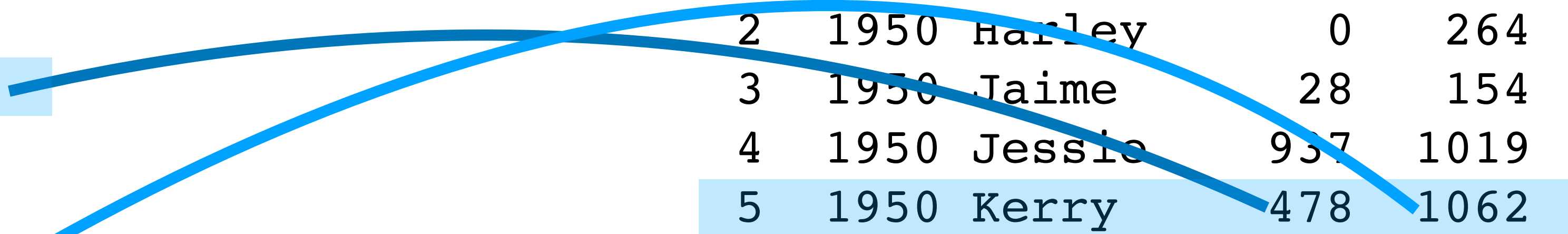


Original Data: long

```
> unisex_data
# A tibble: 1,130 x 5
  year sex   name      n
  <dbl> <chr> <chr> <int>
1  1950 Female Marion  1387
2  1950 Female Jessie   937
3  1950 Female Kerry    478
4  1950 Female Jaime     28
5  1950 Female Casey     16
6  1950 Male   Kerry   1062
7  1950 Male   Jessie  1019
8  1950 Male   Marion   821
9  1950 Male   Harley   264
10 1950 Male   Jaime    154
# ... with 1,120 more rows
```

Transformed Data: wide

```
> unisex_data
# A tibble: 594 x 4
  year name   Female  Male
  <dbl> <chr>   <dbl> <dbl>
1  1950 Casey     16   117
2  1950 Harley     0   264
3  1950 Jaime     28   154
4  1950 Jessie    937  1019
5  1950 Kerry    478  1062
6  1950 Marion   1387   821
7  1950 Peyton     0    18
8  1950 Quinn      0    26
9  1950 Riley      0   152
10 1951 Casey     18   154
# ... with 584 more rows
```



```
ggplot(casey, aes(x=Male, y=Female)) +  
  geom_point()
```

```
> casey  
# A tibble: 66 x 4  
   year name  Female  Male  
  <dbl> <chr>   <dbl> <dbl>  
1  1950 Casey    16   117  
2  1951 Casey    18   154  
3  1952 Casey    28   180  
4  1953 Casey    31   179  
5  1954 Casey    34   236  
6  1955 Casey    35   297  
7  1956 Casey    62   352  
8  1957 Casey    58   368  
9  1958 Casey    63   373  
10 1959 Casey    86   396  
# ... with 56 more rows
```

