select`()` picks variables by their names

```
# Select all columns except those from year to day (inclusive)
select(flights, -(year:day))
#> # A tibble: 336,776 x 16
#>   dep_time sched_dep_time dep_delay arr_time sched_arr_time arr_delay carrier
#>      <int>          <int>     <dbl>    <int>          <int>     <dbl> <chr>
#> 1      517            515         2      830            819        11 UA
#> 2      533            529         4      850            830        20 UA
#> 3      542            540         2      923            850        33 AA
#> 4      544            545        -1     1004           1022       -18 B6
#> 5      554            600        -6      812            837       -25 DL
#> 6      554            558        -4      740            728        12 UA
#> # … with 3.368e+05 more rows, and 9 more variables: flight <int>,
#> #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
#> #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

mutate() creates new variables from existing ones

```r
flights_sml <- select(flights,
  year:day,
  ends_with("delay"),
  distance,
  air_time
)
mutate(flights_sml,
  gain = dep_delay - arr_delay,
  speed = distance / air_time * 60
```

```
#> # A tibble: 336,776 x 9
#>     year month   day dep_delay arr_delay distance air_time  gain speed
#>    <int> <int> <int>     <dbl>     <dbl>    <dbl>    <dbl> <dbl> <dbl>
#> 1   2013     1     1         2        11     1400      227    -9  370.
#> 2   2013     1     1         4        20     1416      227   -16  374.
#> 3   2013     1     1         2        33     1089      160   -31  408.
#> 4   2013     1     1        -1       -18     1576      183    17  517.
#> 5   2013     1     1        -6       -25      762      116    19  394.
#> 6   2013     1     1        -4        12      719      150   -16  288.
#> # … with 3.368e+05 more rows
```