Timeline

```
##
                  x freq
## 1 Every 1-2 hours
## 2 Every 3-4 hours
## 3
         Every hour
                      16
## 4
              Other
                      12
## [1] "About the same"
                           "Less"
                                                "More"
## [4] "Significantly less" "Significantly more"
##
          x freq
## 1
       East
              14
## 2 Midwest
## 3
      South
              87
## 4
       West
              34
## 5
       <NA>
levels(factor(Core_Questions$State))
## [1] "East"
                "Midwest" "South"
                                    "West"
levels(factor(Core_Questions$S_D_E))
## [1] "Other"
                     "Three months" "Two months"
levels(factor(Core_Questions$RO_F_EG))
## [1] "1-25%"
                                    "50-75%"
                                                   "75-100%"
                     "25-50%"
## [5] "Fully funded" "Not funded"
levels(factor(Core_Questions$Deadline_today))
## [1] "" "No" "Yes"
levels(factor(Core_Questions$Workload_today))
## [1] ""
                 "Heavy"
                           "Light"
                                       "Standard"
levels(factor(Core_Questions$Workplace))
## [1] "Home"
               "Office" "Other"
levels(factor(Core_Questions$R_Style))
```

[1] "Hands-off" "Hands-on"

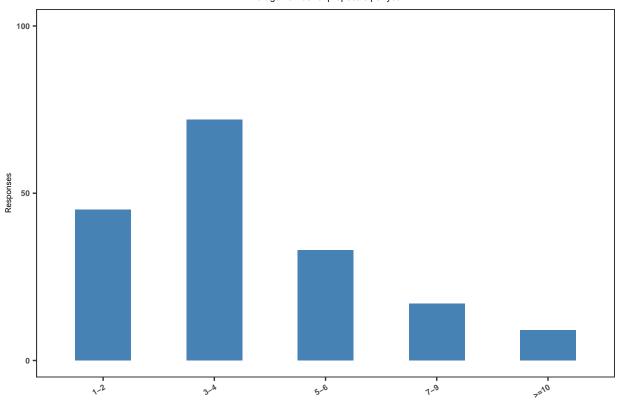
```
levels(factor(Core_Questions$TW_W_H))
## [1] "< 30" "> 50" "30-40" "40-50"
levels(factor(Core_Questions$Break))
## [1] "Every 1-2 hours" "Every 3-4 hours" "Every hour"
                                                           "Other"
levels(factor(Core_Questions$Email))
## [1] "Reply instantly" "Reply Once/Twice"
levels(factor(Core_Questions$funding_proposal))
## [1] "Yes"
levels(factor(Core_Questions$A_N_Pro))
## [1] ">=10" "1-2" "3-4" "5-6" "7-9"
levels(factor(Core_Questions$funding_agency))
## [1] "DOD" "DOE" "NASA" "NIH" "NSF"
                                           "Other"
levels(factor(Core_Questions$Success))
## [1] "< 10%" "10-20%" "20-30%" "30-50%" "50-75%" "75-90%"
levels(factor(Core_Questions$Com_Proposal))
## [1] "< 1 week" "> 2 months" "1-2 months" "1-2 weeks" "2-4 weeks"
levels(factor(Core_Questions$L_Of_SR))
## [1] "< 1 month" "> 12 months" "1-3 months" "3-6 months" "6-12 months"
levels(factor(Core_Questions$W_WB_PD))
## [1] "About the same"
                           "More"
                                               "Significantly less"
## [4] "Significantly more"
levels(factor(Core_Questions$Submit_P))
## [1] "1-3 hours before"
                             "1 day before"
                                                     "2 or more days before"
                         "Minutes before"
## [4] "3-6 hours before"
```

```
levels(factor(Core_Questions$Stress_PD))
## [1] "About the same"
                           "Less"
                                                "More"
## [4] "Significantly less" "Significantly more"
levels(factor(Core_Questions$refereed_conference))
## [1] "Yes"
levels(factor(Core_Questions$A_N_Conf_Pap))
## [1] ">= 10" "1-2" "3-4" "5-6" "7-9"
levels(factor(Core_Questions$core_rank))
## [1] "A" "A*" "B" "C"
levels(factor(Core_Questions$if_you_submit_manuscripts))
## [1] "< 10%" "> 90%" "10-20%" "20-30%" "30-50%" "50-75%" "75-90%"
levels(factor(Core_Questions$far_in_advance_do_you))
## [1] "< 1 week" "> 2 months" "1-2 months" "1-2 weeks" "2-4 weeks"
levels(factor(Core_Questions$length_of_supp))
## [1] "< 1 month" "> 12 months" "1-3 months" "3-6 months" "6-12 months"
levels(factor(Core_Questions$in_the_week_leading_to_a_c))
## [1] "About the same"
                           "Less"
                                                "More"
## [4] "Significantly less" "Significantly more"
levels(factor(Core_Questions$you_typically_subm))
## [1] "1-3 hours before"
                              "1 day before"
                                                      "2 or more days before"
## [4] "3-6 hours before"
                            "Minutes before"
levels(factor(Core_Questions$ss_level_in_a_fundi))
## [1] "About the same"
                                                "Significantly less"
                           "More"
## [4] "Significantly more"
```

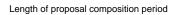
count(Core_Questions\$funding_agency)

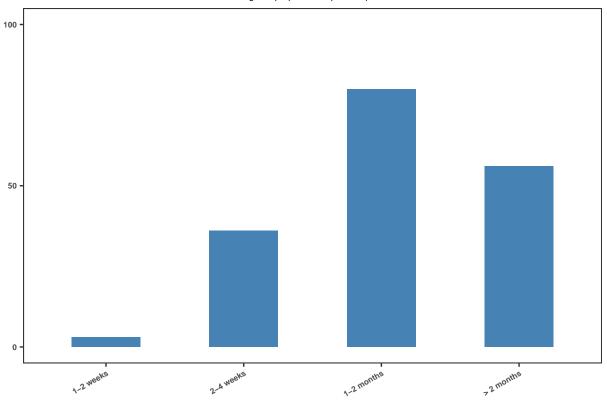
```
##
         x freq
## 1
       DOD
             15
## 2
       DOE
             11
## 3
      NASA
               4
## 4
       NIH
             16
## 5
       NSF
            120
## 6 Other
             10
```

Average number of proposals per year

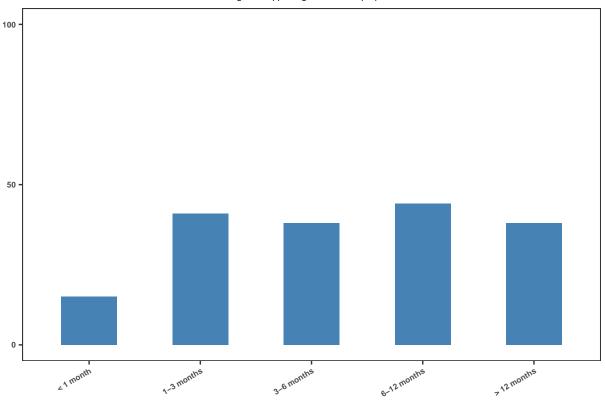


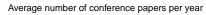
Warning: Removed 1 rows containing missing values (position_stack).

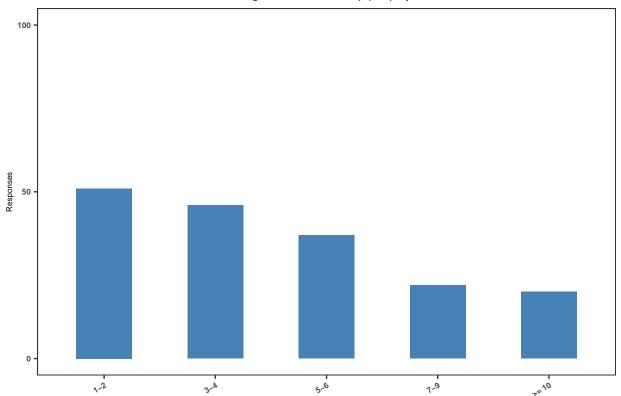


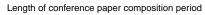


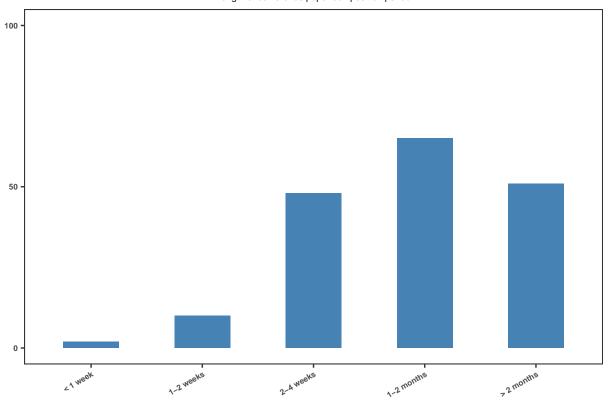
Length of supporting research for proposals

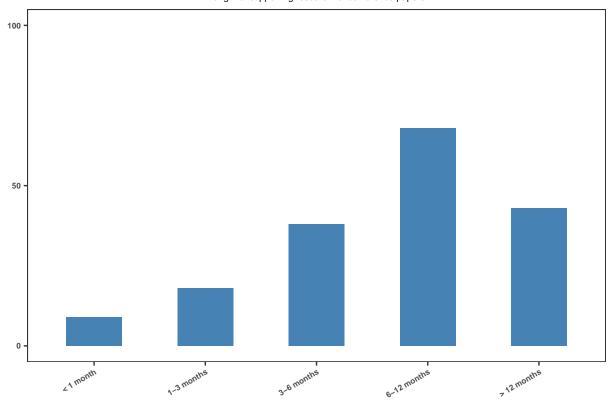












```
## Warning: Removed 1 rows containing missing values (position_stack).
```

```
## [1] ">=10" "1-2" "3-4" "5-6" "7-9"
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
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```