Все семейства являются семействами сдвига-масштаба применительно к одному из следующих распределений: $\mathcal{N}(0,1), Laplace(1), Cauchy(1), Exp(1), Gamma(1,2), Pareto(2)$.

1. $f_0(x;a,b) = \frac{x-a}{b^2}e^{-(x-a)/b}I\{x>a\}, f_1(x;a,b) = \frac{1}{b}e^{-(x-a)/b}I\{x>a\}$
2. $f_0(x;a,b) = \frac{1}{2b}exp\left(-\frac{|x-a|}{b}\right), f_1(x;a,b) = \frac{1}{\pi b}\left(1+\left(\frac{x-a}{b}\right)^2\right)^{-1}$
3. $f_0(x;a,b) = \frac{3b^3}{(x-a)^4}I\{x>a+b\}, f_1(x;a,b) = \frac{1}{\sqrt{2\pi}b}exp\left(-\frac{(x-a)^2}{2b}\right)$
4. $f_0(x;a,b) = \frac{1}{b}e^{-(x-a)/b}I\{x>a\}, f_1(x;a,b) = \frac{3b^3}{(x-a)^4}I\{x>a+b\}$
5. $f_0(x;a,b) = \frac{x-a}{b^2}e^{-(x-a)/b}I\{x>a\}, f_1(x;a,b) = \frac{1}{2b}exp\left(-\frac{|x-a|}{b}\right)$
6. $f_0(x;a,b) = \frac{1}{\sqrt{2\pi}b}exp\left(-\frac{(x-a)^2}{2b}\right), f_1(x;a,b) = \frac{1}{\pi b}\left(1+\left(\frac{x-a}{b}\right)^2\right)^{-1}$
7. $f_0(x;a,b) = \frac{3b^3}{(x-a)^4}I\{x>a+b\}, f_1(x;a,b) = \frac{1}{2b}exp\left(-\frac{|x-a|}{b}\right)$
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