

Probabilistic Reasoning

Answer: C, No, he has a lower knockout rate.

A table similar to the one below should be created to make the question easier to complete. Let the x axis be the factors affecting the win, and the y axis be the two fighters.

Since the question asks for number of fights not win percentage, the number of fights won is the same.

	Number of Fights	Knockout Rate
Wilcox Willis	$96\% \times 50 = 0.96 \times 50 = 48$ wins	$80\% = 0.8$
Jonathan Jeremiah	48 fights all won = 48 wins	$17/20 = 85\% = 0.85$

Hence, the correct conclusion for the , is Jonathan Jeremiah, since he has a higher knockout rate, and has won the same amount of fights as Wilcox Willis.

Answer A is wrong, since Wilcox and Jonathan have both won the same number of fights, so the difference in experience is not important

Answer B is wrong, since the question does not ask for win rate.

Answer C is correct, since the number of fights won is the same for both and the knockout rate is different

Answer D is wrong, since the win rate is insignificant as the question asks for number of wins.

Hence, the answer is C, No, he has a lower knockout rate