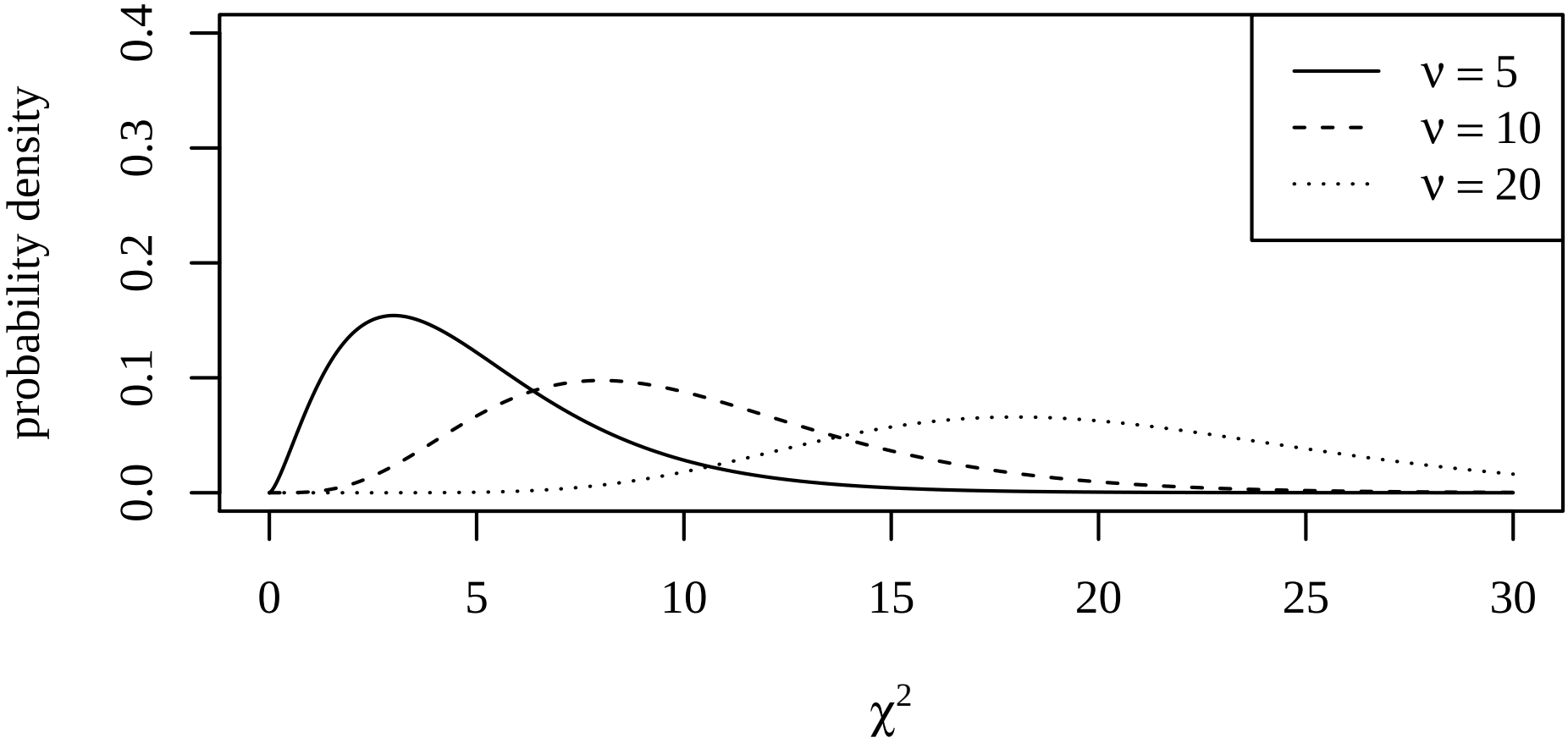
probability density
0.0
0.1
0.2
0.3
0.4
0
5
10
15
20
25
30
$\chi^2$
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$\nu = 10$
$\nu = 20$