



Blue curve:

$$\frac{1}{0,25\sqrt{2\pi}} e^{-\frac{(x-0,5)^2}{2(0,25)^2}}$$

Green curve:

$$\frac{1}{0,125\sqrt{2\pi}} e^{-\frac{(x-0,25)^2}{2(0,125)^2}}$$

Magenta curve:

$$\frac{1}{0,083\sqrt{2\pi}} e^{-\frac{(x-0,167)^2}{2(0,083)^2}}$$

Cyan curve:

$$\frac{1}{0,062\sqrt{2\pi}} e^{-\frac{(x-0,125)^2}{2(0,062)^2}}$$

Orange curve:

$$\frac{1}{0,05\sqrt{2\pi}} e^{-\frac{(x-0,1)^2}{2(0,05)^2}}$$

Purple curve:

$$\frac{1}{0,042\sqrt{2\pi}} e^{-\frac{(x-0,083)^2}{2(0,042)^2}}$$