

Combined Day 1 & Day 2 Z scores

If the ratio of the number of rounds of judging on Day1 to the number of rounds of judging on Day2 $< .5$, we would count Day1 avg z-score as 15% and Day2 avg z-score as 85%.

If the ratio of the number of rounds of judging on Day1 to the number of rounds of judging on Day2 = $.5$, we would count Day1 avg z-score as 25% and Day2 avg z-score as 75%.

If the ratio of the number of rounds of judging on Day1 to the number of rounds of judging on Day2 $> .5$, we would count Day1 avg z-score as $33 \frac{1}{3}\%$ and Day2 avg z-score as $66 \frac{2}{3}\%$ (i. e. Day2 avg z-score will count twice as much as Day1 avg z-score.)

In 2011, Day 1 had 2 rounds of judging and Day 2 had 3, so the ratio is $\frac{2}{3} = .66666\dots > .5$, so the third rule would have applied to all categories.