# Inverse geometric distribution

$a := \text{curve2d}\big(\text{geometricinv}(y, 0.2), y, 0, 0.99, 20\big)$

$b := \text{curve2d}\big(\text{geometricinv}(y, 0.5), y, 0, 0.99, 20\big)$

$c := \text{curve2d}\big(\text{geometricinv}(y, 0.8), y, 0, 0.99, 20\big)$

| Name | Title | Color | Origin |
|------|-------|-------|--------|
| a | p = 0.2 | -------- | |
| b | p = 0.5 | -------- | |
| c | p = 0.8 | -------- | |

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