

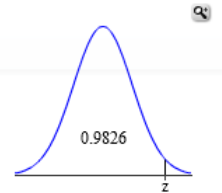
Answer on Question #84870 – Math – Statistics and Probability

Question

Find the indicated z score. The graph depicts the standard normal distribution with mean 0 and standard deviation 1.

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The indicated z score is .

(Round to two decimal places as needed.)

Solution

To find z score we should use the formula $P(Y < z) = 0.9826$, where Y follows the standard normal distribution, $E(Y) = 0, Var(Y) = 1$, and a table of the Standard Normal Distribution.

The indicated z score is 2.11.

Answer provided by <https://www.AssignmentExpert.com>