

10_SALG-histograms

Deidre Jaeger

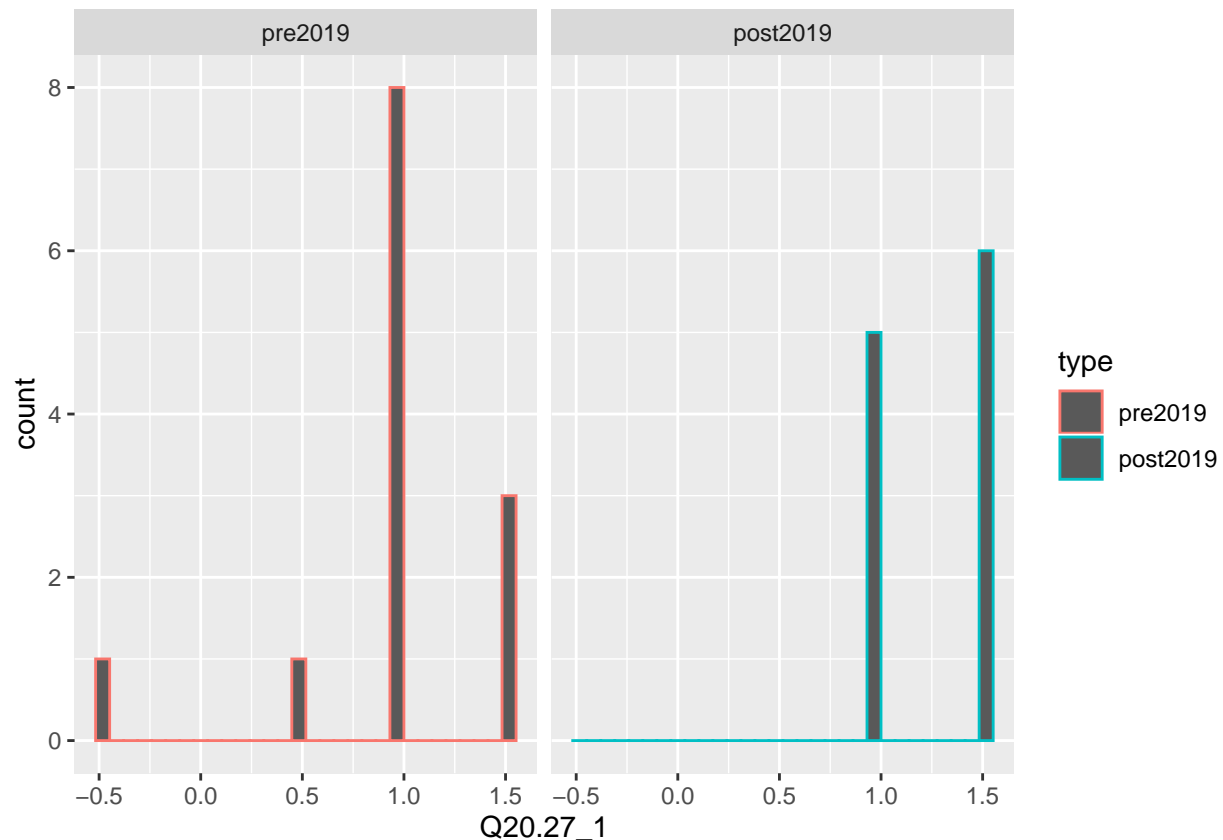
4/2/2020

The SALG questions are not the same pre/post, so need to just look at histograms and compare before/after

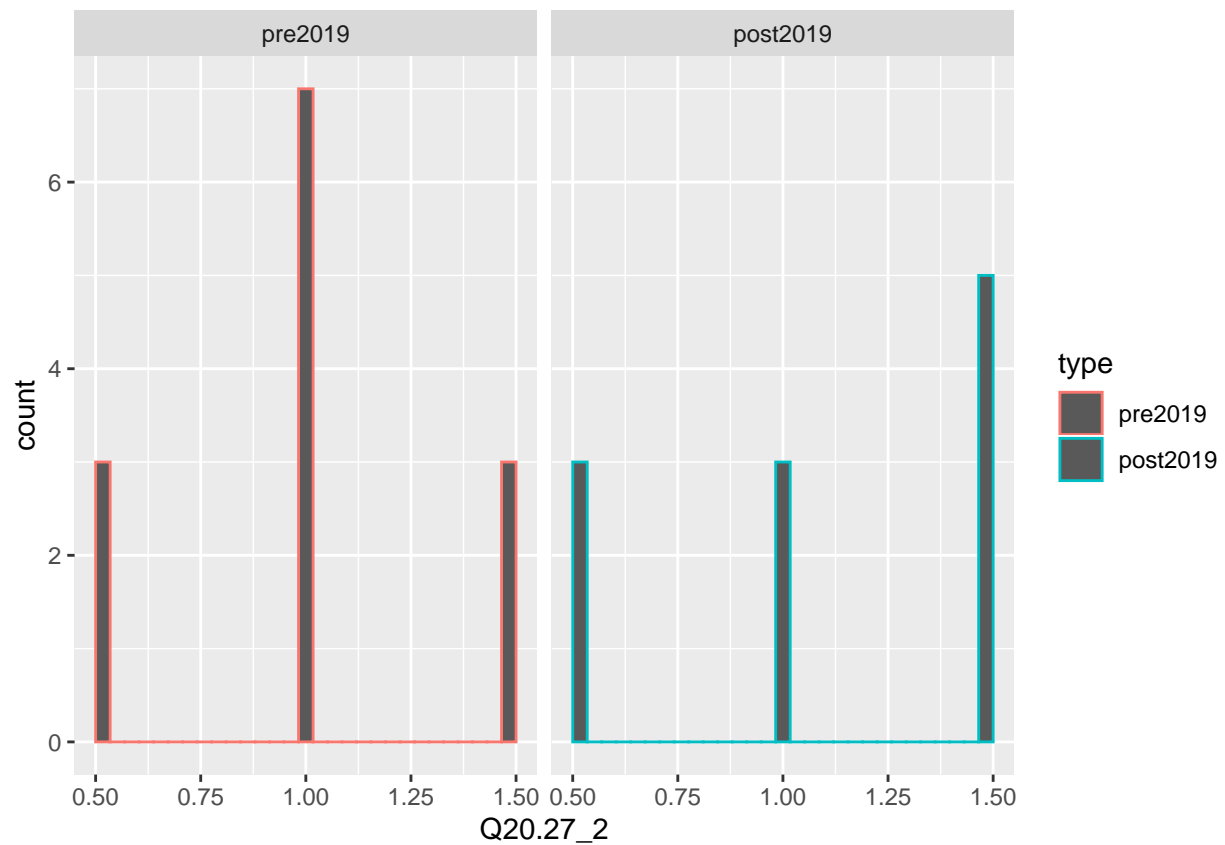
Non-content questions (SALG) Presently I Can... Scale Response Category 1 = I gained nothing/not at all 2 = I gained a little 3 = I gained somewhat 4 = I gained a lot 5 = I gained a great deal [different scale than Pre-Assessment] Q20. Find articles relevant to a particular problem in professional journals or elsewhere Q21. Critically read articles about issues raised in class Q22. Identify patterns in data Q23. Recognize a sound argument and appropriate use of evidence Q24. Develop a logical argument Q25. Write documents in discipline-appropriate style and format Q26. Work effectively with others Q27. Prepare and give oral presentations

```
# Q20. Find articles relevant to a particular problem in professional journals or elsewhere  
# improvement
```

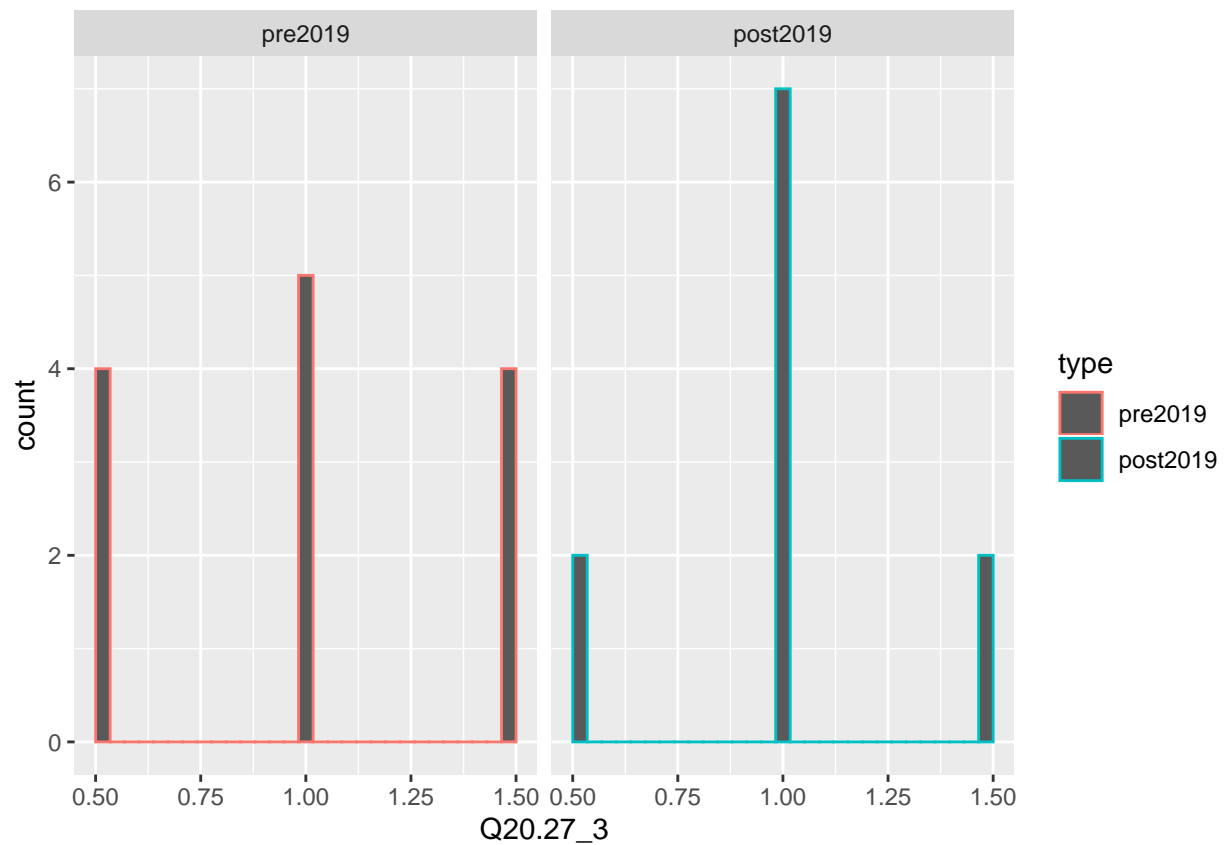
```
ggplot(data = pre.post, mapping = aes(x=Q20.27_1, color = type)) +  
  geom_histogram() +  
  facet_wrap(~type)
```



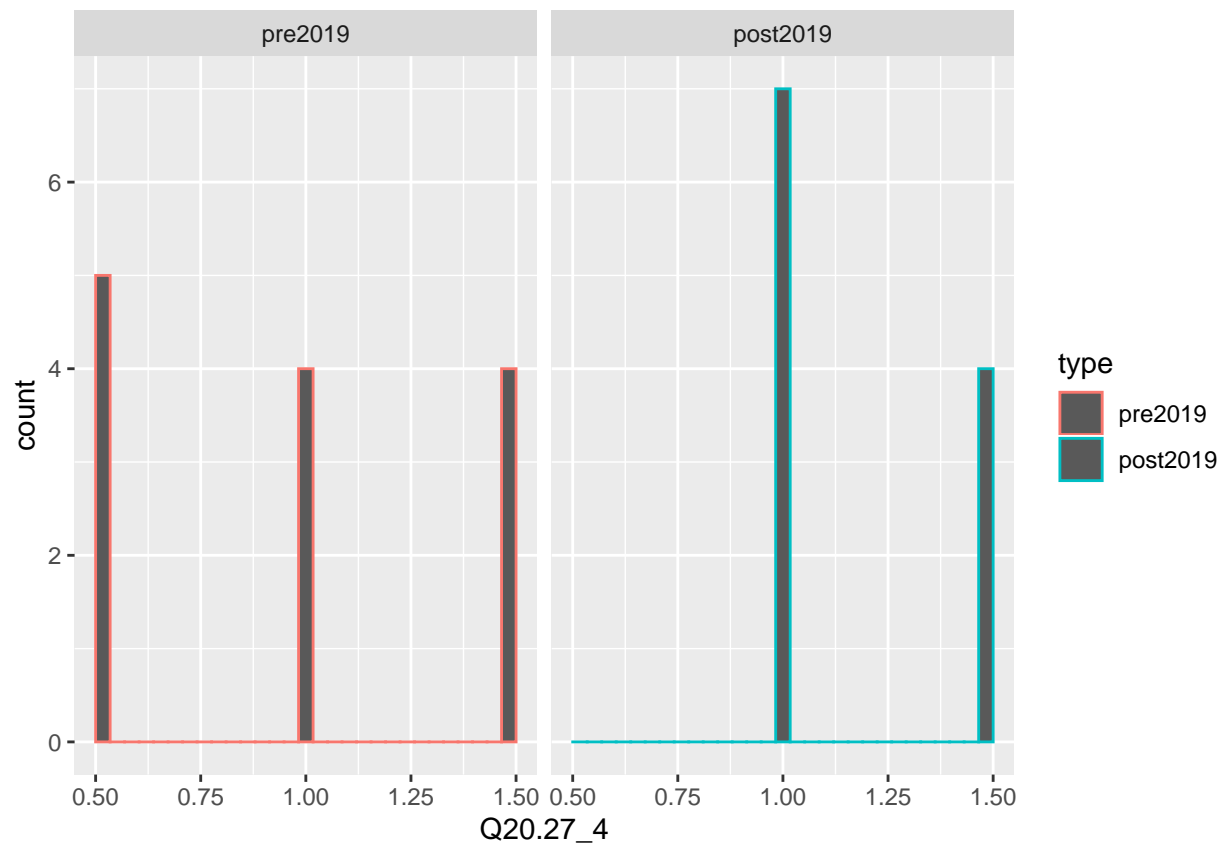
```
# Q21. Critically read articles about issues raised in class  
# some improvement  
ggplot(data = pre.post, mapping = aes(x=Q20.27_2, color = type)) +  
  geom_histogram() +  
  facet_wrap(~type)
```



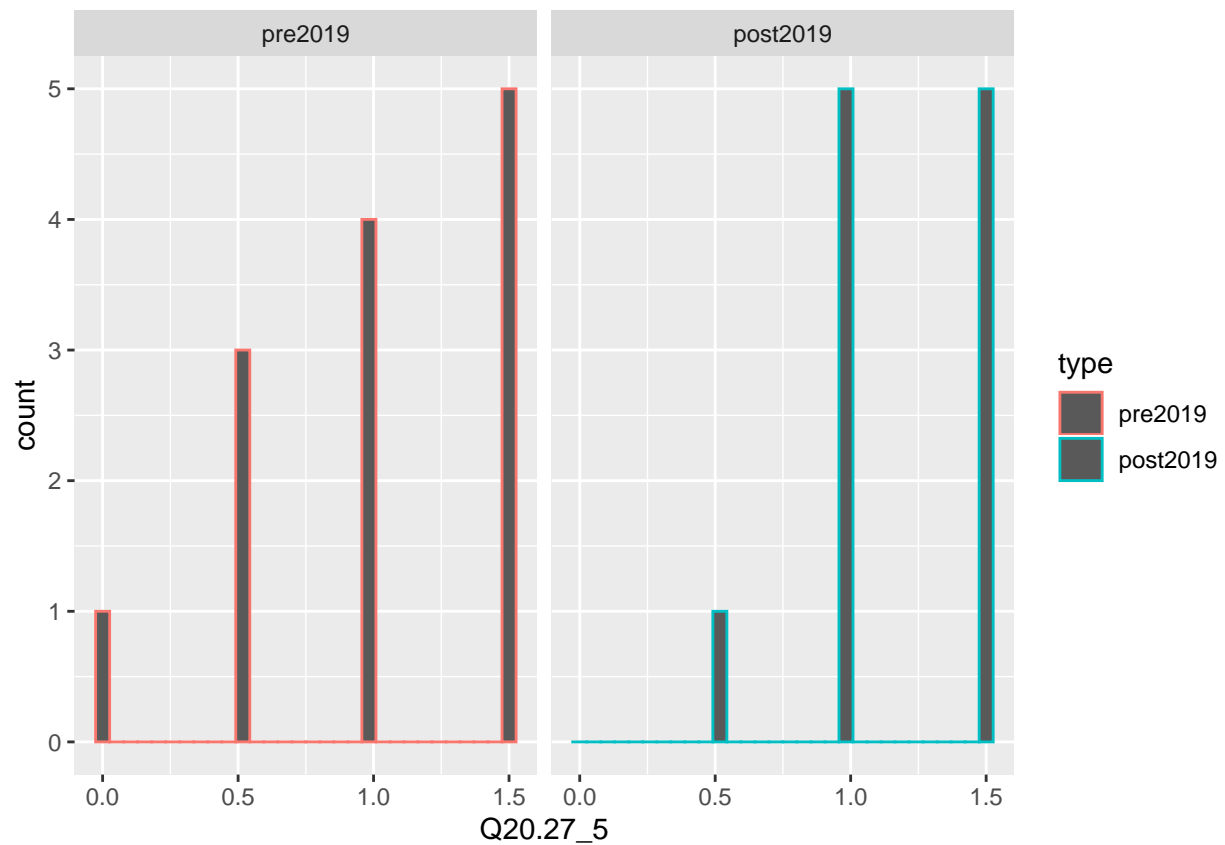
```
# Q22. Identify patterns in data
# improvement
ggplot(data = pre.post, mapping = aes(x=Q20.27_3, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



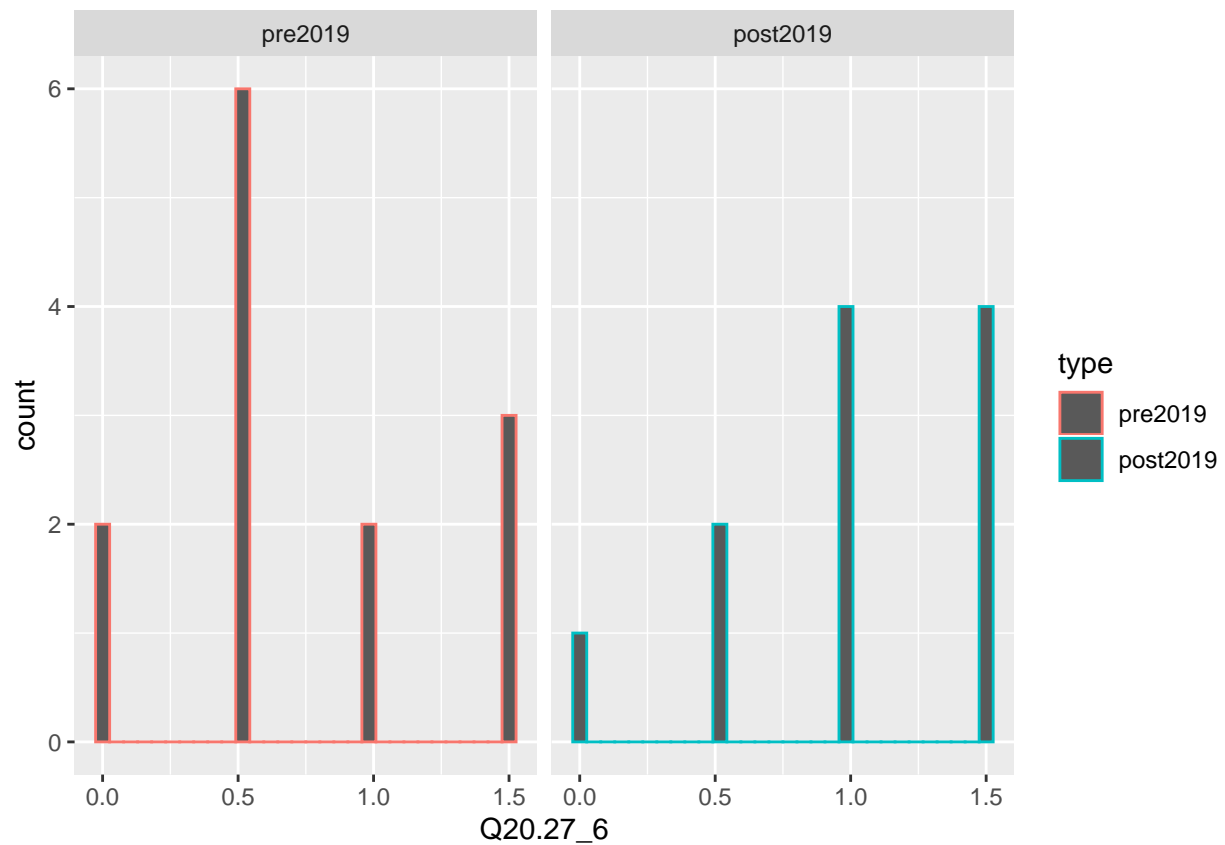
```
# Q23. Recognize a sound argument and appropriate use of evidence
# improvement
ggplot(data = pre.post, mapping = aes(x=Q20.27_4, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



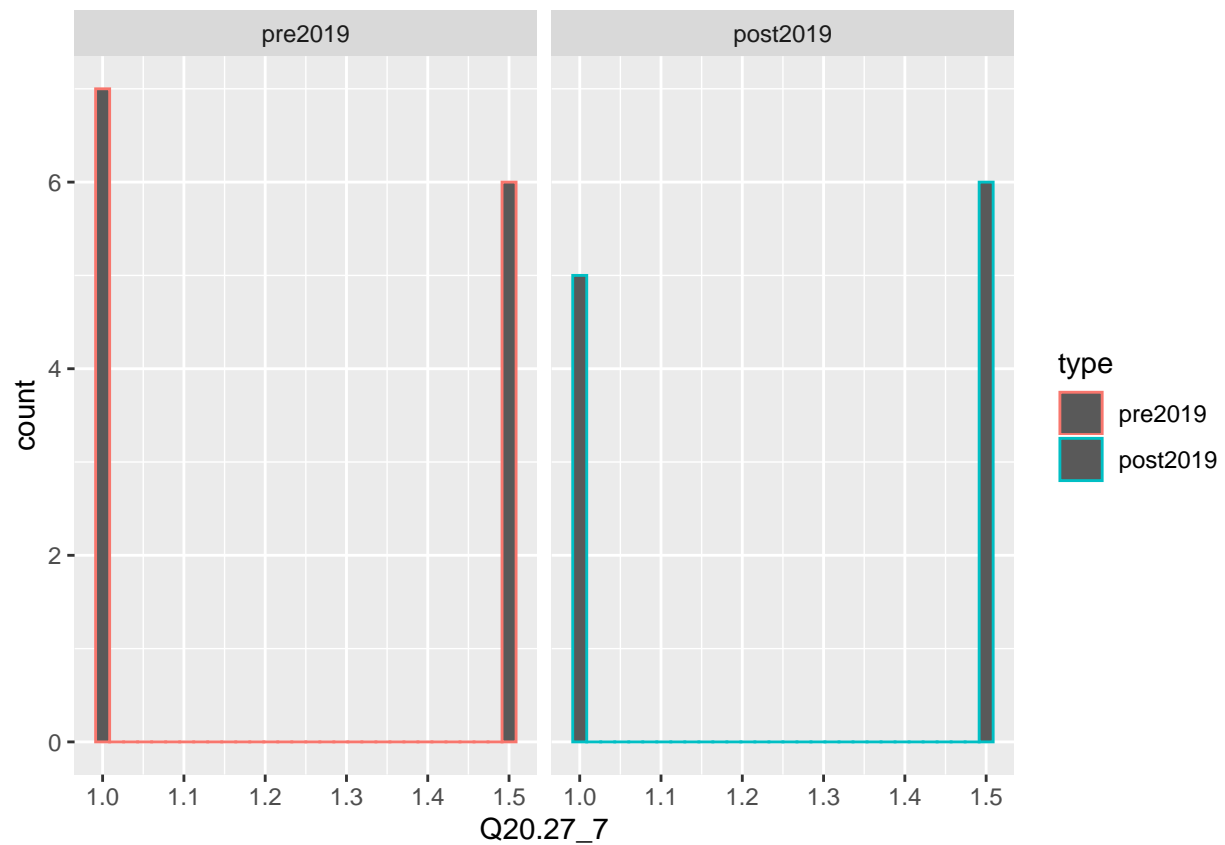
```
# Q24. Develop a logical argument
# improvement
ggplot(data = pre.post, mapping = aes(x=Q20.27_5, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



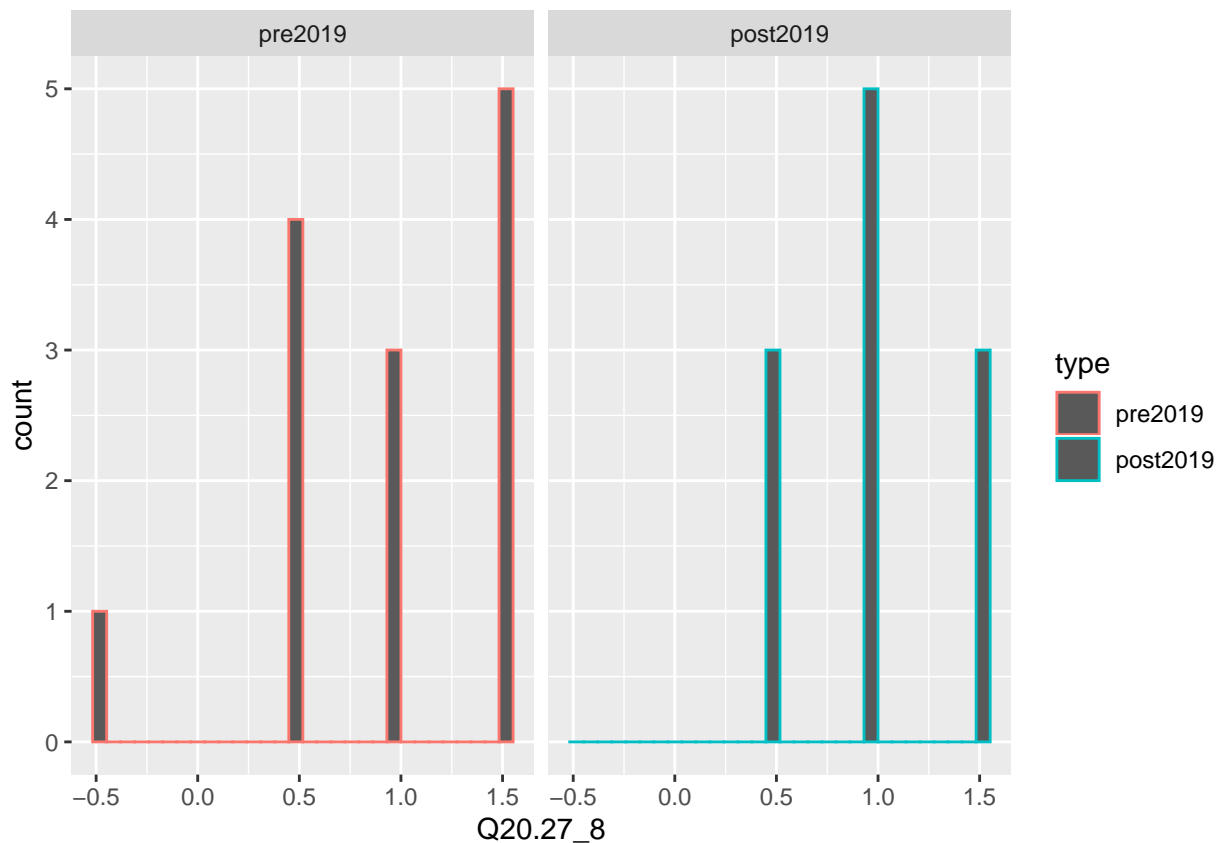
```
# Q25. Write documents in discipline-appropriate style and format
# improvement
ggplot(data = pre.post, mapping = aes(x=Q20.27_6, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



```
# Q26. Work effectively with others  
# minor improvement  
ggplot(data = pre.post, mapping = aes(x=Q20.27_7, color = type)) +  
  geom_histogram() +  
  facet_wrap(~type)
```

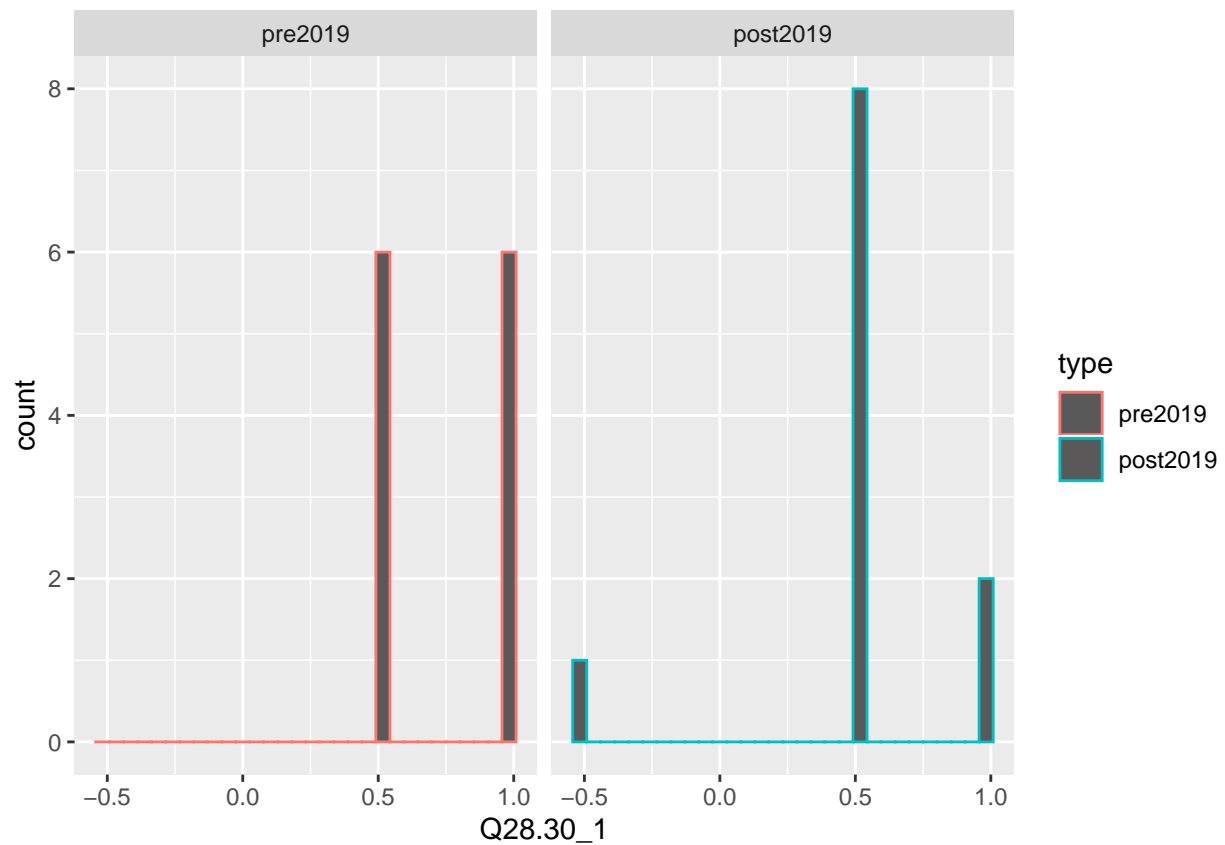


```
# Q27. Prepare and give oral presentations
# improvement
ggplot(data = pre.post, mapping = aes(x=Q20.27_8, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```

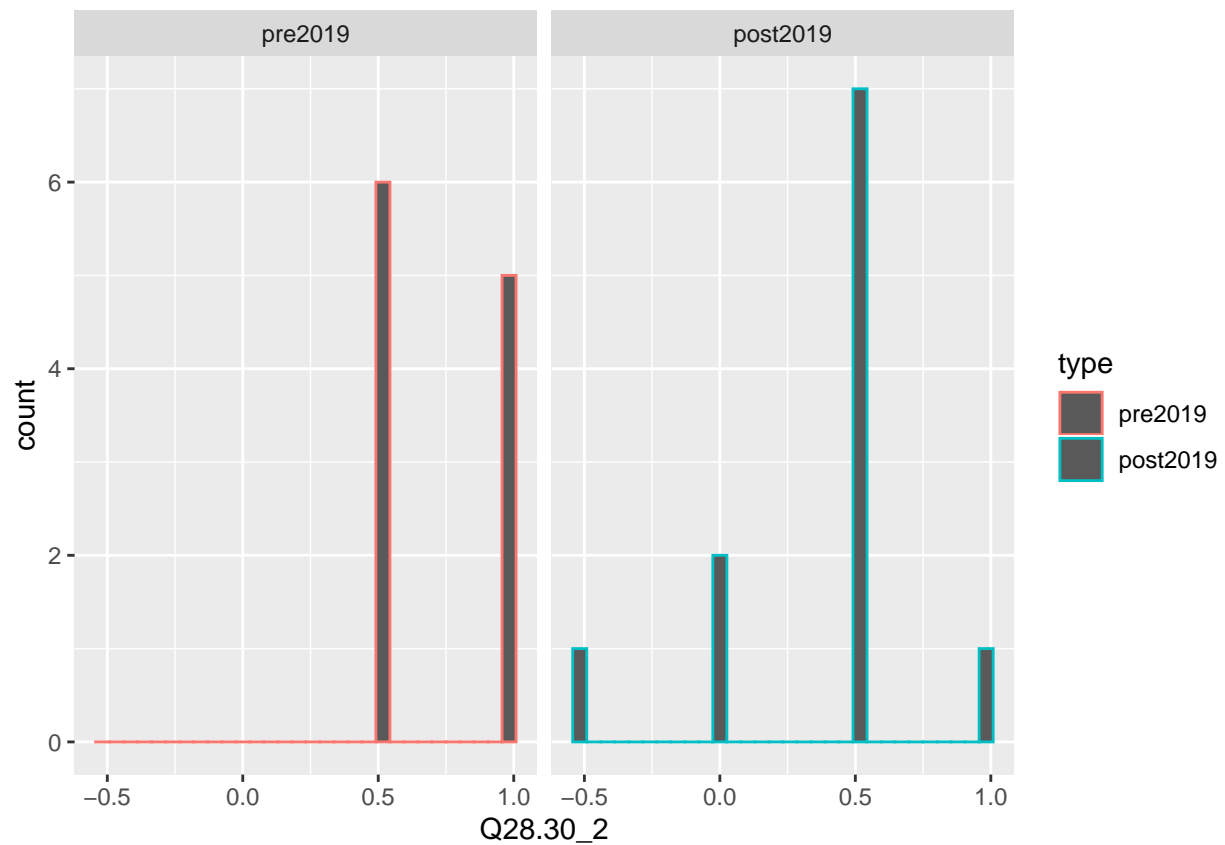


(SALG) Presently I Understand... Scale Response Category 1 = I gained nothing/not at all 2 = I gained a little 3 = I gained somewhat 4 = I gained a lot 5 = I gained a great deal [different scale than Pre-Assessment]
 Q28. How ideas we will explore in this class relate to ideas I have encountered in other classes within this subject area
 Q29. How ideas we will explore in this class relate to ideas I have encountered in classes outside of this subject area
 Q30. How studying this subject helps people address real world issues

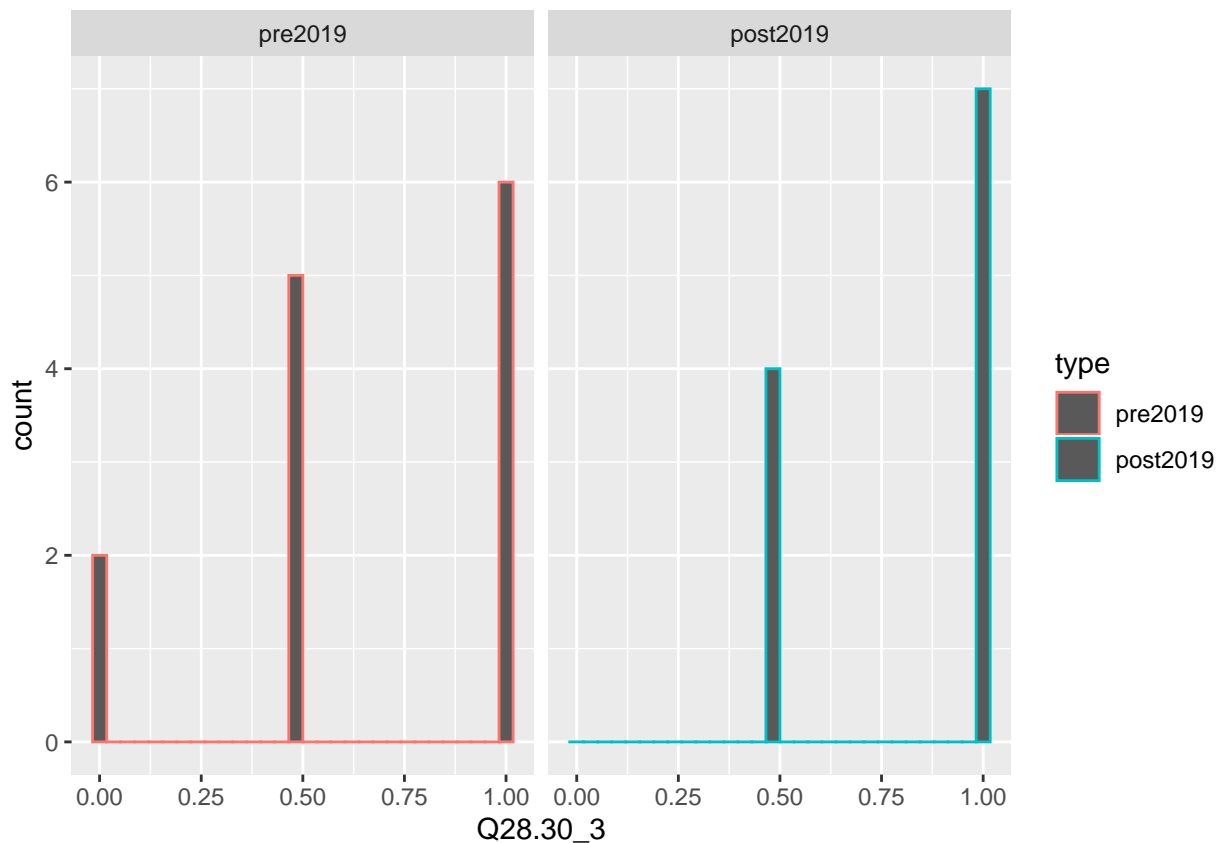
```
# Q28. How ideas we will explore in this class relate to ideas I have encountered in other classes with
# no/minor improvement
ggplot(data = pre.post, mapping = aes(x=Q28.30_1, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```

```
# Q29. How ideas we will explore in this class relate to ideas I have encountered in classes outside of
# less consensus
ggplot(data = pre.post, mapping = aes(x=Q28.30_2, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```

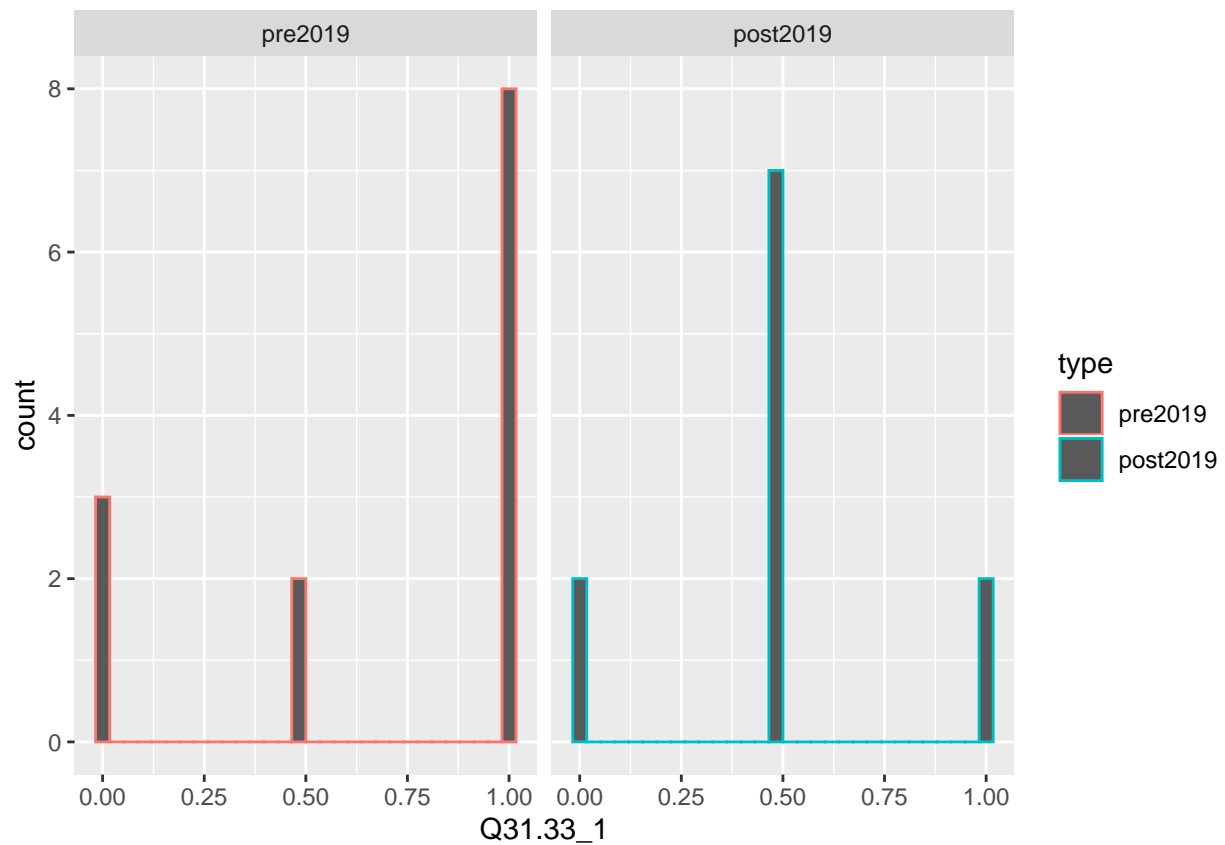


```
# Q30. How studying this subject helps people address real world issues  
# improvement  
ggplot(data = pre.post, mapping = aes(x=Q28.30_3, color = type)) +  
  geom_histogram() +  
  facet_wrap(~type)
```

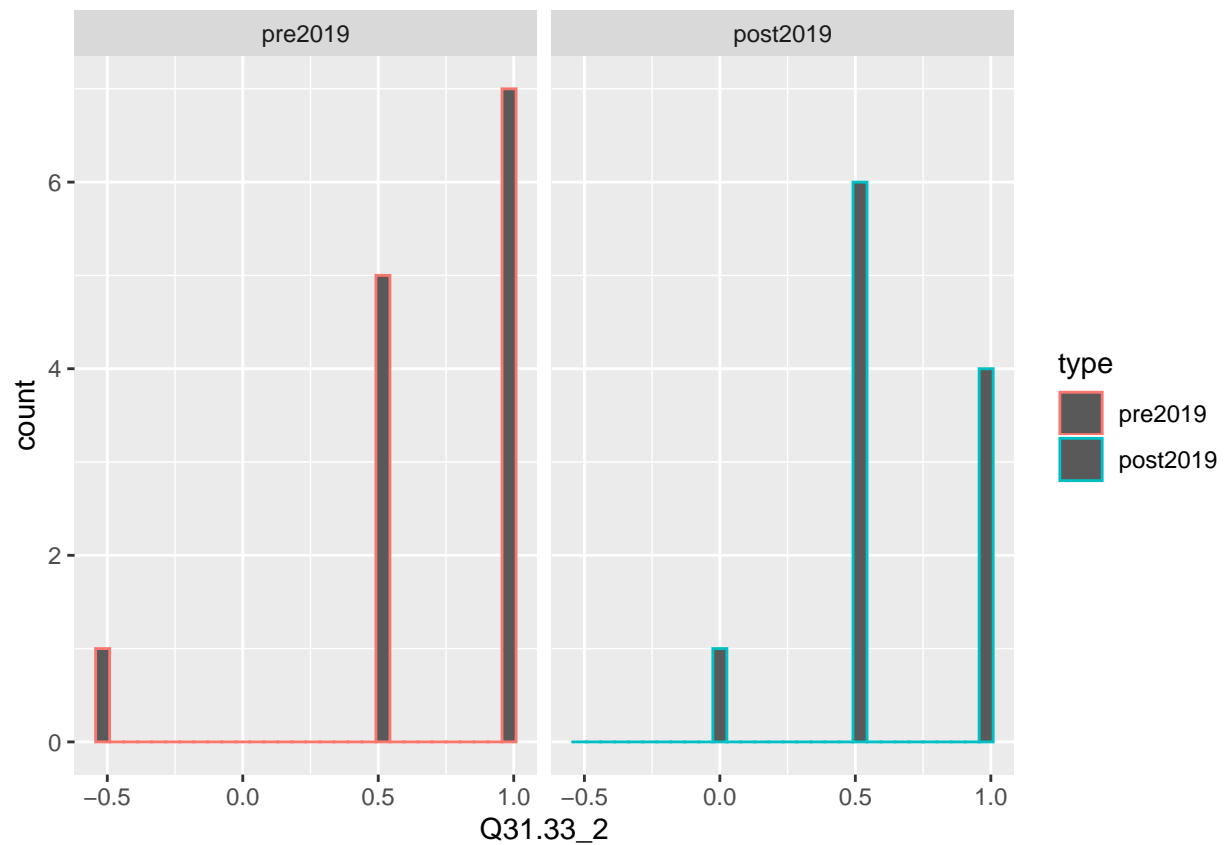


(SALG) Presently I Am... Scale Response Category 1 = I gained nothing/not at all 2 = I gained a little 3 = I gained somewhat 4 = I gained a lot 5 = I gained a great deal [different scale than Pre-Assessment] Q31. Enthusiastic about this subject Q32. Interested in discussing this subject area with friends or family Q33. Interested in taking or planning to take additional classes in this subject

```
# Q31. Enthusiastic about this subject
# overall gained
ggplot(data = pre.post, mapping = aes(x=Q31.33_1, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



```
# Q32. Interested in discussing this subject area with friends or family
# improved
ggplot(data = pre.post, mapping = aes(x=Q31.33_2, color = type)) +
  geom_histogram() +
  facet_wrap(~type)
```



```
# Q33. Interested in taking or planning to take additional classes in this subject  
# overall gains  
ggplot(data = pre.post, mapping = aes(x=Q31.33_3, color = type)) +  
  geom_histogram() +  
  facet_wrap(~type)
```

