$$f_1(x) = \frac{1}{1 + e^{-(ax+b)}}$$

```r
f_2 <- function(x,a,b){
  exp(-((x-a)/b)^2/2)/(b*sqrt(2*pi))
}
```

$$f_3(x) = 1 - e^{-(x/b)^a}$$

```
f_4 <- function(x,a,b){
  1-exp(-(x/b)^a)
}
```

$$f_5(x) = abx^{a-1}(1-x^a)^{b-1}$$

```
f_6 <- function(x,a,b){
  1-(1-x^a)^b
}
```

$$f_7(x) = a(x - b)^2$$

```
f_8 <- function(x,a,b){
  a*b*exp(a*x)*exp(b)*exp(-b*exp(a*x))
}
```

$$f_9(x) = \frac{ax}{1 + x/b}$$