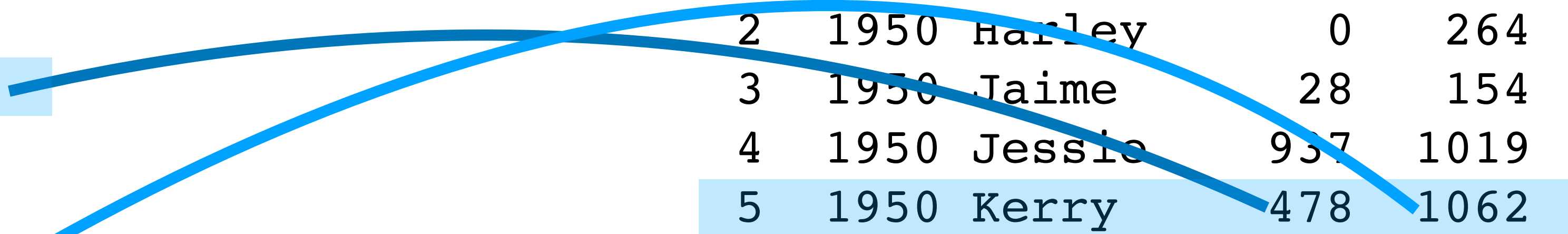


Original Data: long

```
> 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
```

