

Testing Correlations

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4/30/2020

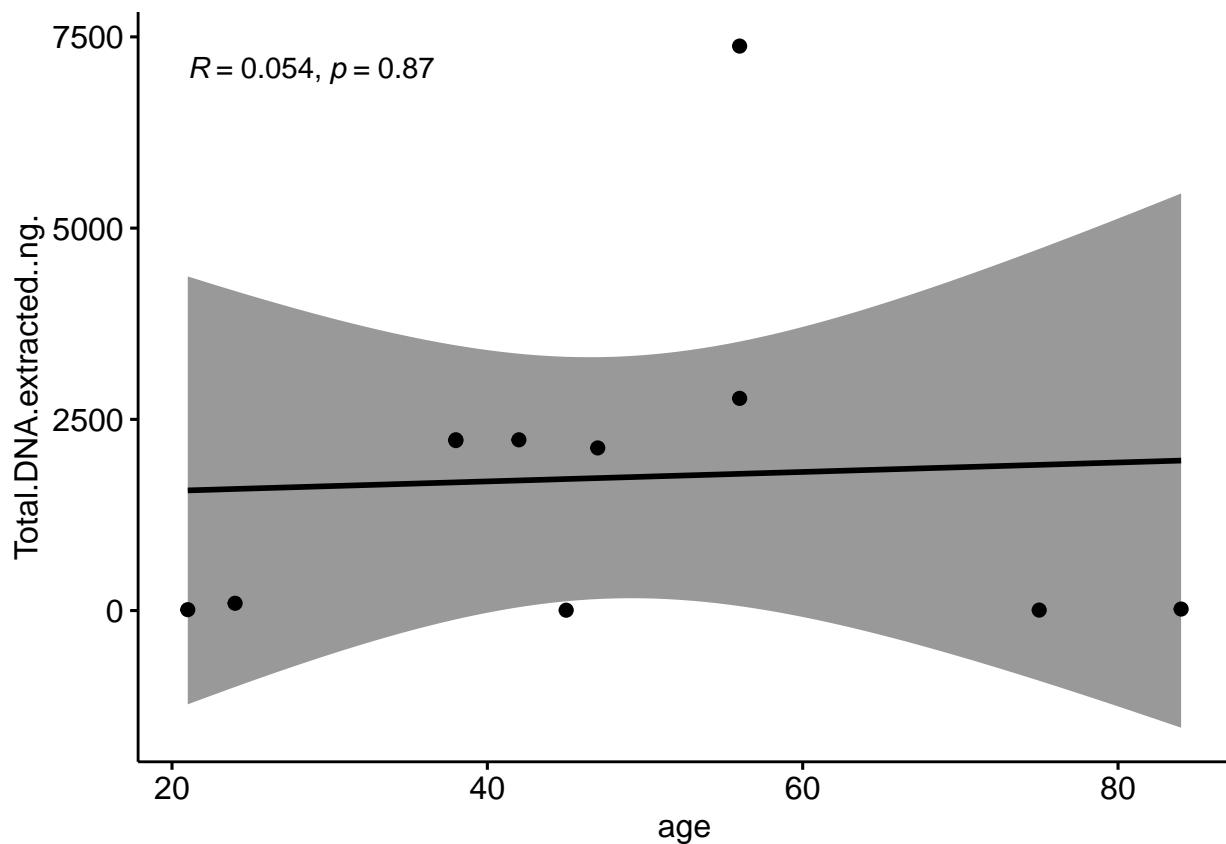
```
ggscatter(my_data, x = "age", y = "Total.DNA.extracted..ng.",  
          add = "reg.line", conf.int = TRUE,  
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
```

```
## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
```



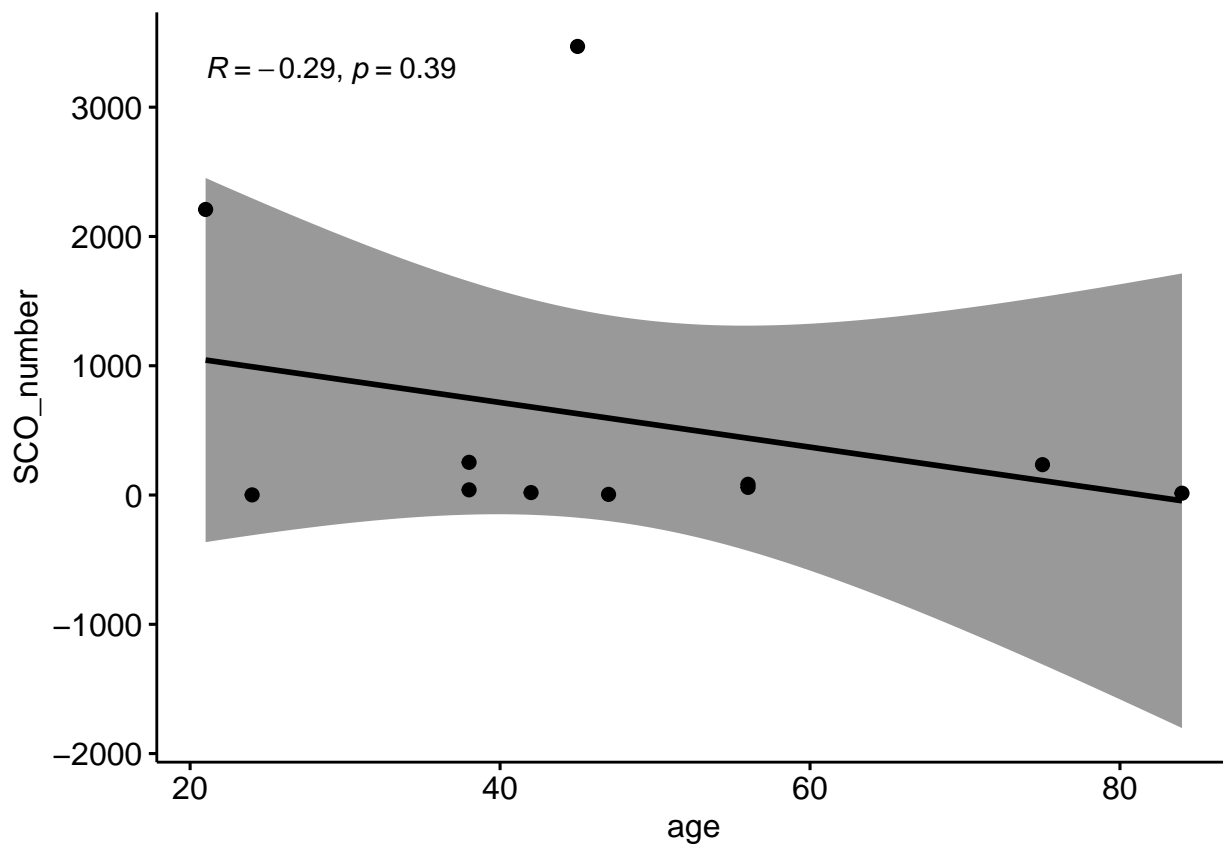
```
ggscatter(my_data, x = "age", y = "SCO_number",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



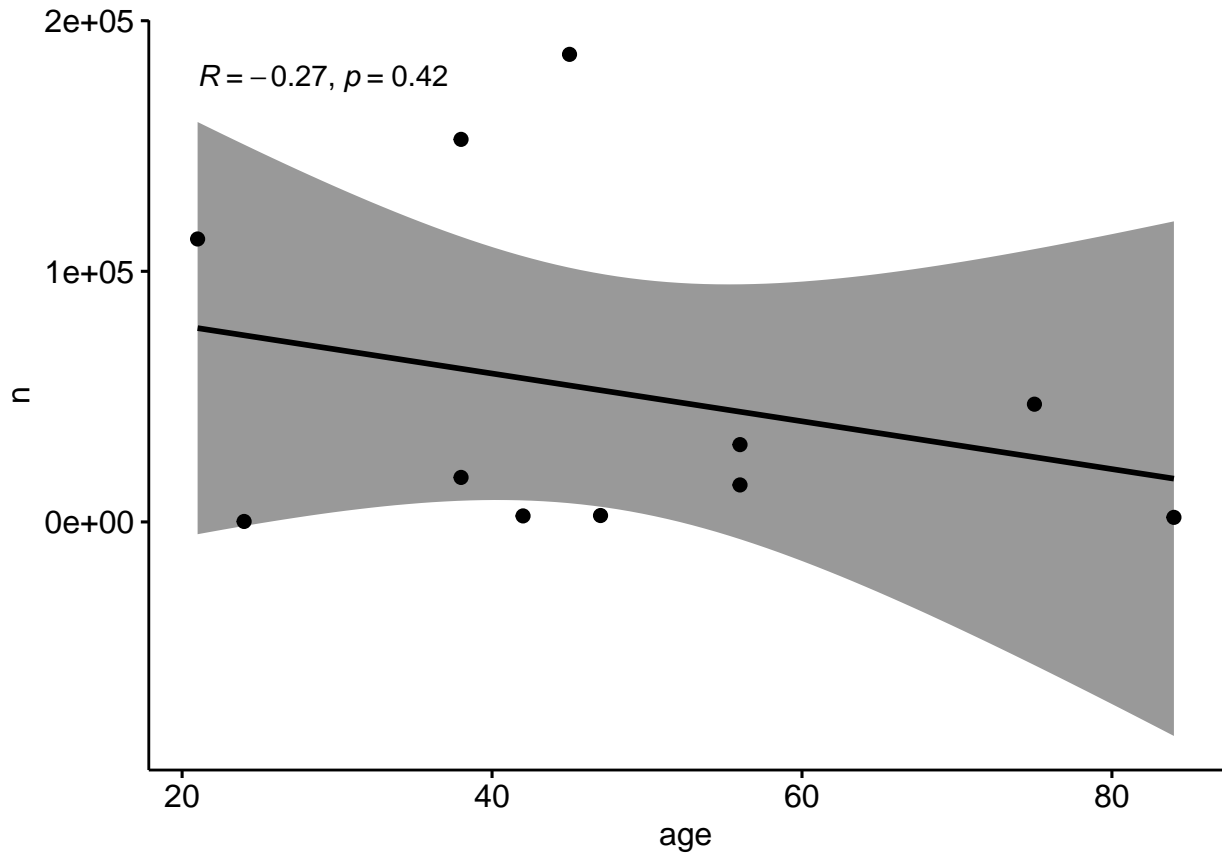
```
ggscatter(my_data, x = "age", y = "n",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
```

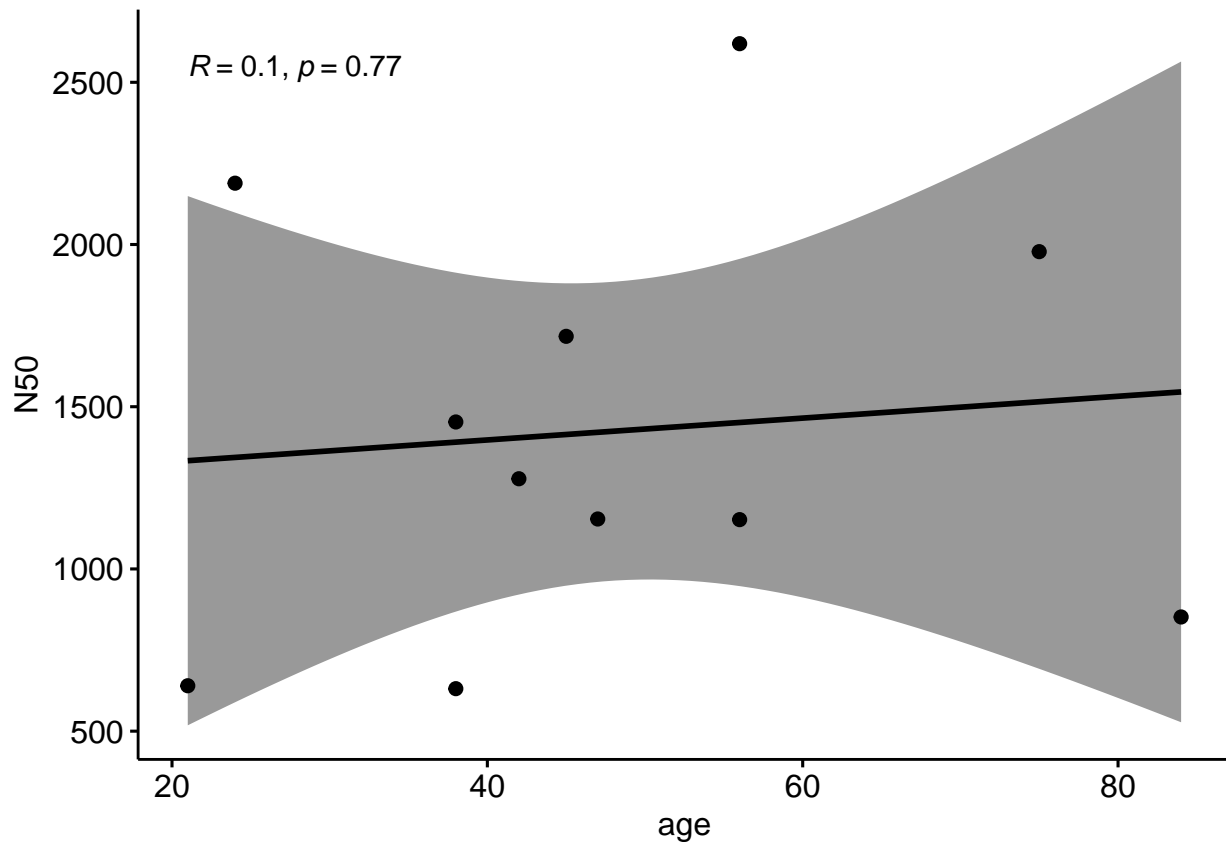
```
## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
```



```
ggscatter(my_data, x = "age", y = "N50",
  add = "reg.line", conf.int = TRUE,
  cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
## Warning: Removed 11 rows containing non-finite values (stat_cor).
## Warning: Removed 11 rows containing missing values (geom_point).
```



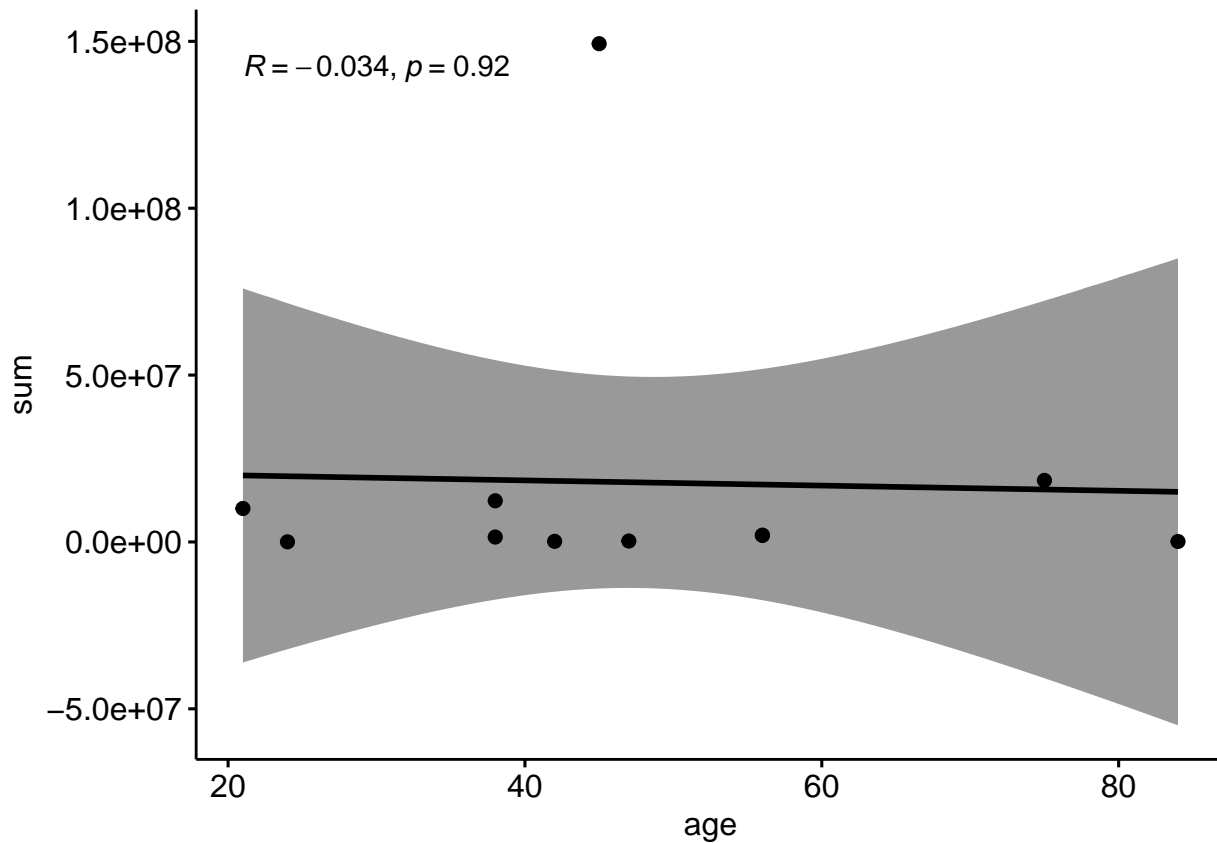
```
ggscatter(my_data, x = "age", y = "sum",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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```
## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
```



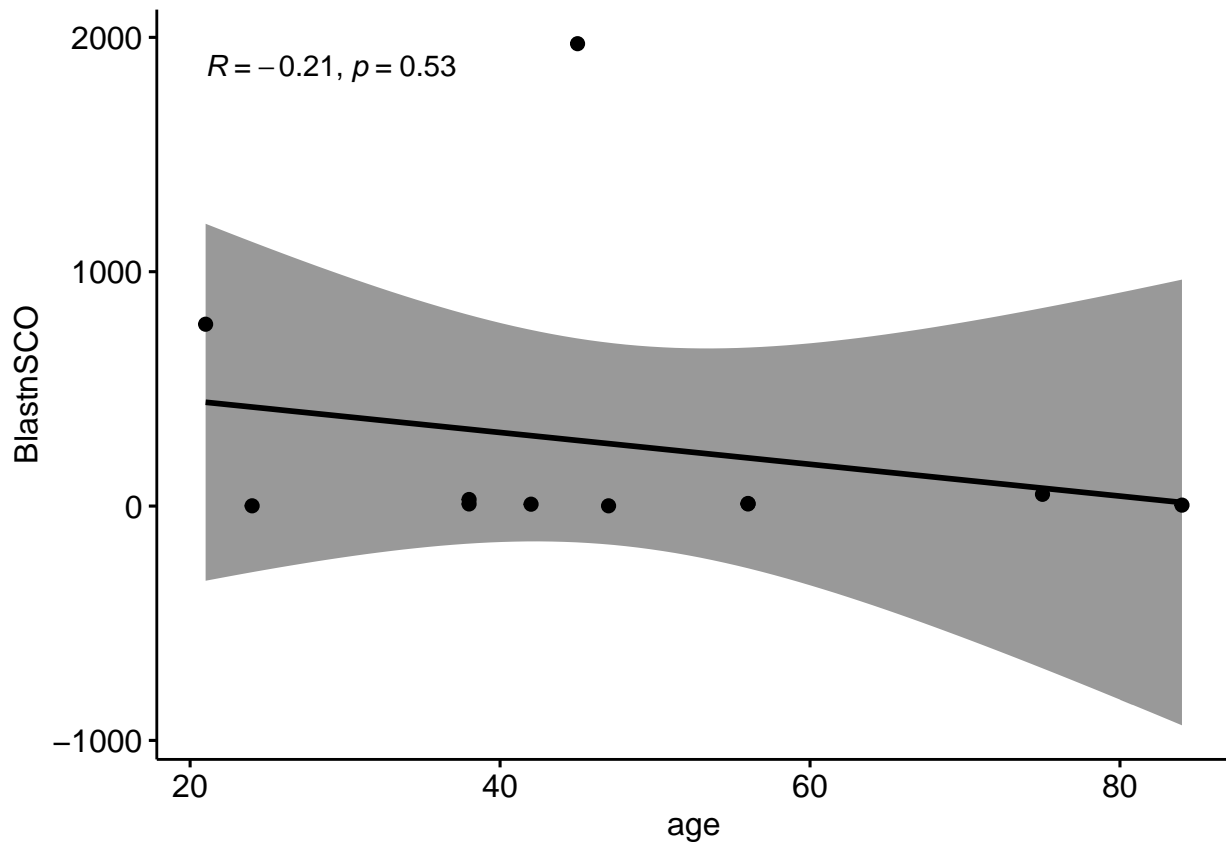
```
ggscatter(my_data, x = "age", y = "BlastnSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



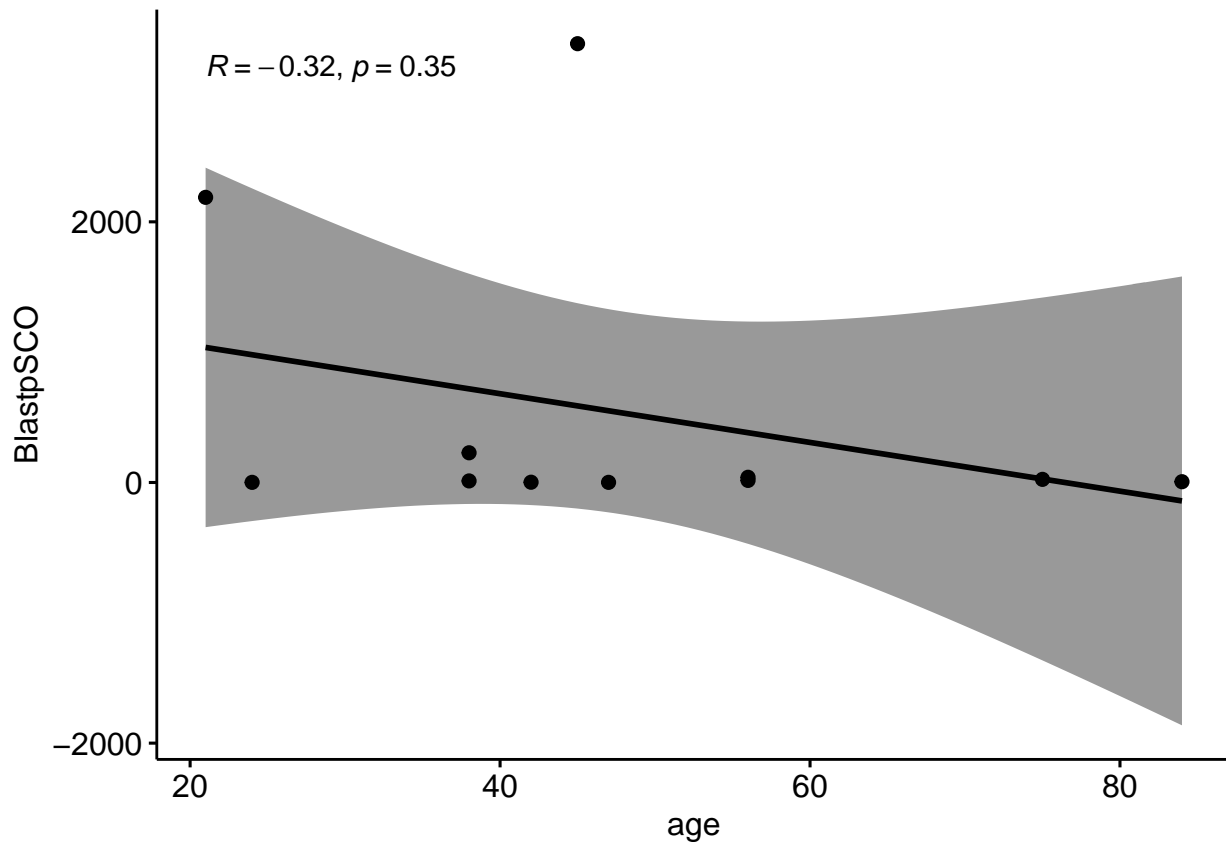
```
ggscatter(my_data, x = "age", y = "BlastpSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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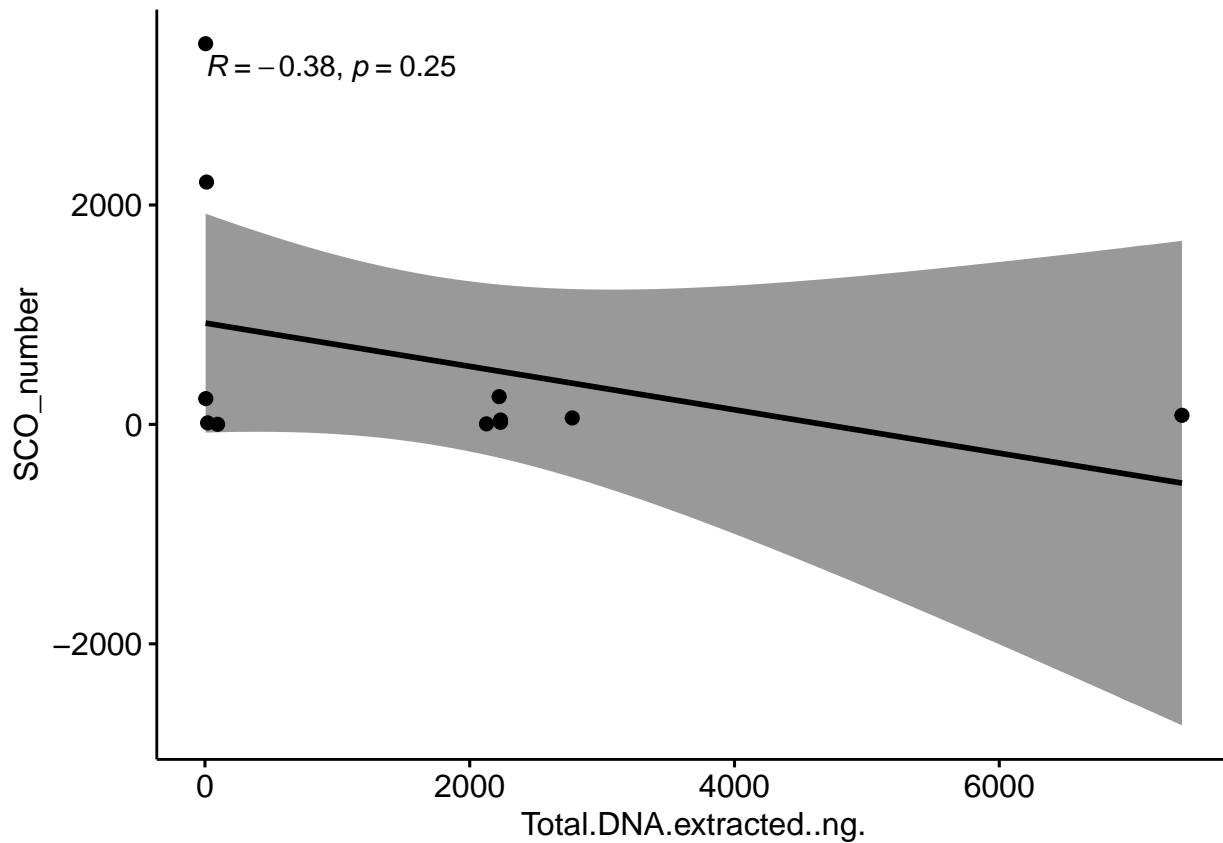
```
## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
```



```
ggscatter(my_data, x = "Total.DNA.extracted..ng.", y = "SCO_number",
  add = "reg.line", conf.int = TRUE,
  cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
## Warning: Removed 11 rows containing non-finite values (stat_cor).
## Warning: Removed 11 rows containing missing values (geom_point).
```



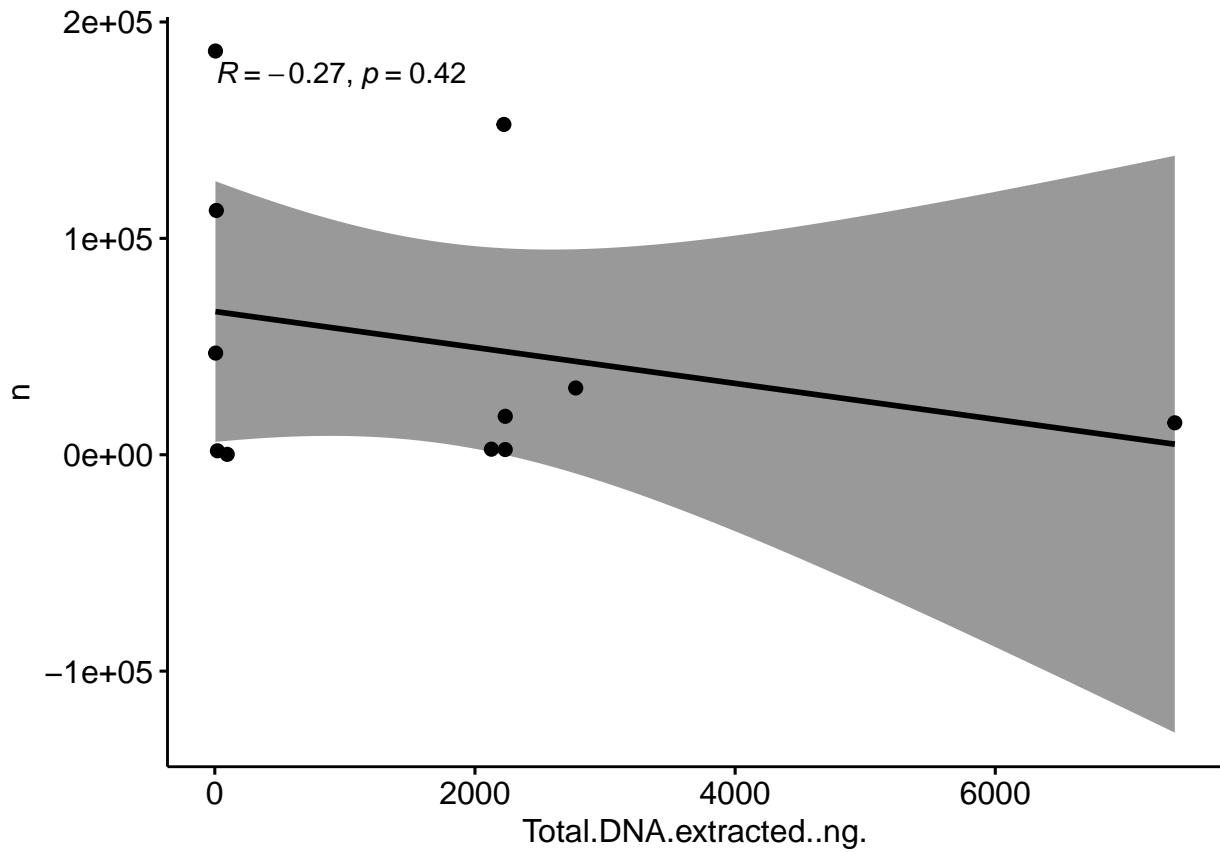
```
ggscatter(my_data, x = "Total.DNA.extracted.ng.", y = "n",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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## Warning: Removed 11 rows containing missing values (geom_point).
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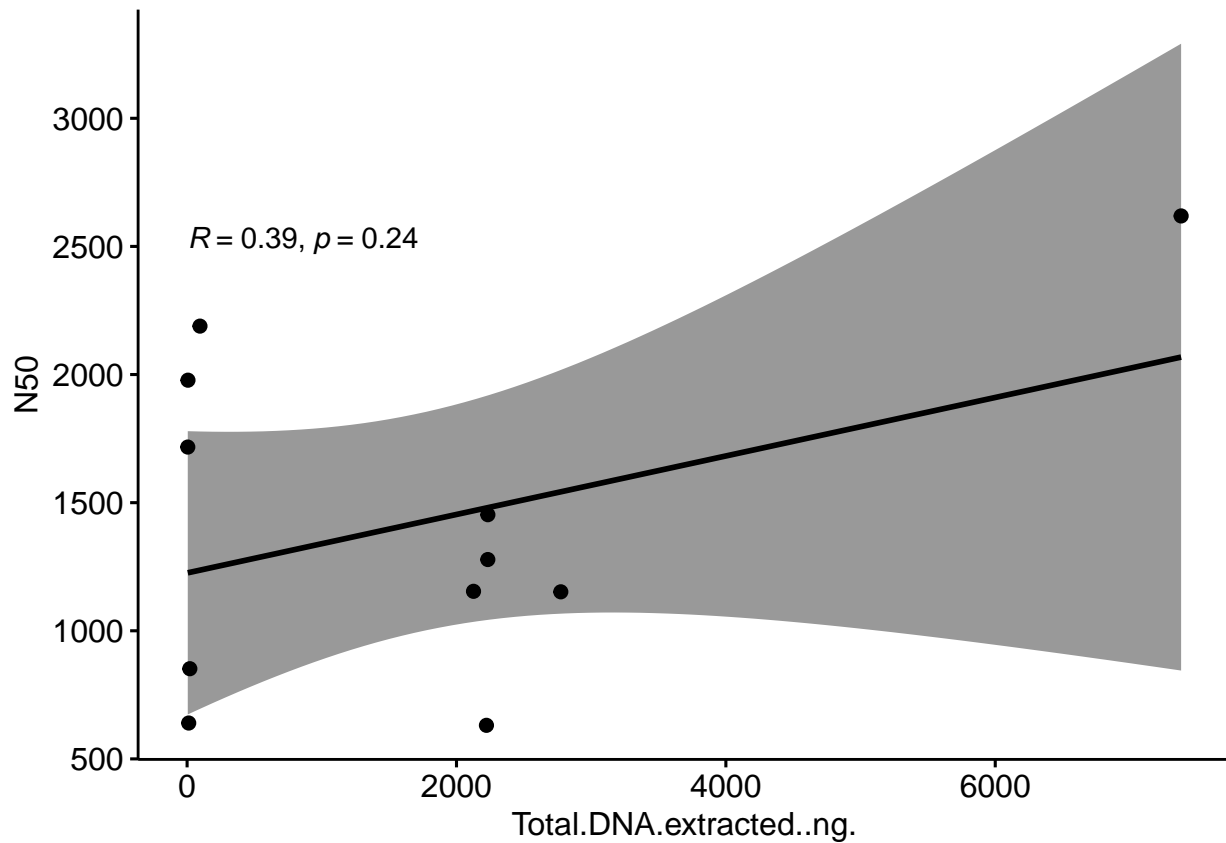
```
ggscatter(my_data, x = "Total.DNA.extracted.ng.", y = "N50",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
```



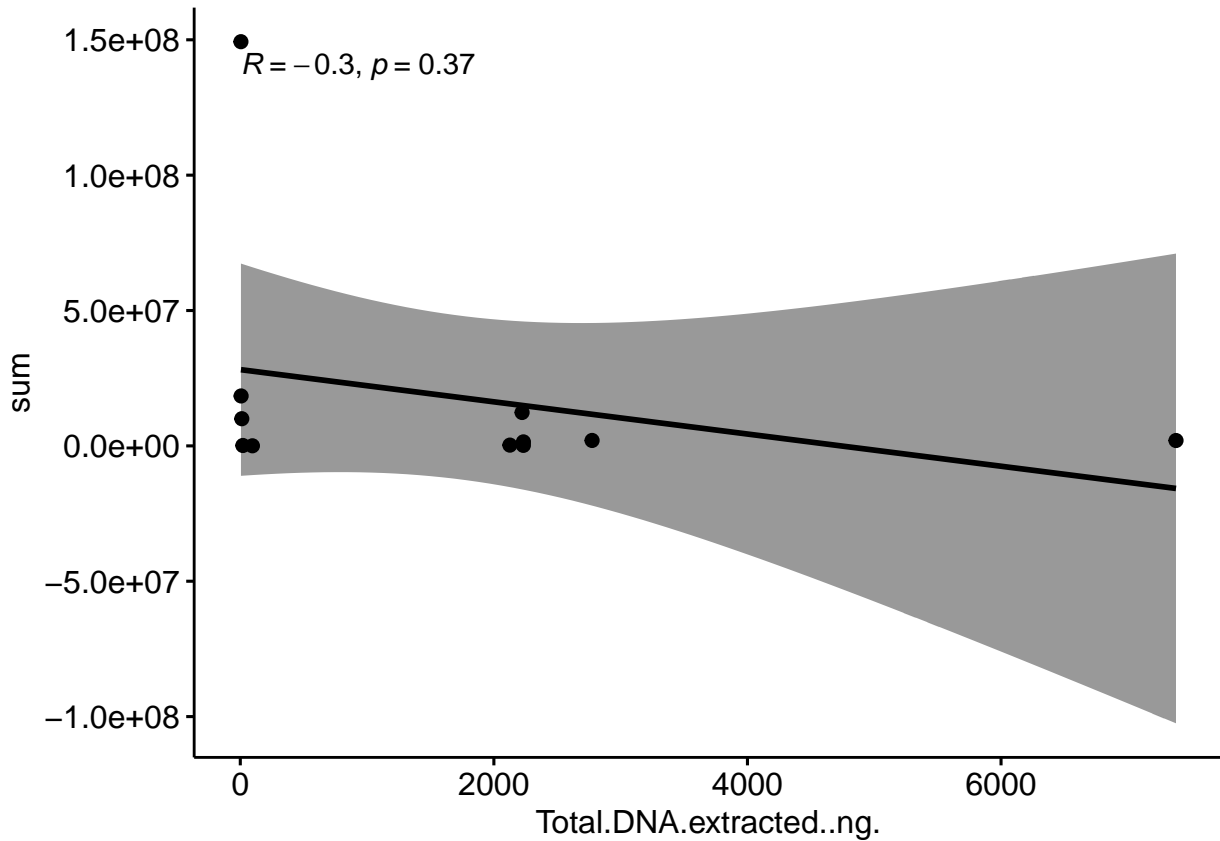
```
ggscatter(my_data, x = "Total.DNA.extracted..ng.", y = "sum",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



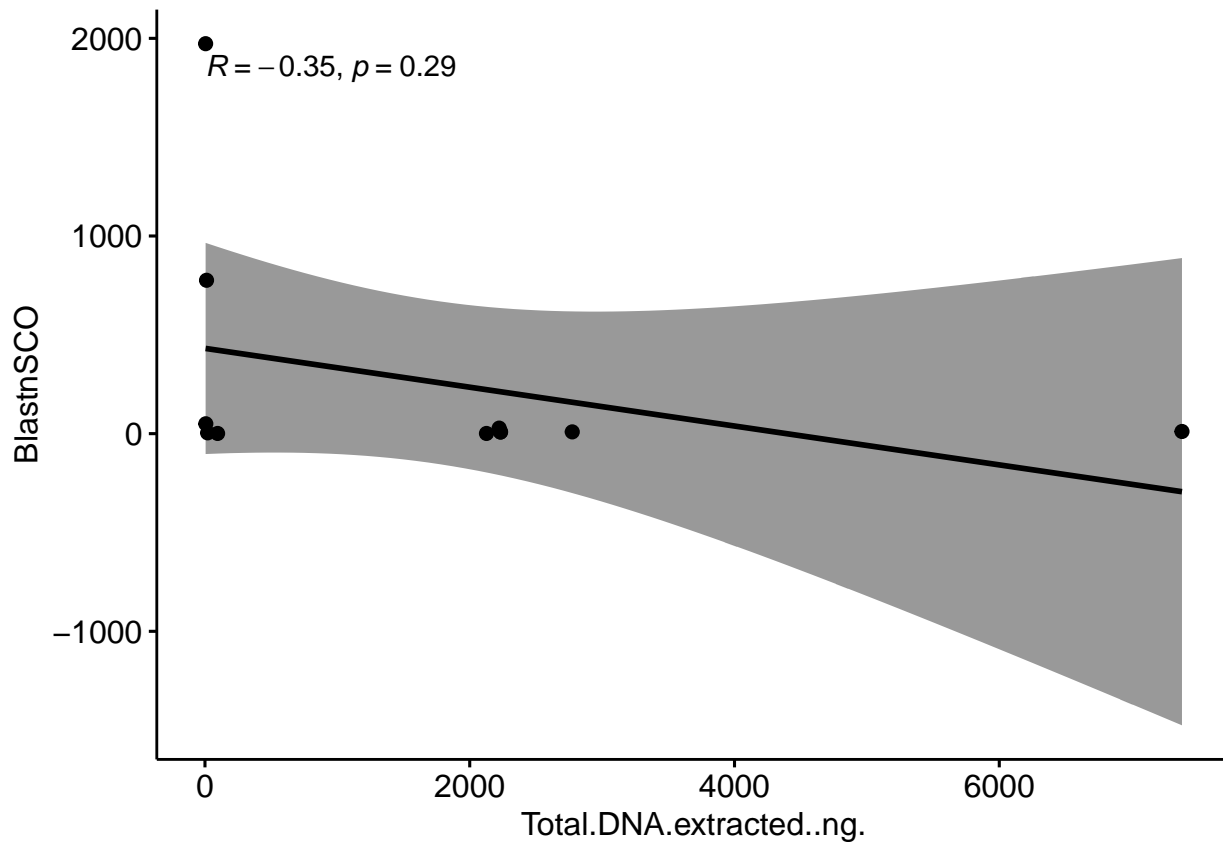
```
ggscatter(my_data, x = "Total.DNA.extracted..ng.", y = "BlastnSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



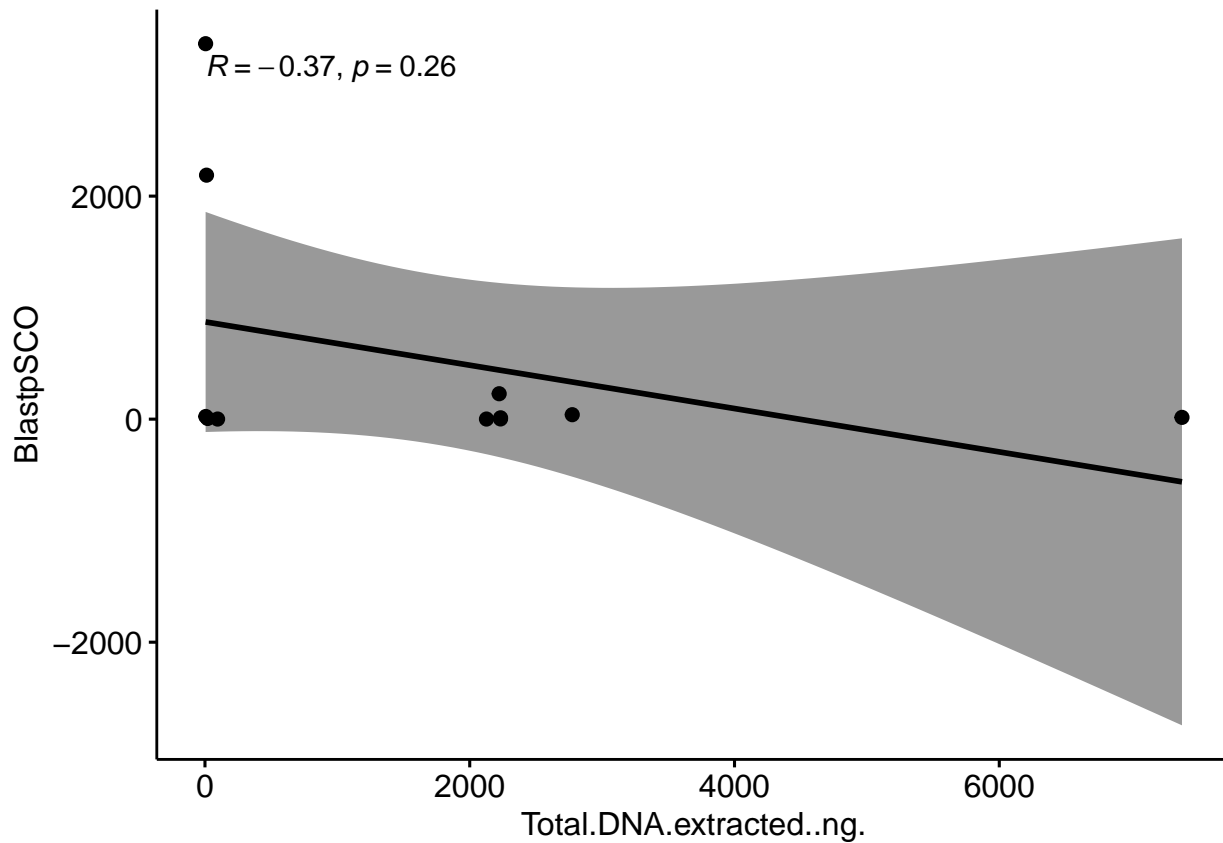
```
ggscatter(my_data, x = "Total.DNA.extracted..ng.", y = "BlastpSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



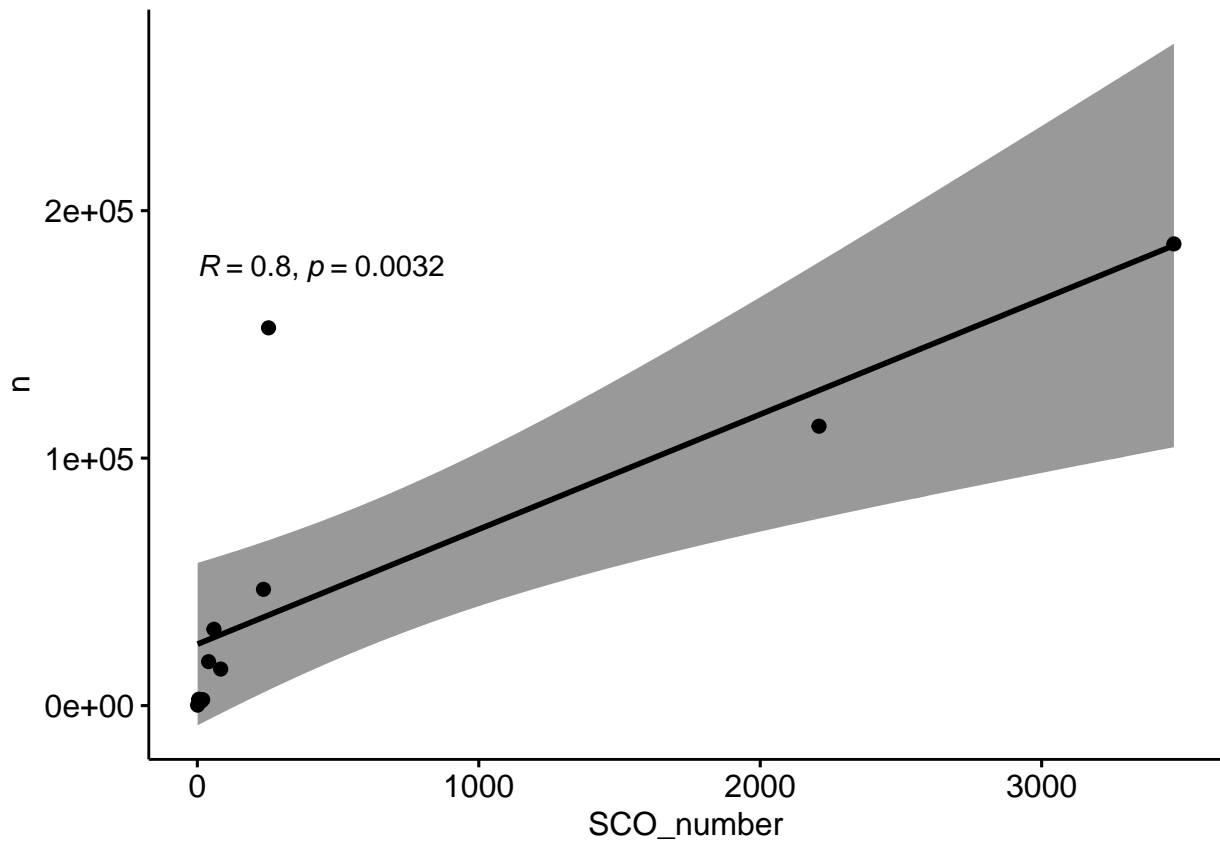
```
ggscatter(my_data, x = "SCO_number", y = "n",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing missing values (geom_point).
```



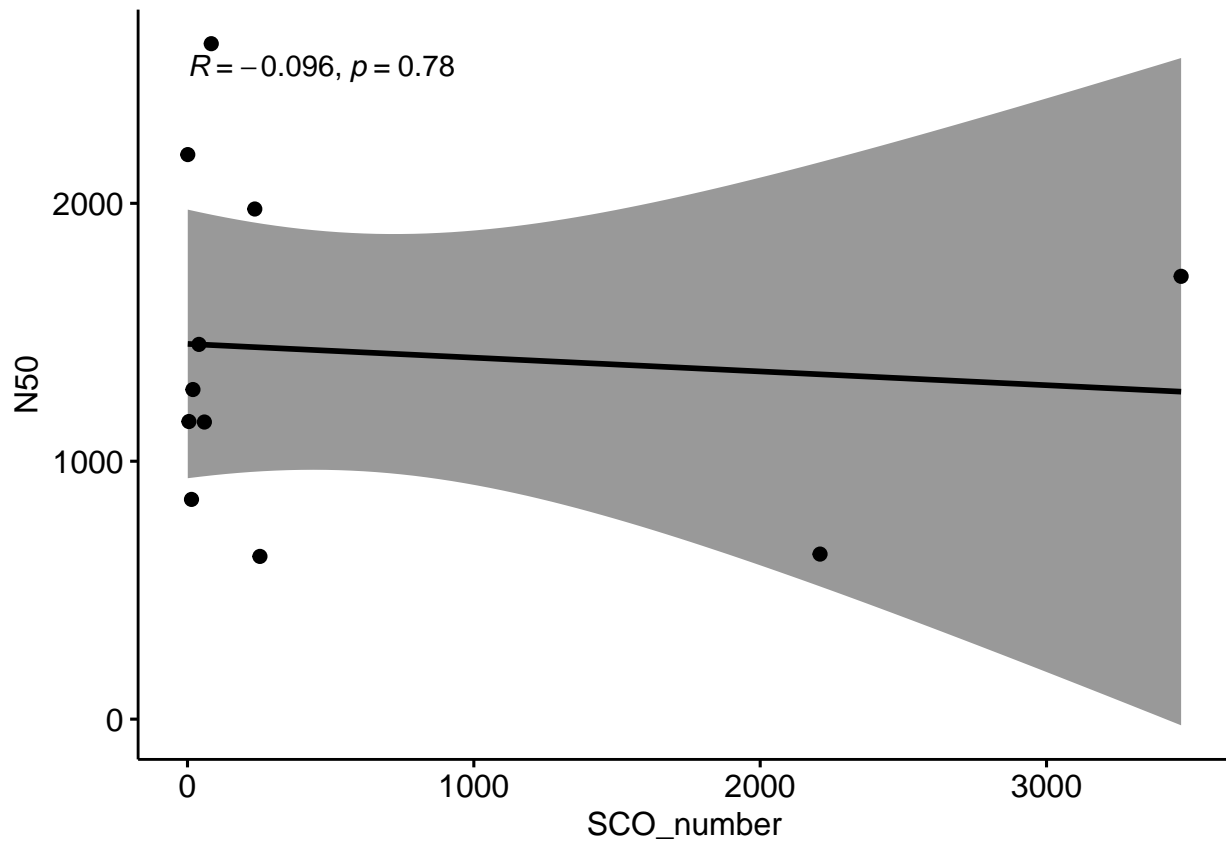
```
ggscatter(my_data, x = "SCO_number", y = "N50",  
          add = "reg.line", conf.int = TRUE,  
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
```

```
## Warning: Removed 11 rows containing missing values (geom_point).
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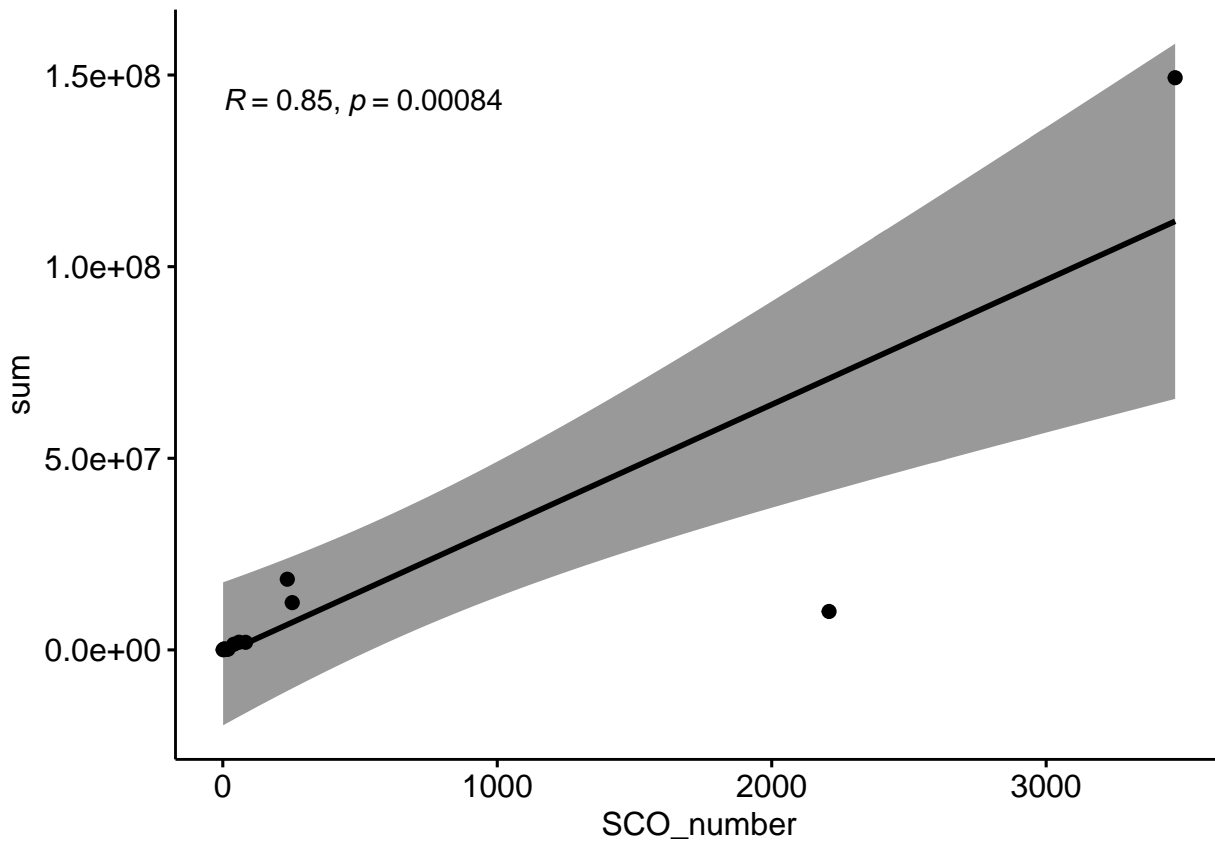
```
ggscatter(my_data, x = "SCO_number", y = "sum",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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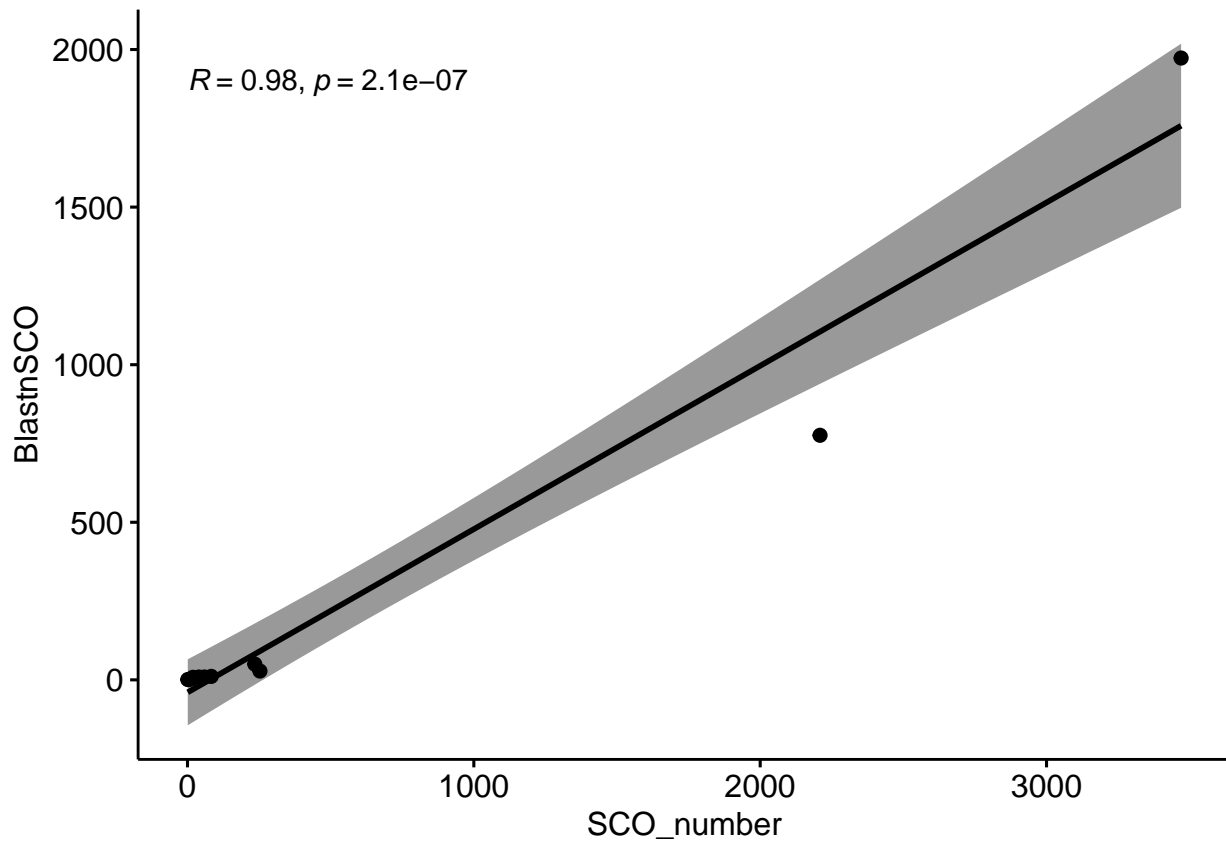
```
ggscatter(my_data, x = "SCO_number", y = "BlastnSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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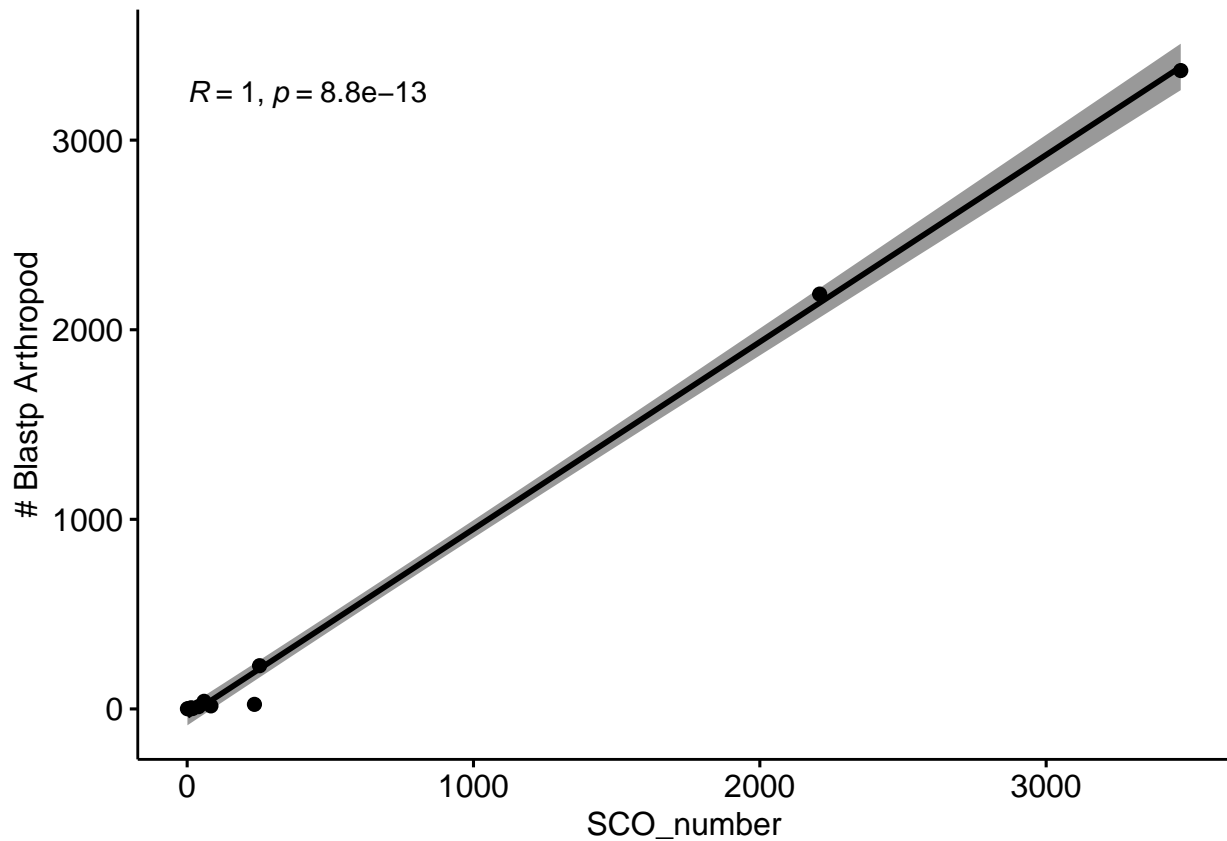
```
ggscatter(my_data, x = "SCO_number", y = "BlastpSCO",  
          add = "reg.line", conf.int = TRUE,  
          cor.coef = TRUE, cor.method = "pearson",  
          xlab = "SCO_number", ylab = "# Blastp Arthropod")
```

```
## `geom_smooth()` using formula 'y ~ x'
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```
## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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## Warning: Removed 11 rows containing non-finite values (stat_cor).
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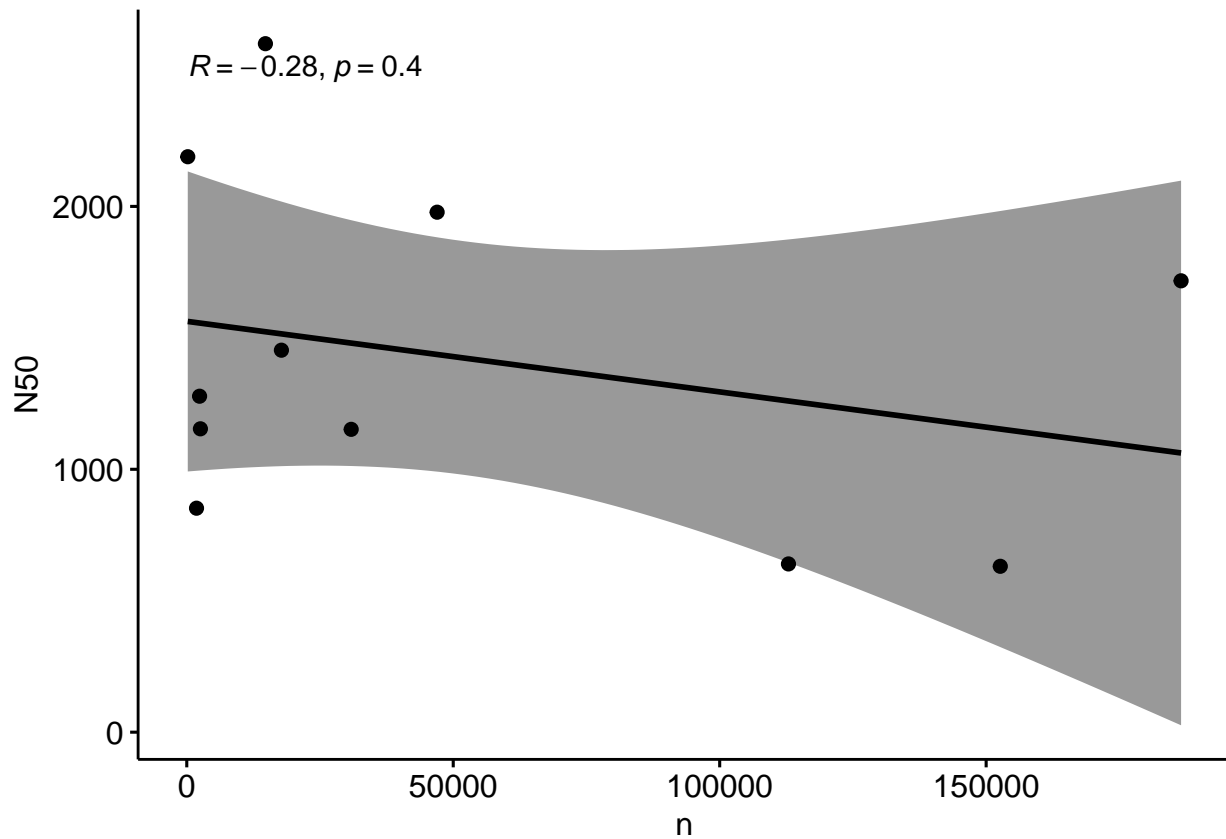
```
ggscatter(my_data, x = "n", y = "N50",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

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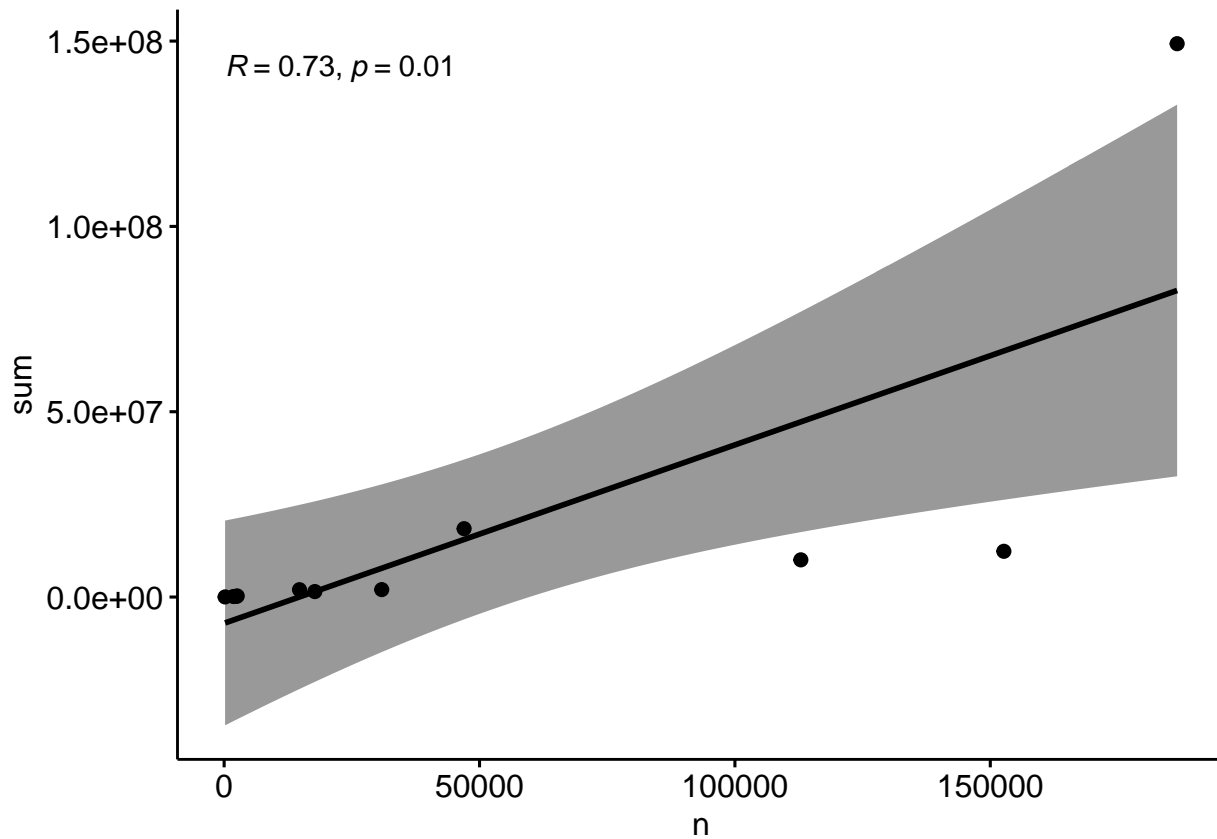
```
ggscatter(my_data, x = "n", y = "sum",
  add = "reg.line", conf.int = TRUE,
  cor.coef = TRUE, cor.method = "pearson")
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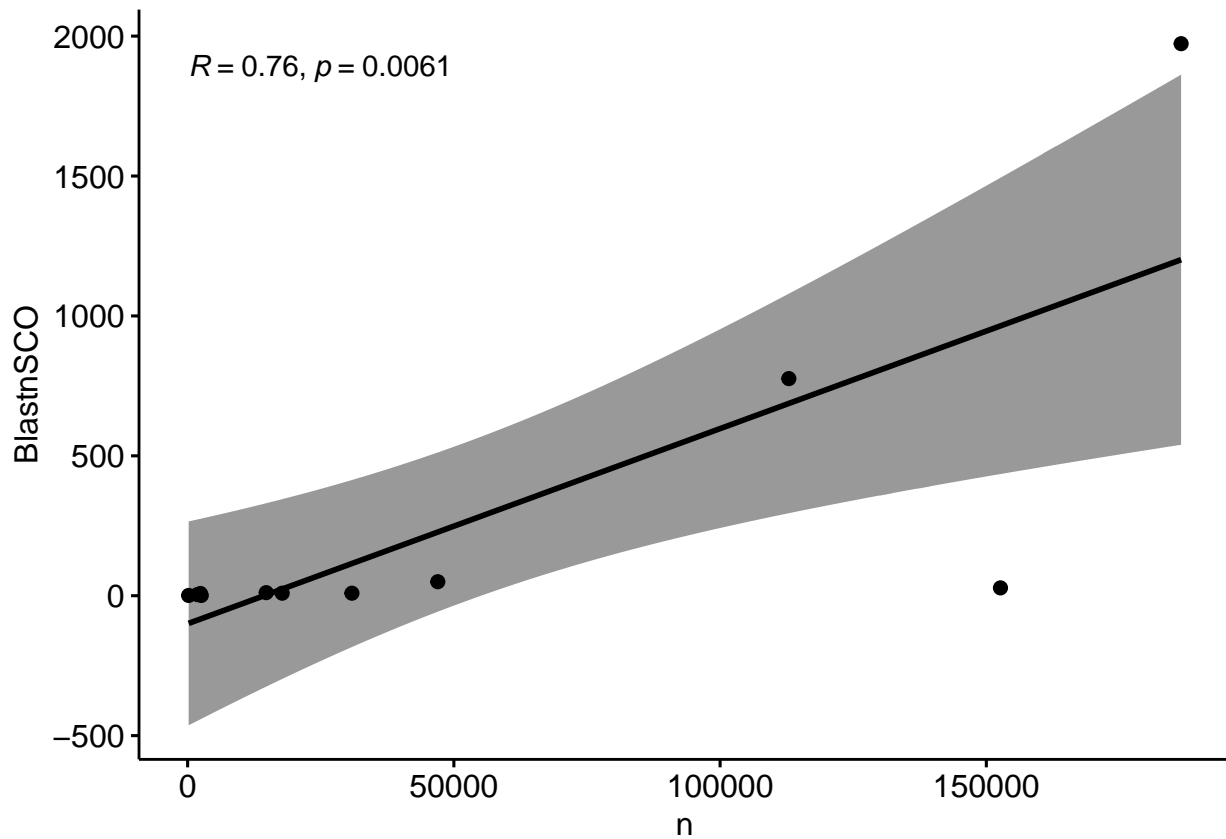
```
ggscatter(my_data, x = "n", y = "BlastnSCO",
  add = "reg.line", conf.int = TRUE,
  cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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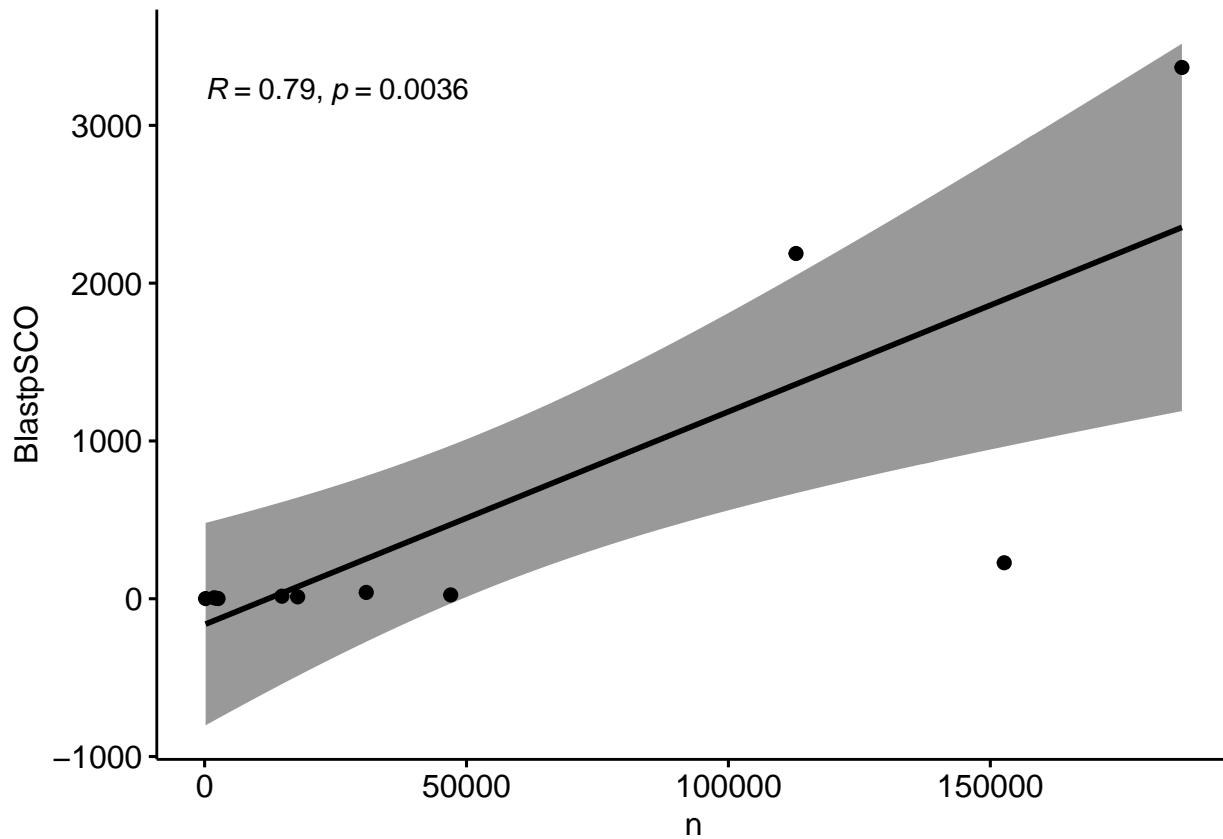
```
ggscatter(my_data, x = "n", y = "BlastpSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
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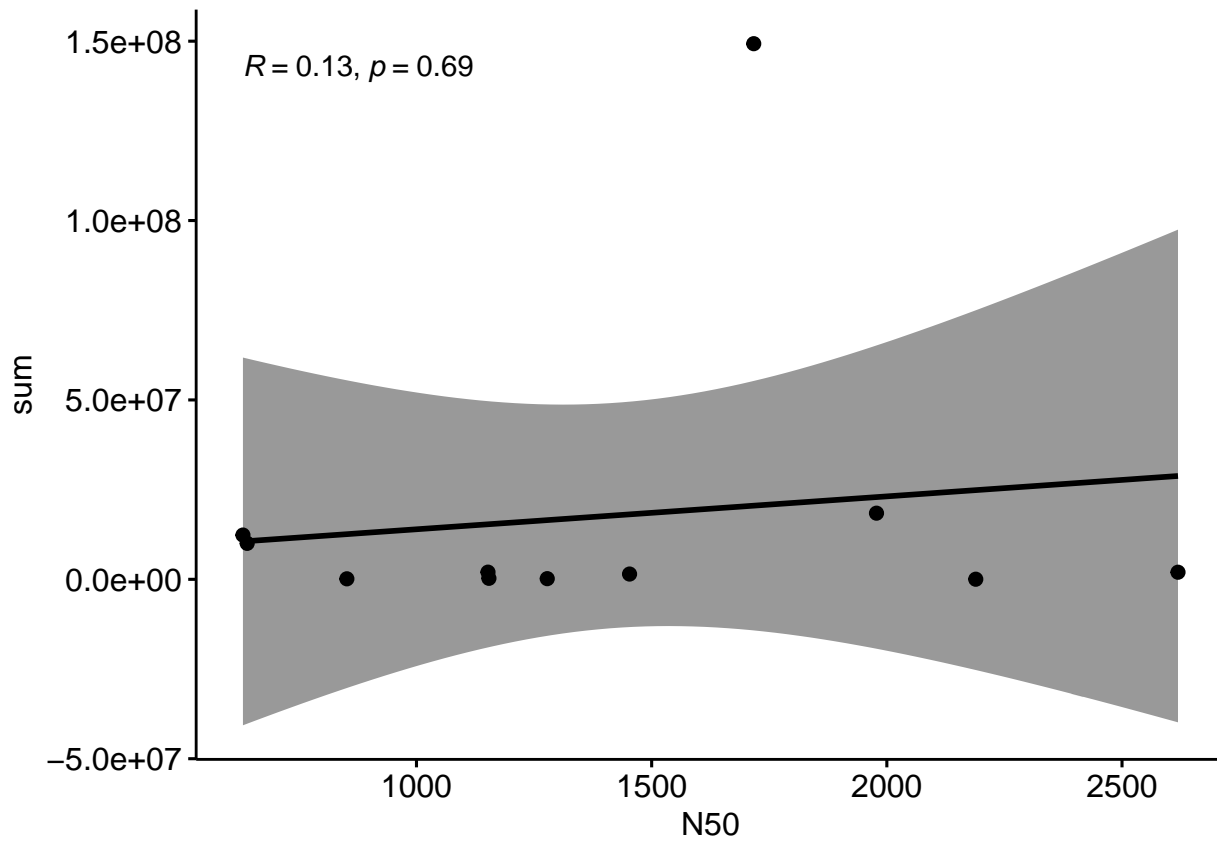
```
ggscatter(my_data, x = "N50", y = "sum",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
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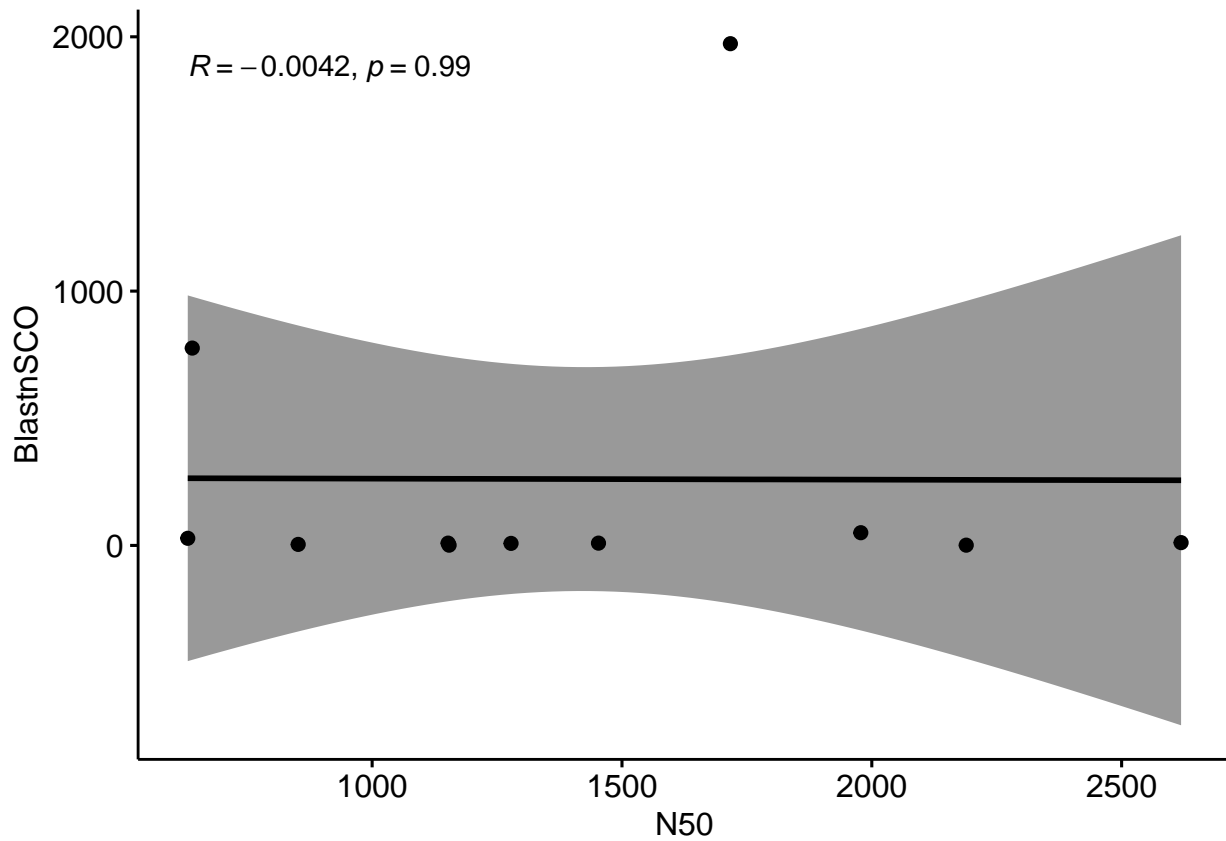
```
ggscatter(my_data, x = "N50", y = "BlastnSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
```

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## `geom_smooth()` using formula 'y ~ x'
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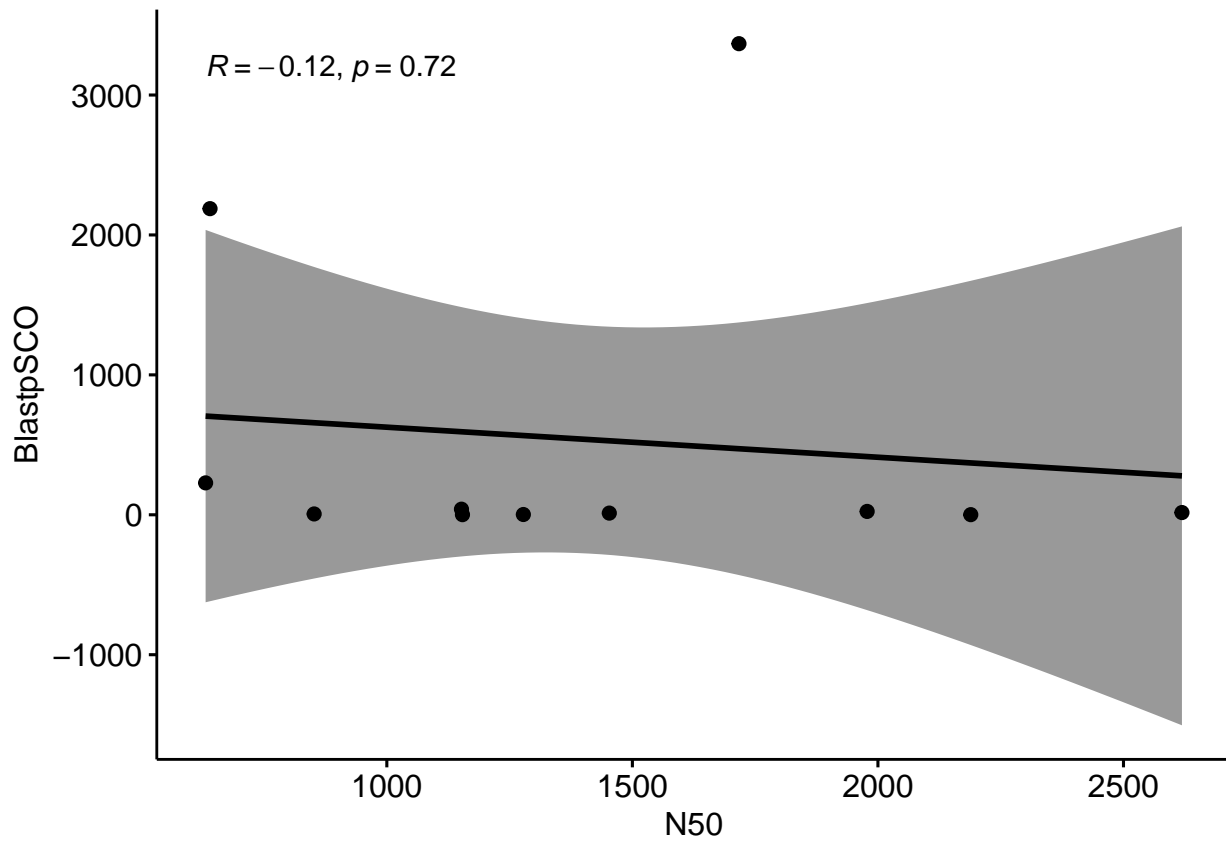
```
ggscatter(my_data, x = "N50", y = "BlastpSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
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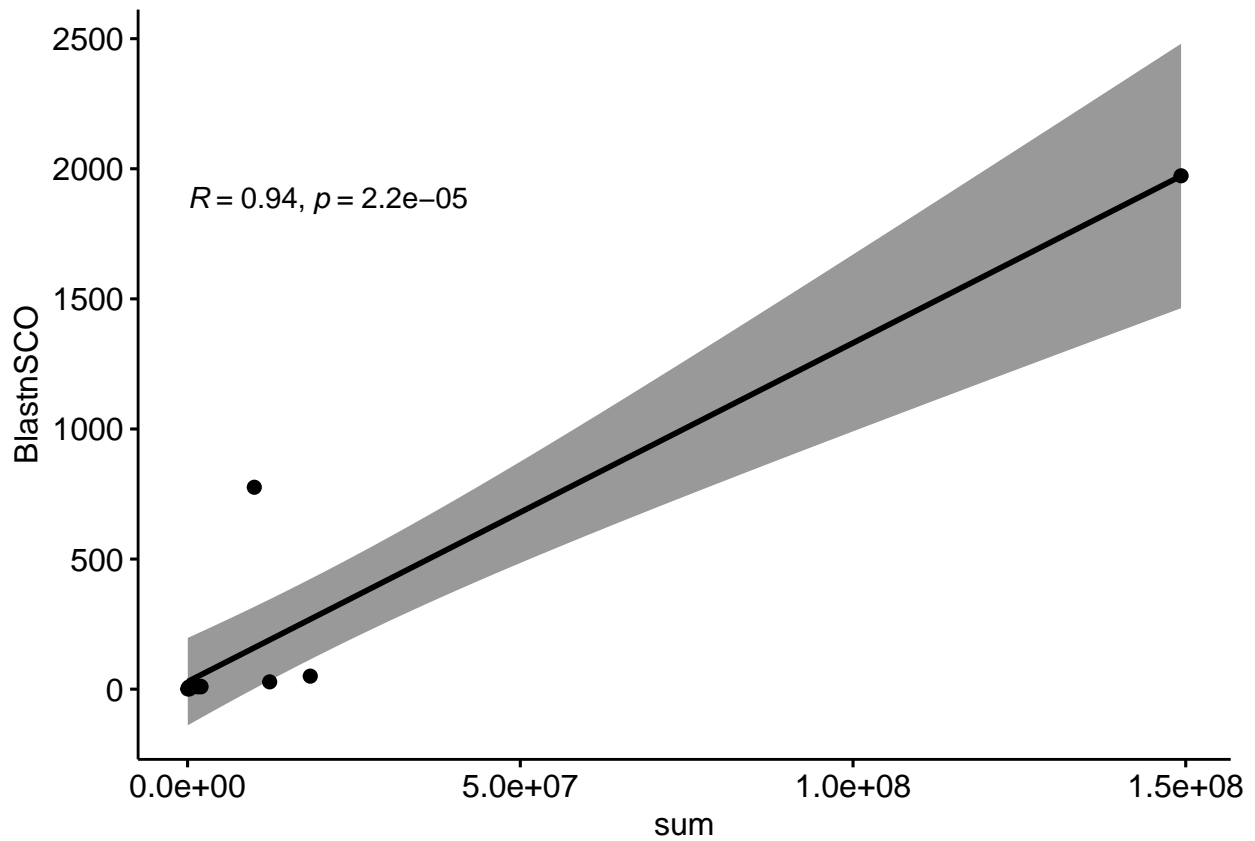
```
ggscatter(my_data, x = "sum", y = "BlastnSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
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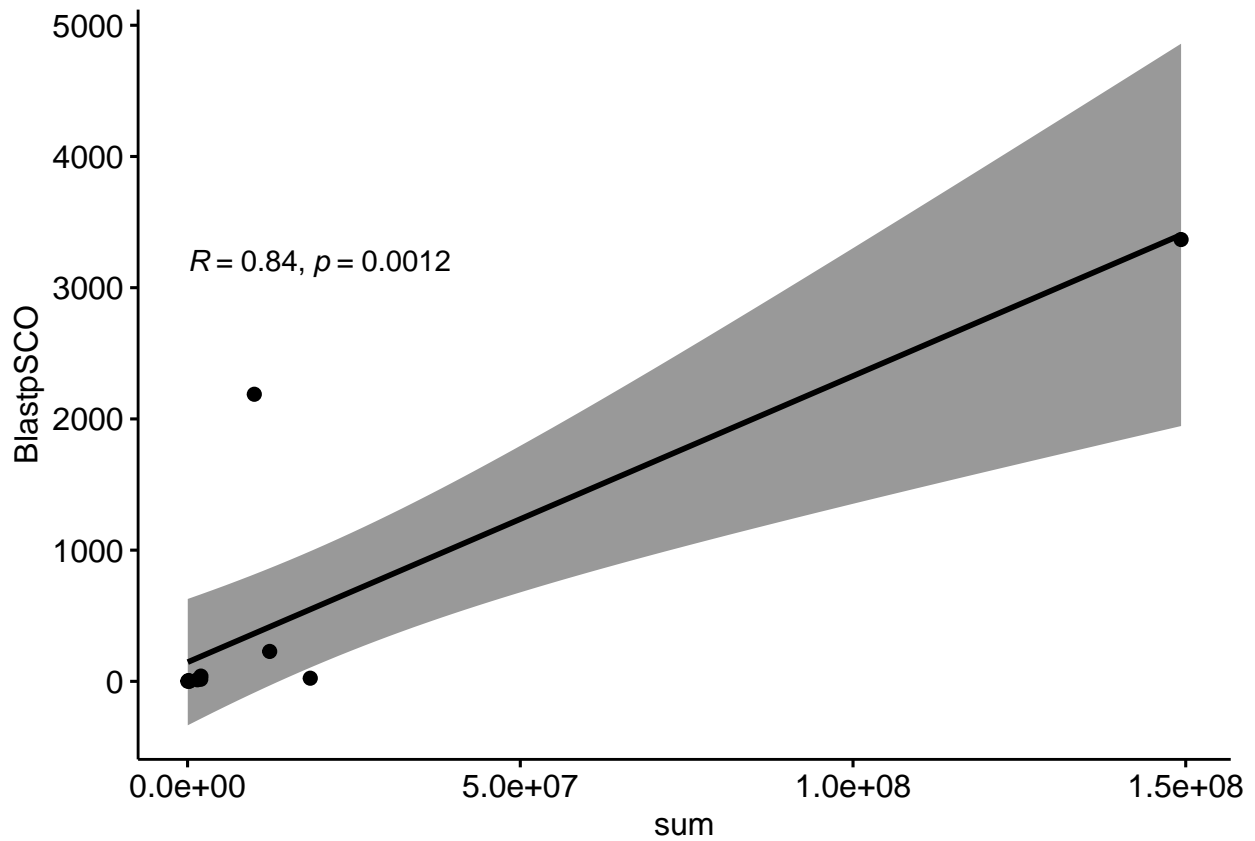
```
ggscatter(my_data, x = "sum", y = "BlastpSCO",
          add = "reg.line", conf.int = TRUE,
          cor.coef = TRUE, cor.method = "pearson")
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## Warning: Removed 11 rows containing missing values (geom_point).
```



```
ggscatter(my_data, x = "BlastnSCO", y = "BlastpSCO",  
          add = "reg.line", conf.int = TRUE,  
          cor.coef = TRUE, cor.method = "pearson")
```

```
## `geom_smooth()` using formula 'y ~ x'
```

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## Warning: Removed 11 rows containing non-finite values (stat_smooth).
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