1342-Notes_Navidi_7-4_central-limit-theorem-

proportions

Monday, November 18, 2019 9:39 AM





Monday, November 18, 2019 10:10 AM

$$Z = \frac{\hat{p} - \mu_{B}}{O_{p}} = \frac{0.40 - 0.35}{0.06745}$$

$$= 0.74125$$

$$\approx 0.74125$$

$$\approx 0.74$$
From z-table, area to
left of z = 0.74 is 0.7764

$$P(\hat{p} > 0.4) = 1 - 0.7704$$

$$= 0.2256$$

$$P(\hat{p} > 0.4) = 1 - 0.7104$$

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