

This heatmap, titled "No usable ace-300000 iterations", displays the probability of a player winning based on the dealer's upcard (y-axis, 1 to 10) and the player's sum (x-axis, 12 to 21). The color scale on the right ranges from 0.0 (dark) to 1.0 (light). The plot shows that for most player sums, the probability of winning is very low (near 0.0) regardless of the dealer's upcard. However, there are notable exceptions: for a player sum of 20, the probability of winning is approximately 0.35 when the dealer shows a 3, and for a player sum of 21, the probability is approximately 0.35 when the dealer shows a 10. For all other combinations, the probability is near 0.0.

