figures for a BioStatistic course

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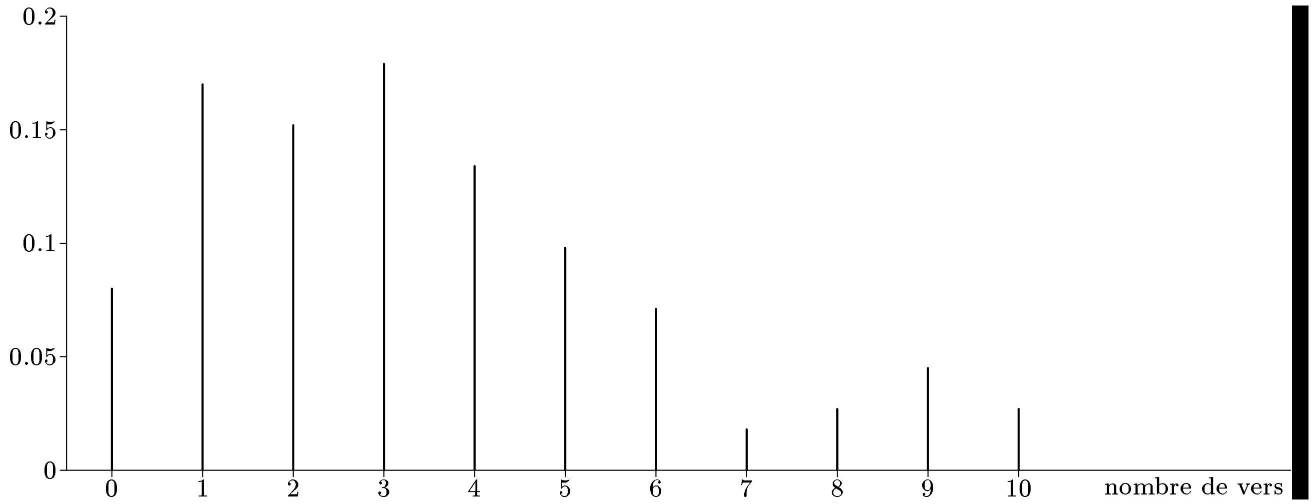
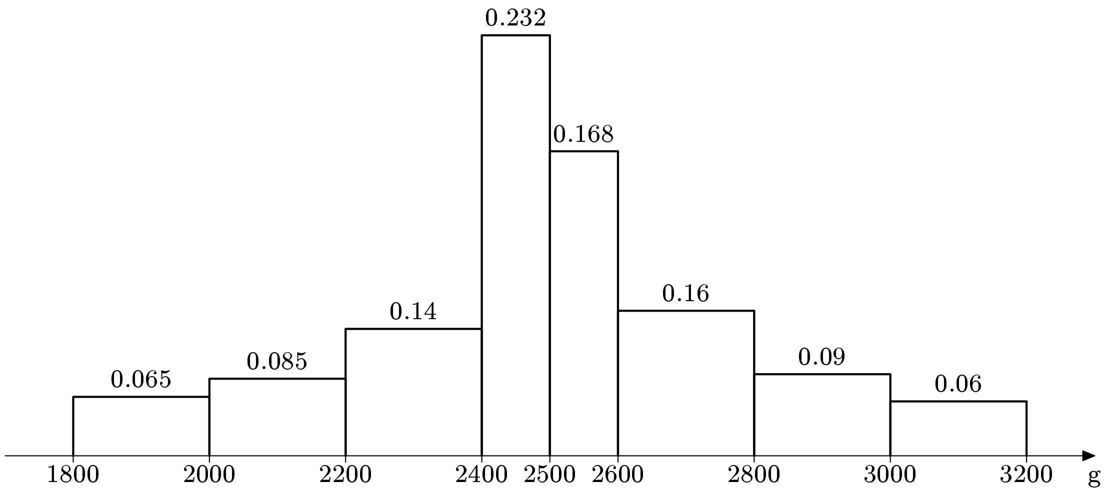
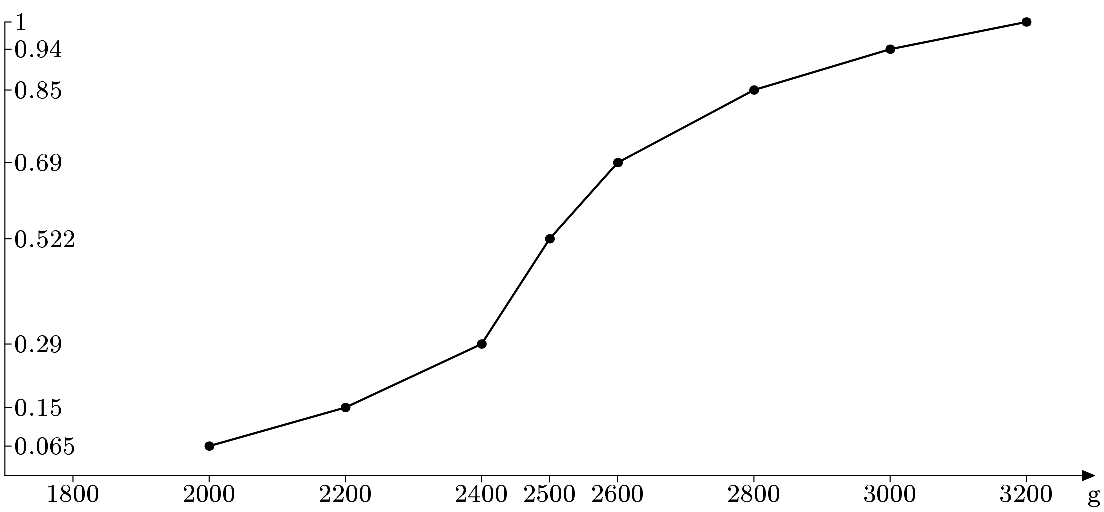
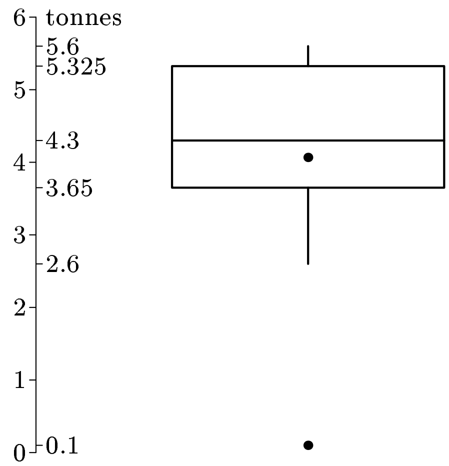
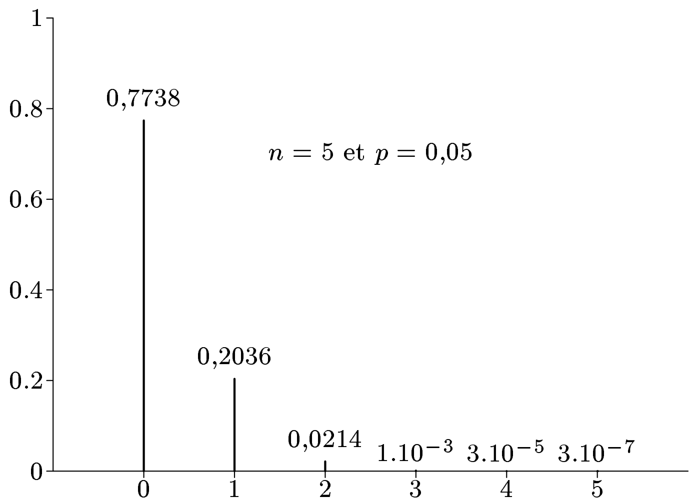
These are the figures for a BioStatistic course. Sources will be available as soon as their will be finished and approved.

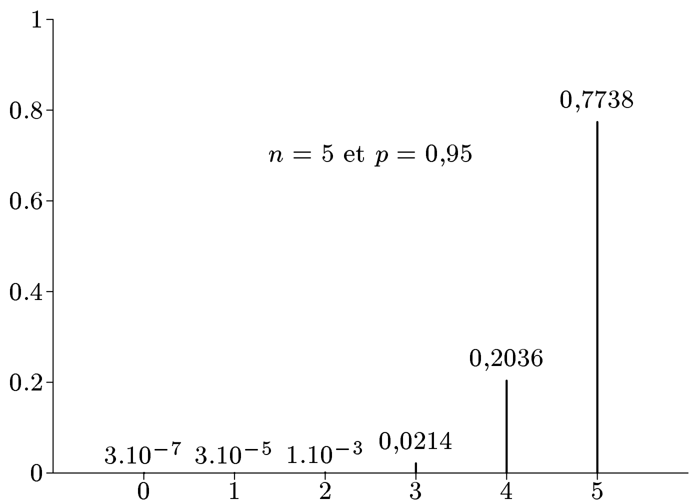


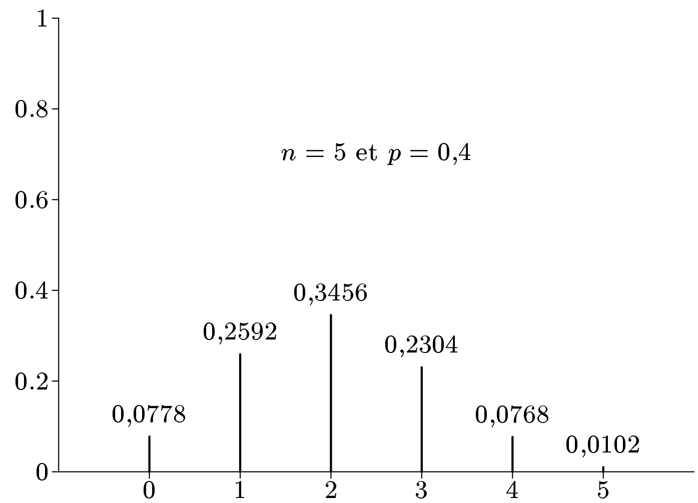


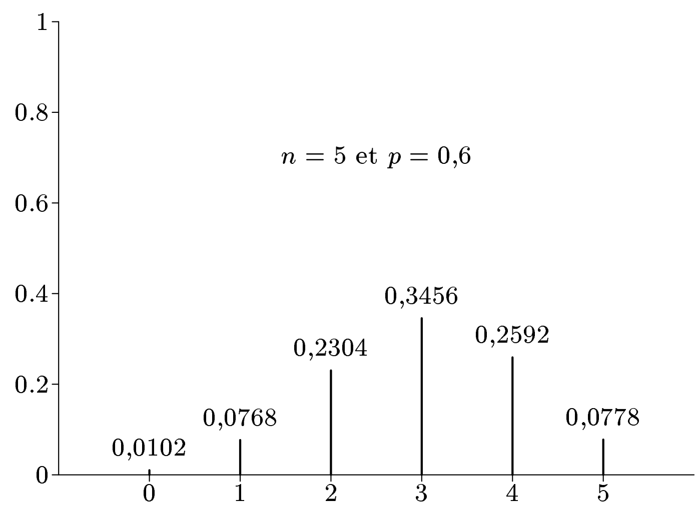


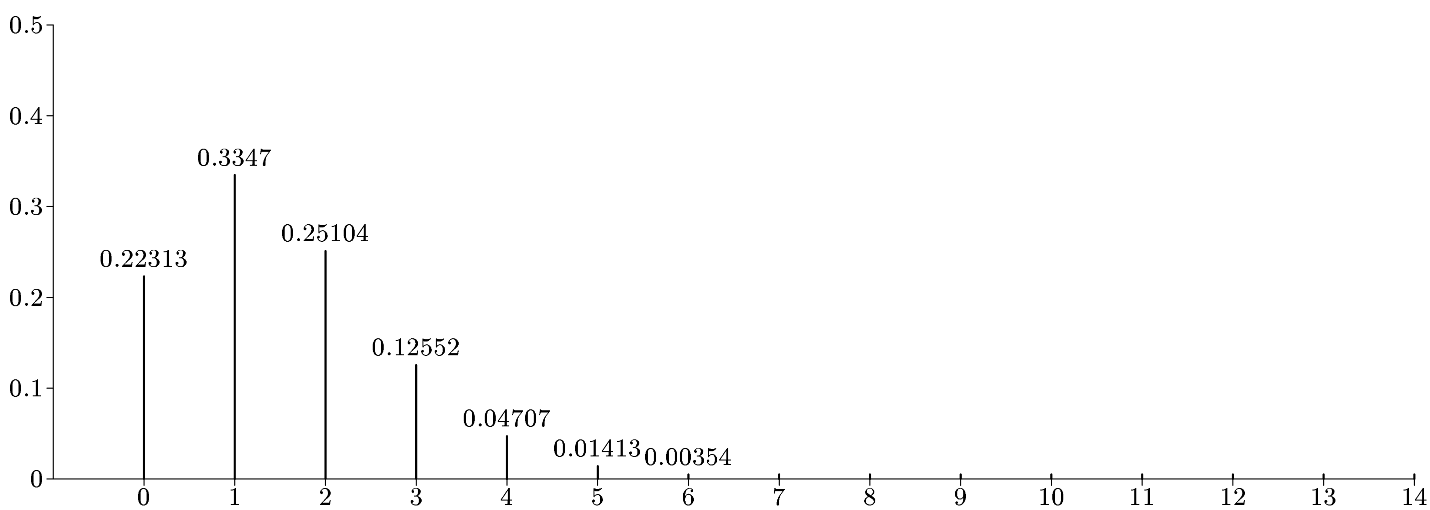

6
tonnes
5.6
5.325
5
4.3
4
3.65
3
2.6
2
1
0.1
0

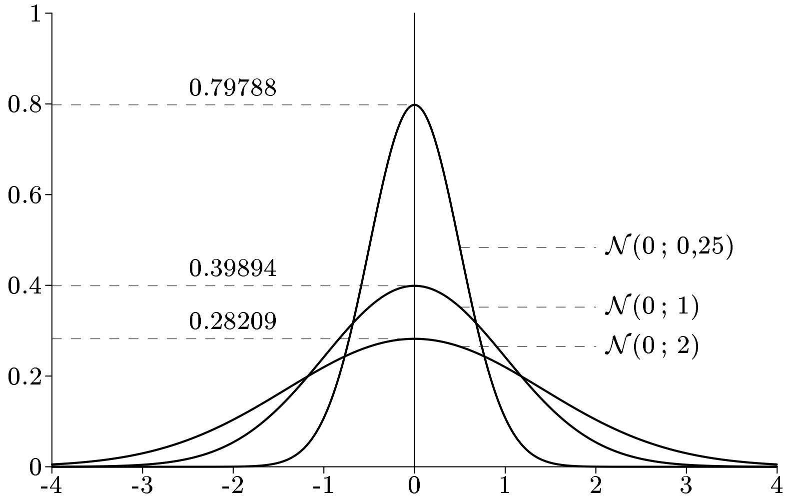

1
0.8
0.6
0.4
0.2
0
0,7738
$n = 5$ et $p = 0{,}05$
0,2036
0,0214
1.10^{-3}
3.10^{-5}
3.10^{-7}
0
1
2
3
4
5

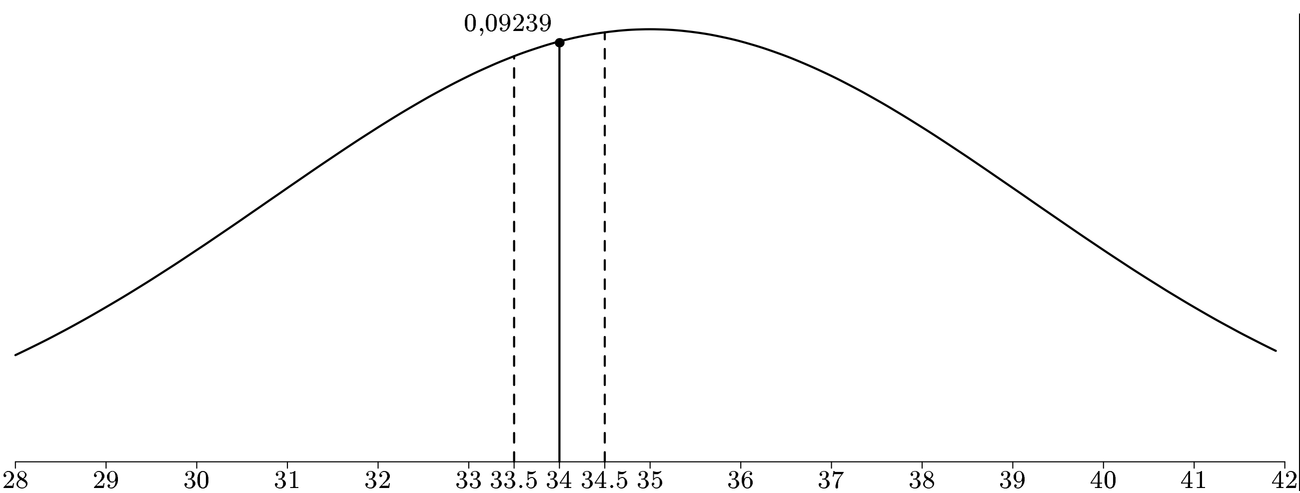

1
0.8
0.6
0.4
0.2
0
0,7738
$n = 5$ et $p = 0{,}95$
0,2036
3.10^{-7}
3.10^{-5}
1.10^{-3}
0,0214
0
1
2
3
4
5

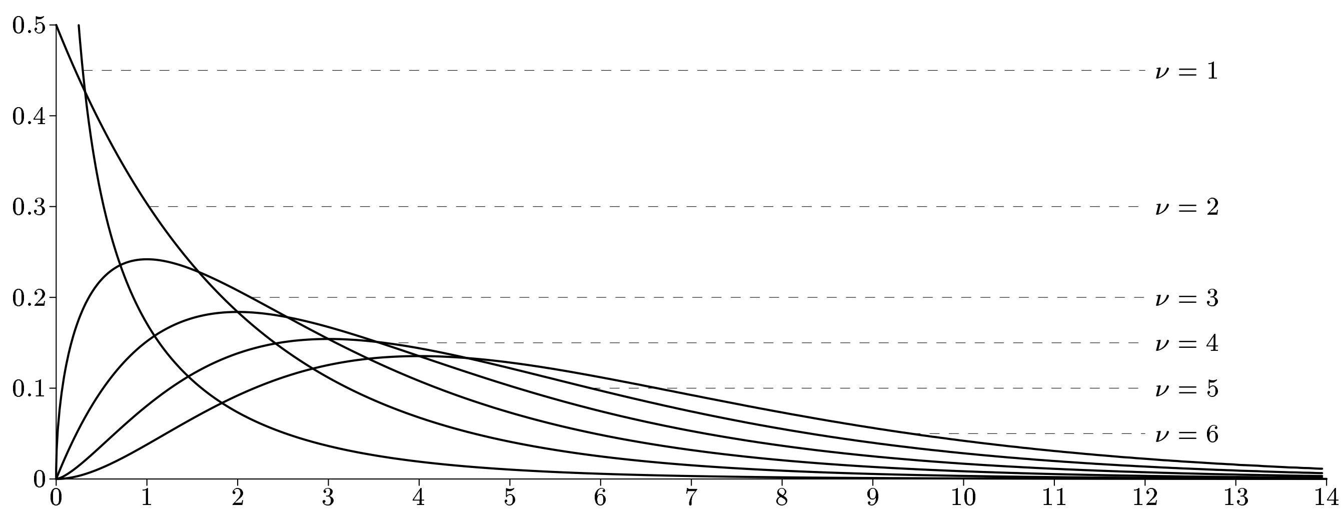

1
0.8
0.6
0.4
0.2
0
$n = 5$ et $p = 0{,}4$
0,0778
0,2592
0,3456
0,2304
0,0768
0,0102
0
1
2
3
4
5

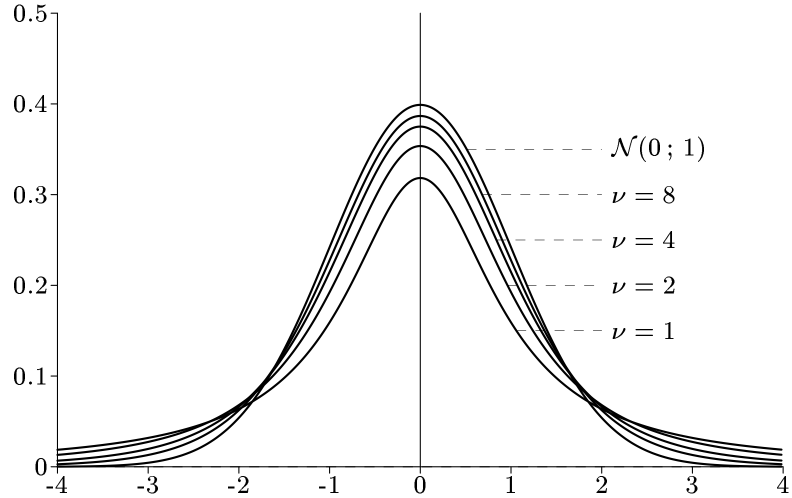

1
0.8
0.6
0.4
0.2
0
$n = 5$ et $p = 0{,}6$
0,0102
0,0768
0,2304
0,3456
0,2592
0,0778
0
1
2
3
4
5

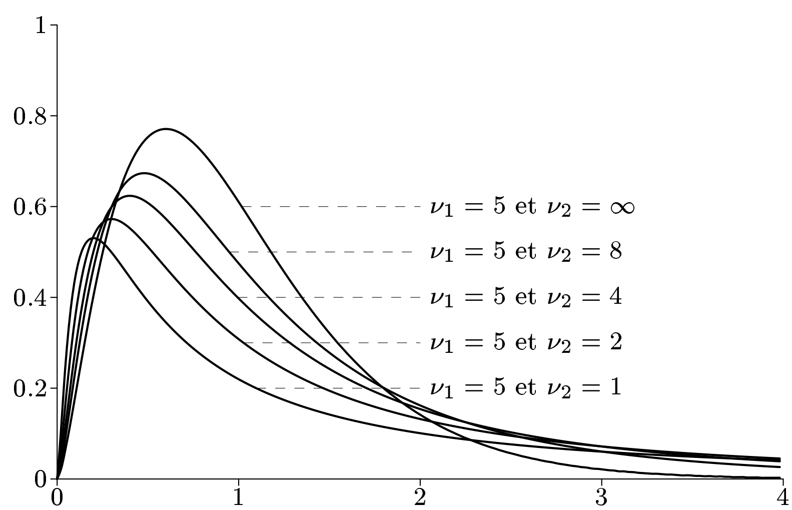

0.5
0.4
0.3
0.2
0.1
0
0.22313
0.3347
0.25104
0.12552
0.04707
0.01413
0.00354
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14

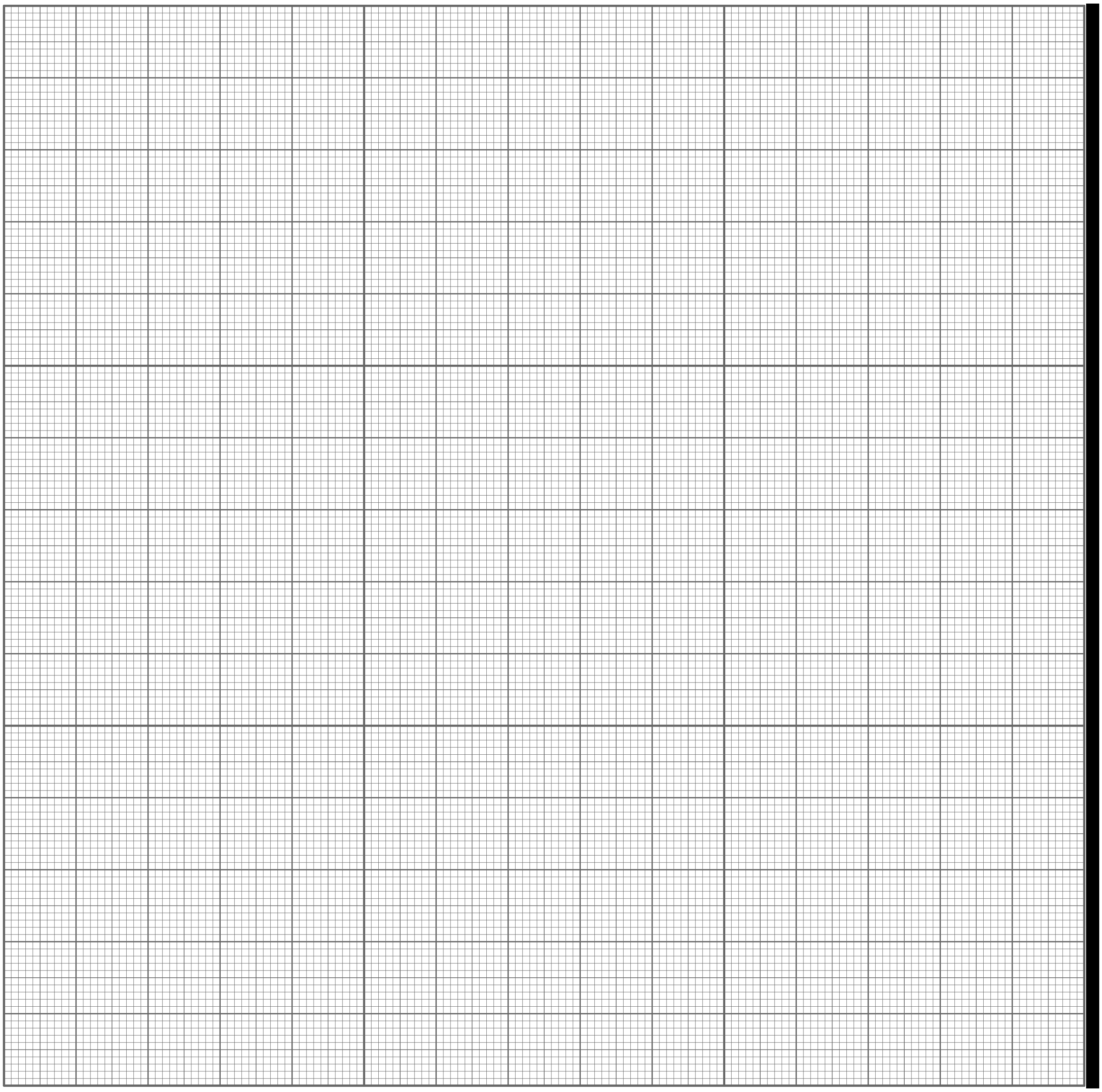

0.79788
0.39894
0.28209
$\mathcal{N}(0\,;\,0{,}25)$
$\mathcal{N}(0\,;\,1)$
$\mathcal{N}(0\,;\,2)$
0 0.2 0.4 0.6 0.8 1
-4 -3 -2 -1 0 1 2 3 4

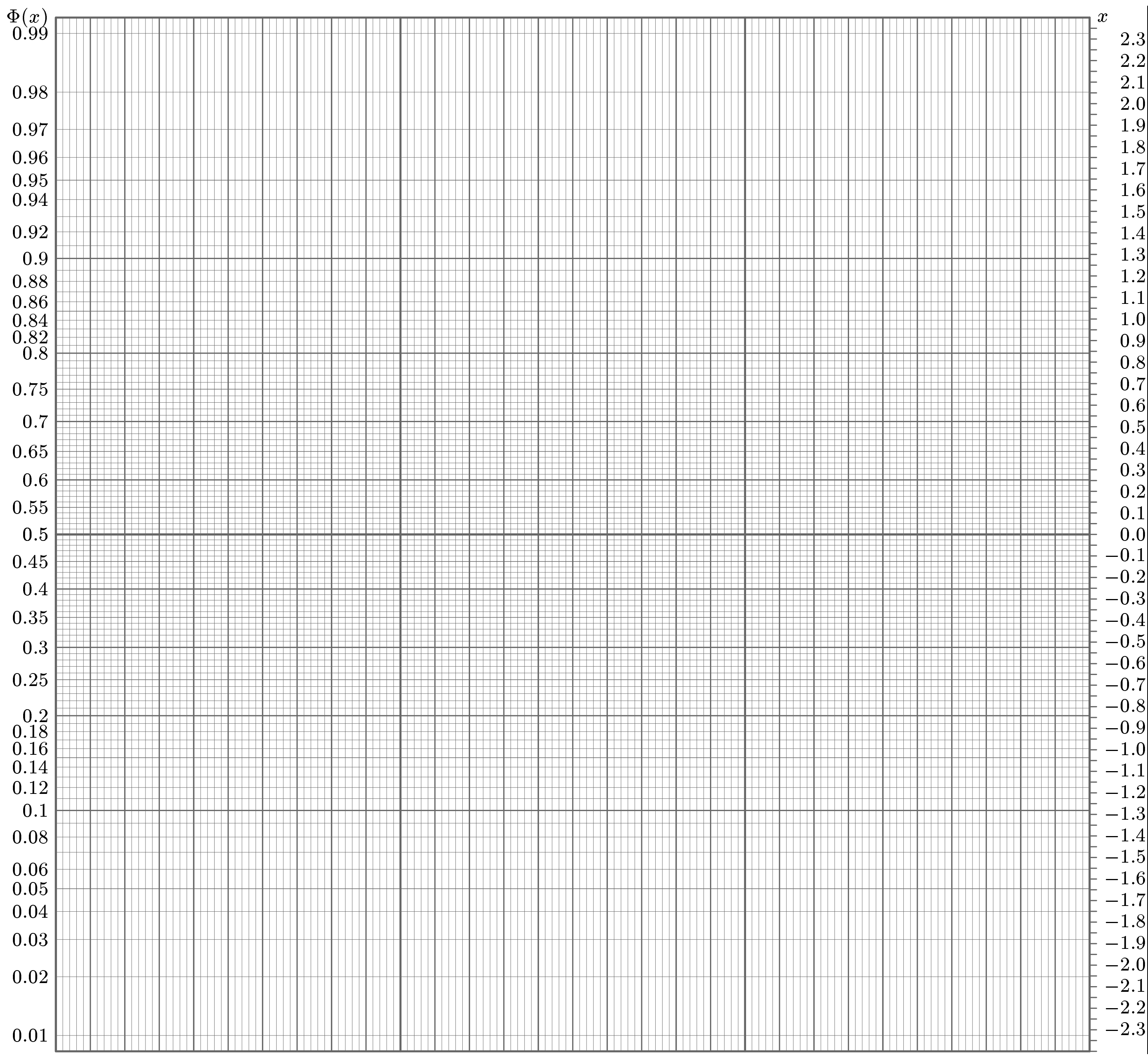

0,09239
28 29 30 31 32 33 33.5 34 34.5 35 36 37 38 39 40 41 42

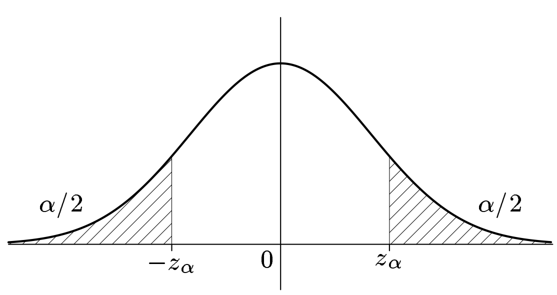

$\nu = 1$
$\nu = 2$
$\nu = 3$
$\nu = 4$
$\nu = 5$
$\nu = 6$
0 0.1 0.2 0.3 0.4 0.5
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

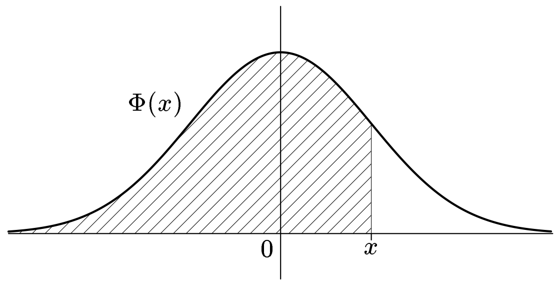

0.5
0.4
0.3
0.2
0.1
0
-4
-3
-2
-1
0
1
2
3
4
$\mathcal{N}(0\,;\,1)$
$\nu = 8$
$\nu = 4$
$\nu = 2$
$\nu = 1$

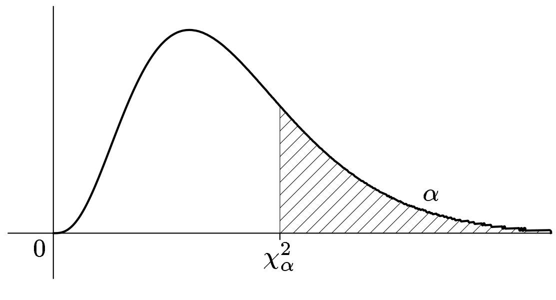

1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
$\nu_1 = 5$ et $\nu_2 = \infty$
$\nu_1 = 5$ et $\nu_2 = 8$
$\nu_1 = 5$ et $\nu_2 = 4$
$\nu_1 = 5$ et $\nu_2 = 2$
$\nu_1 = 5$ et $\nu_2 = 1$

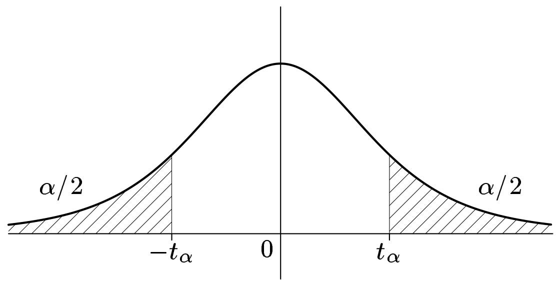


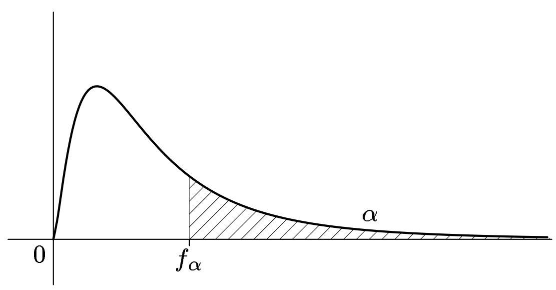

$\Phi(x)$
0.99
0.98
0.97
0.96
0.95
0.94
0.92
0.9
0.88
0.86
0.84
0.82
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.05
0.04
0.03
0.02
0.01
x
2.3
2.2
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
−1.4
−1.5
−1.6
−1.7
−1.8
−1.9
−2.0
−2.1
−2.2
−2.3


$\alpha/2$
$\alpha/2$
$-z_\alpha$
0
z_α


$\Phi(x)$
0
x


α
0
χ^2_α


$\alpha/2$
$\alpha/2$
$-t_\alpha$
0
t_α


α
0
f_α