



**FIGURE 8.11.** Simulated academy awards voting. 50 members vote in 10 categories, each with 4 nominations. For any category, only 15 voters have some knowledge, represented by their probability of selecting the “correct” candidate in that category (so  $P = 0.25$  means they have no knowledge). For each category, the 15 experts are chosen at random from the 50. Results show the expected correct (based on 50 simulations) for the consensus, as well as for the individuals. The error bars indicate one standard deviation. We see, for example, that if the 15 informed for a category have a 50% chance of selecting the correct candidate, the consensus doubles the expected performance of an individual.