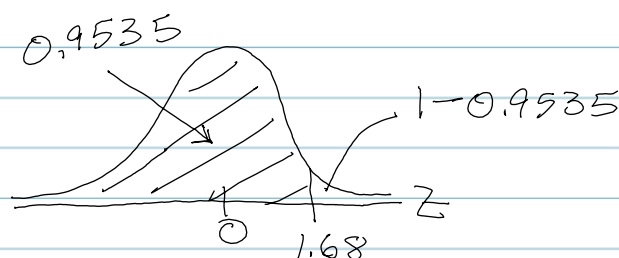


Ex: Look up $P(Z < 1.68) = 0.9535$

Table A1

Z → .08	
↓	↓
1.6 →	.9535



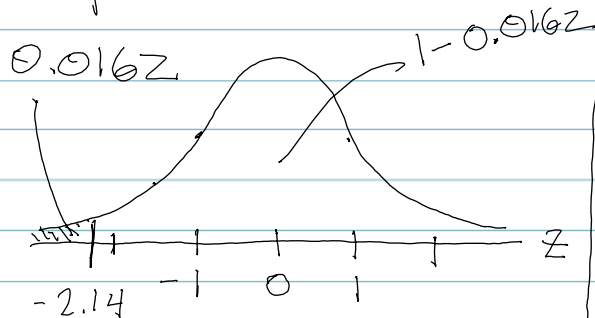
Ex: $P(Z \geq 1.68) = 1 - 0.9535 = 0.0465$

↑
Rule of Complements.

Ex: Look up $P(Z \leq -2.14) = 0.0162$

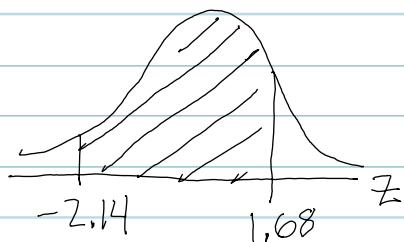
Table A1

Z → .04	
↓	↓
-2.1 →	.0162

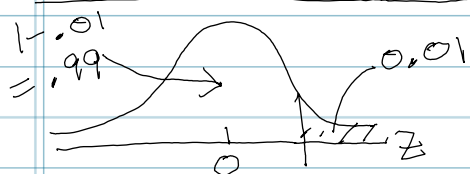


$$\begin{aligned}
 P(Z > -2.14) \\
 &= 1 - 0.0162 \\
 &= \underline{0.9838}
 \end{aligned}$$

Ex: $P(-2.14 < Z \leq 1.68) = 0.9535 - 0.0162 = 0.9373$



* Finding a z-score corresponding to a known area.



$Z = 2.33$
 99th percentile

Table A1

Z	.03
2.3	.9901

1. Determine the area to the left of the z-score.
2. Search inside Table A1 for the area closest to the one you want.