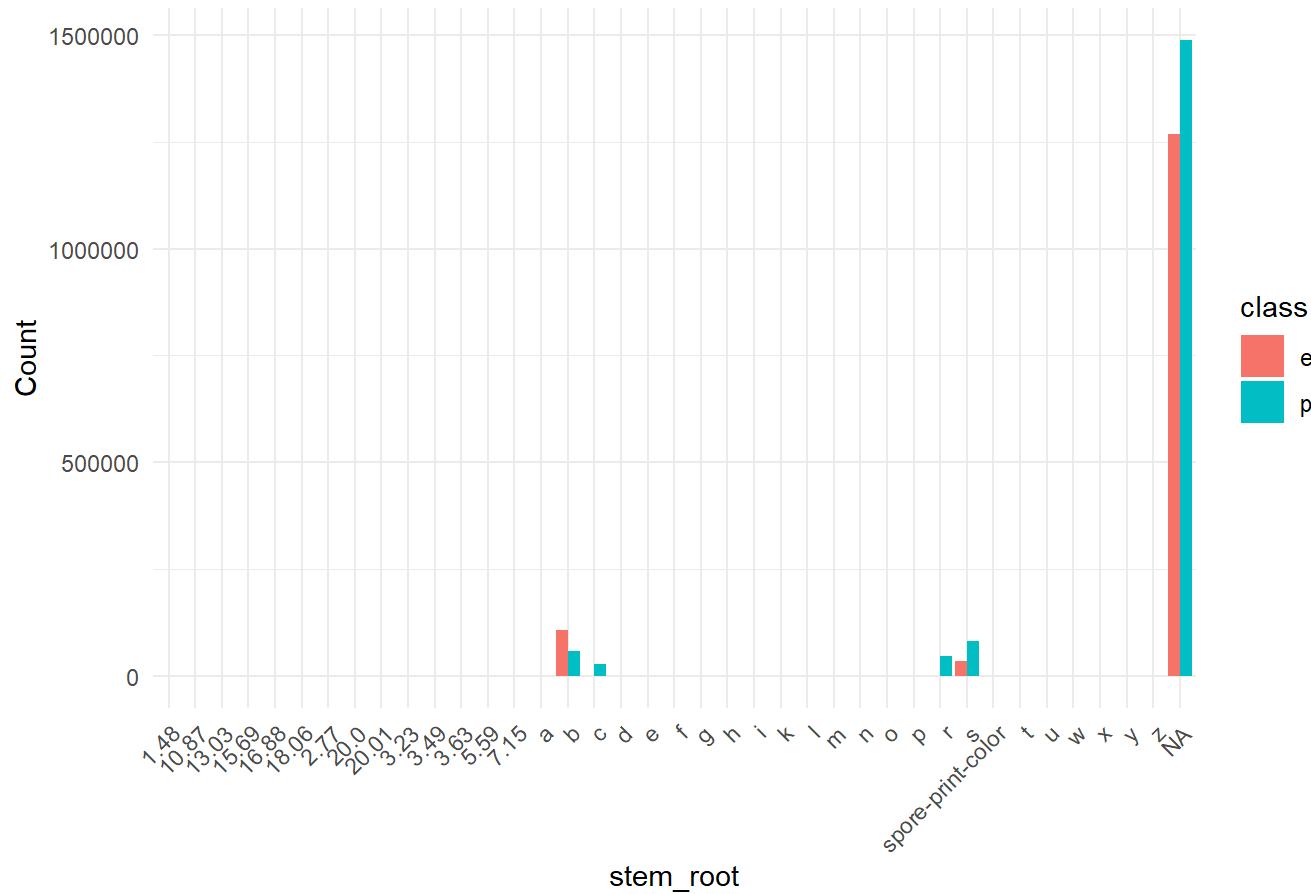
## After Noise Removal

## Distribution of gill\_color by class



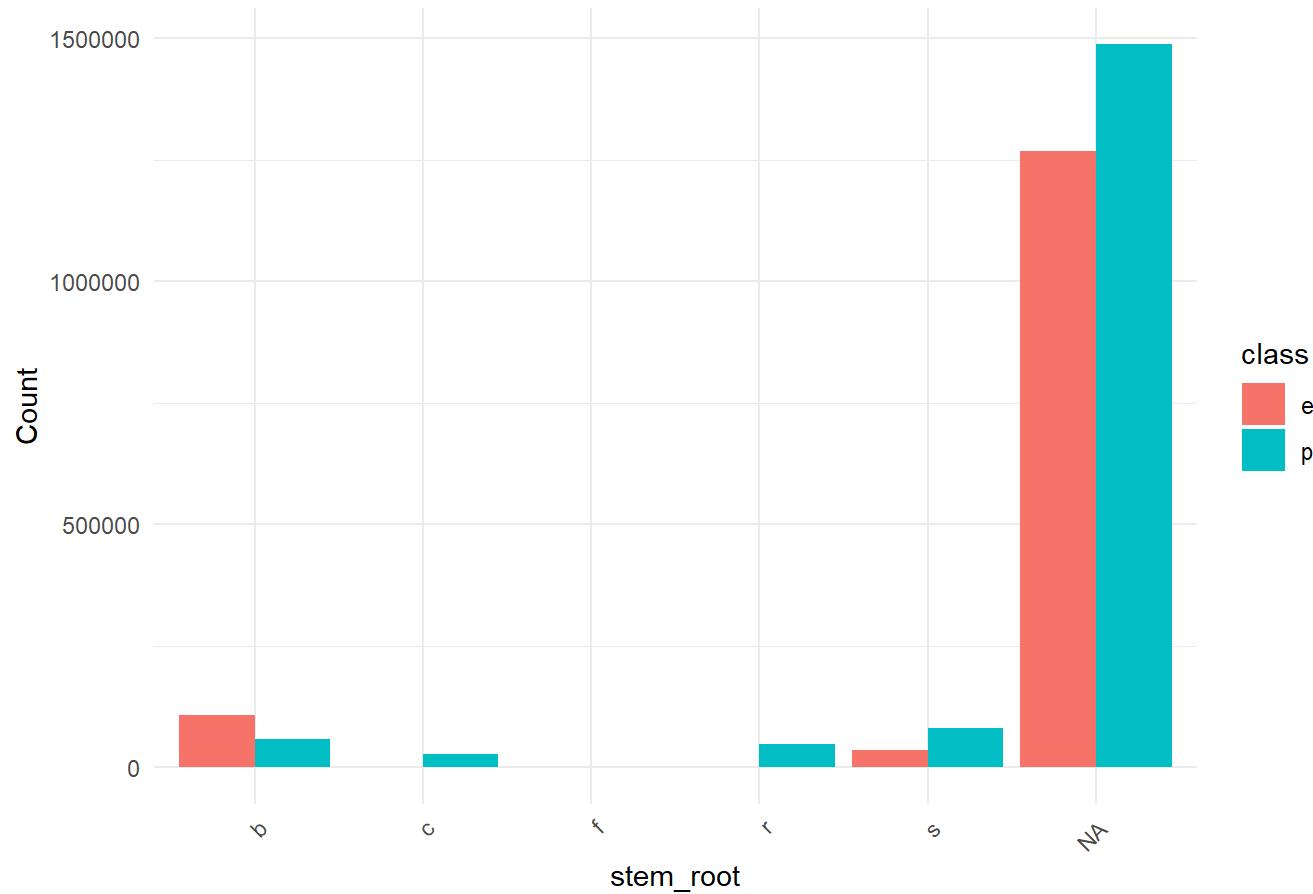
```
## Feature: stem_root  
## Before Noise Removal
```

### Distribution of stem\_root by class



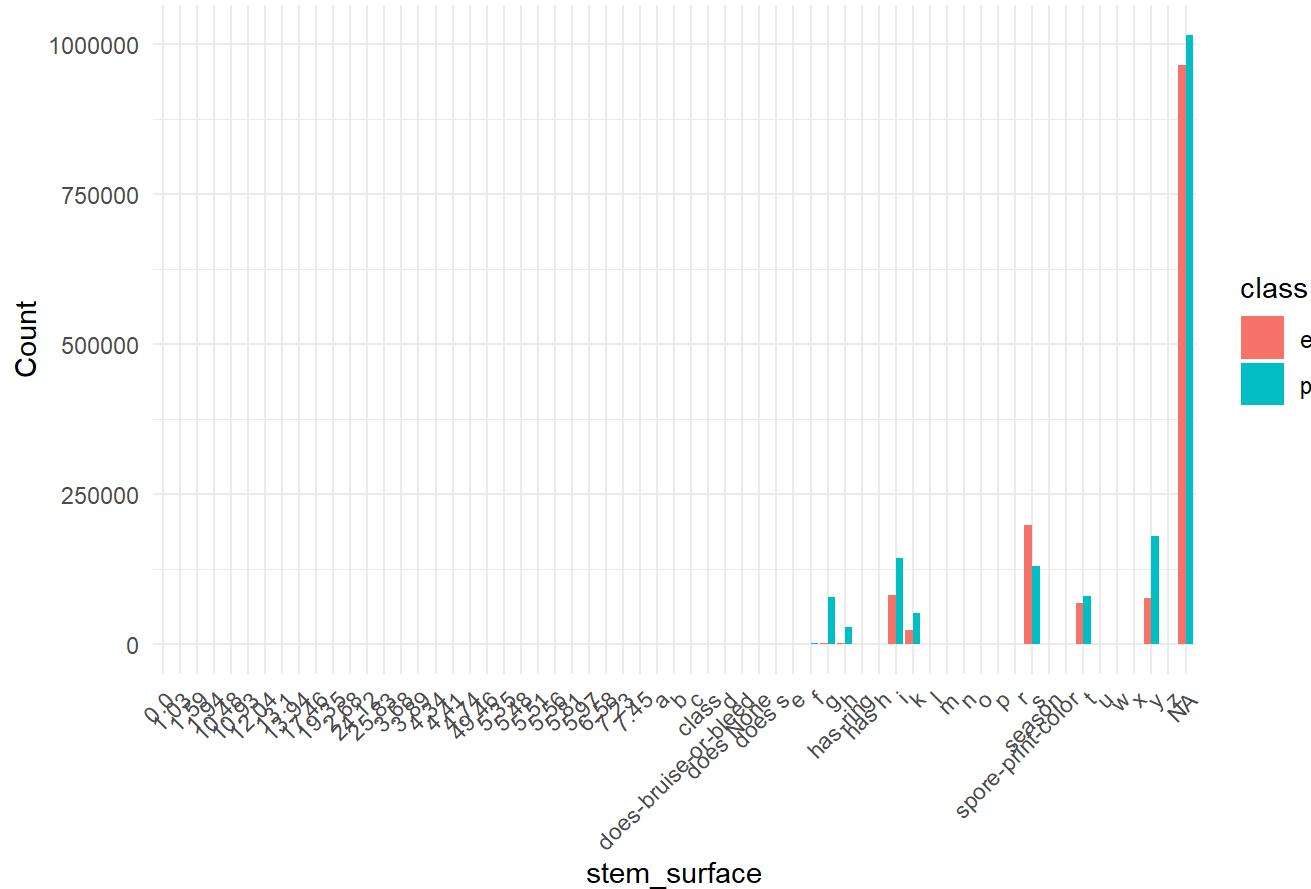
```
## After Noise Removal
```

## Distribution of stem\_root by class



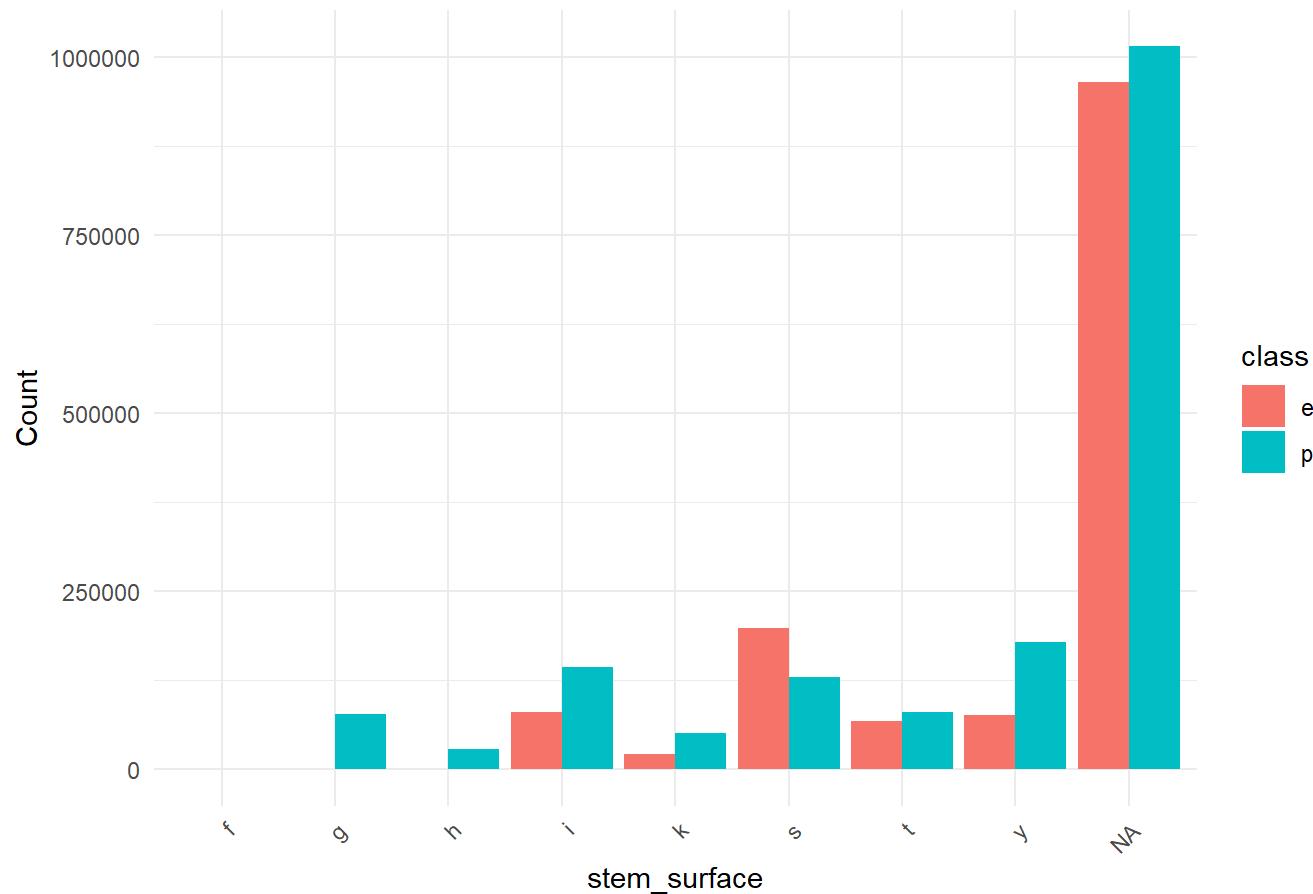
```
## Feature: stem_surface  
## Before Noise Removal
```

## Distribution of stem\_surface by class



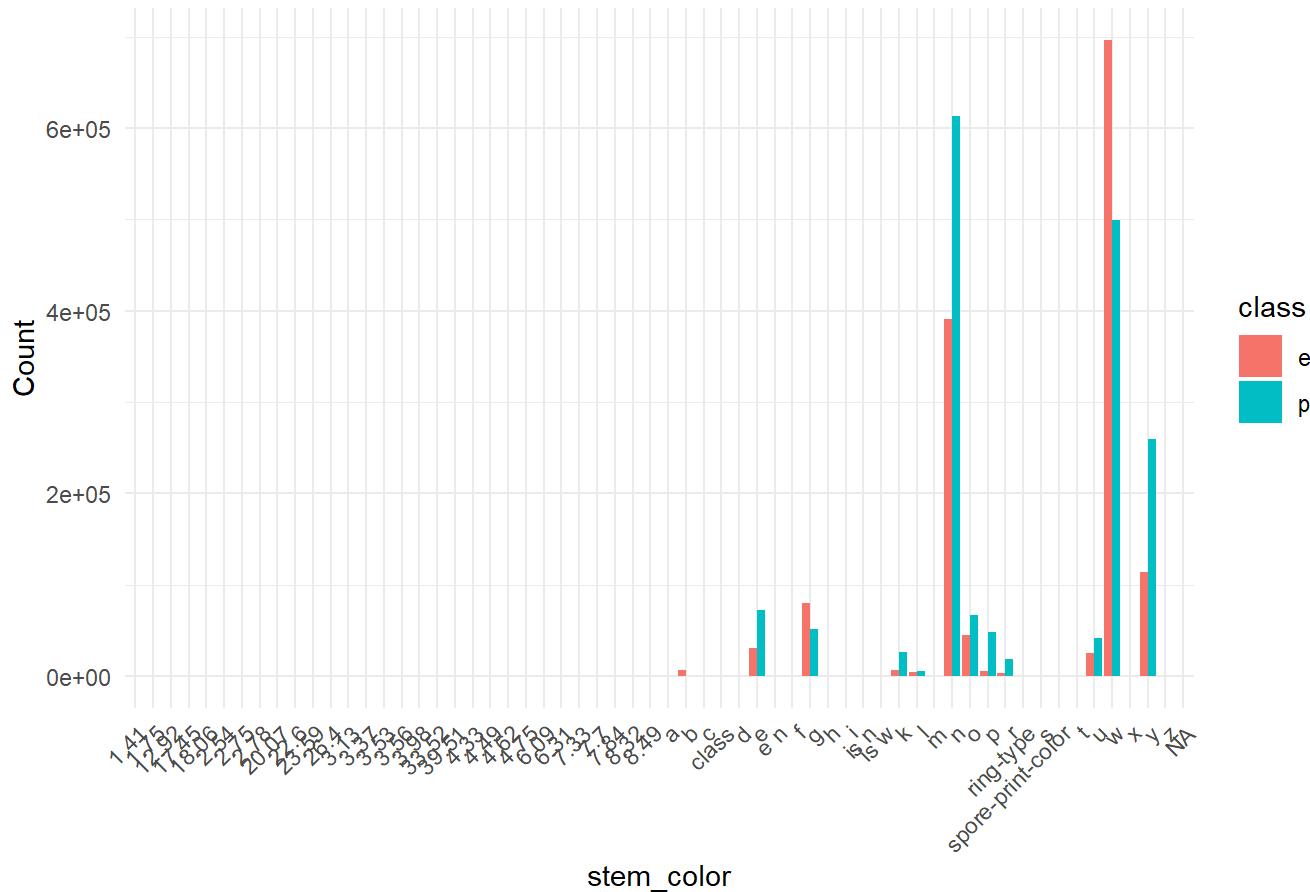
```
## After Noise Removal
```

## Distribution of stem\_surface by class



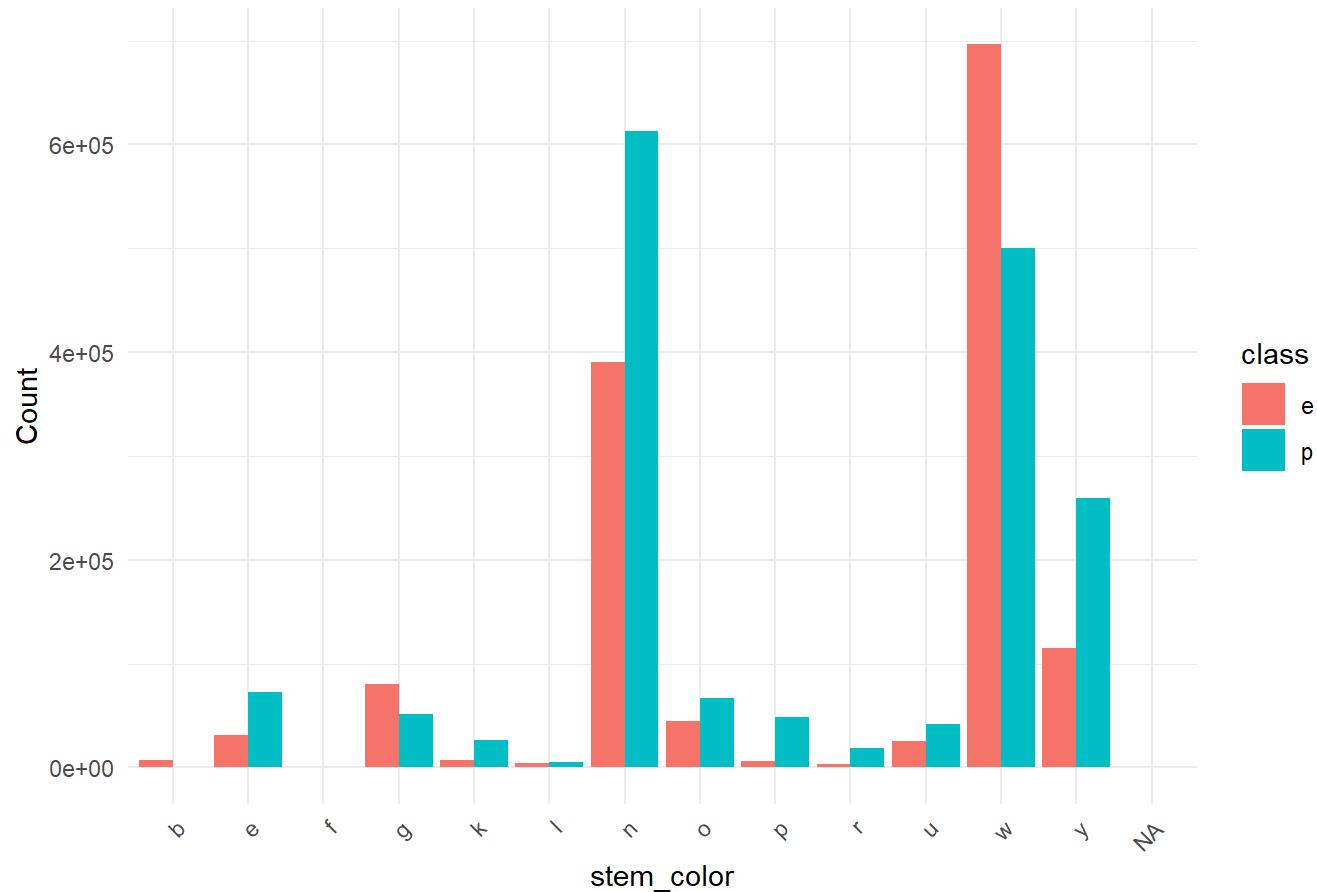
```
## Feature: stem_color  
## Before Noise Removal
```

## Distribution of stem\_color by class



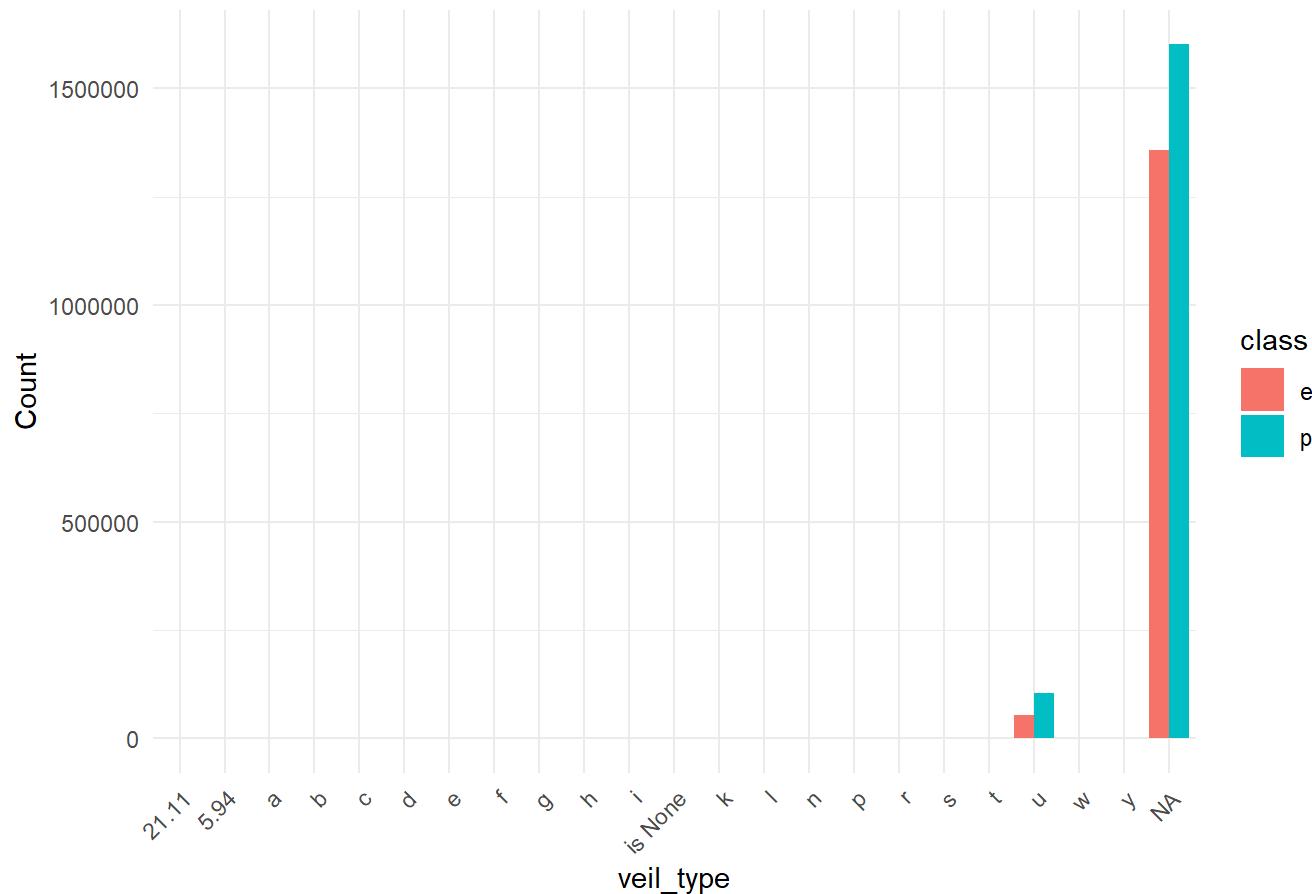
## After Noise Removal

## Distribution of stem\_color by class



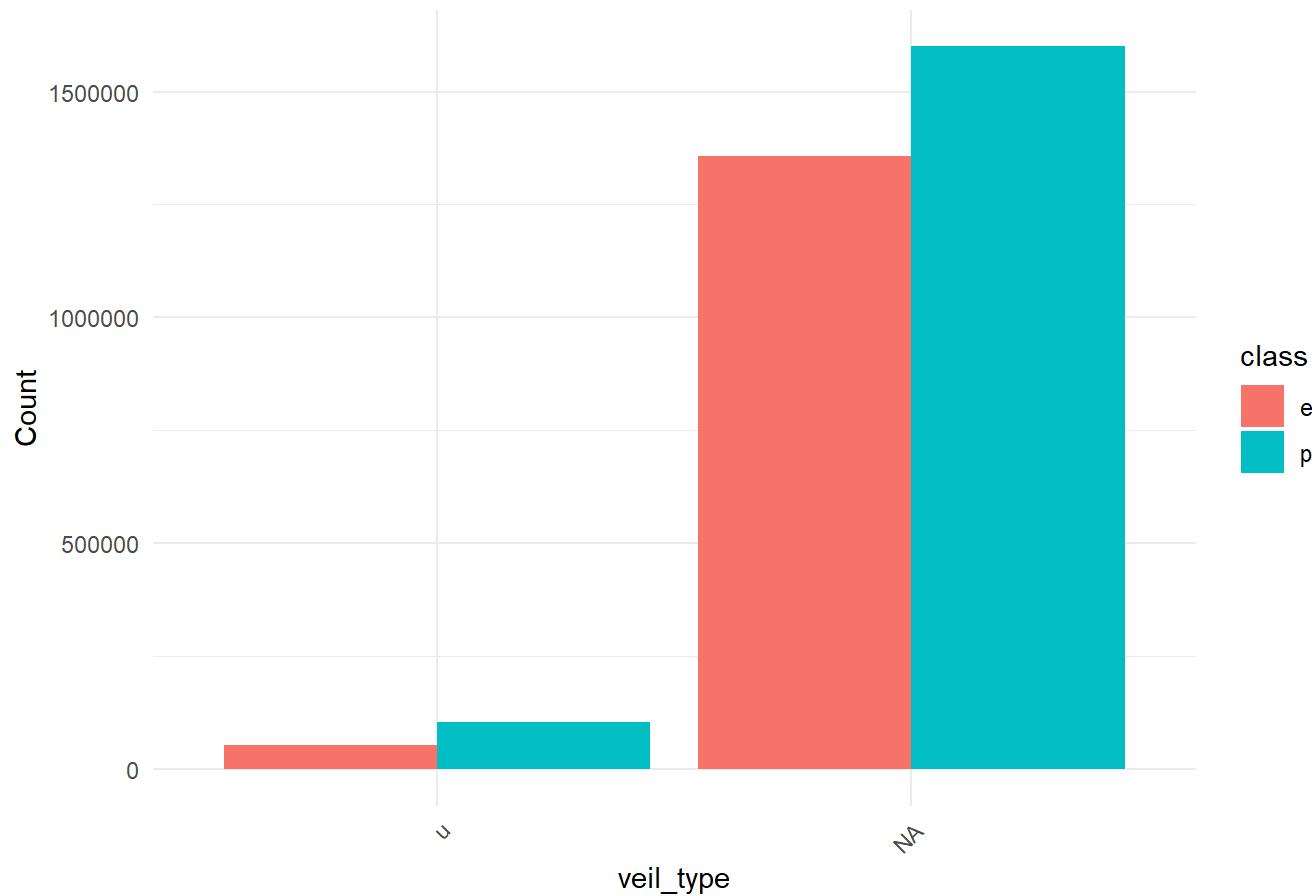
```
## Feature: veil_type  
## Before Noise Removal
```

## Distribution of veil\_type by class



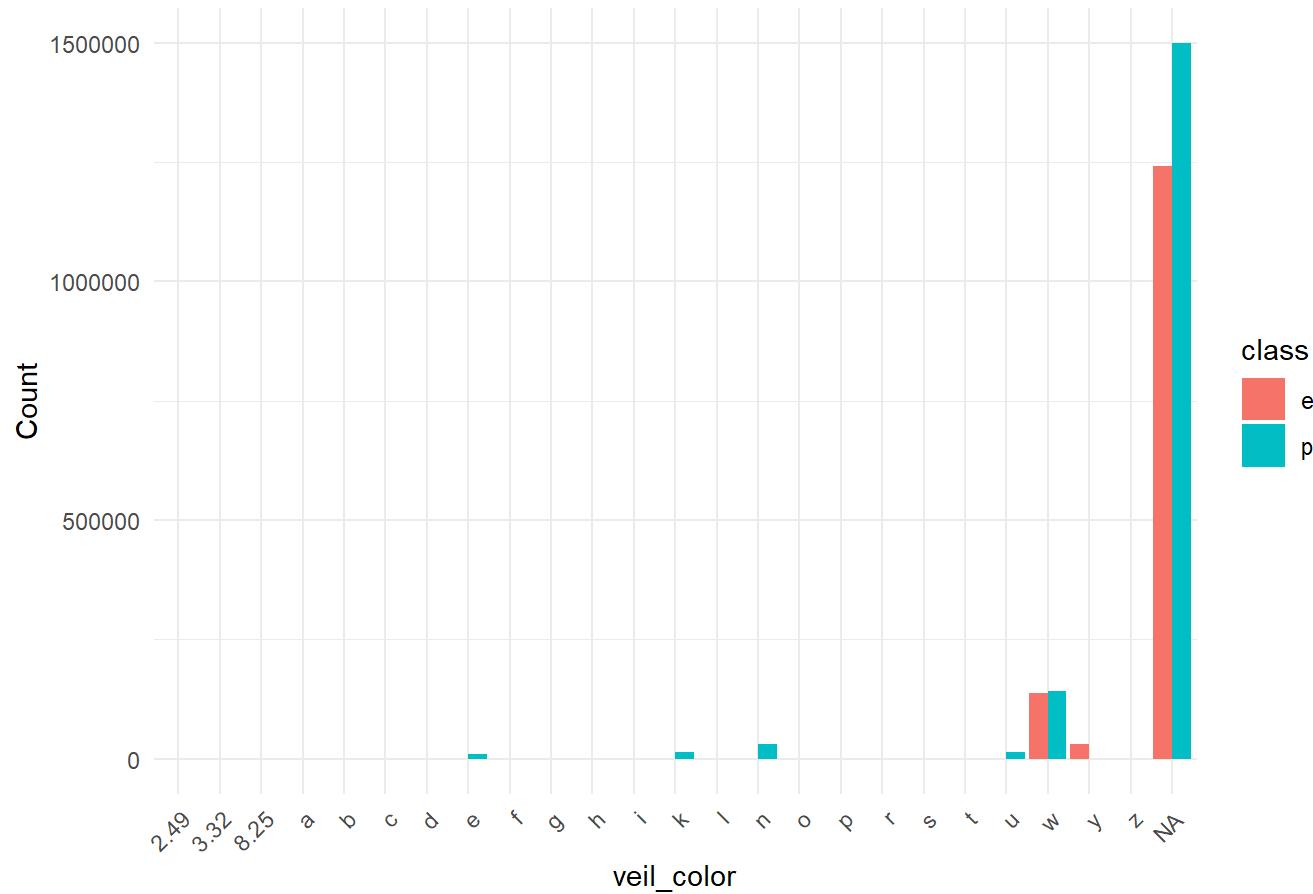
```
## After Noise Removal
```

## Distribution of veil\_type by class



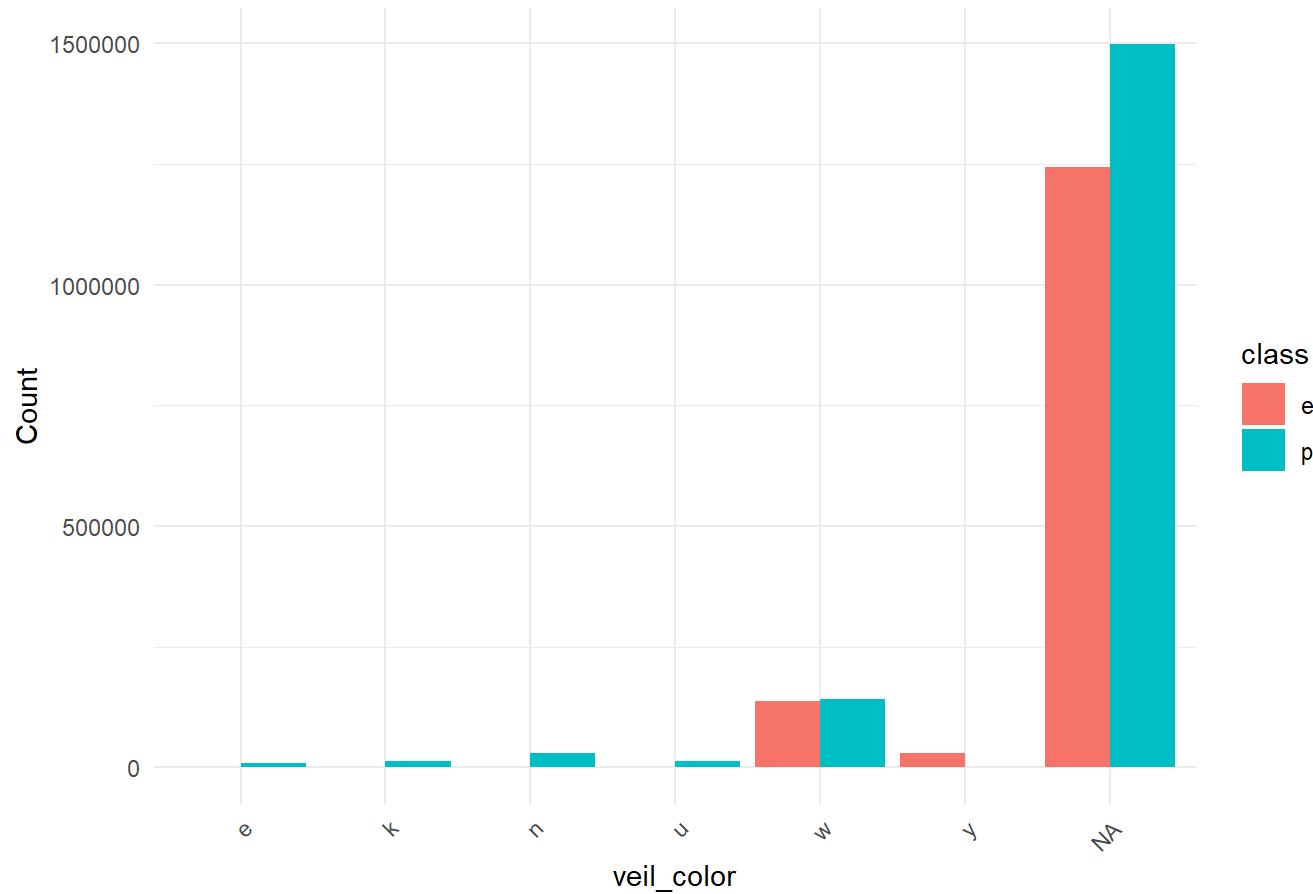
```
## Feature: veil_color  
## Before Noise Removal
```

## Distribution of veil\_color by class



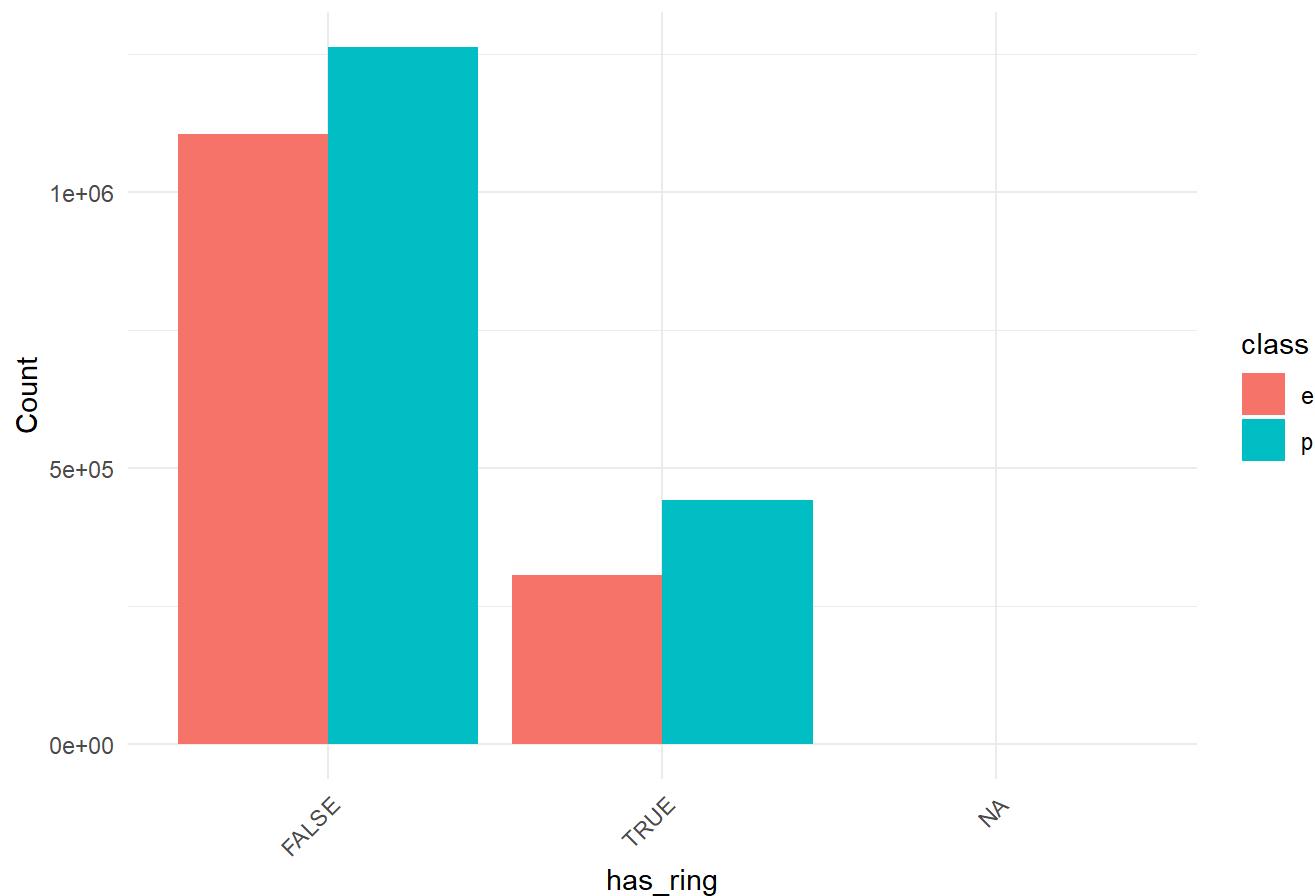
```
## After Noise Removal
```

## Distribution of veil\_color by class



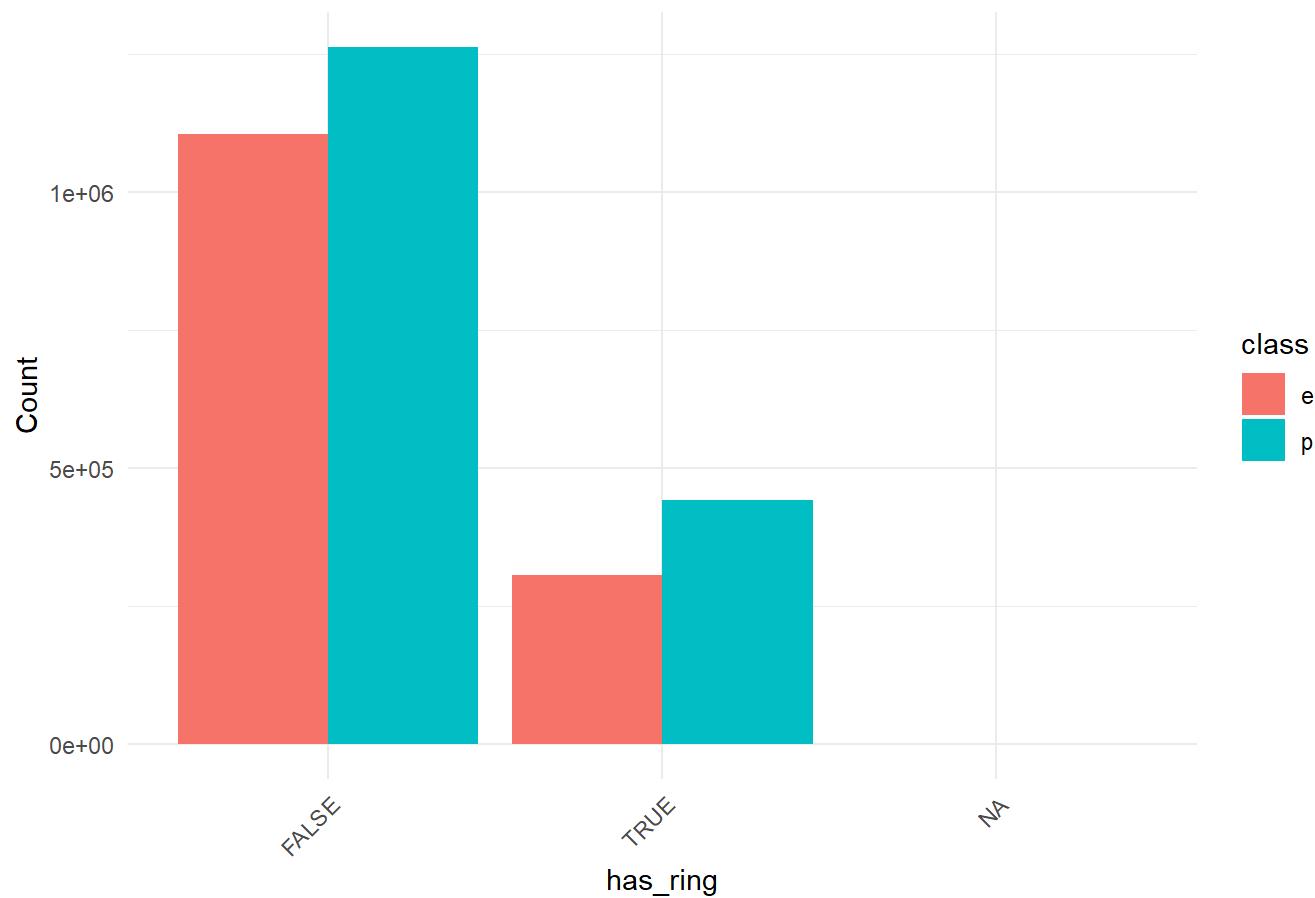
```
## Feature: has_ring  
## Before Noise Removal
```

## Distribution of has\_ring by class



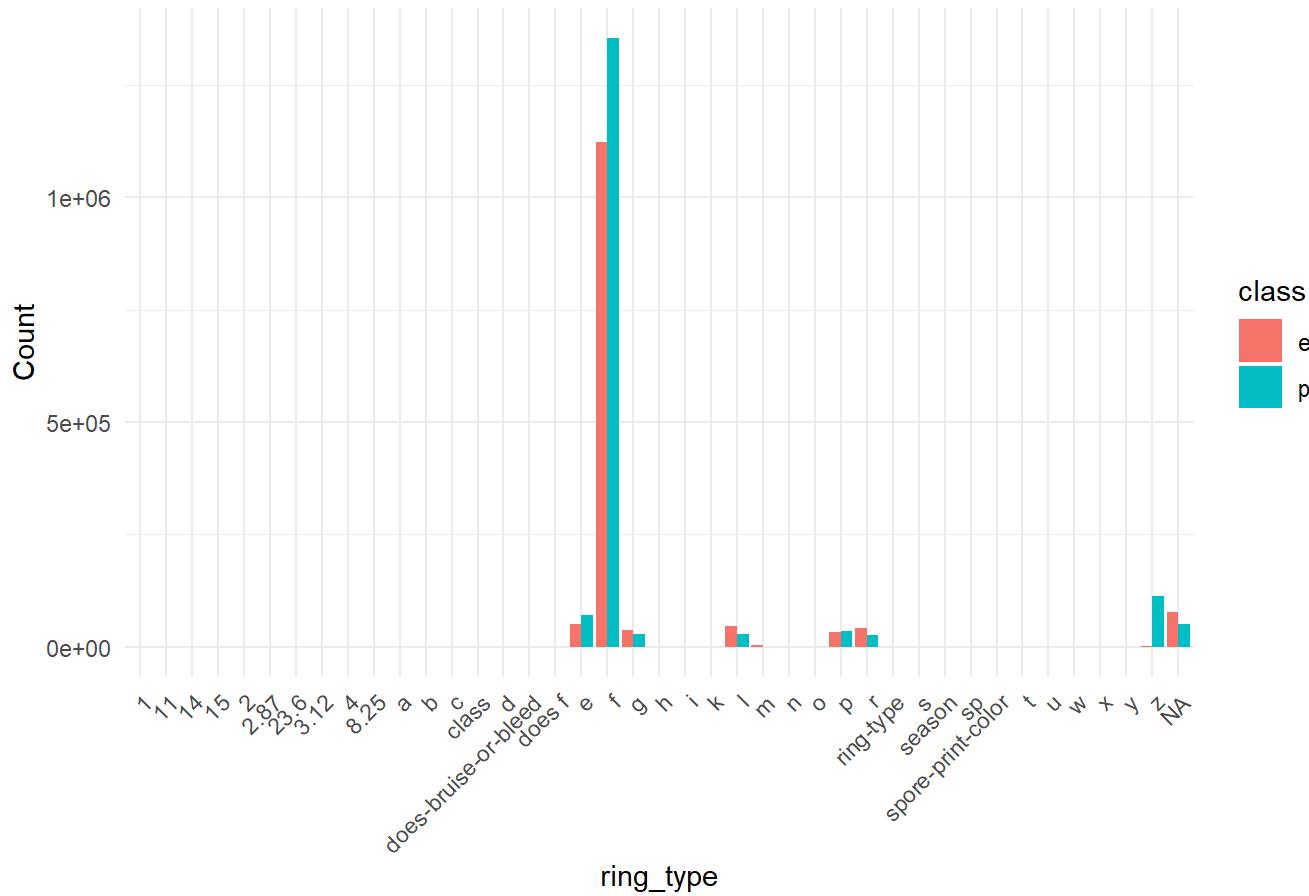
```
## After Noise Removal
```

## Distribution of has\_ring by class



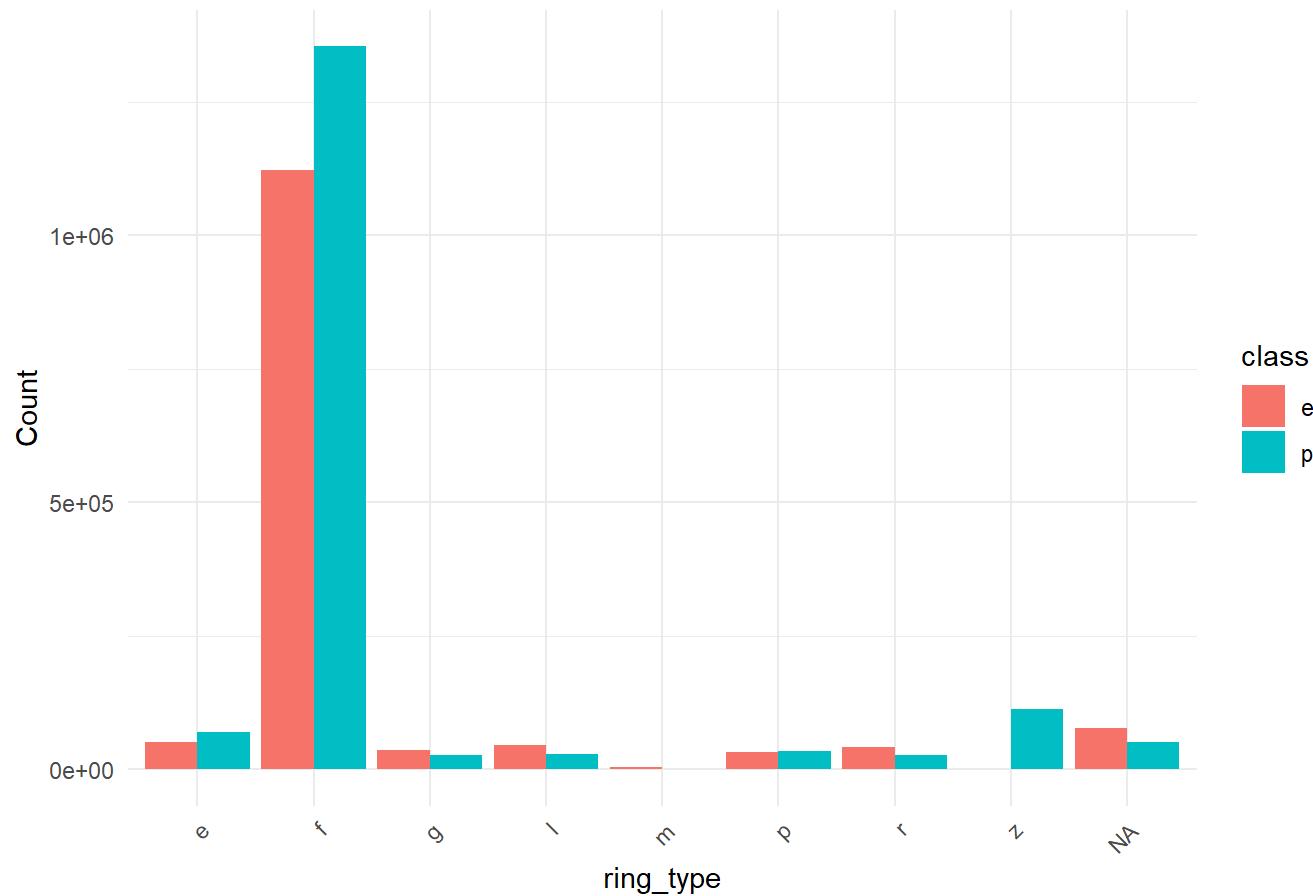
```
## Feature: ring_type  
## Before Noise Removal
```

## Distribution of ring\_type by class



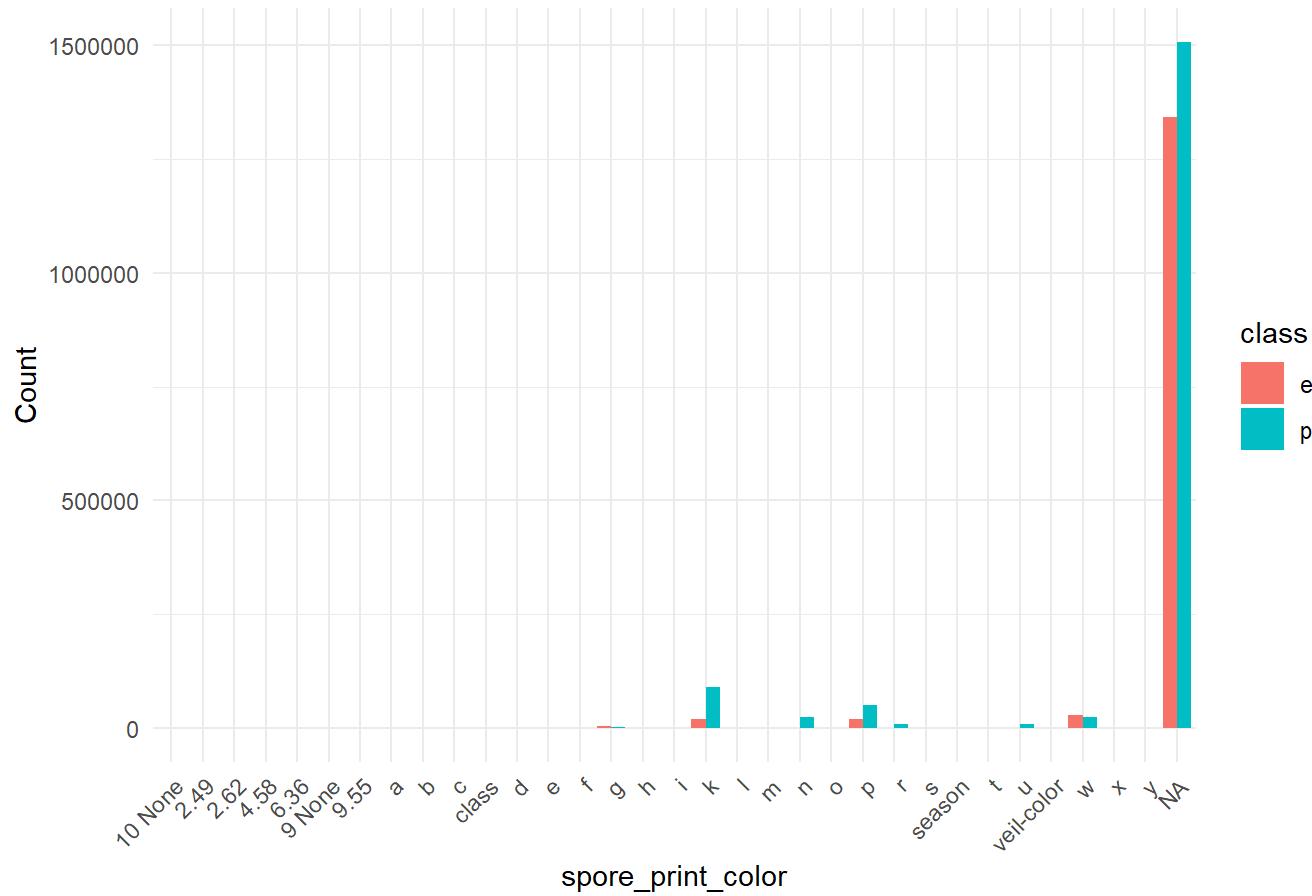
```
## After Noise Removal
```

## Distribution of ring\_type by class



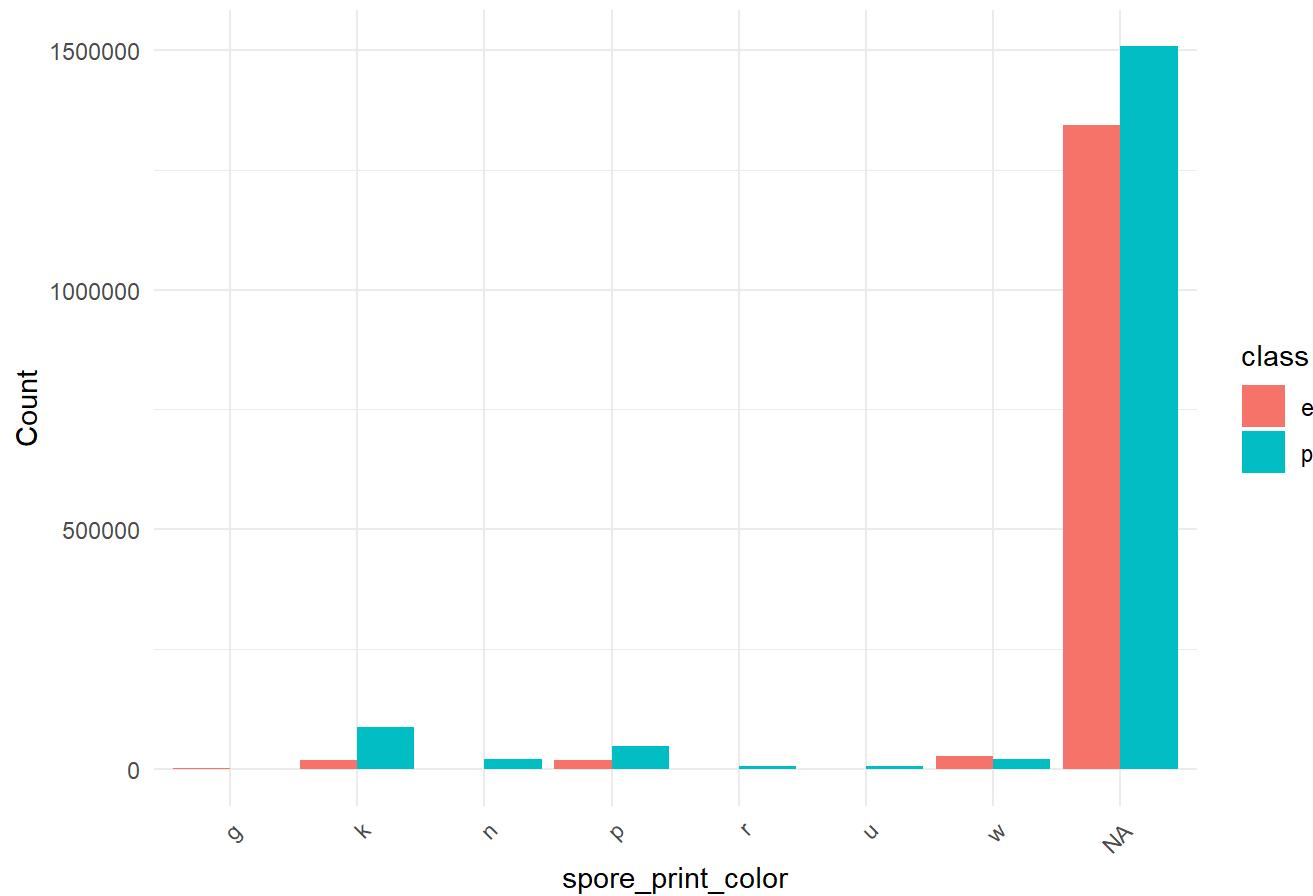
```
## Feature: spore_print_color  
## Before Noise Removal
```

## Distribution of spore\_print\_color by class



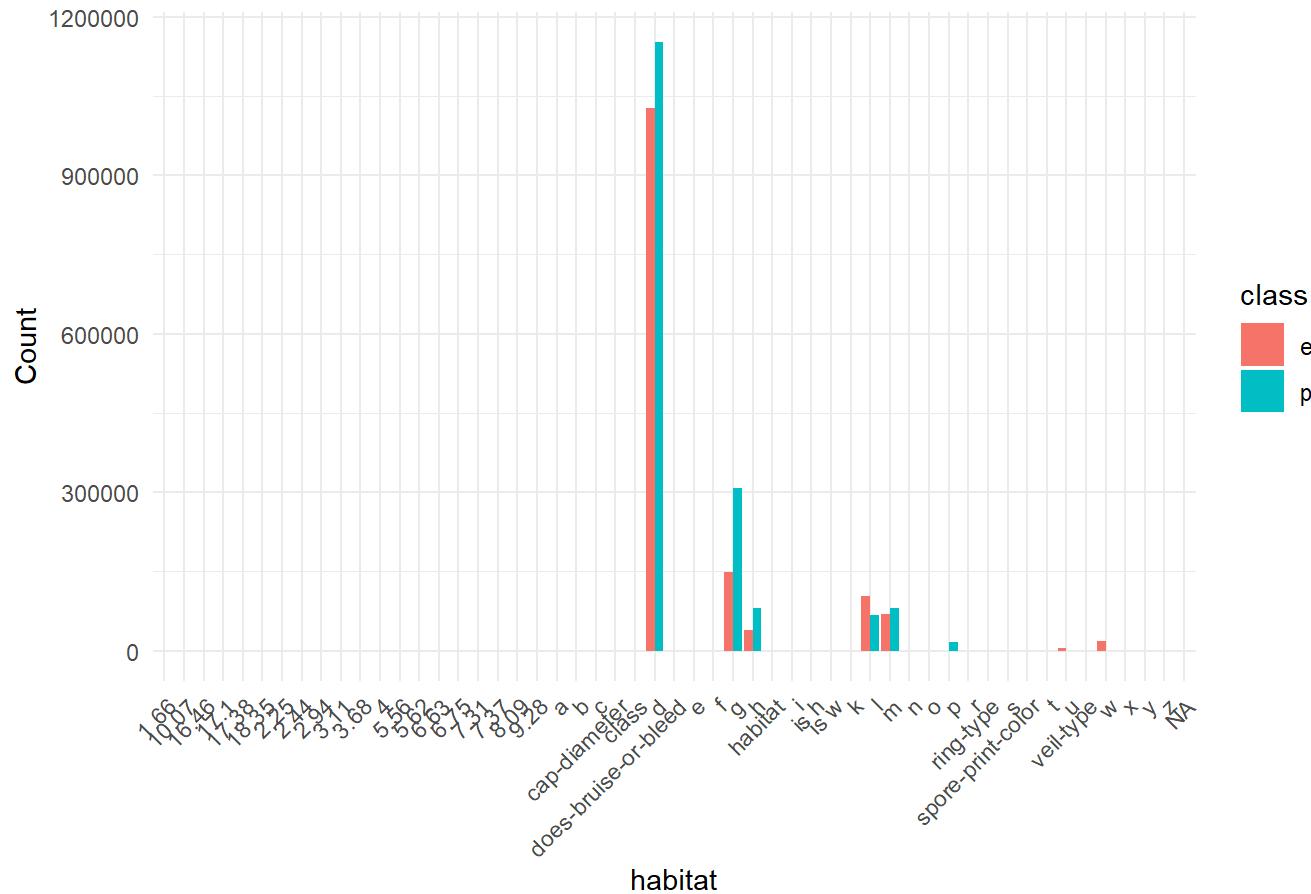
```
## After Noise Removal
```

## Distribution of spore\_print\_color by class

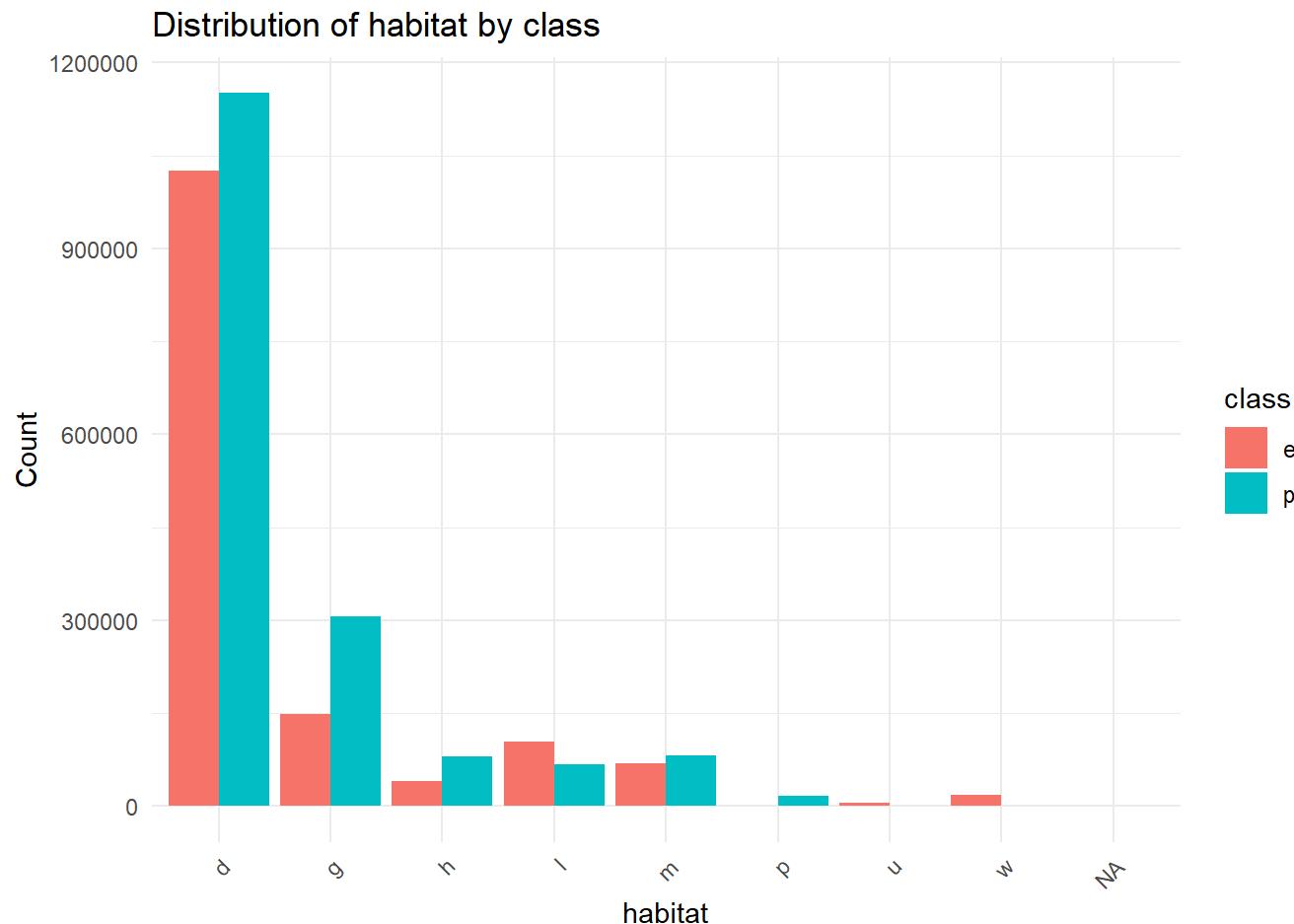


```
## Feature: habitat  
## Before Noise Removal
```

## Distribution of habitat by class

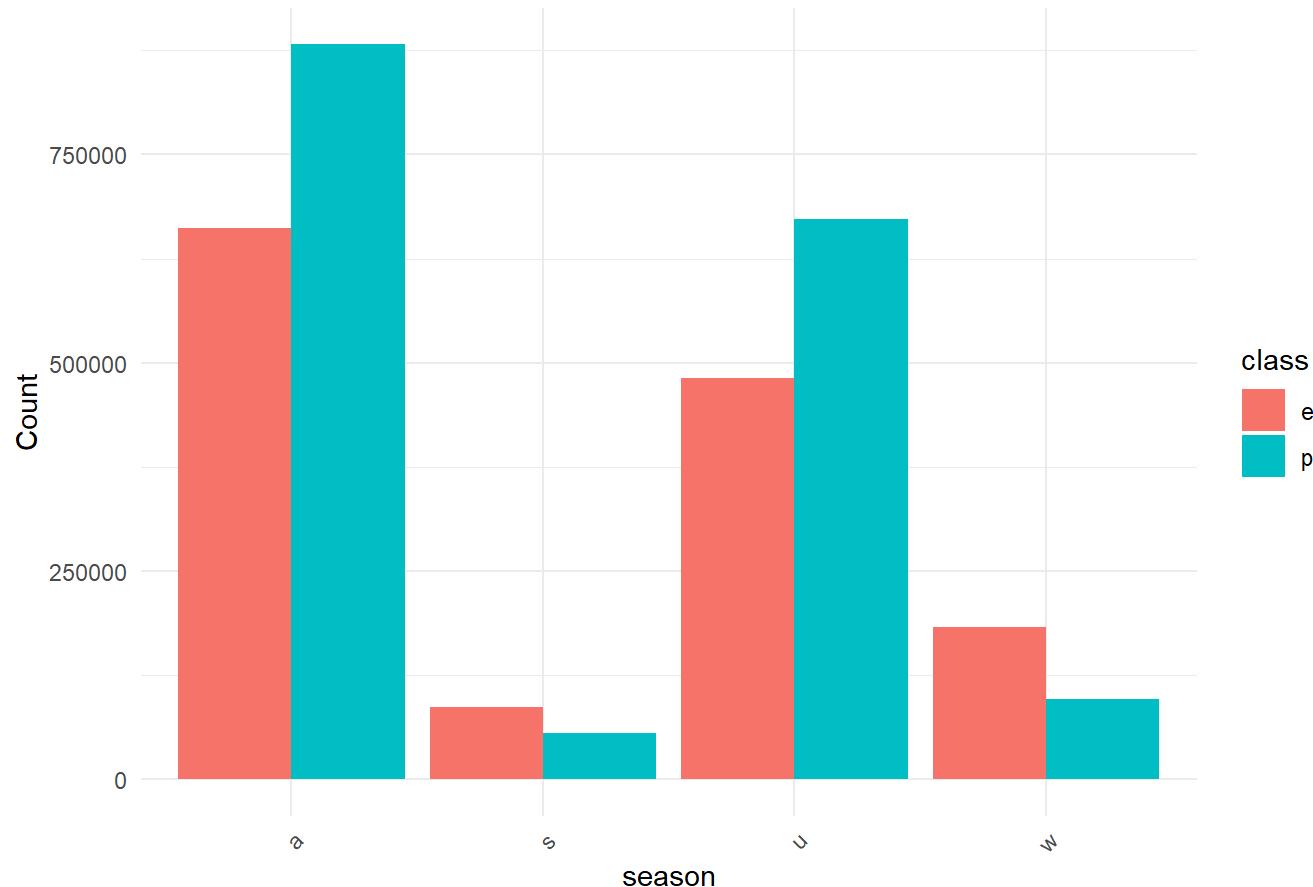


## After Noise Removal



```
## Feature: season  
## Before Noise Removal
```

## Distribution of season by class



```
## After Noise Removal
```

### Distribution of season by class

