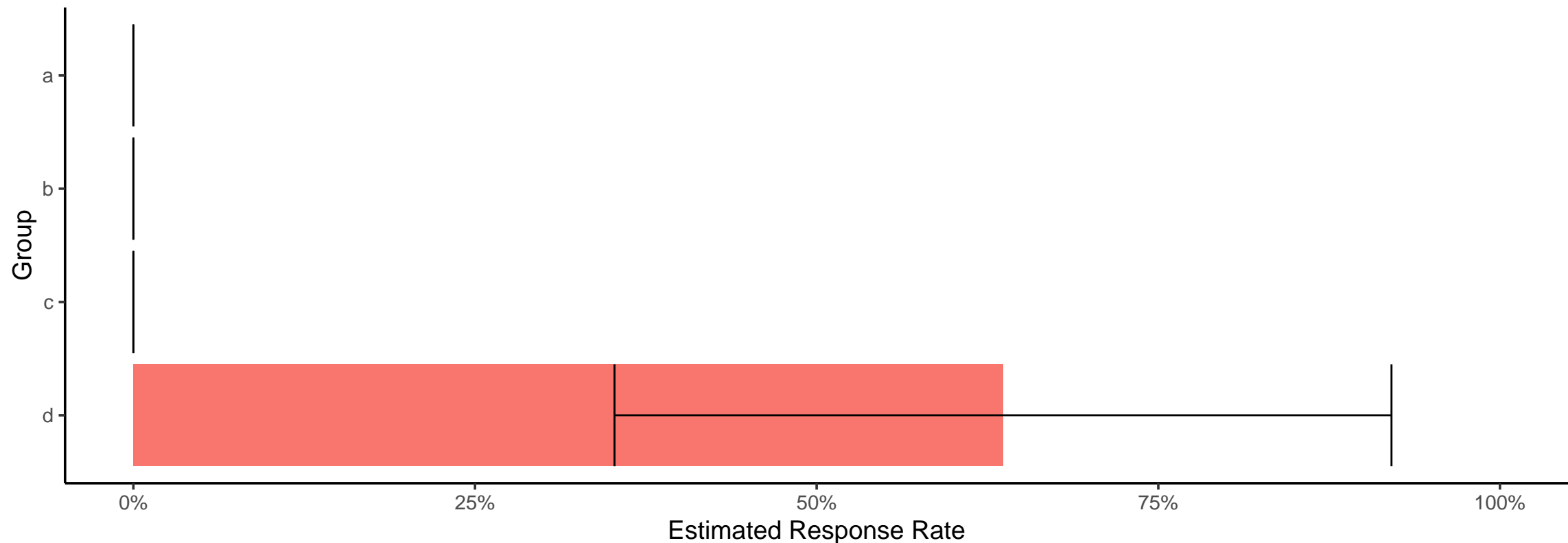


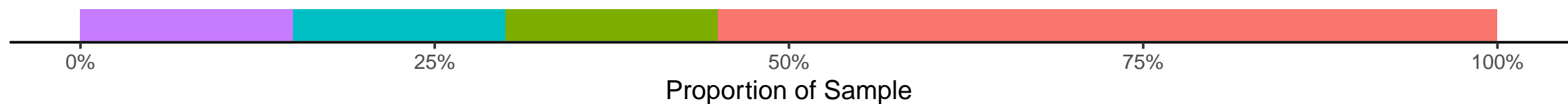
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 20



Distribution of Sample Sizes



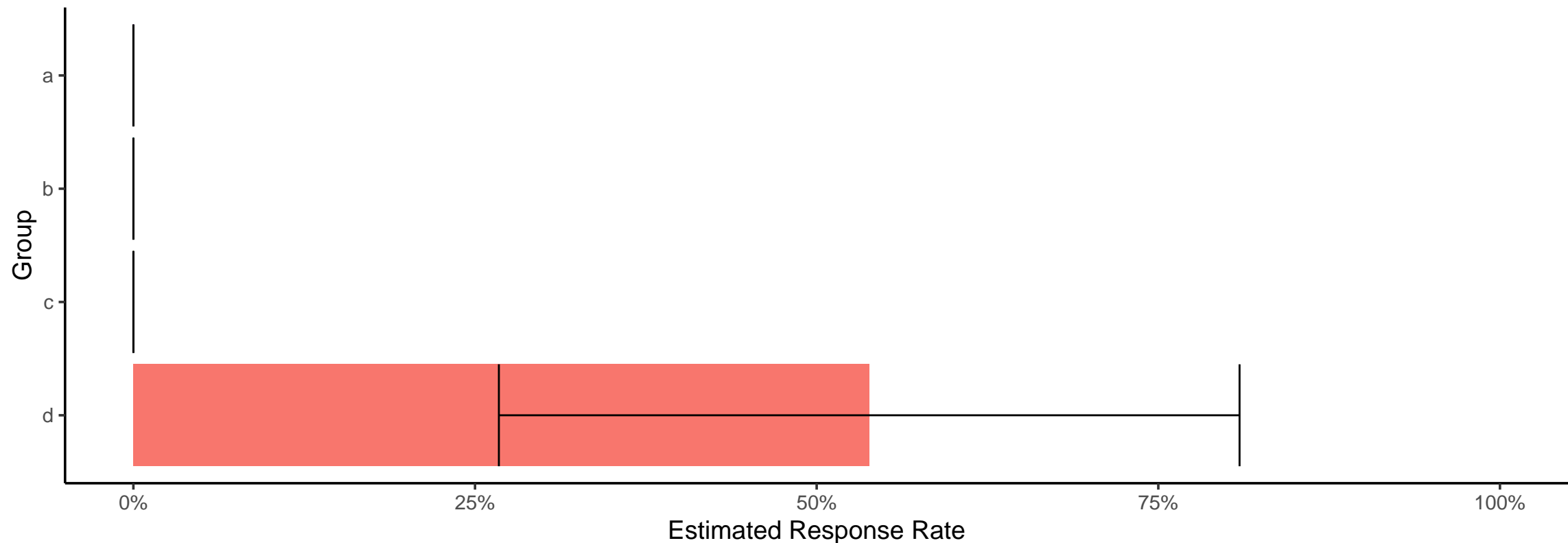
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

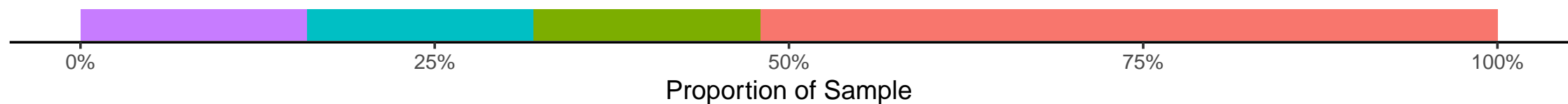
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 25



Distribution of Sample Sizes



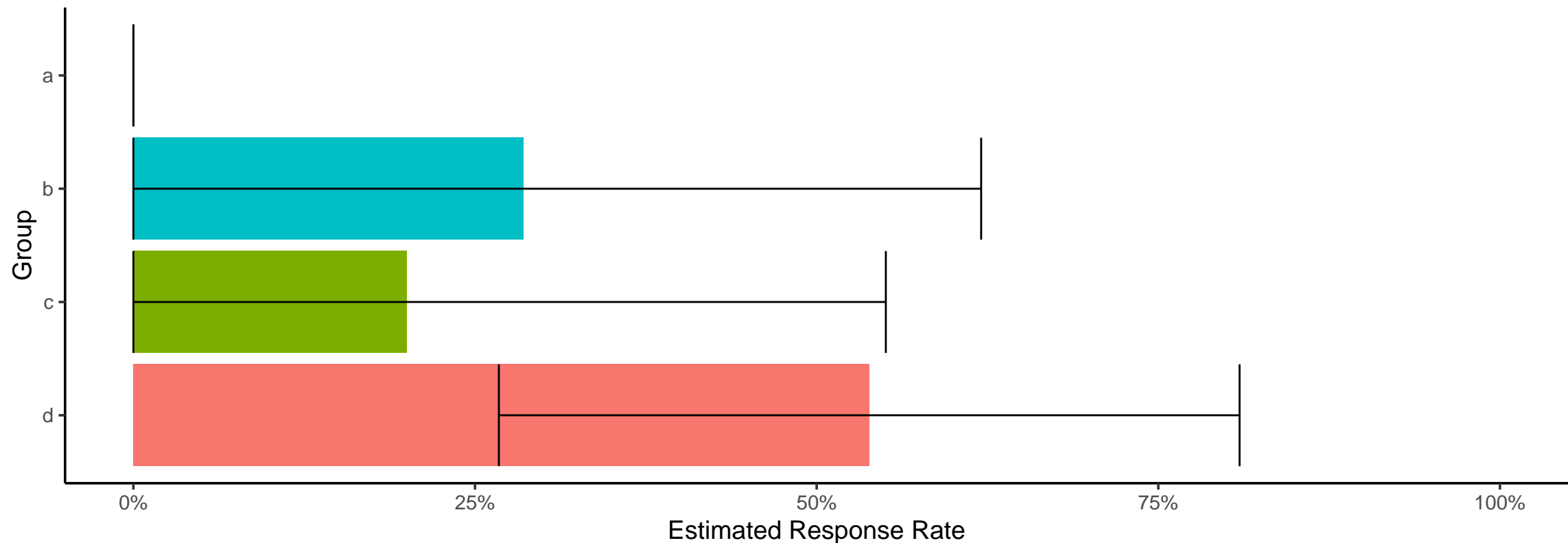
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

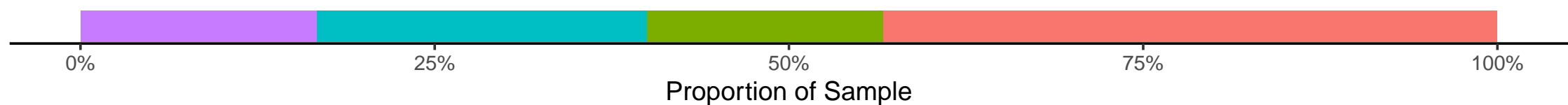
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 30



Distribution of Sample Sizes



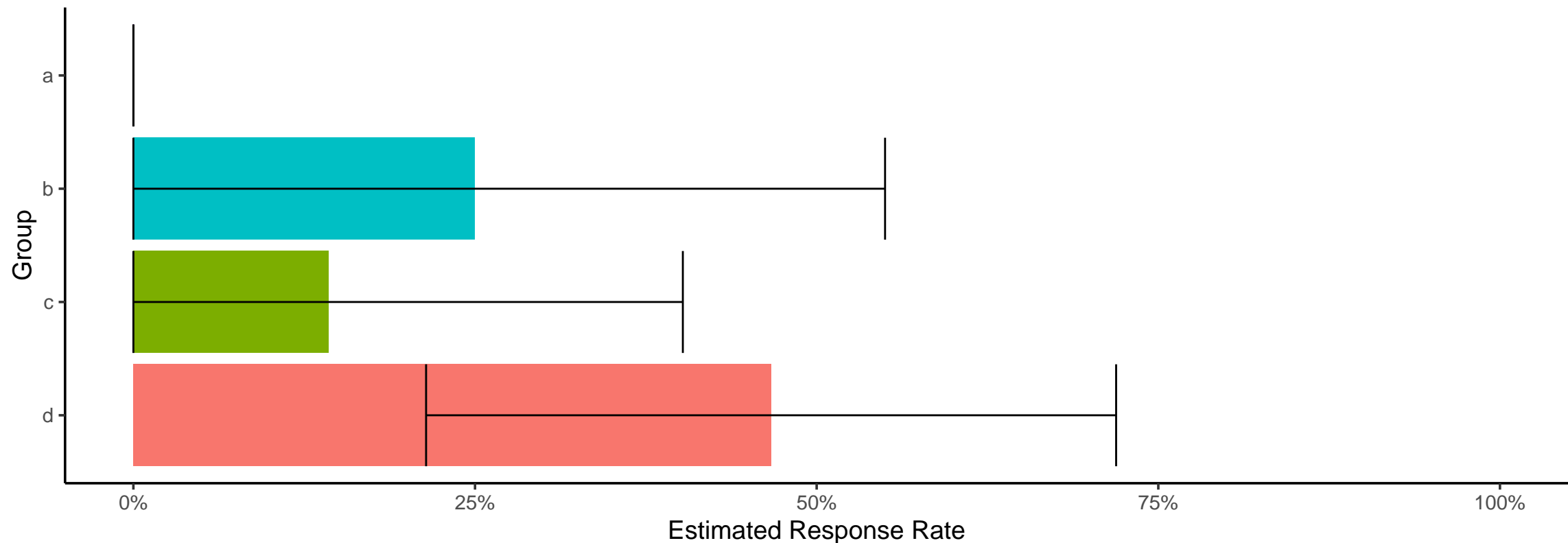
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

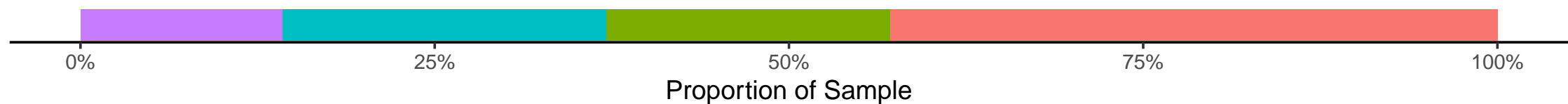
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 35



Distribution of Sample Sizes



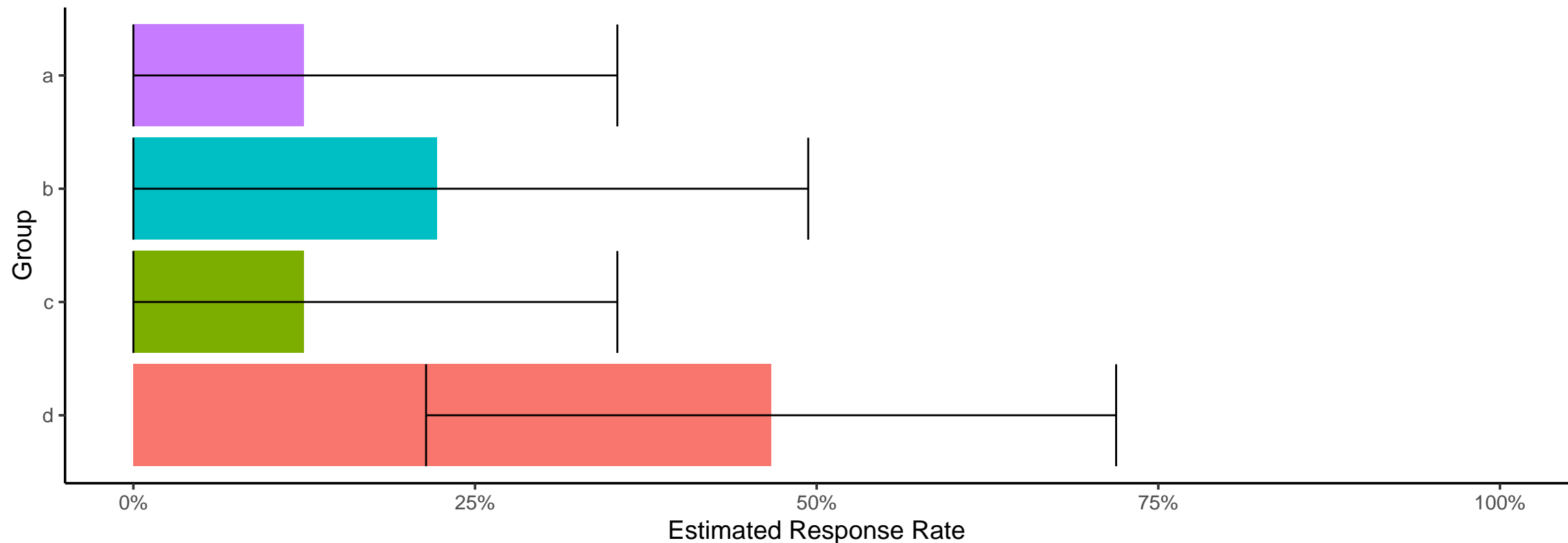
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

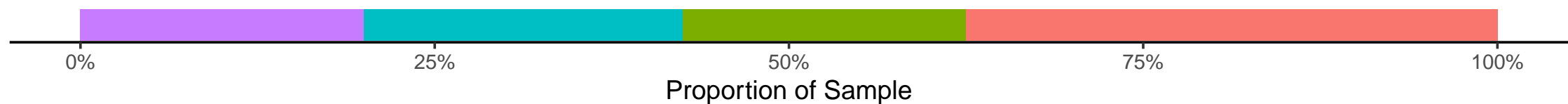
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 40



Distribution of Sample Sizes



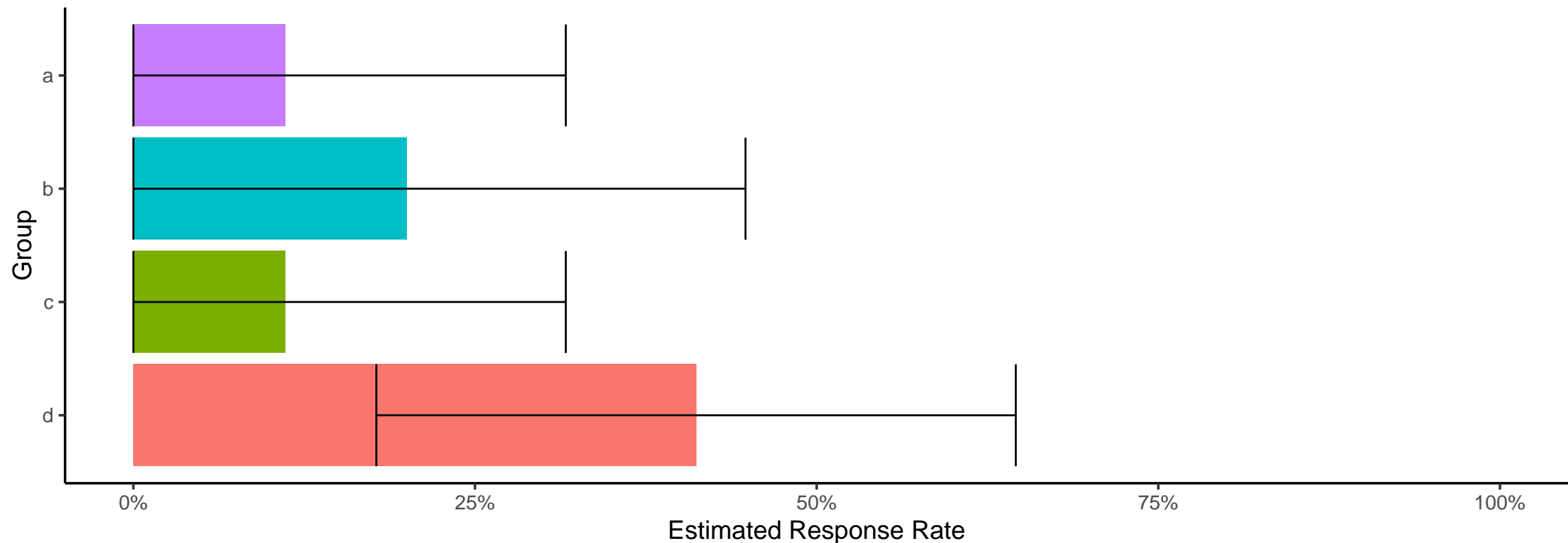
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

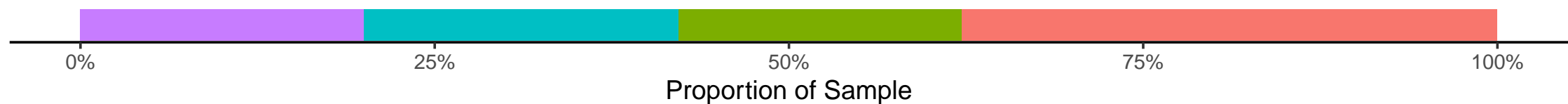
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 45



Distribution of Sample Sizes



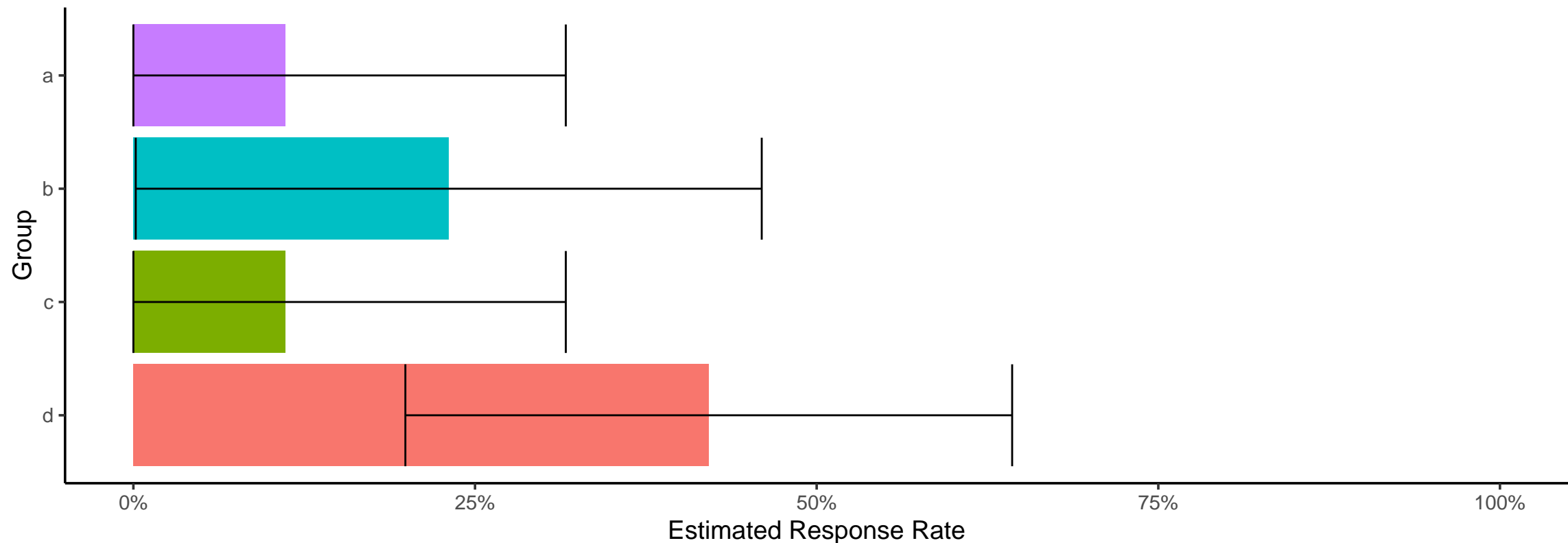
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

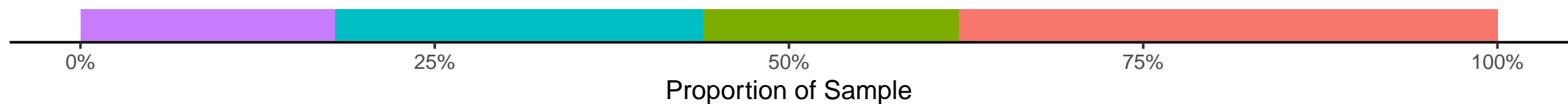
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 50



Distribution of Sample Sizes



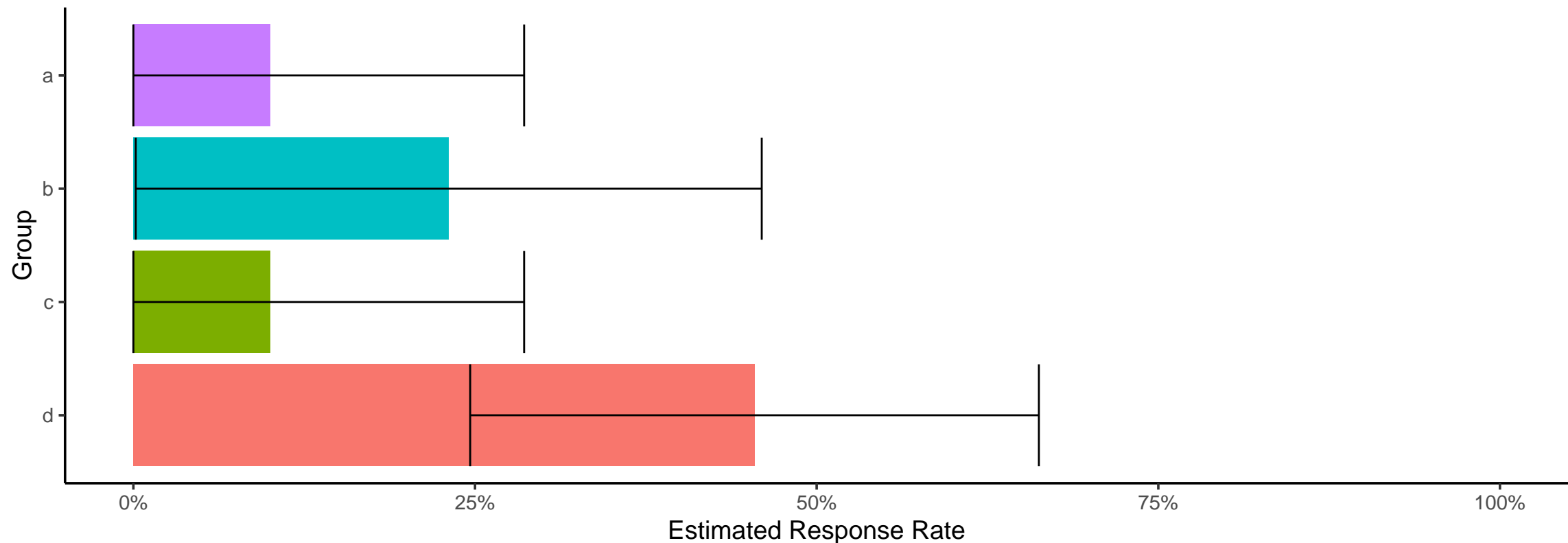
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

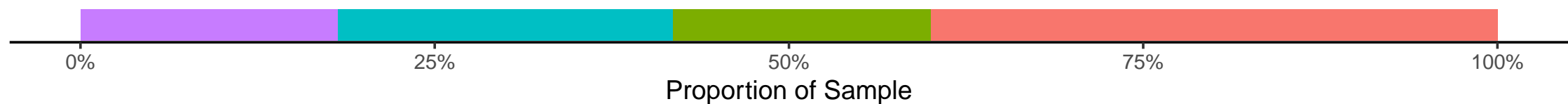
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 55



Distribution of Sample Sizes



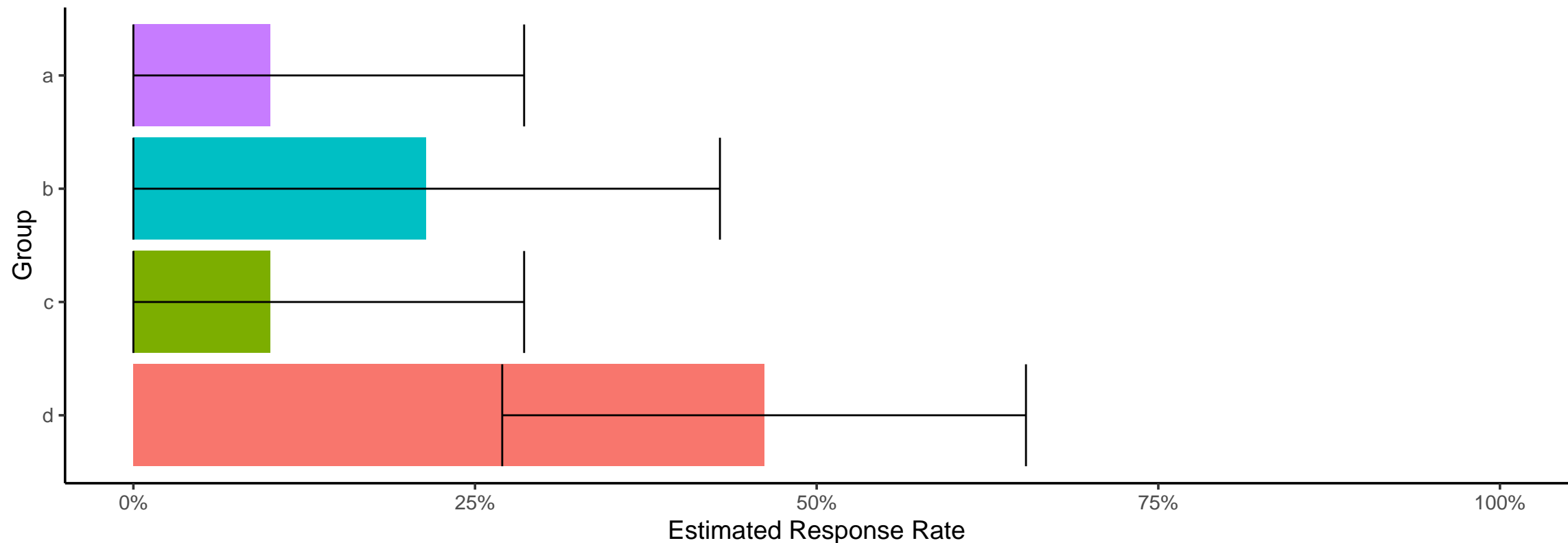
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

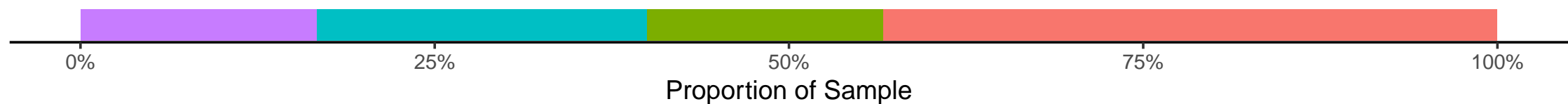
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 60



Distribution of Sample Sizes



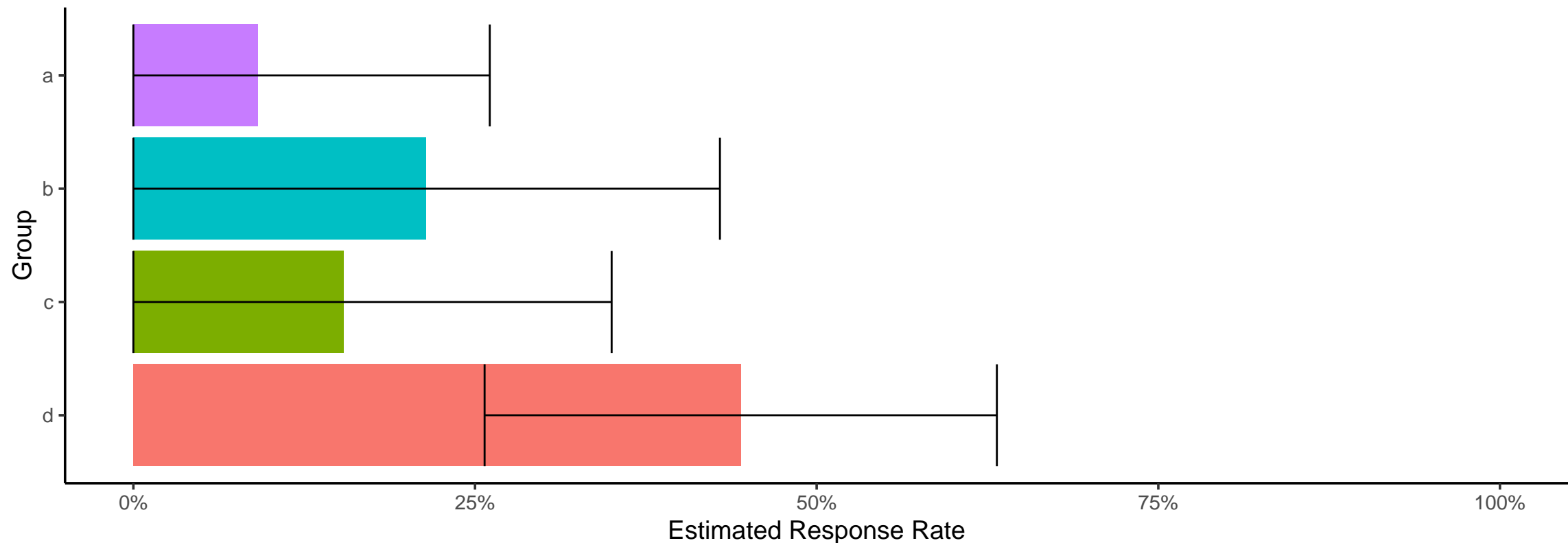
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

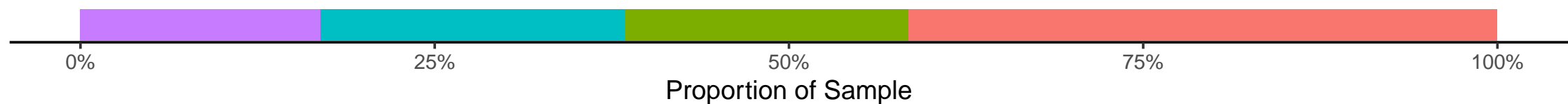
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 65



Distribution of Sample Sizes



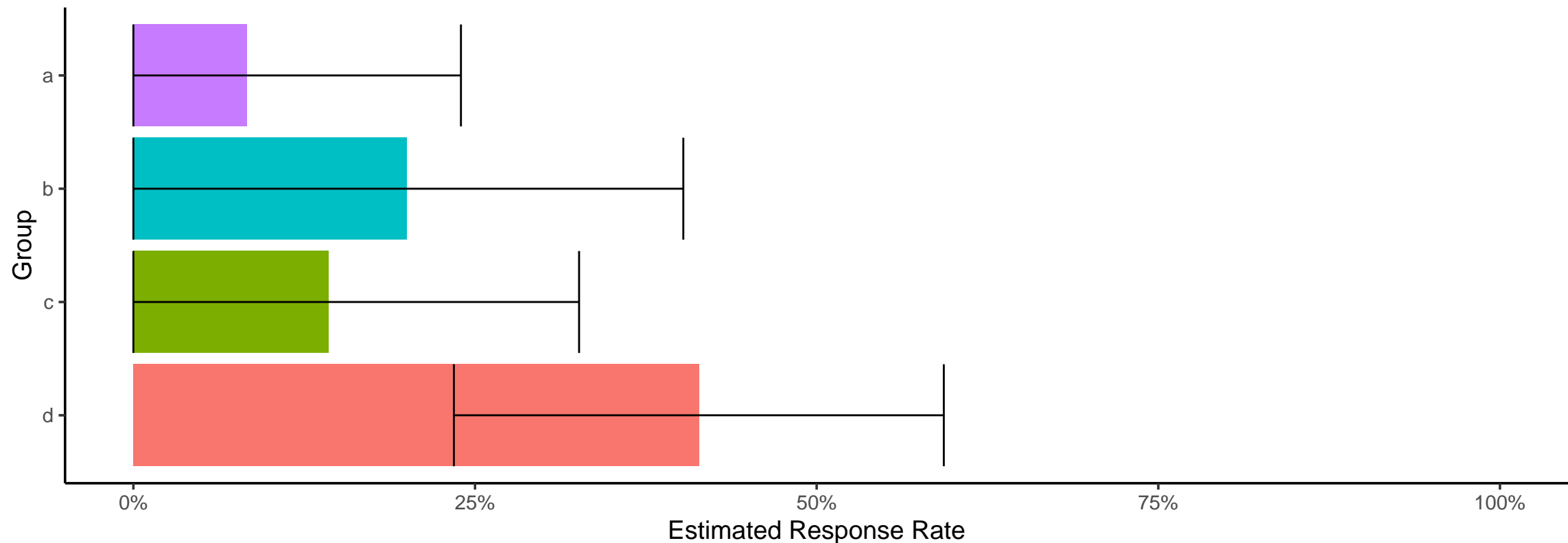
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

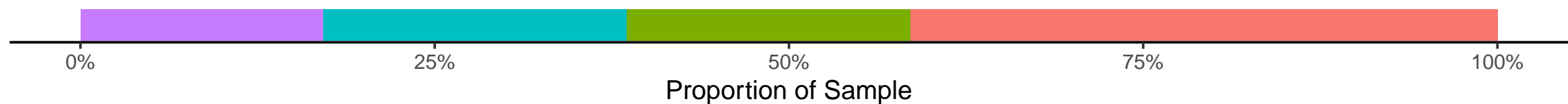
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 70



Distribution of Sample Sizes



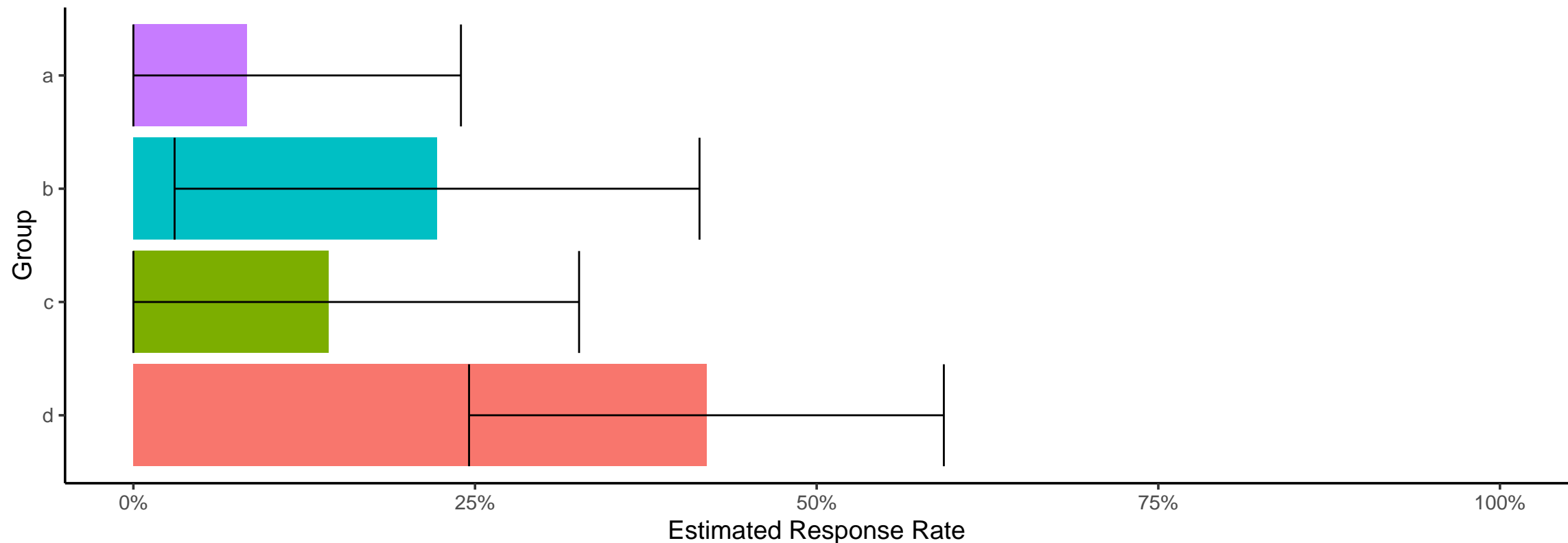
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

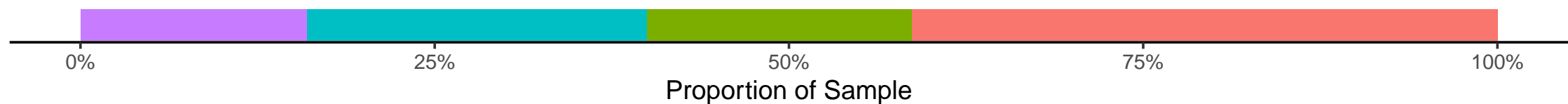
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 75



Distribution of Sample Sizes



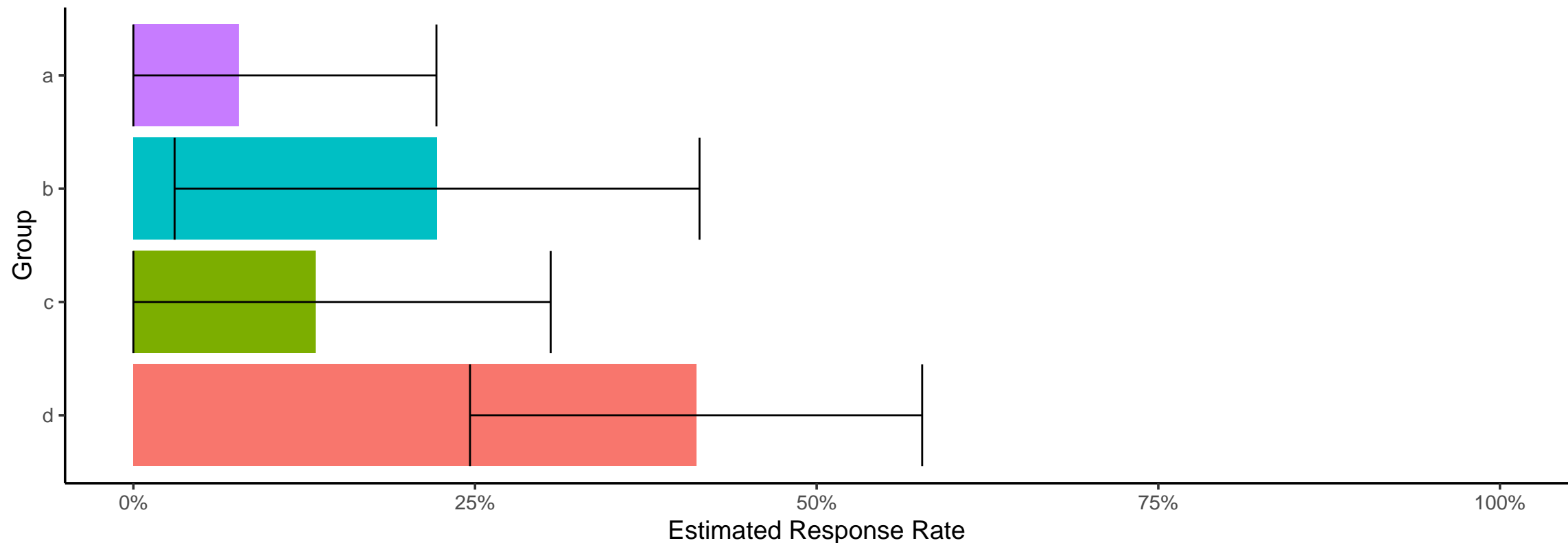
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

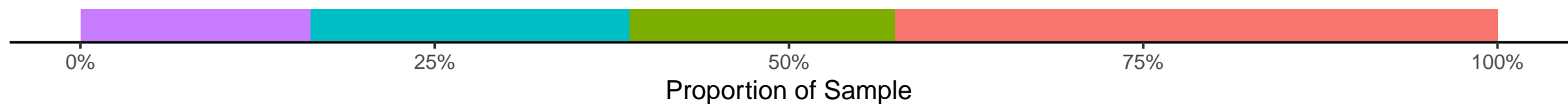
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 80



Distribution of Sample Sizes



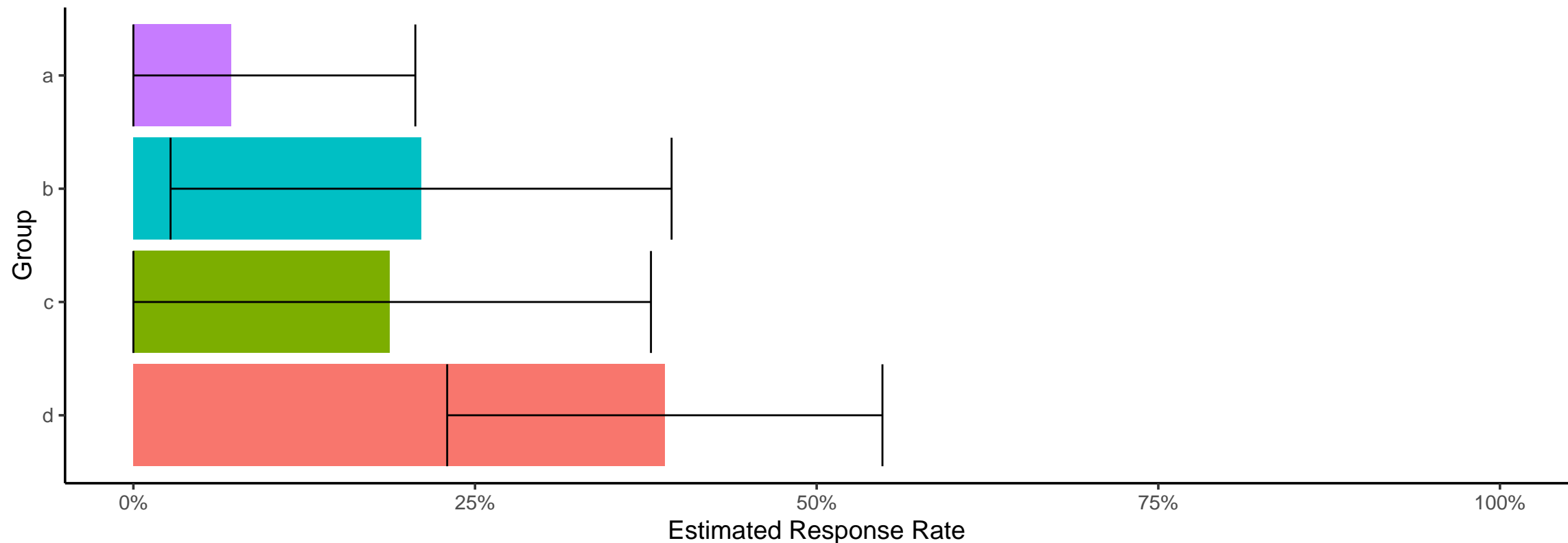
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

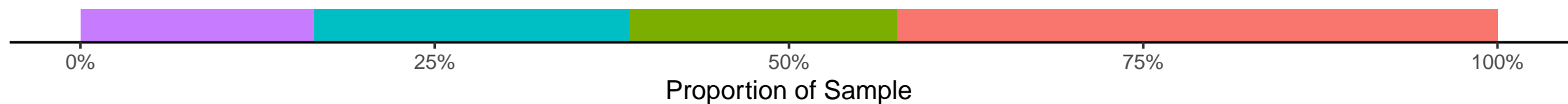
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 85



Distribution of Sample Sizes



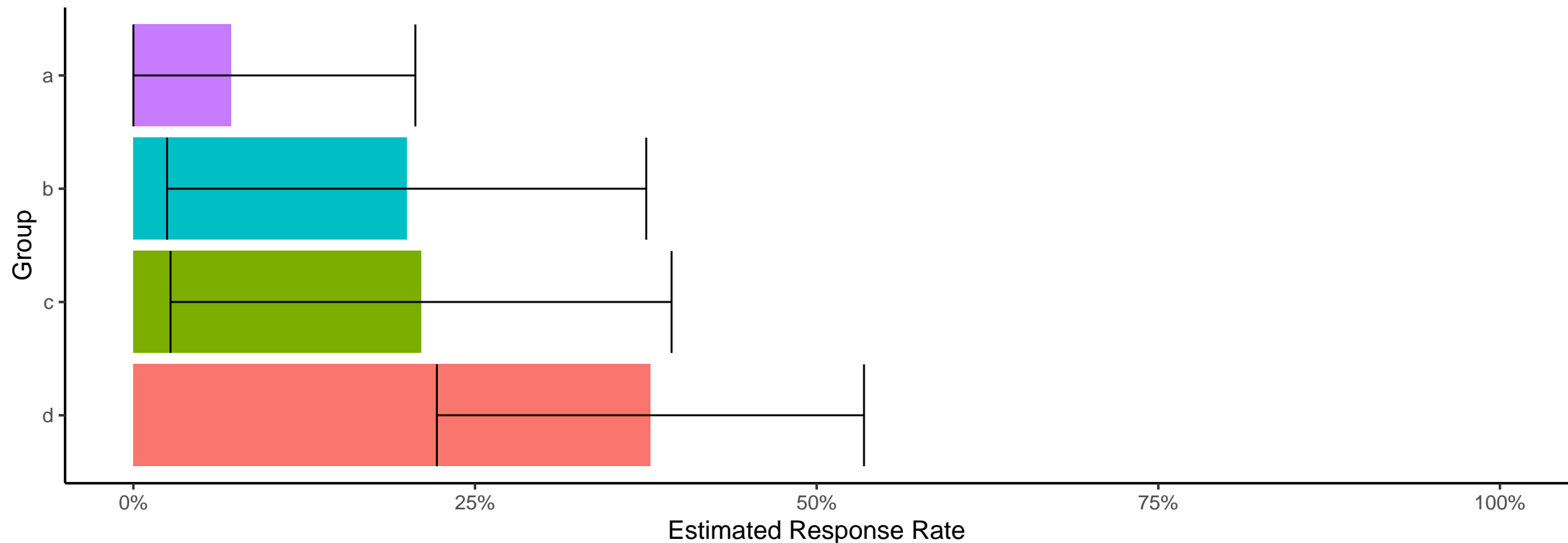
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

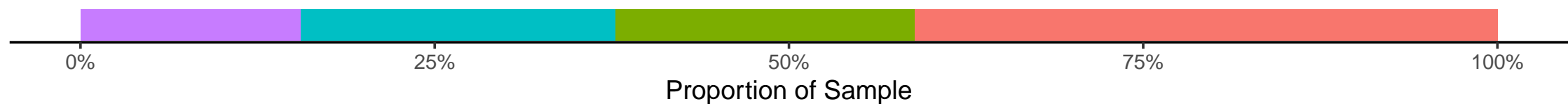
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 90



Distribution of Sample Sizes



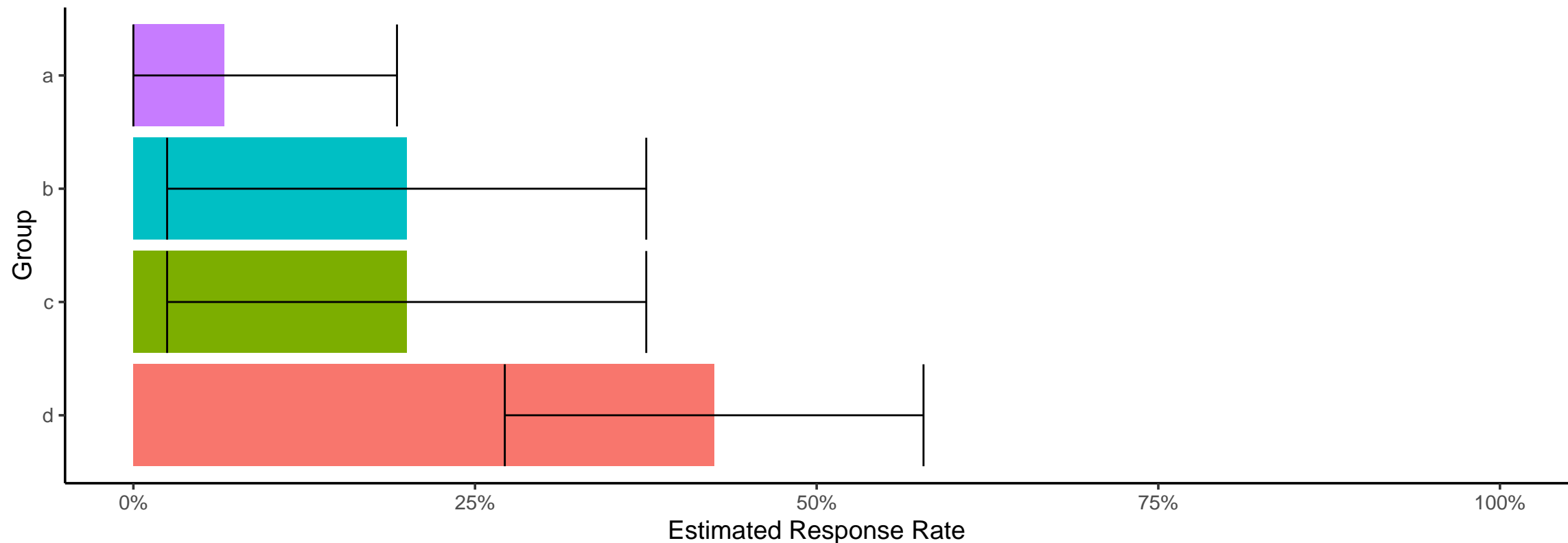
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

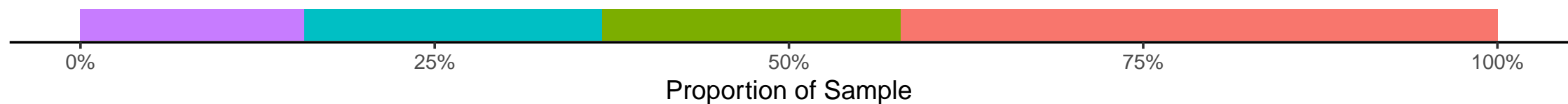
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 95



Distribution of Sample Sizes



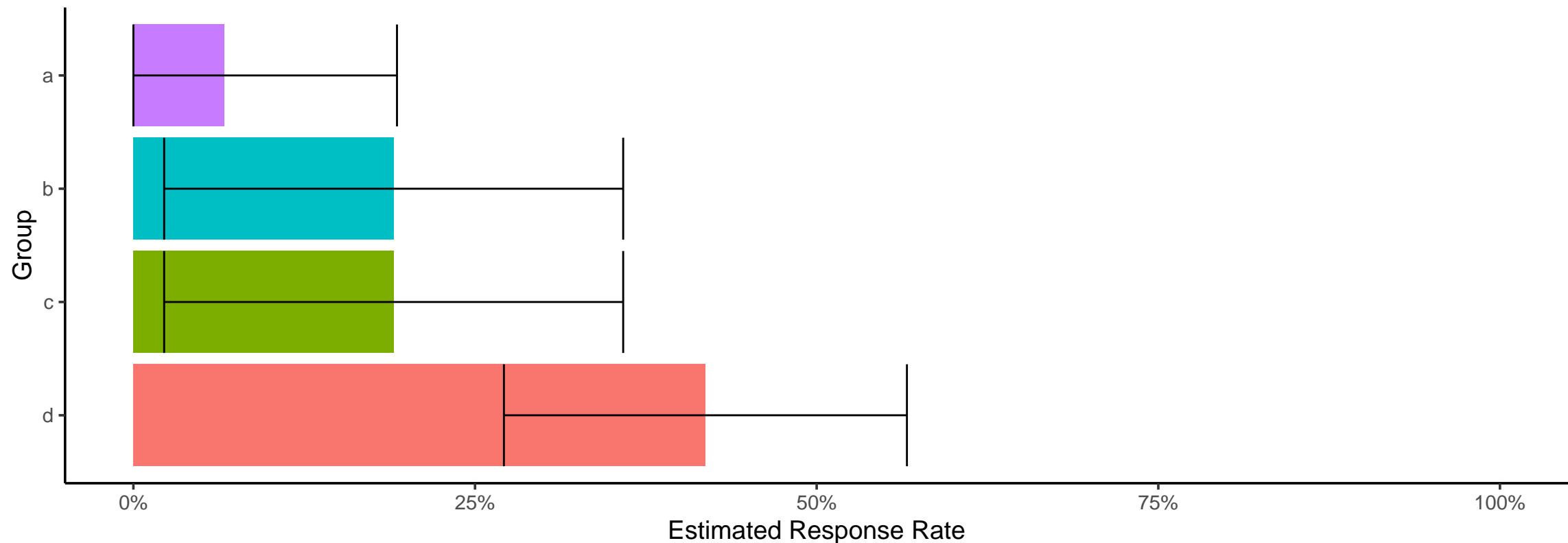
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

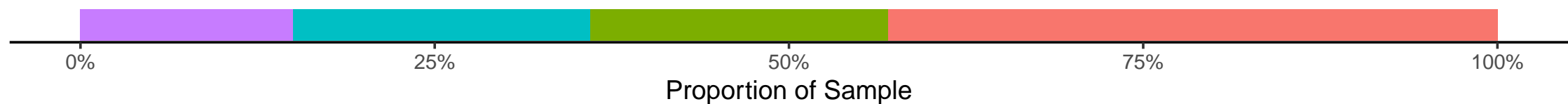
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 100



Distribution of Sample Sizes



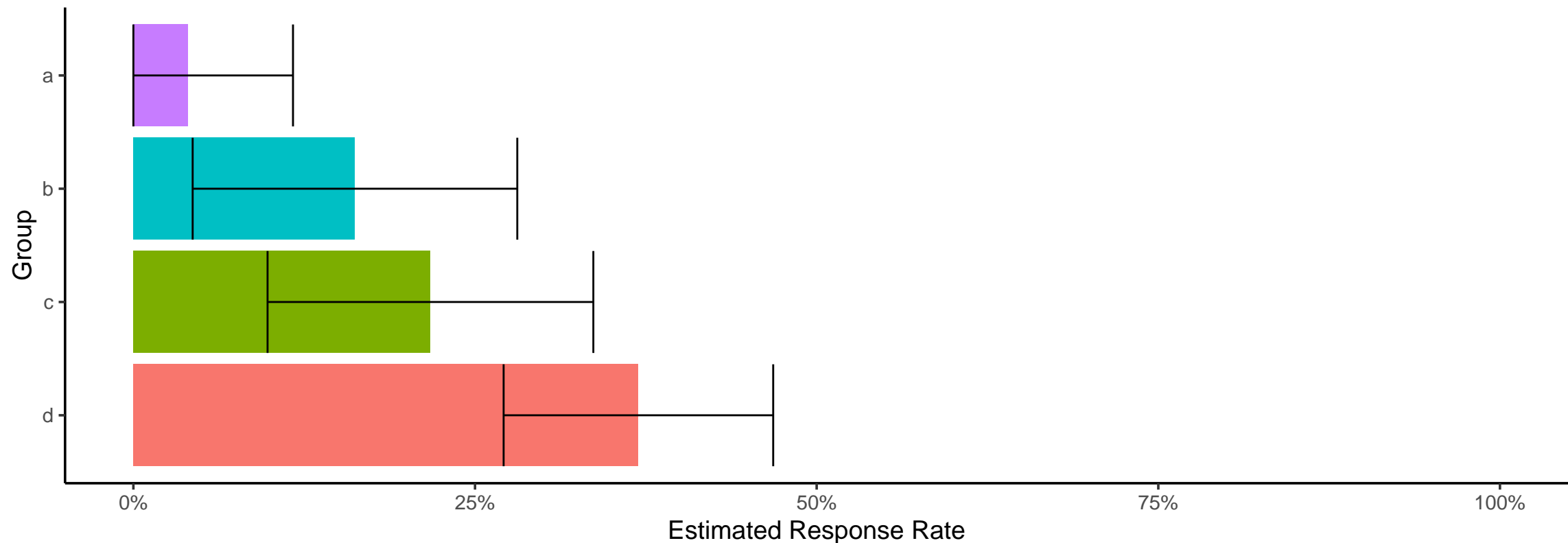
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

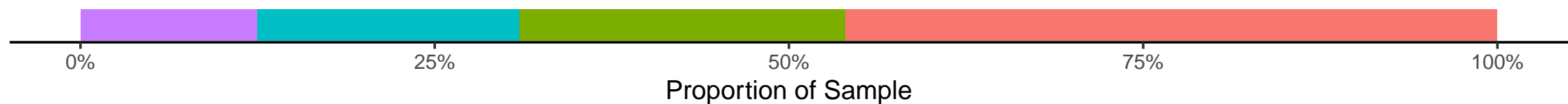
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 200



Distribution of Sample Sizes



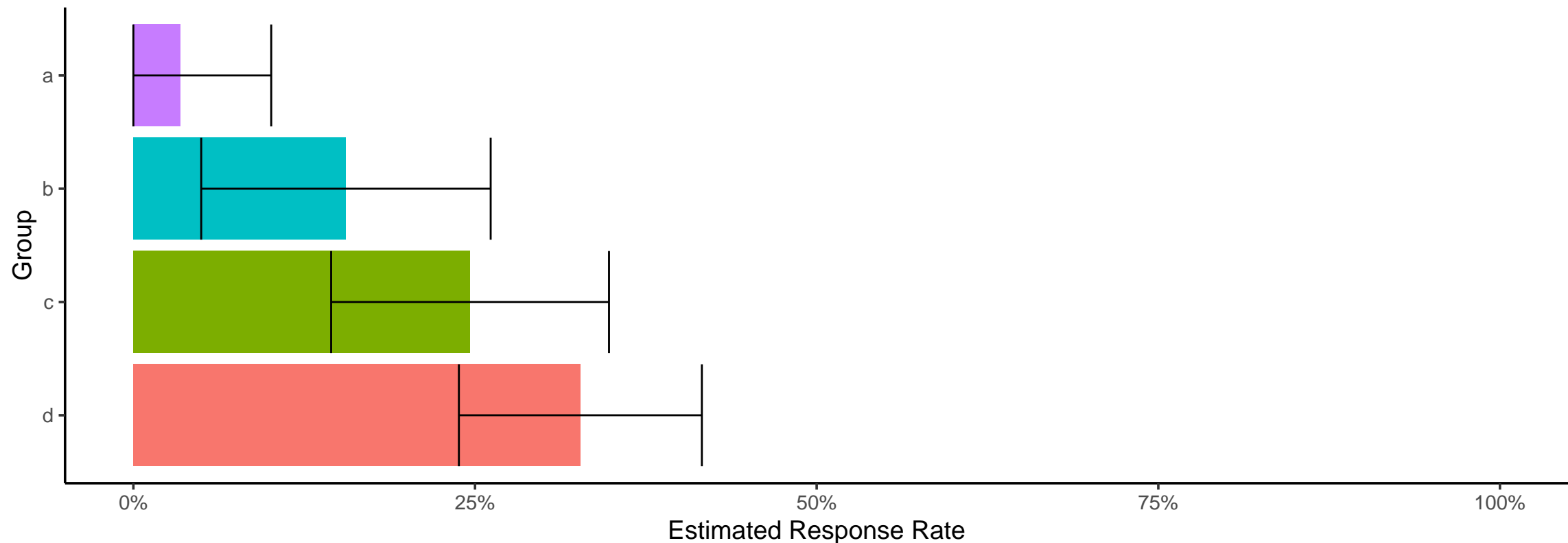
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

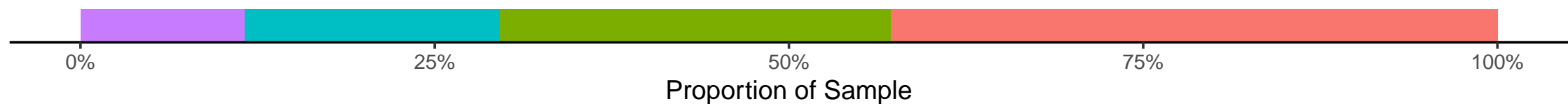
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 250



Distribution of Sample Sizes



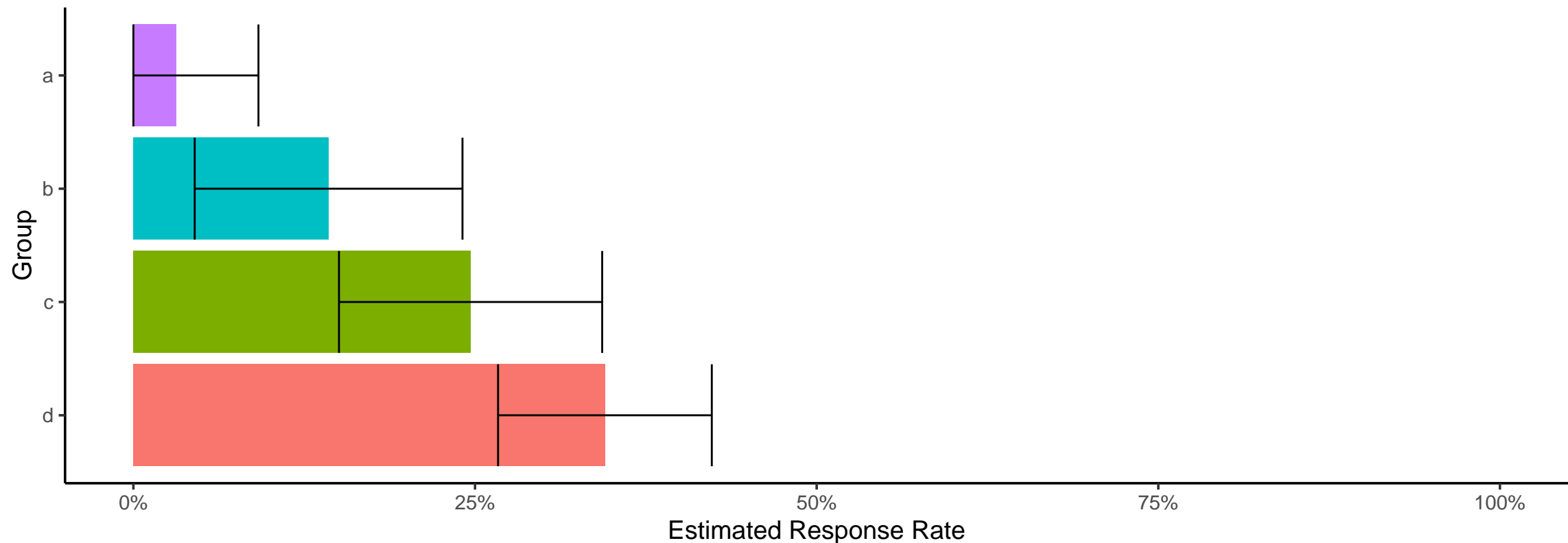
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

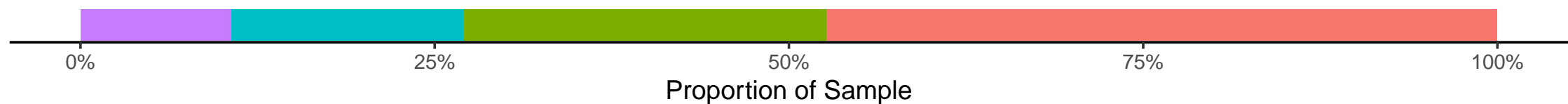
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 300



Distribution of Sample Sizes



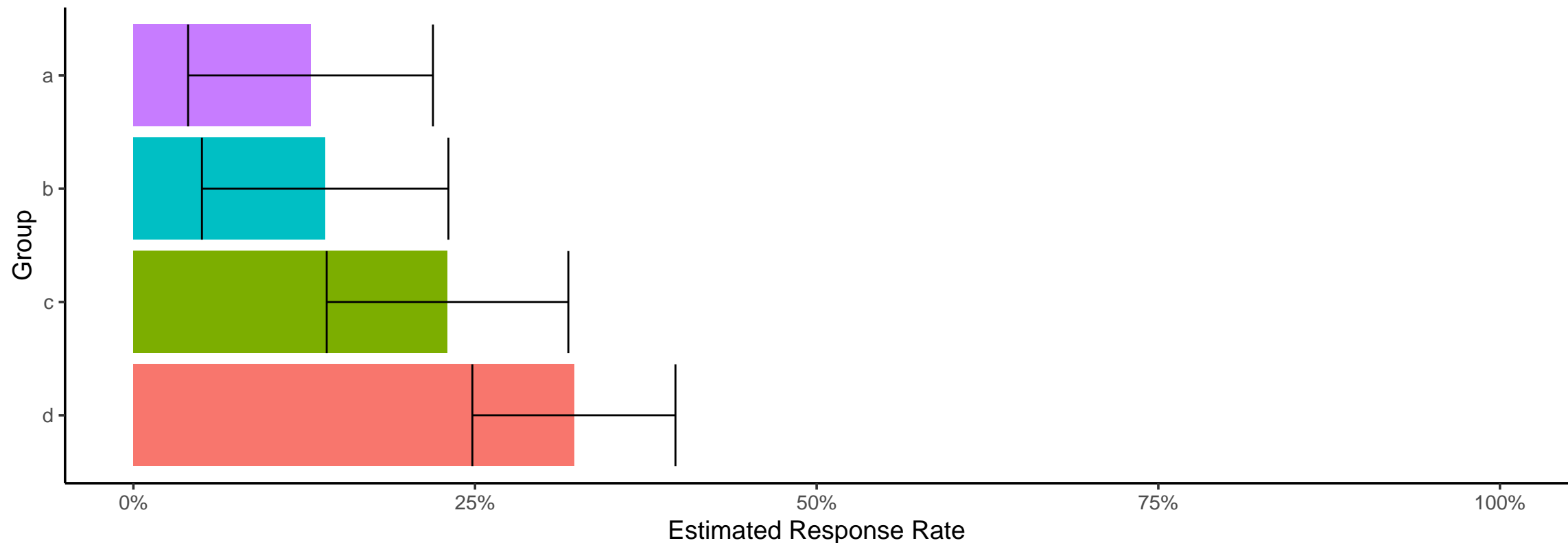
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

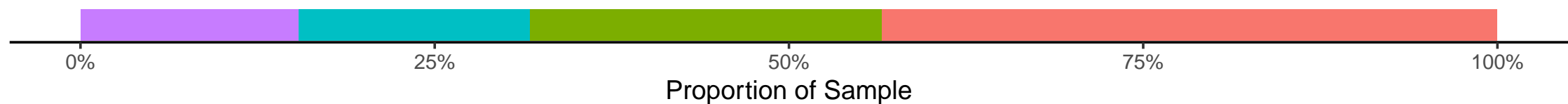
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 350



Distribution of Sample Sizes



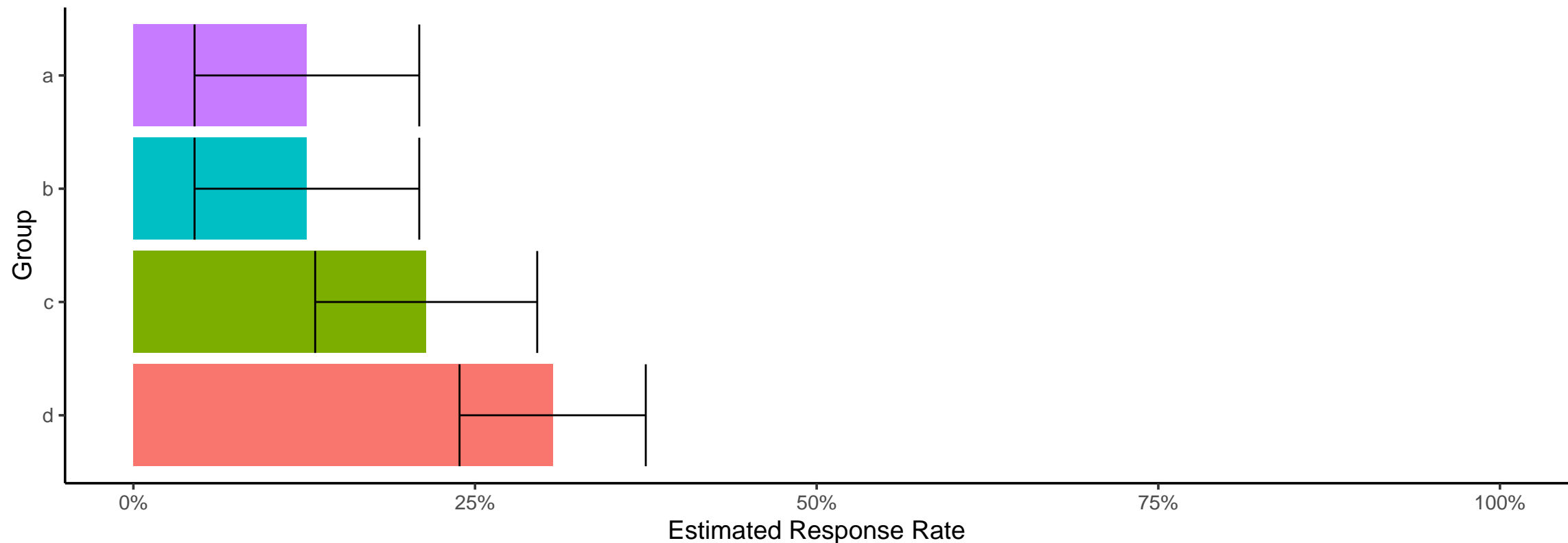
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

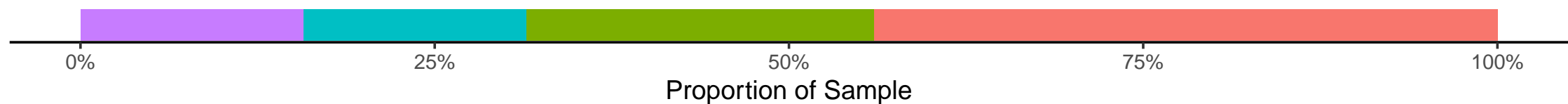
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 400



Distribution of Sample Sizes



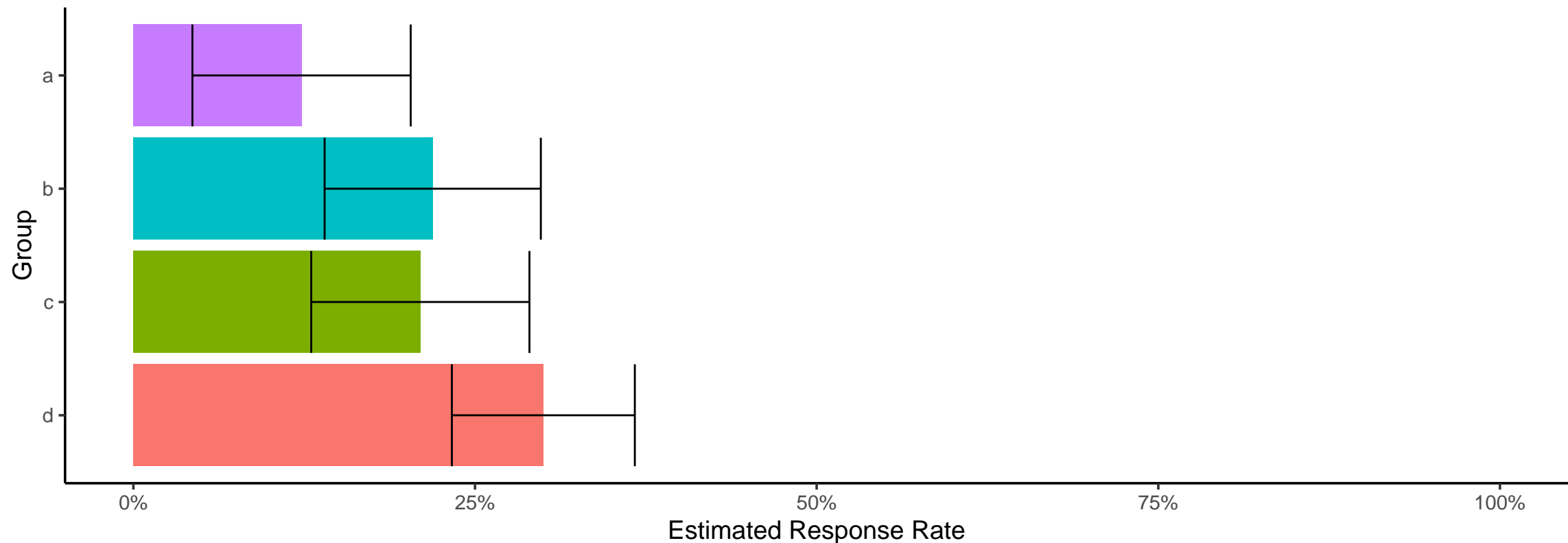
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

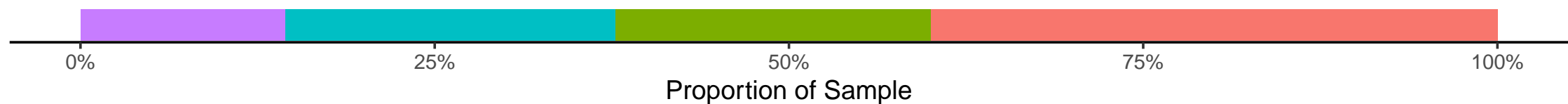
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 450



Distribution of Sample Sizes



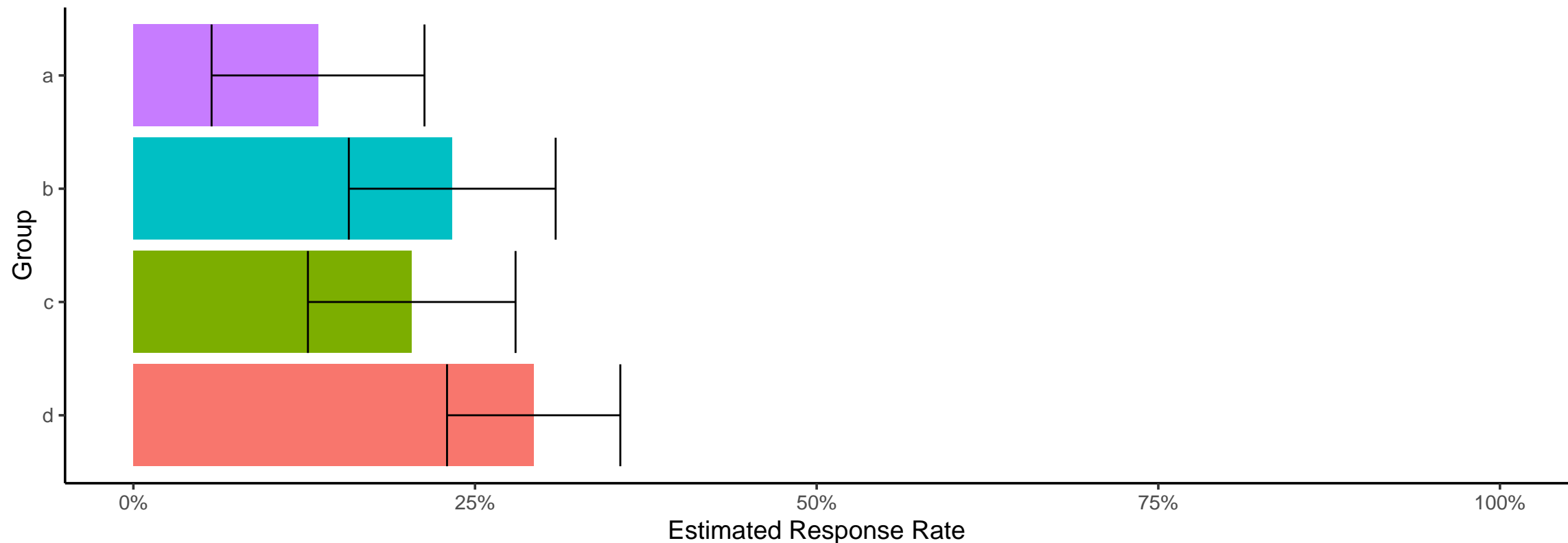
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

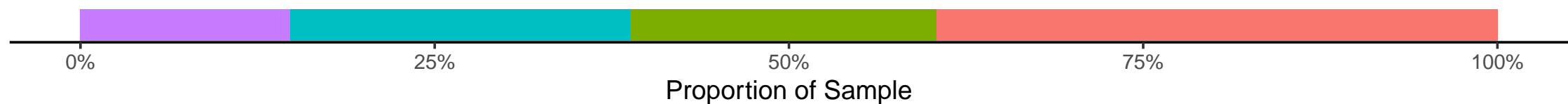
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 500



Distribution of Sample Sizes



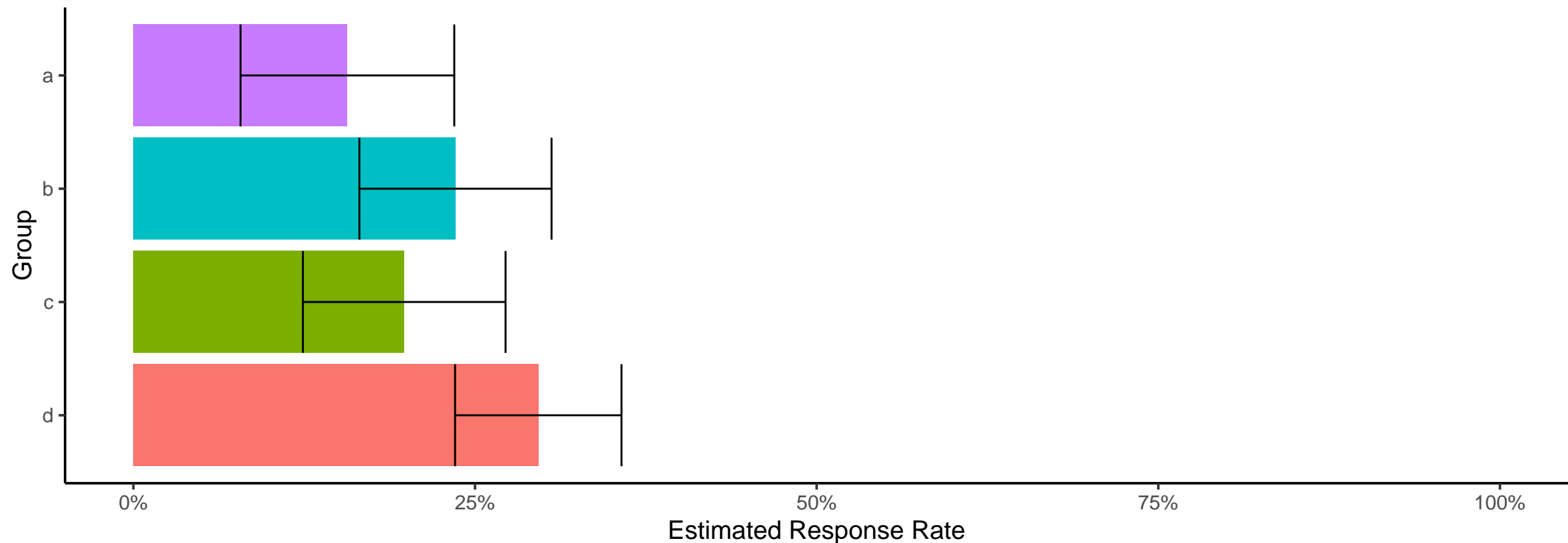
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

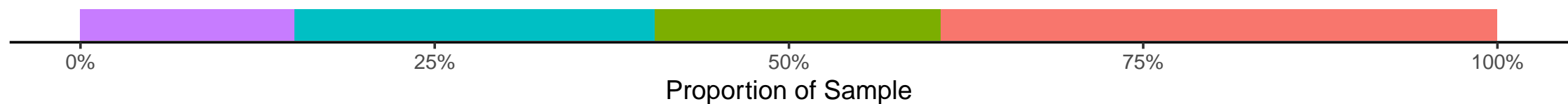
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 550



Distribution of Sample Sizes



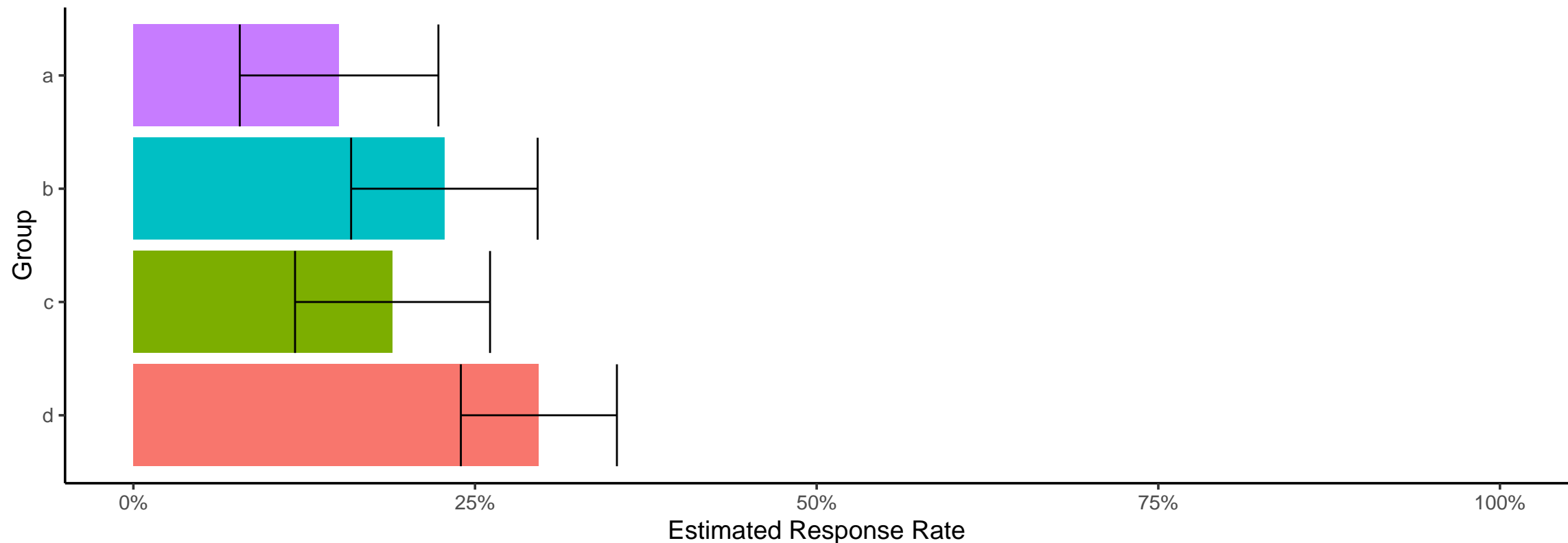
Group ■ a ■ b ■ c ■ d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

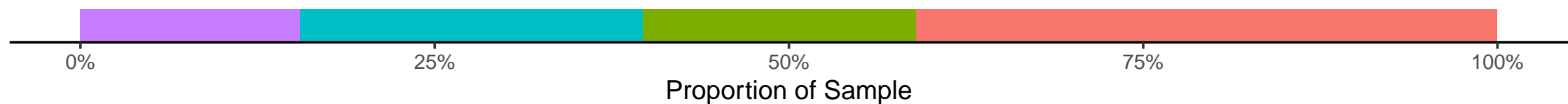
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 600



Distribution of Sample Sizes



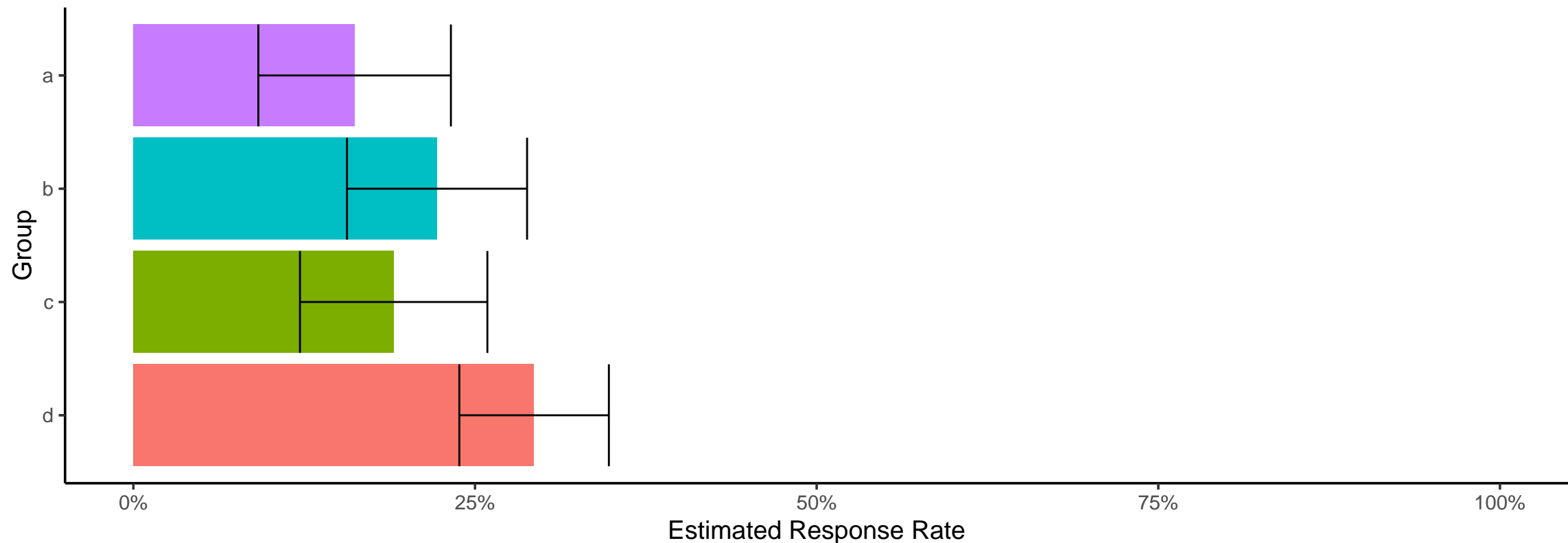
Group ■ a ■ b ■ c ■ d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

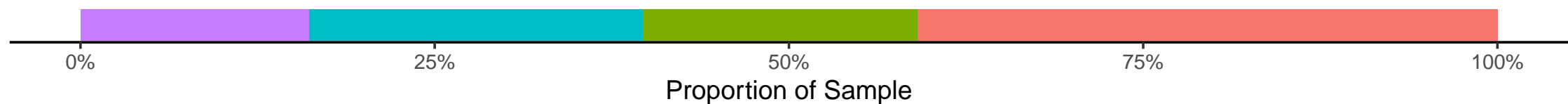
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 650



Distribution of Sample Sizes



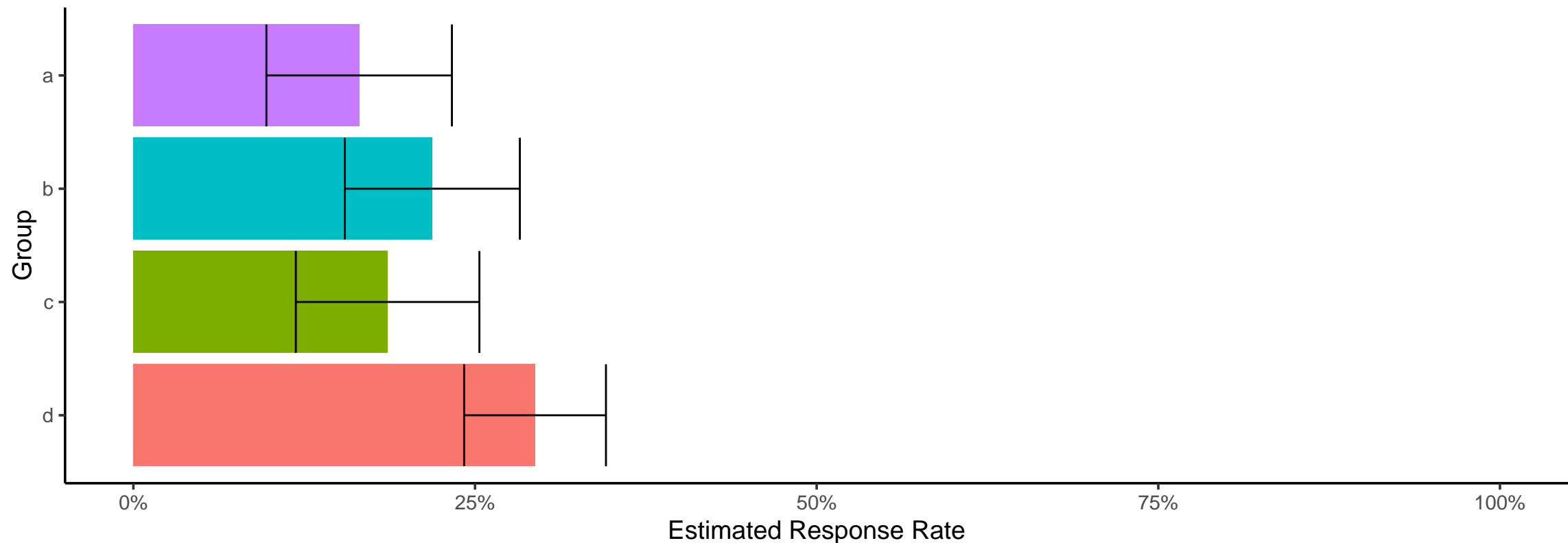
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

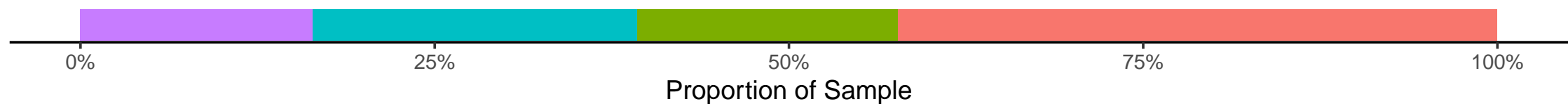
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 700



Distribution of Sample Sizes



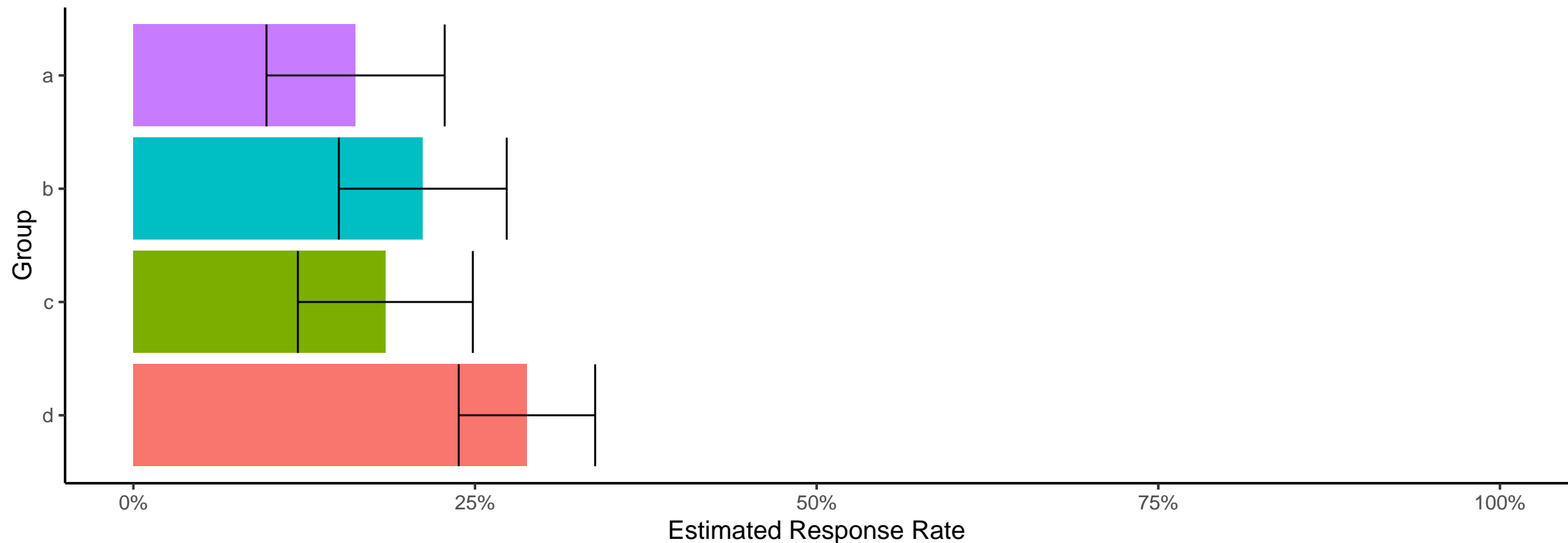
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

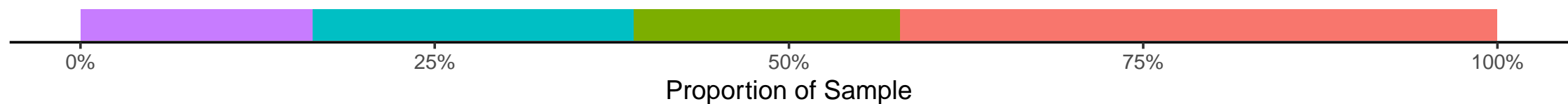
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 750



Distribution of Sample Sizes



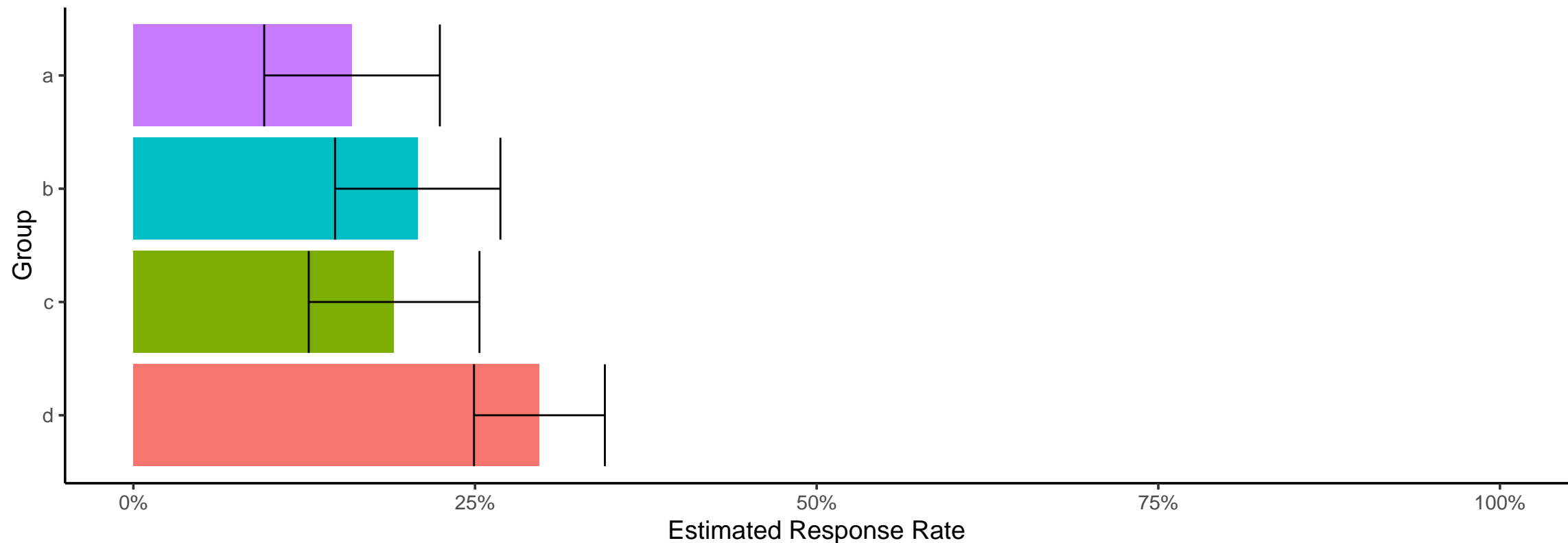
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

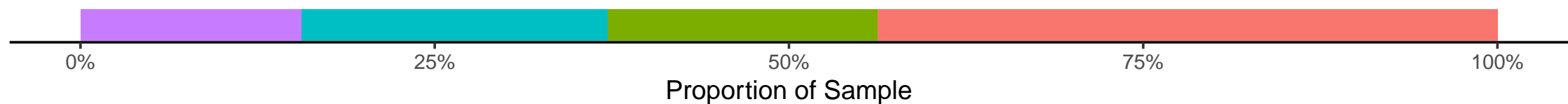
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 800



Distribution of Sample Sizes



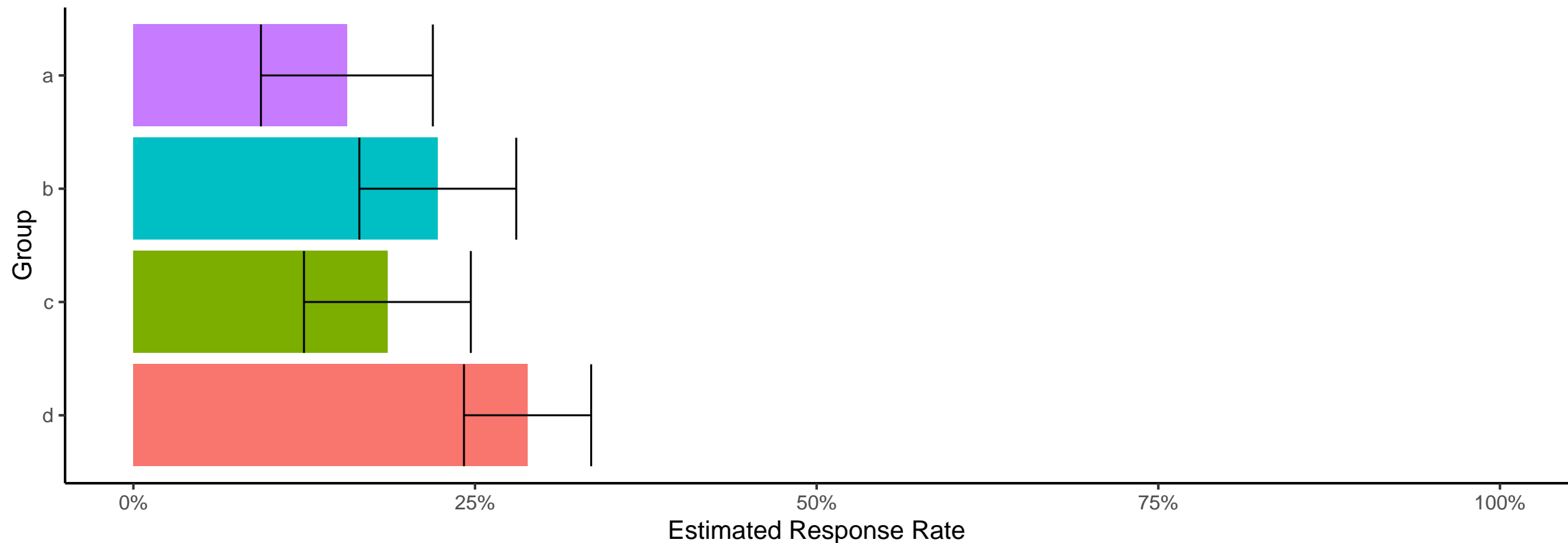
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

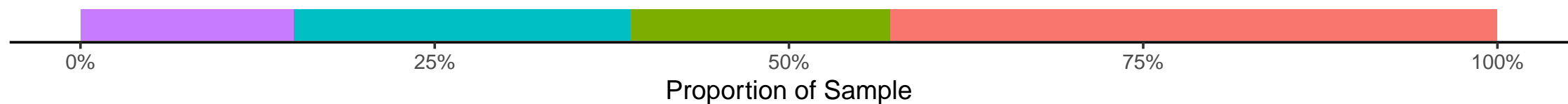
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 850



Distribution of Sample Sizes



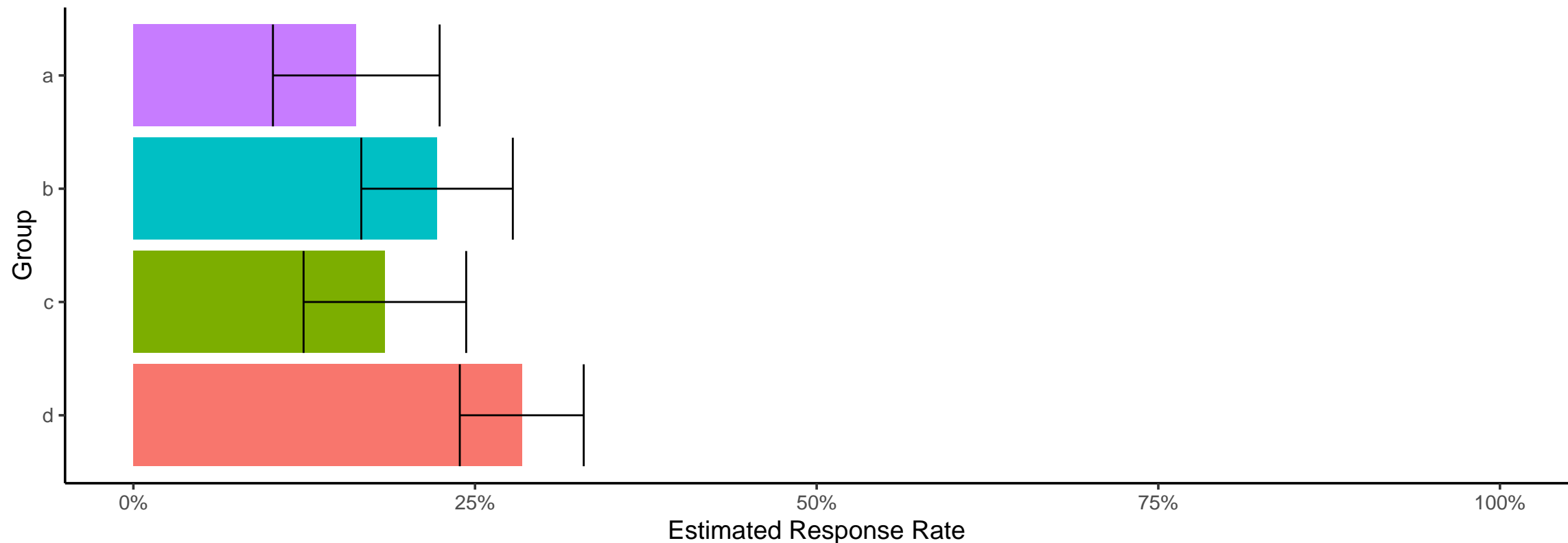
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

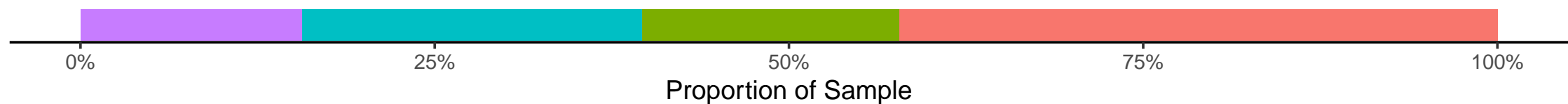
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 900



Distribution of Sample Sizes



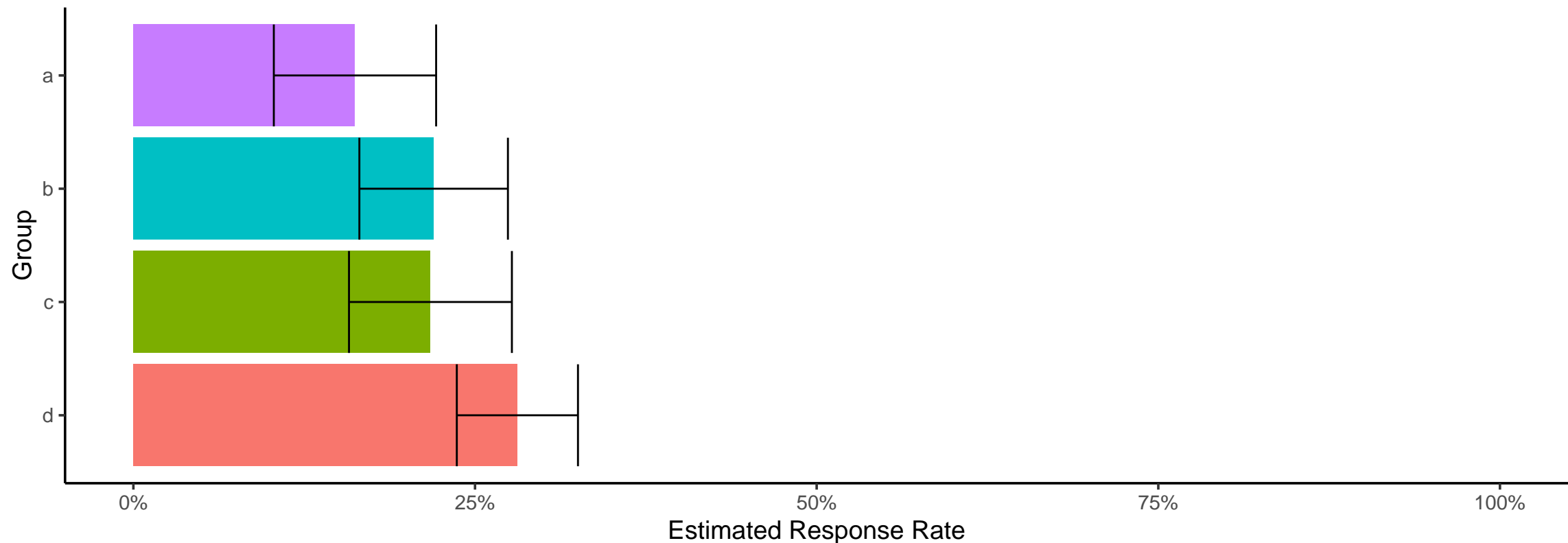
Group ■ a ■ b ■ c ■ d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

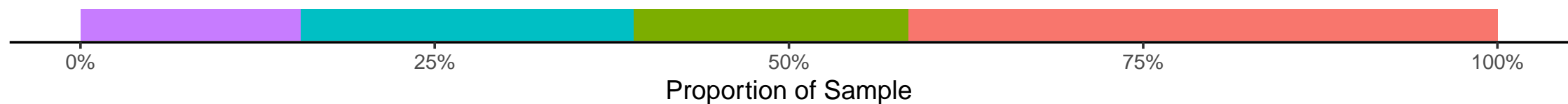
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 950



Distribution of Sample Sizes



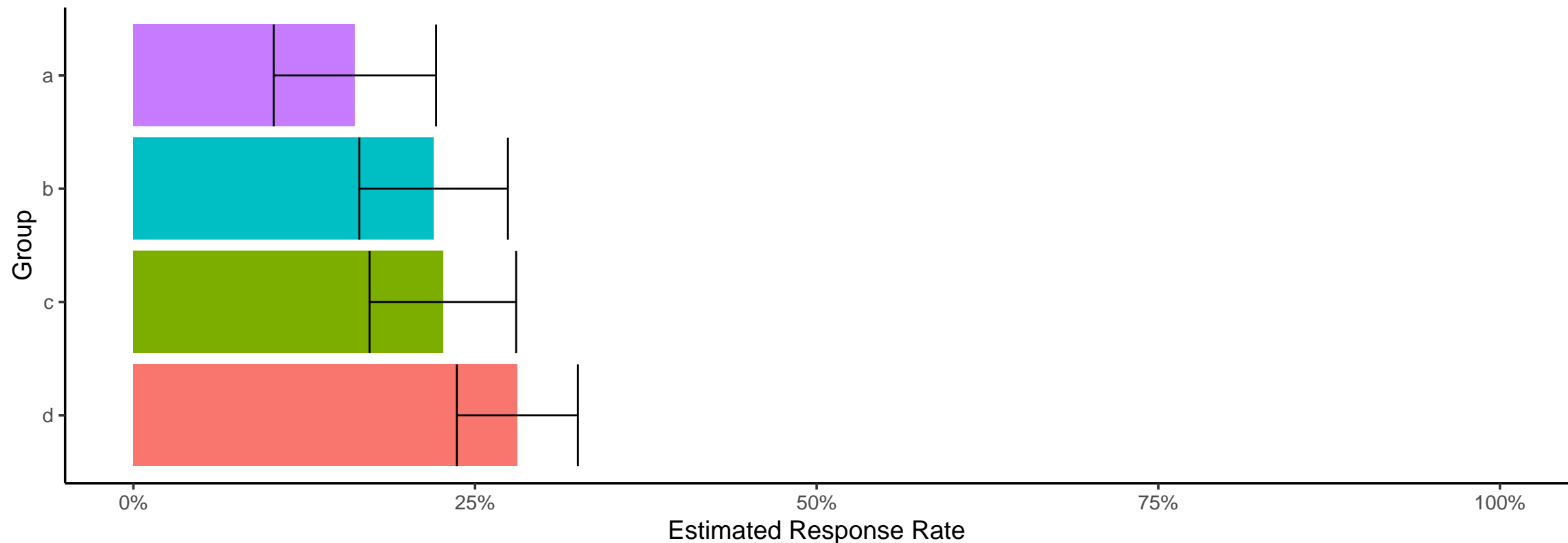
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

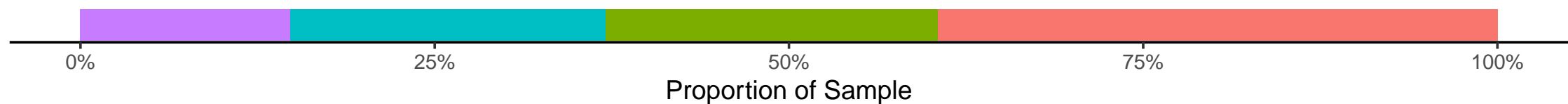
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1000



Distribution of Sample Sizes



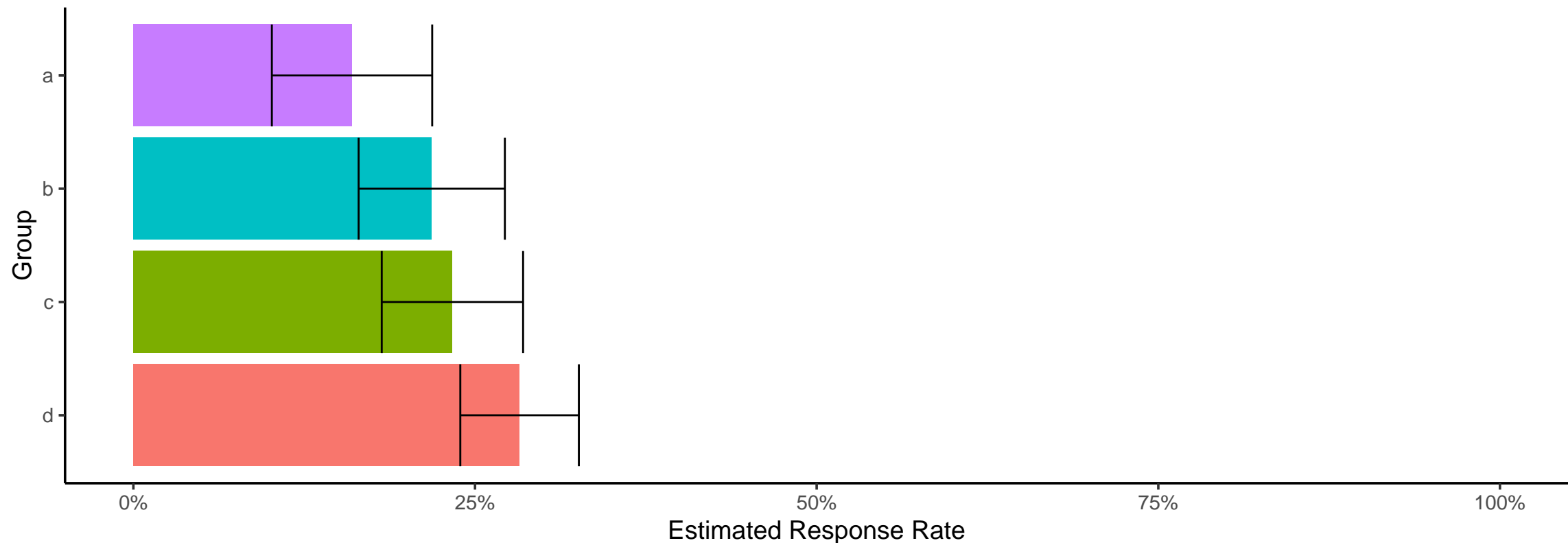
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

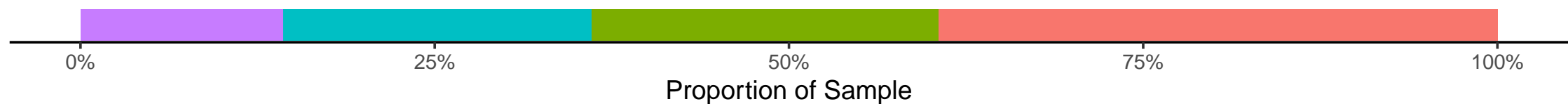
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1050



Distribution of Sample Sizes



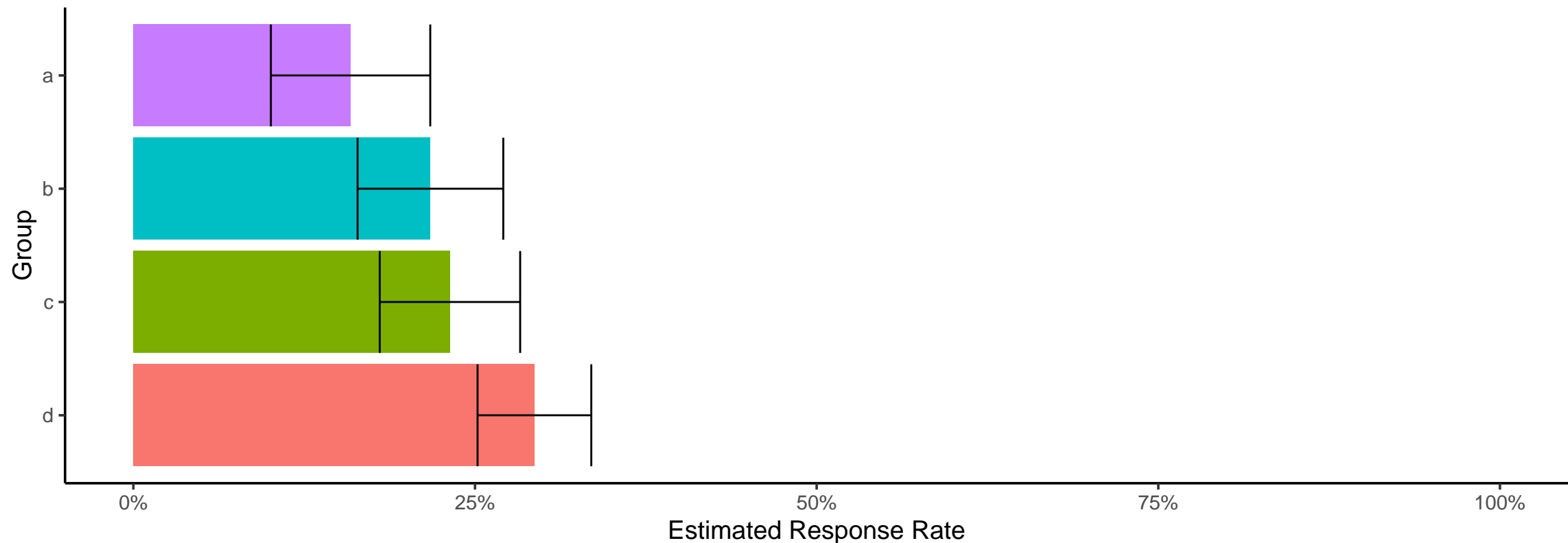
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

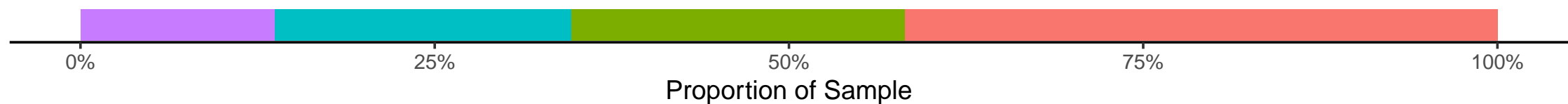
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1100



Distribution of Sample Sizes



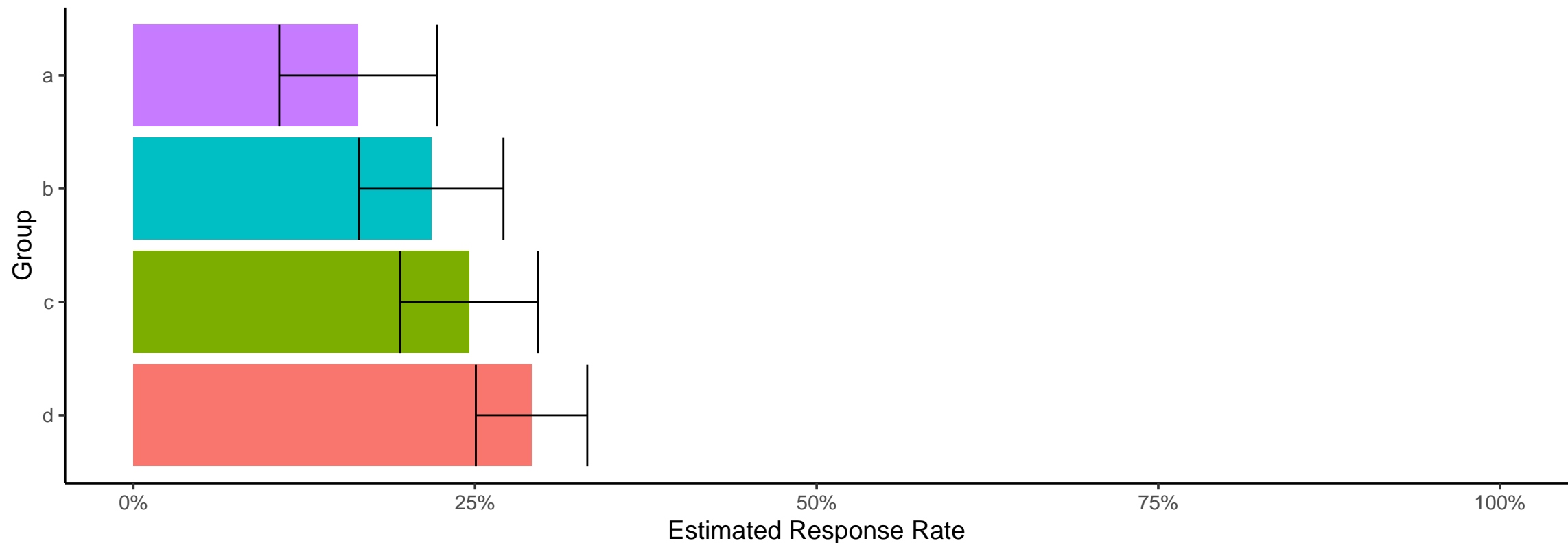
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

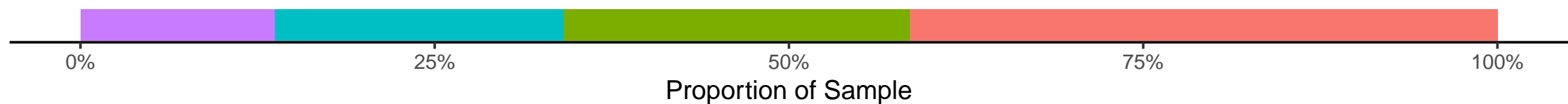
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1150



Distribution of Sample Sizes



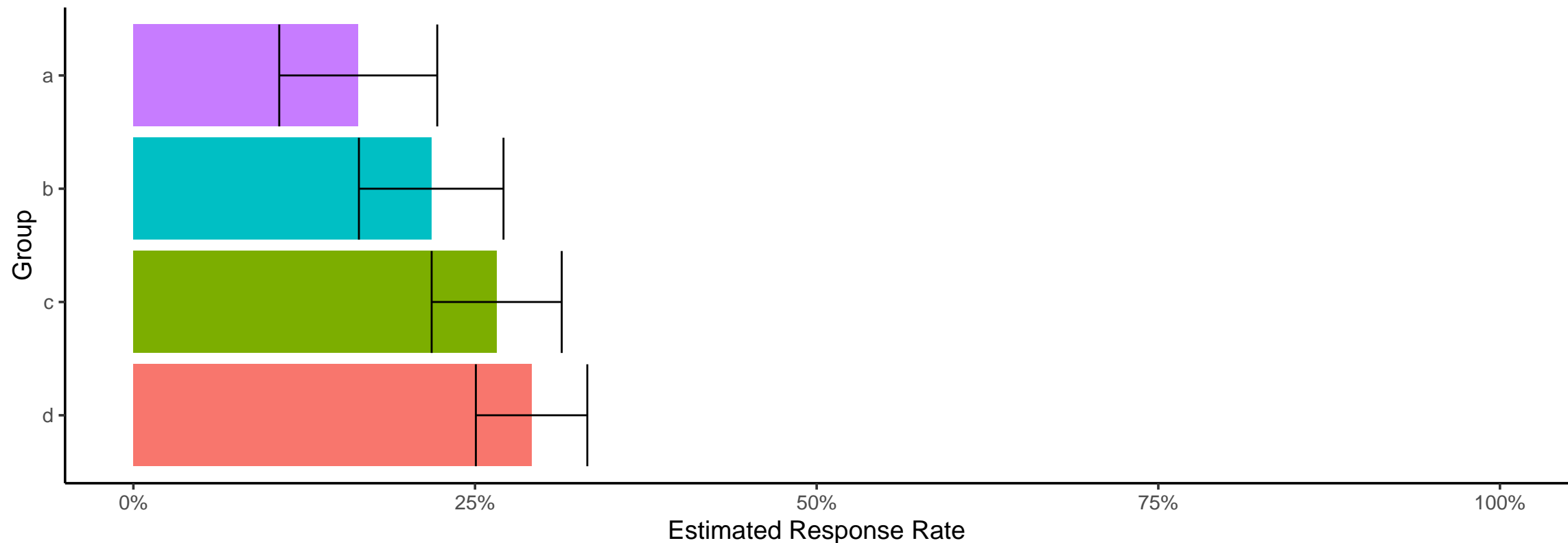
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

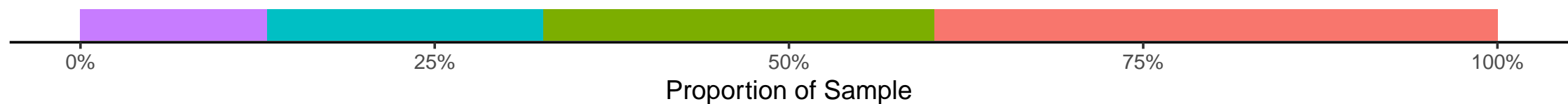
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1200



Distribution of Sample Sizes



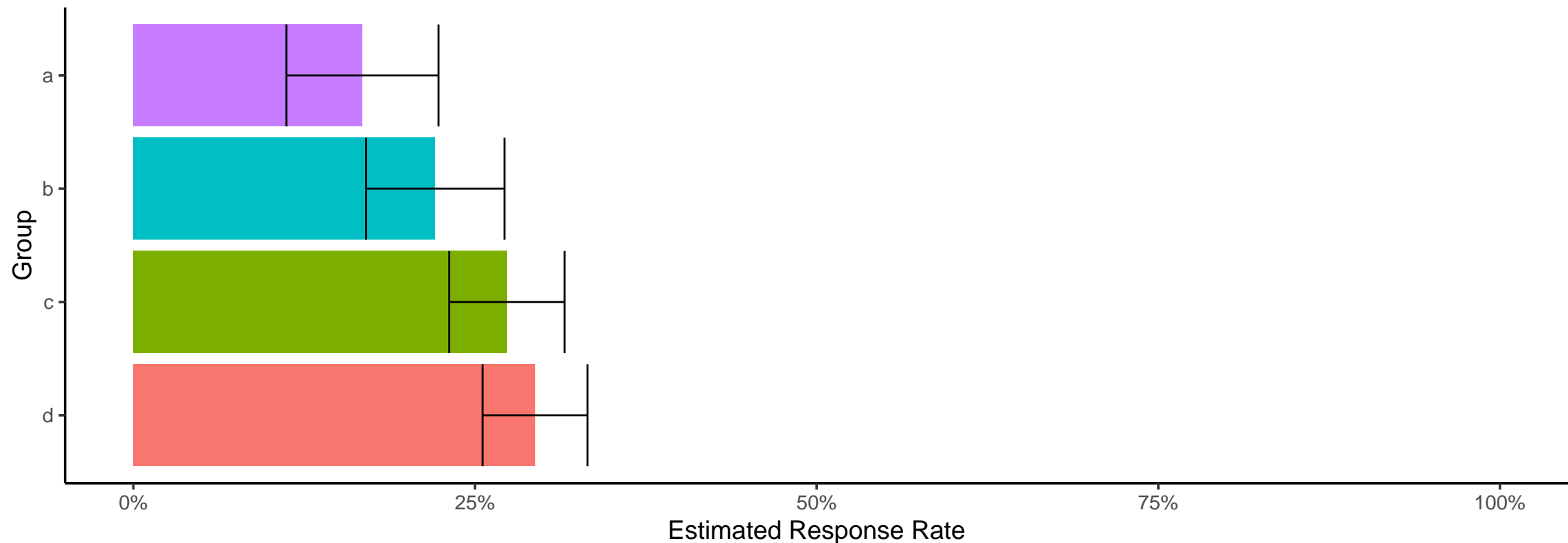
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

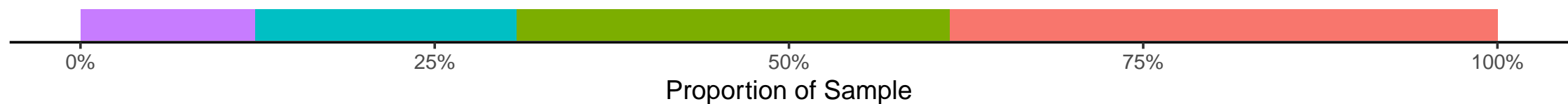
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1400



Distribution of Sample Sizes



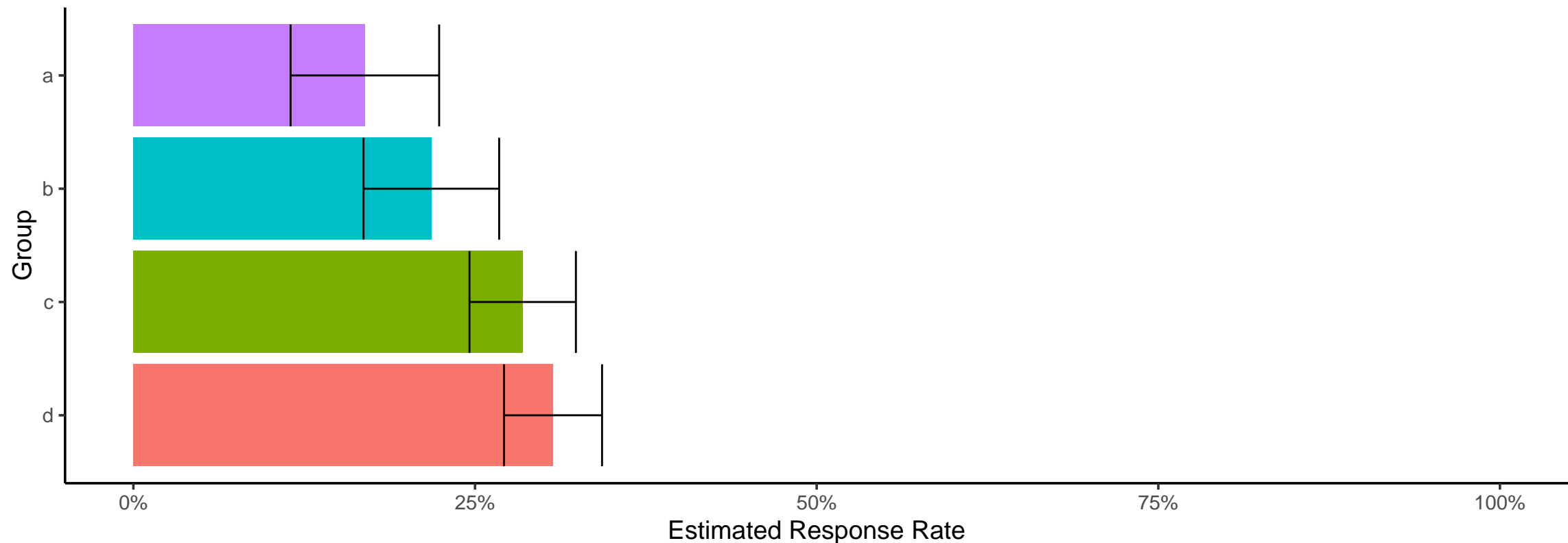
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

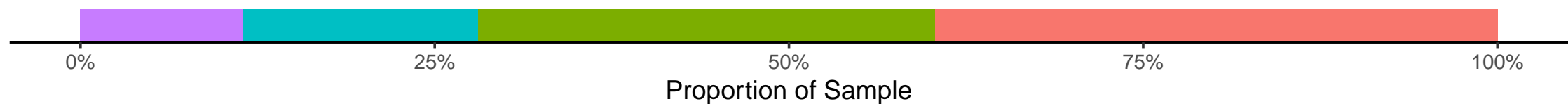
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1600



Distribution of Sample Sizes



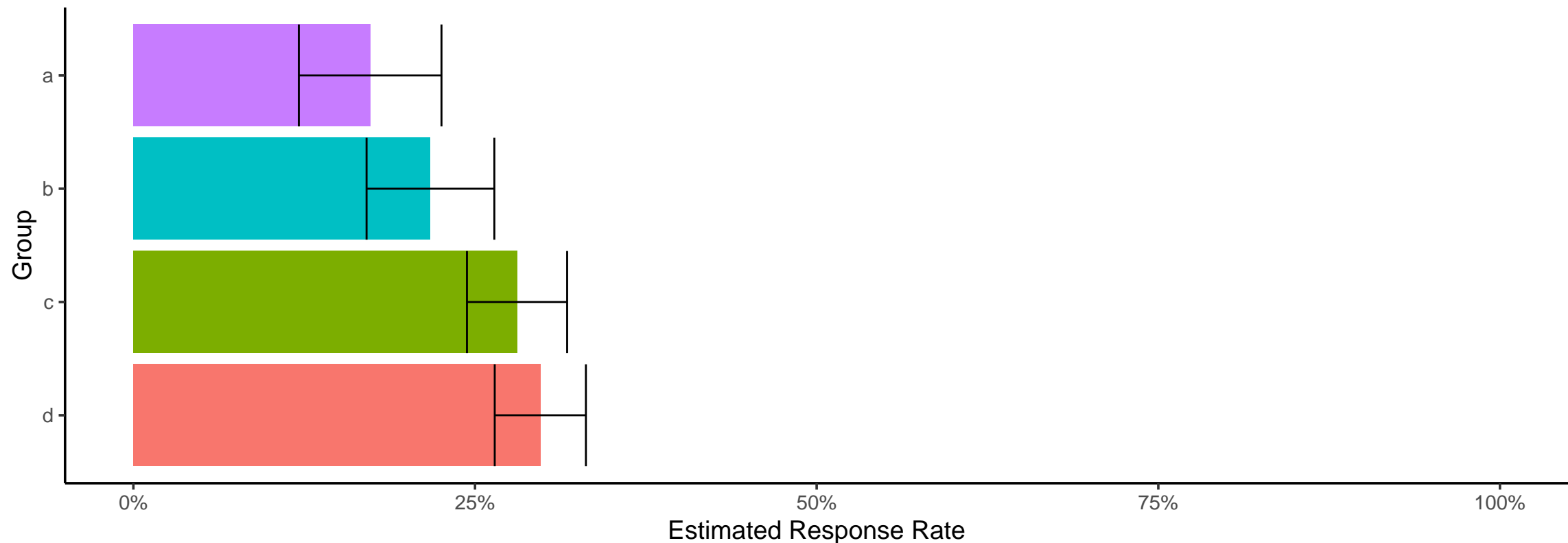
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

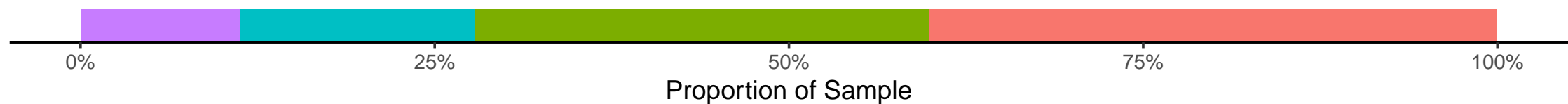
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 1800



Distribution of Sample Sizes



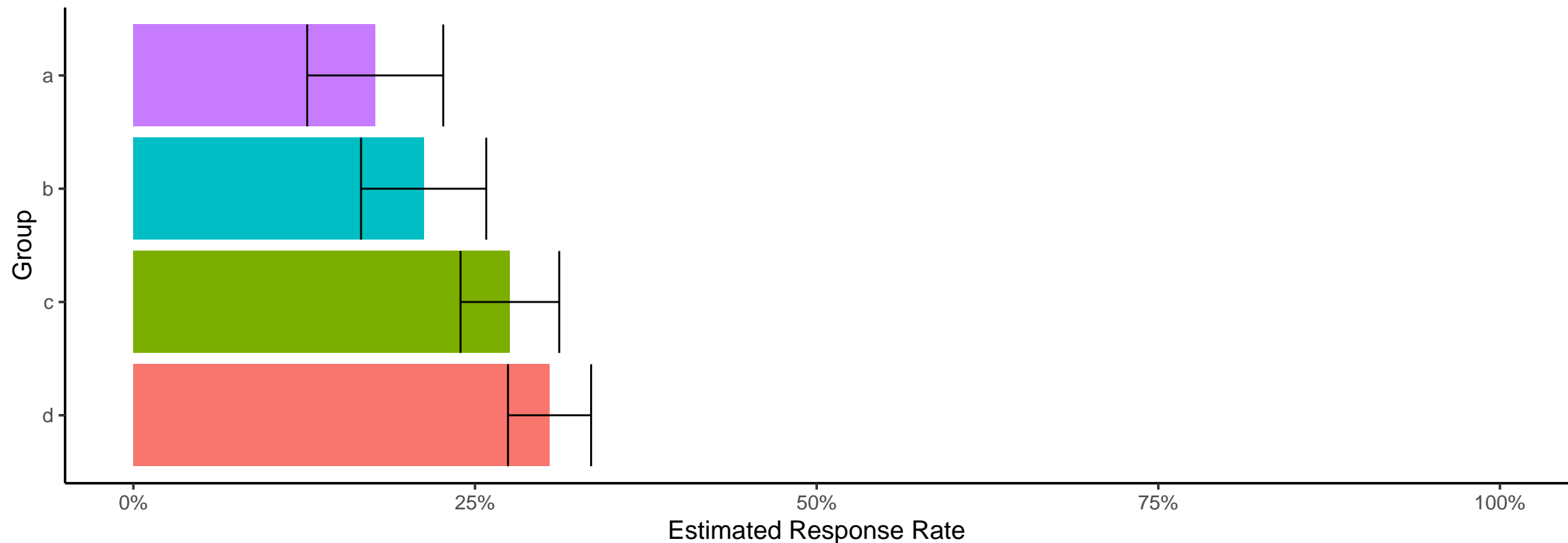
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

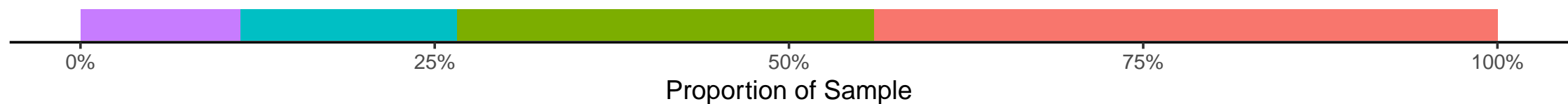
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 2000



Distribution of Sample Sizes



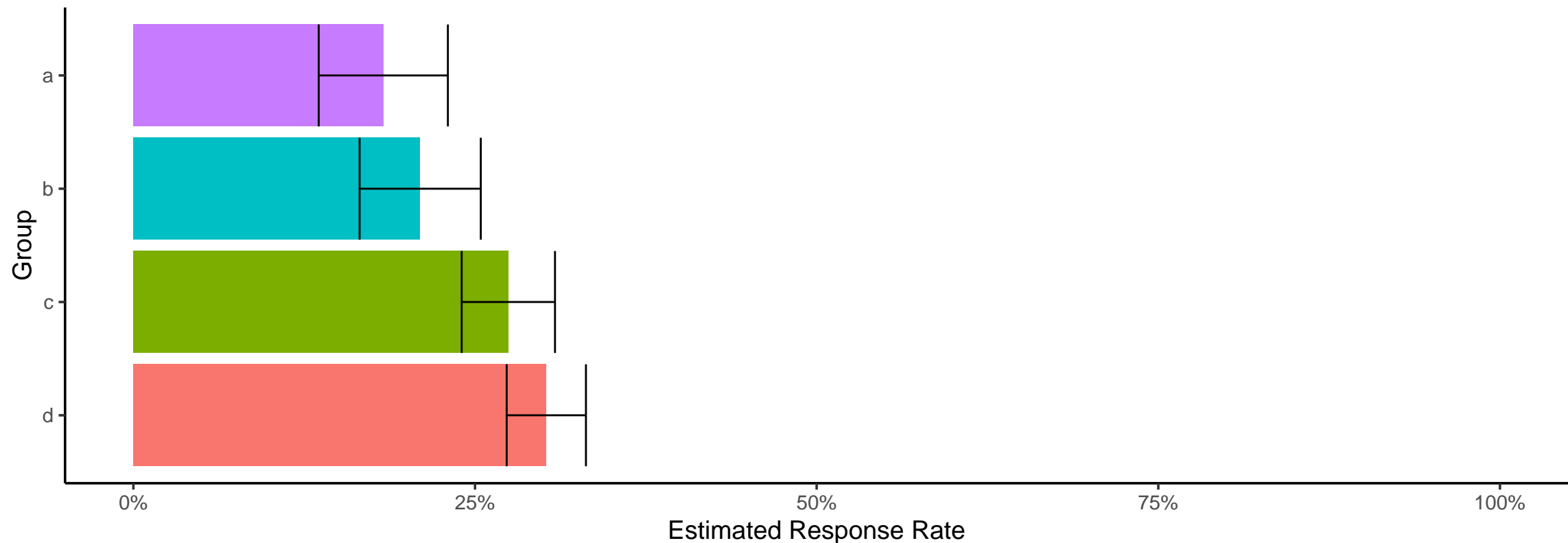
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

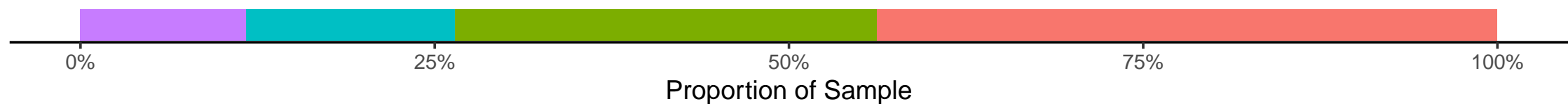
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 2200



Distribution of Sample Sizes



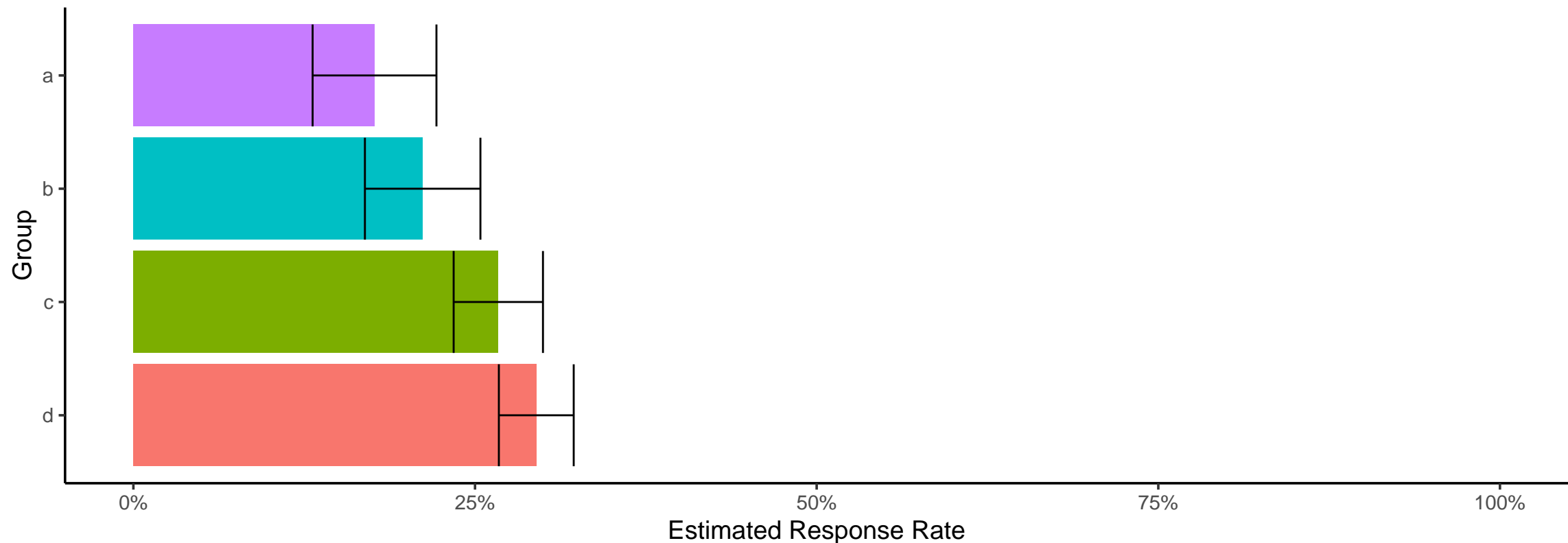
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

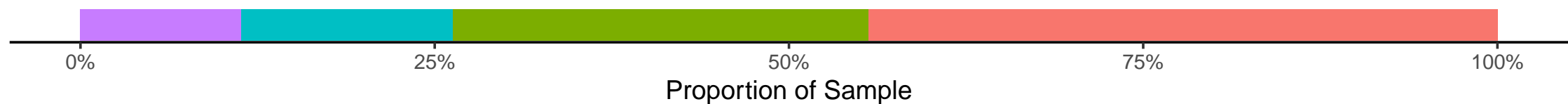
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 2400



Distribution of Sample Sizes



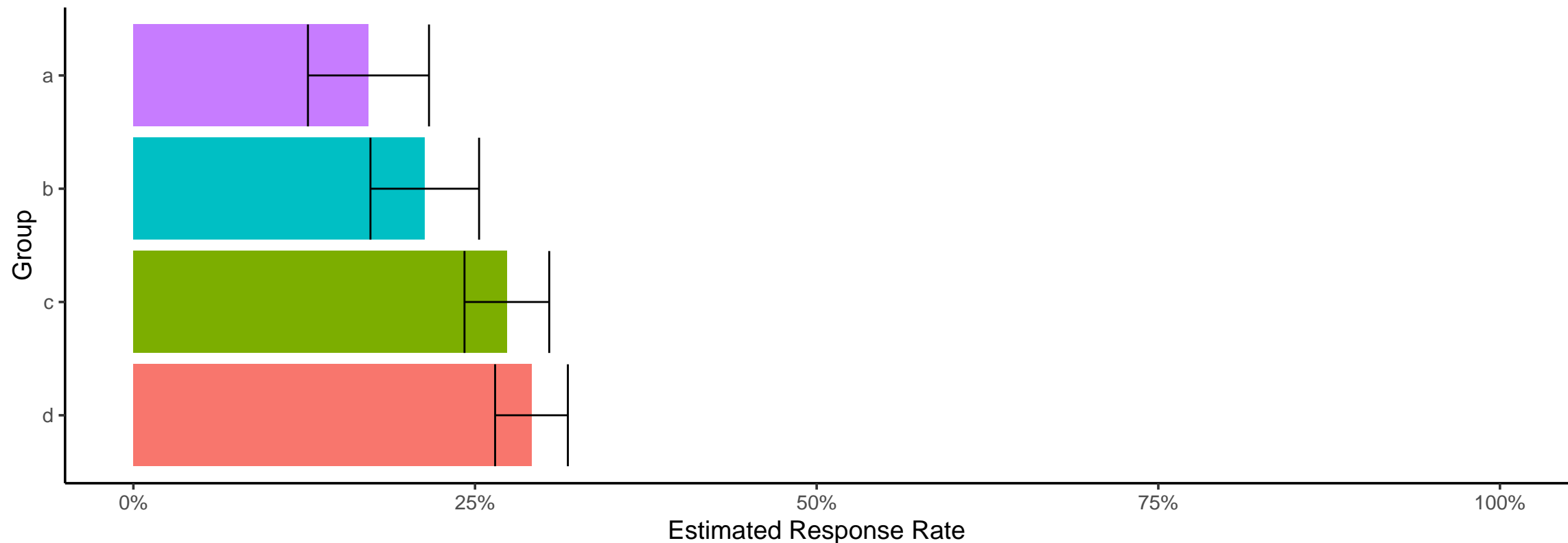
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

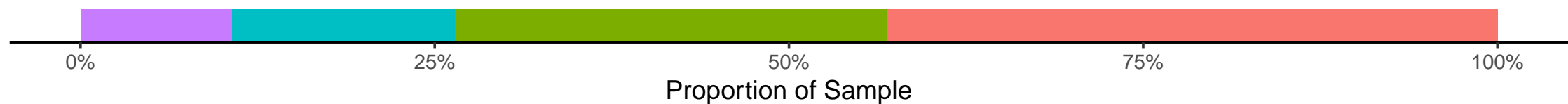
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 2600



Distribution of Sample Sizes



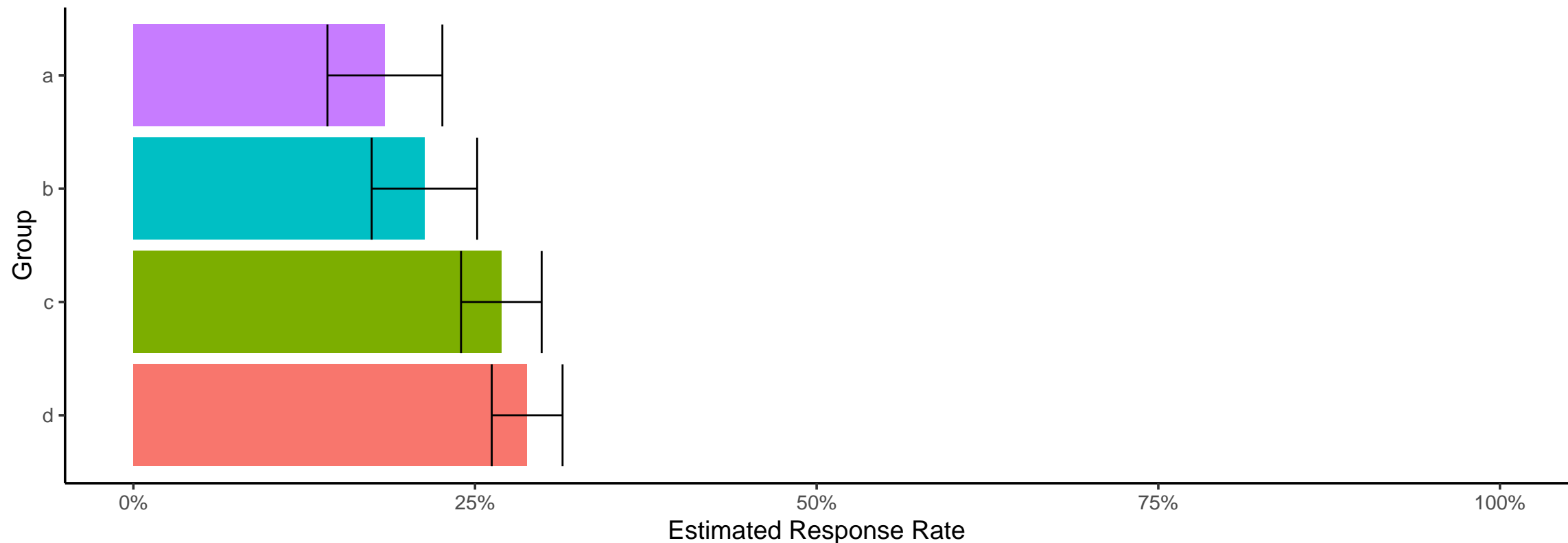
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

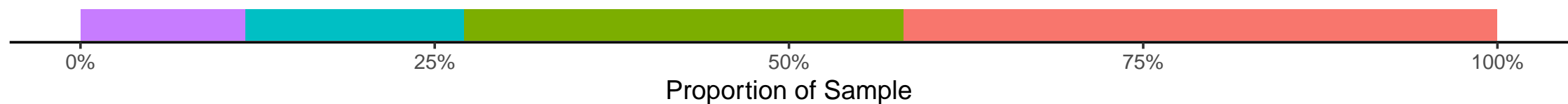
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 2800



Distribution of Sample Sizes



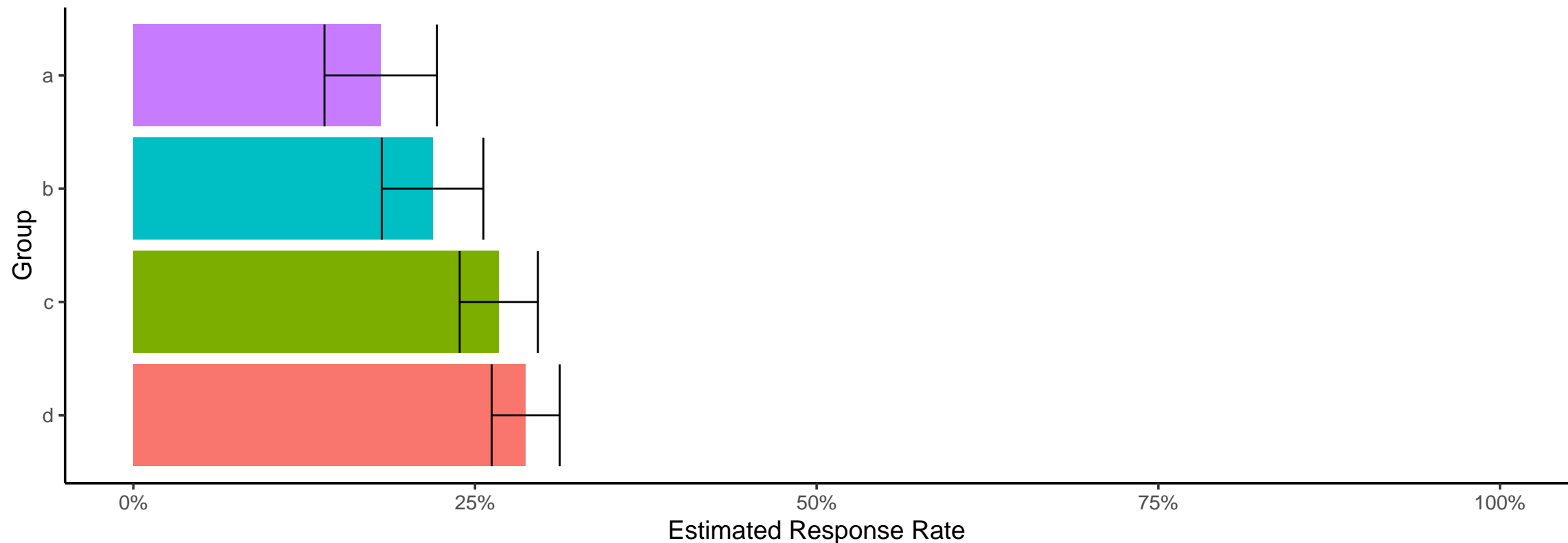
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

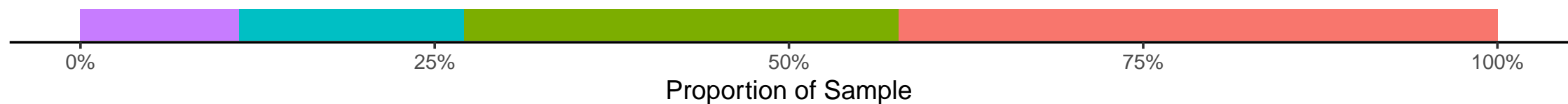
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 3000



Distribution of Sample Sizes



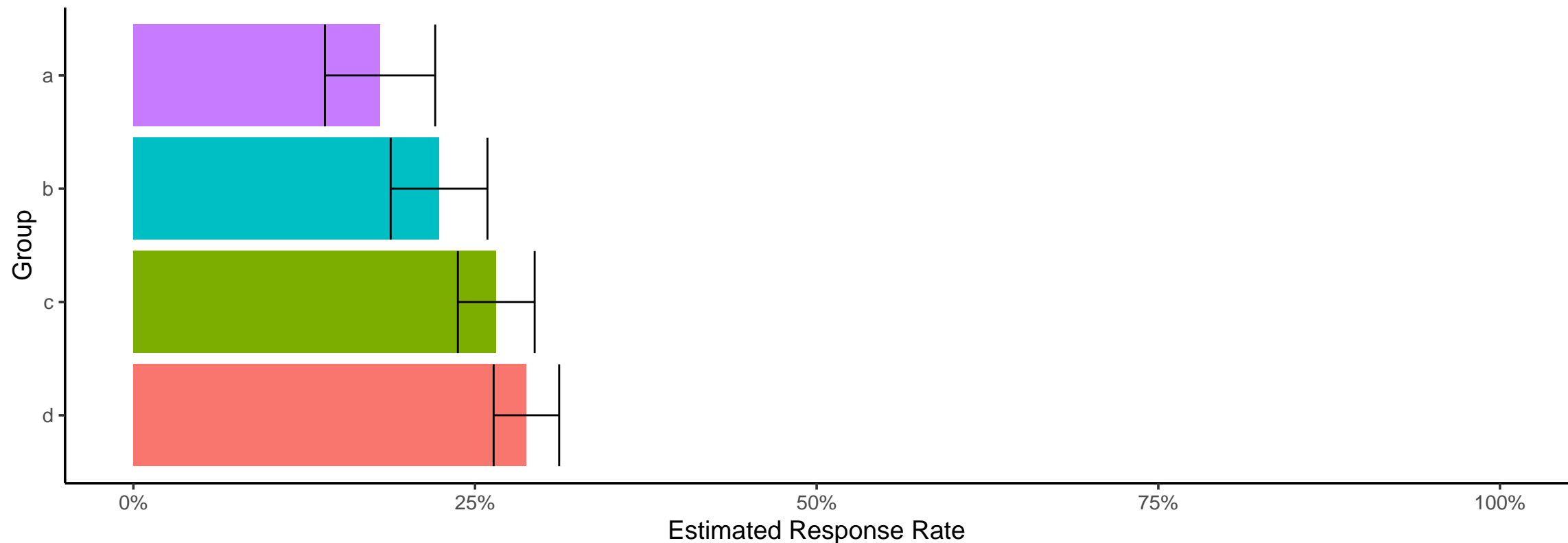
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

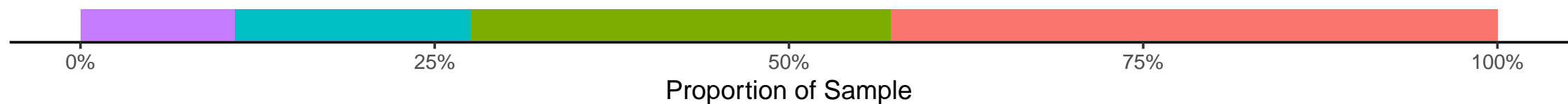
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 3200



Distribution of Sample Sizes



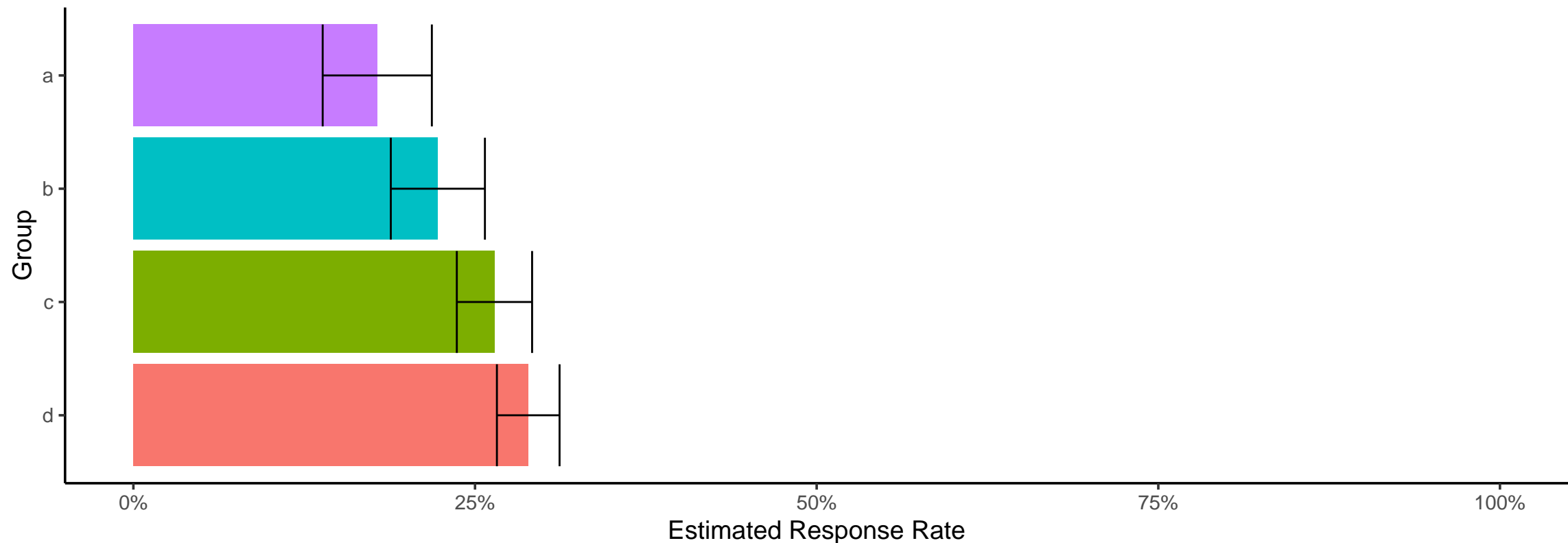
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

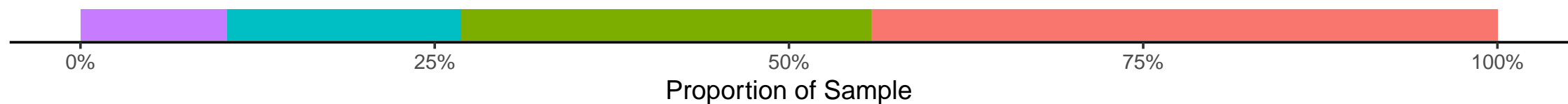
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 3400



Distribution of Sample Sizes



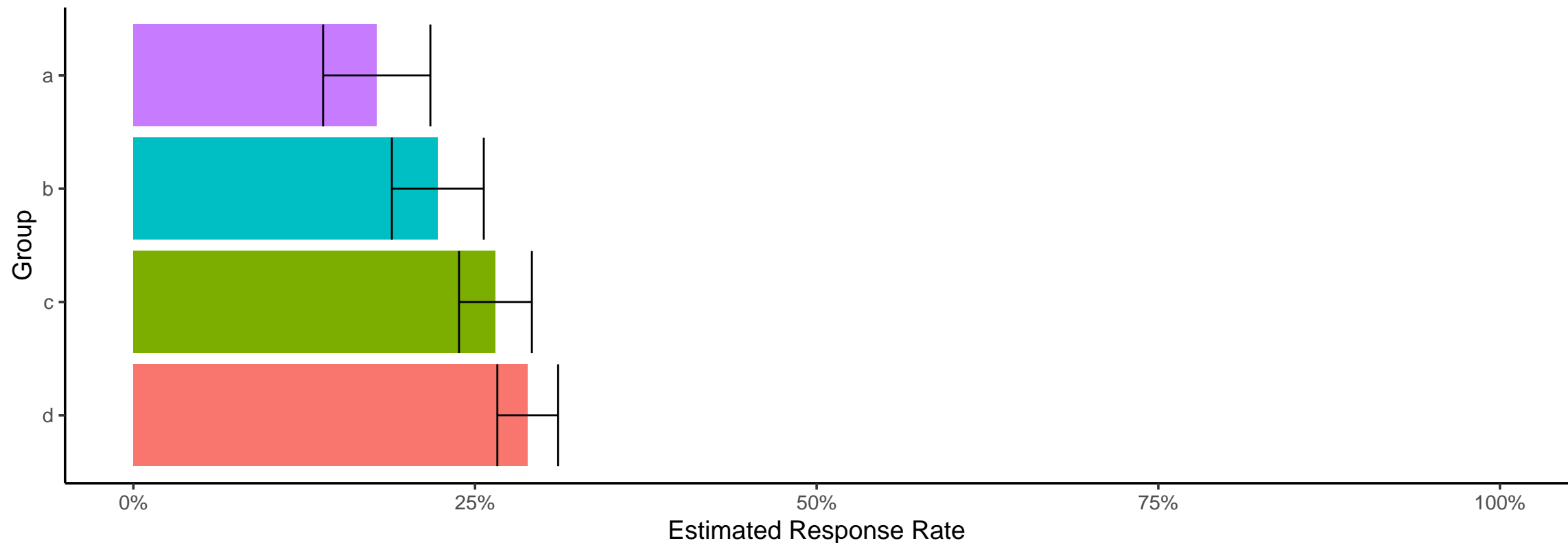
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

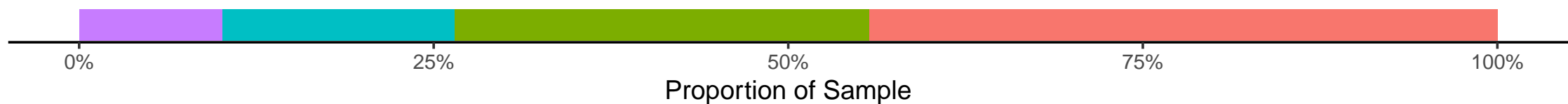
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 3600



Distribution of Sample Sizes



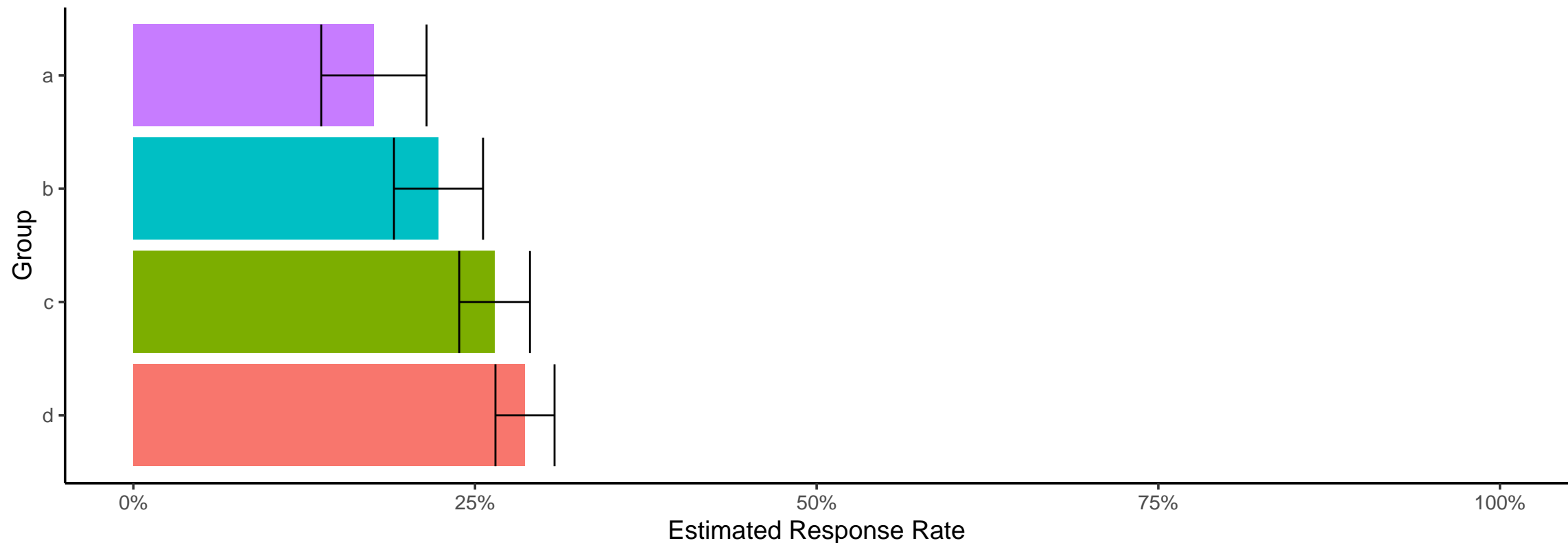
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

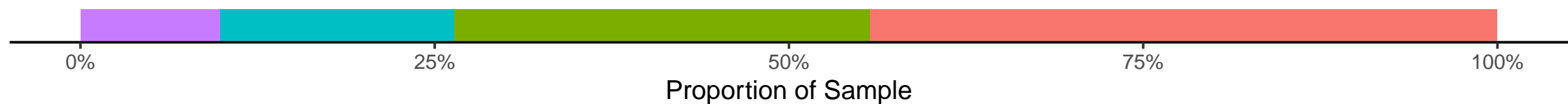
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 3800



Distribution of Sample Sizes



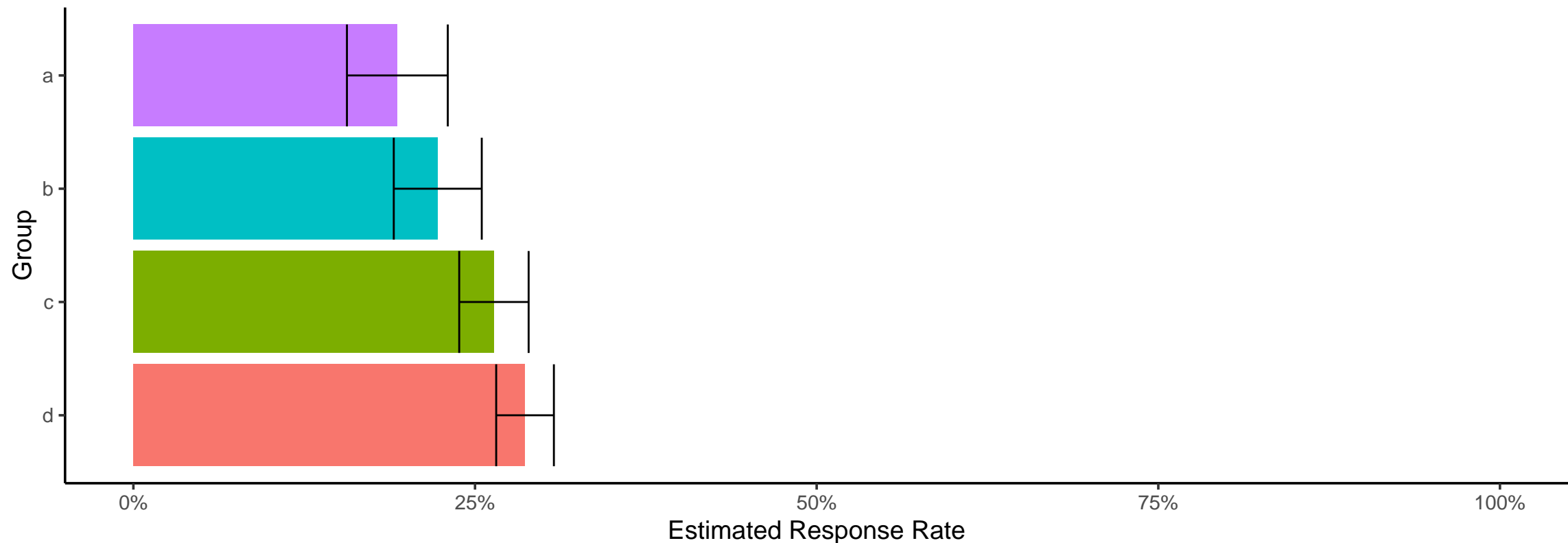
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

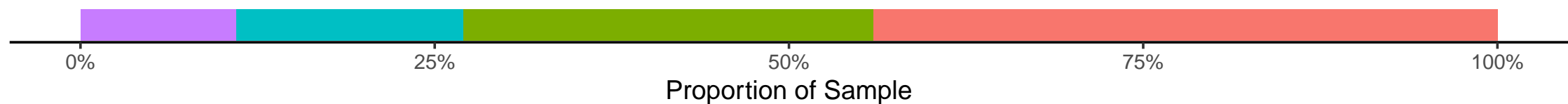
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 4000



Distribution of Sample Sizes



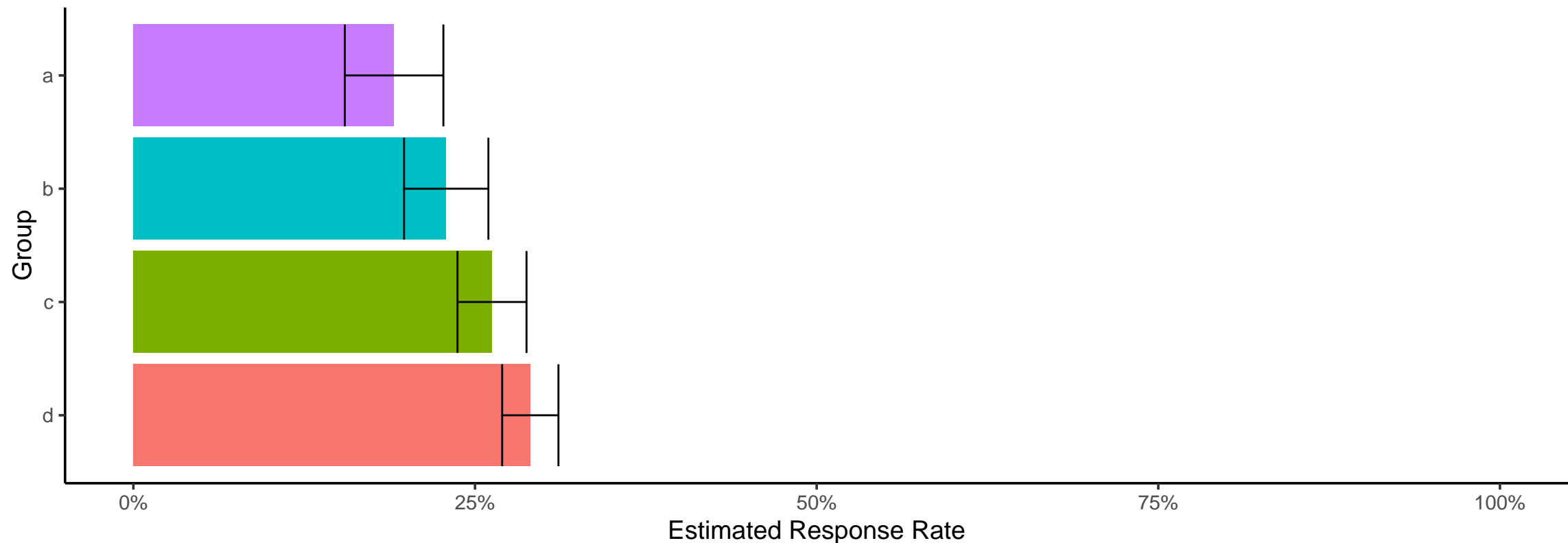
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

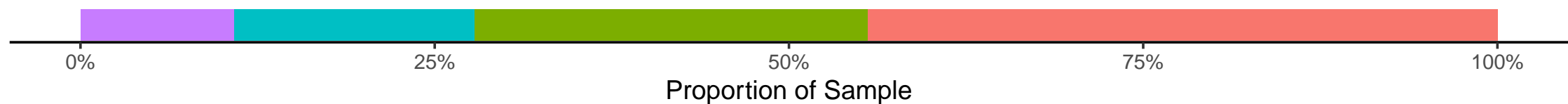
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 4200



Distribution of Sample Sizes



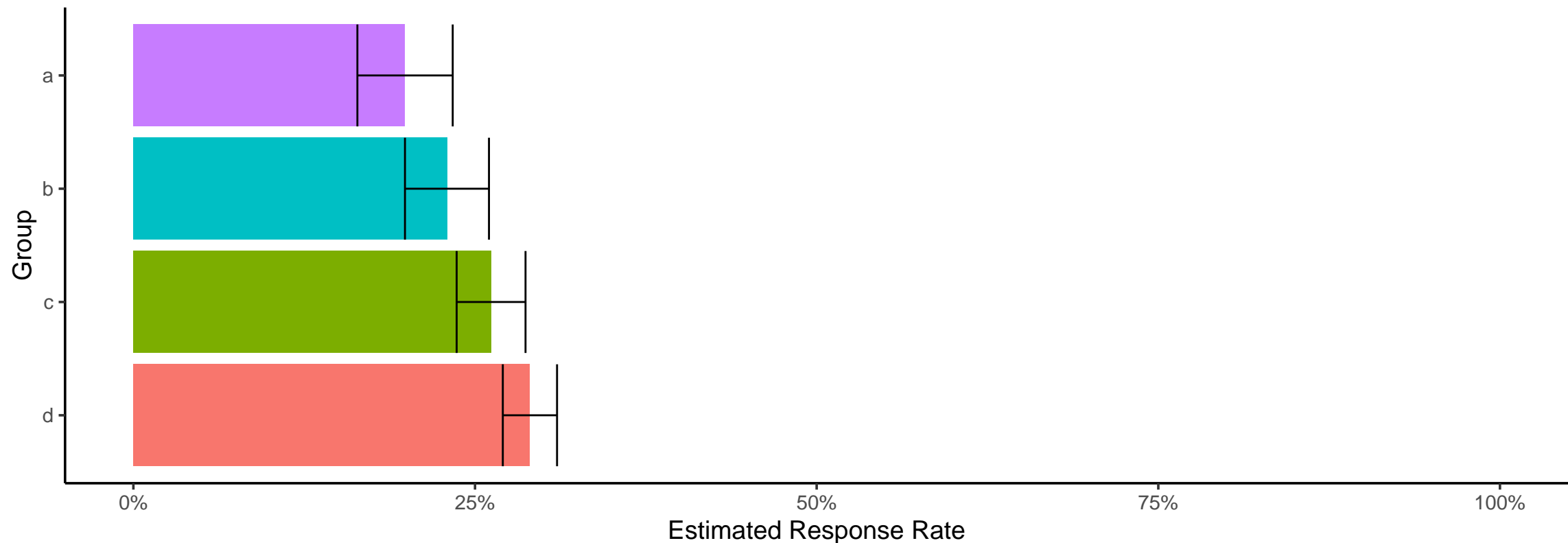
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

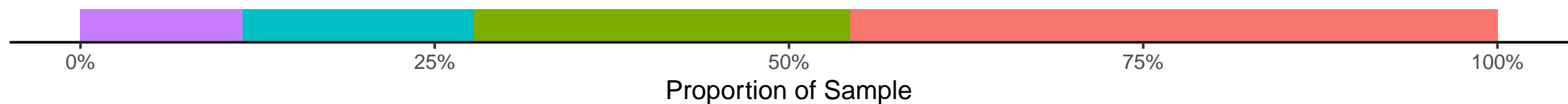
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 4400



Distribution of Sample Sizes



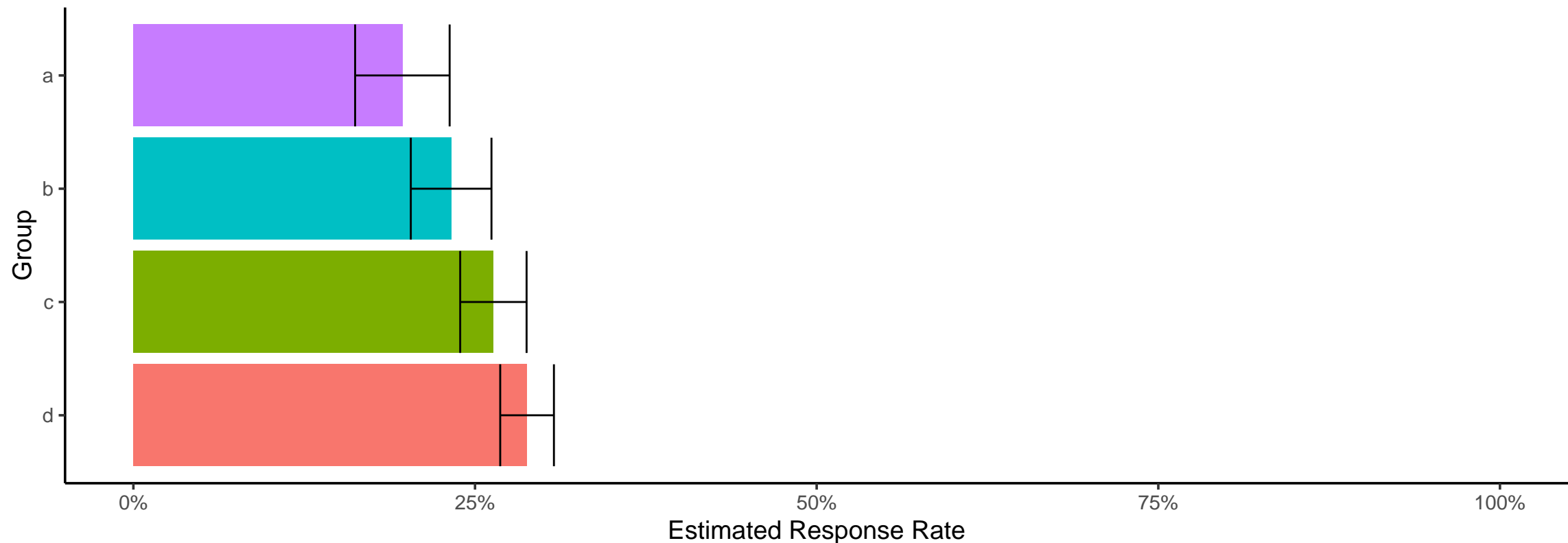
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

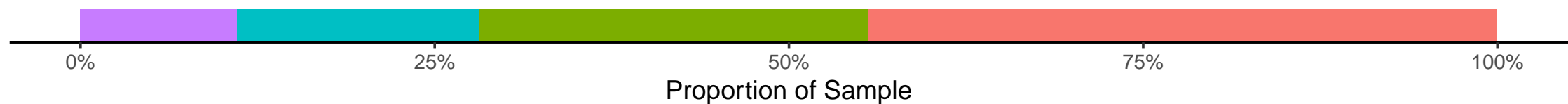
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 4600



Distribution of Sample Sizes



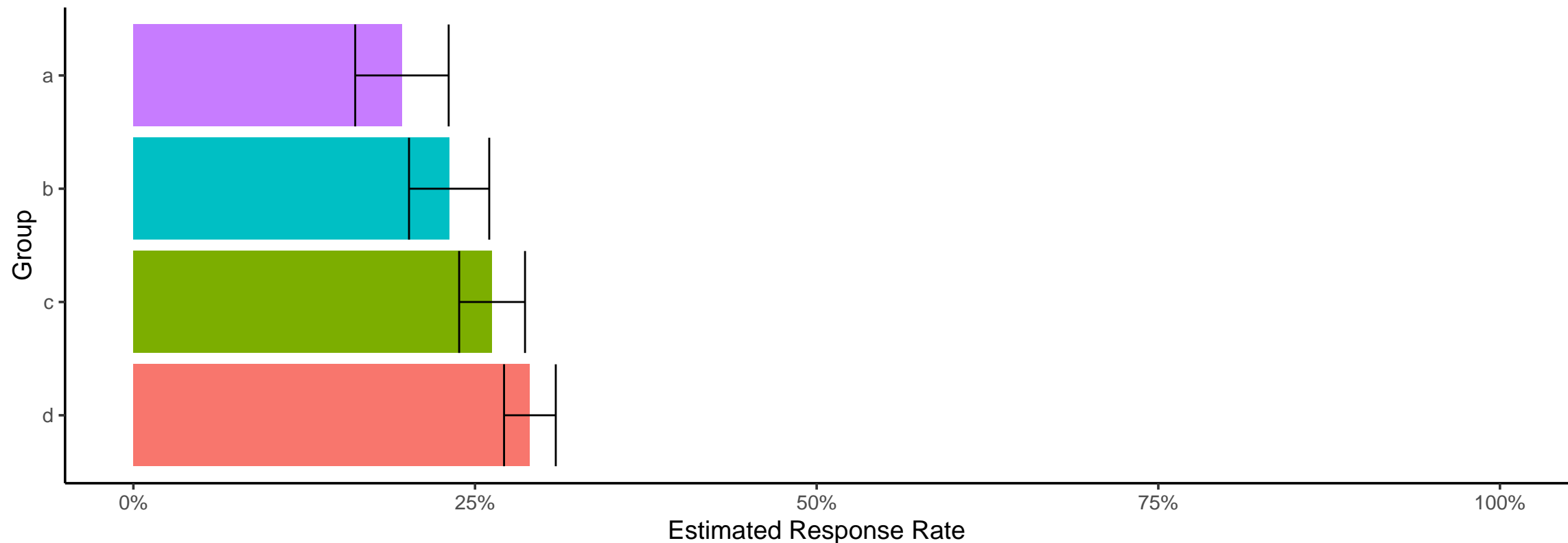
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

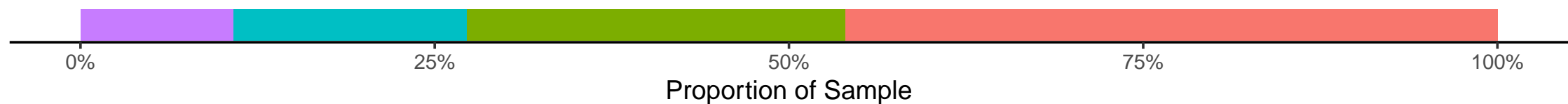
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 4800



Distribution of Sample Sizes



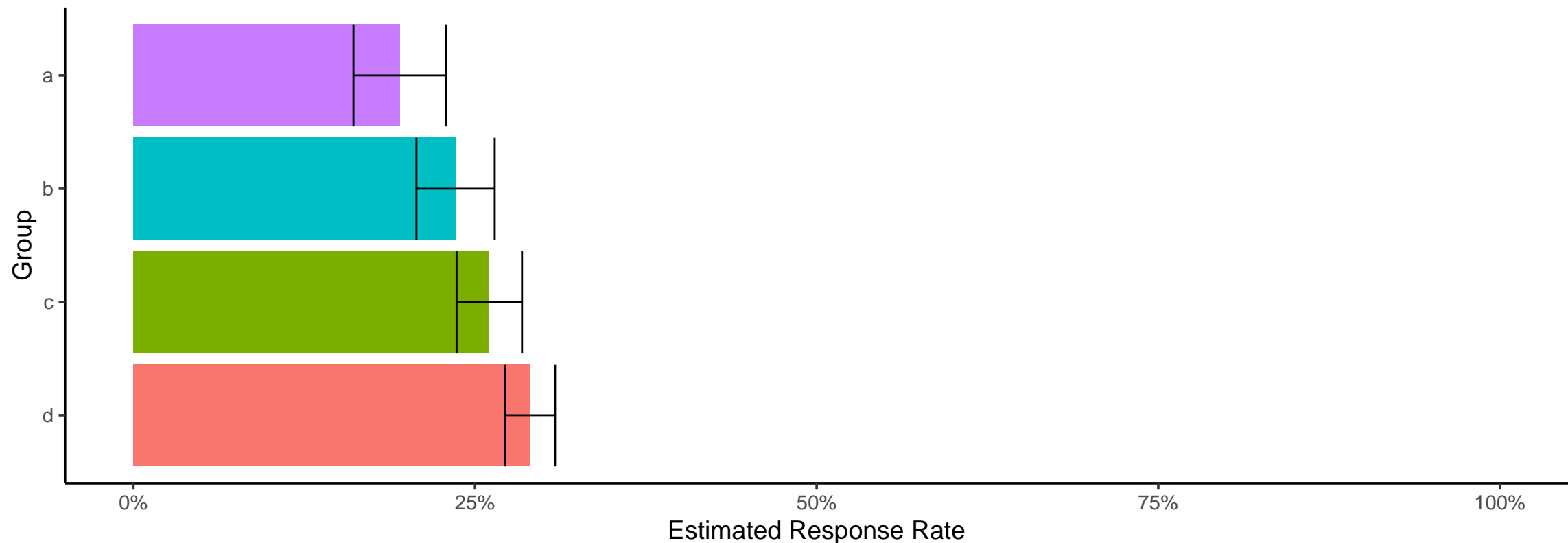
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

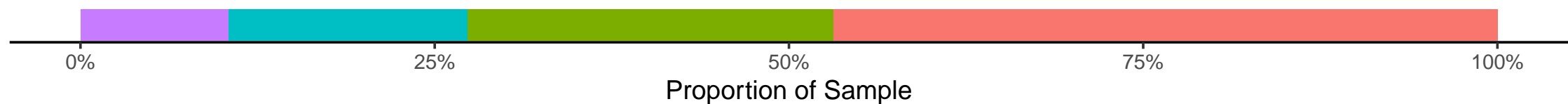
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 5000



Distribution of Sample Sizes



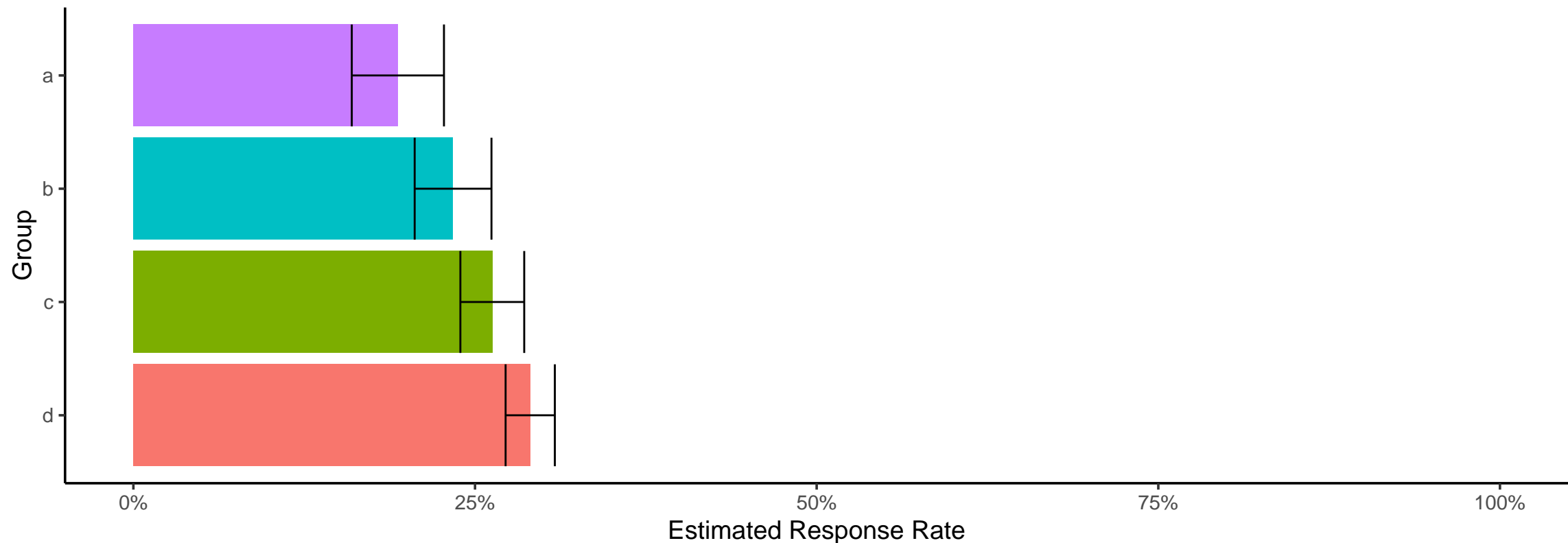
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

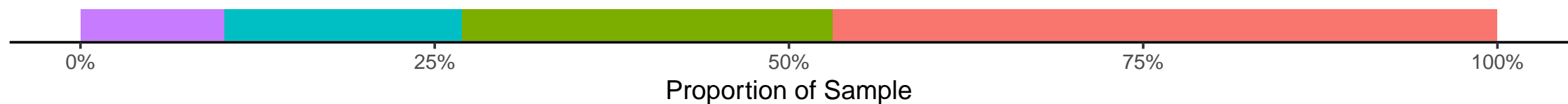
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 5200



Distribution of Sample Sizes



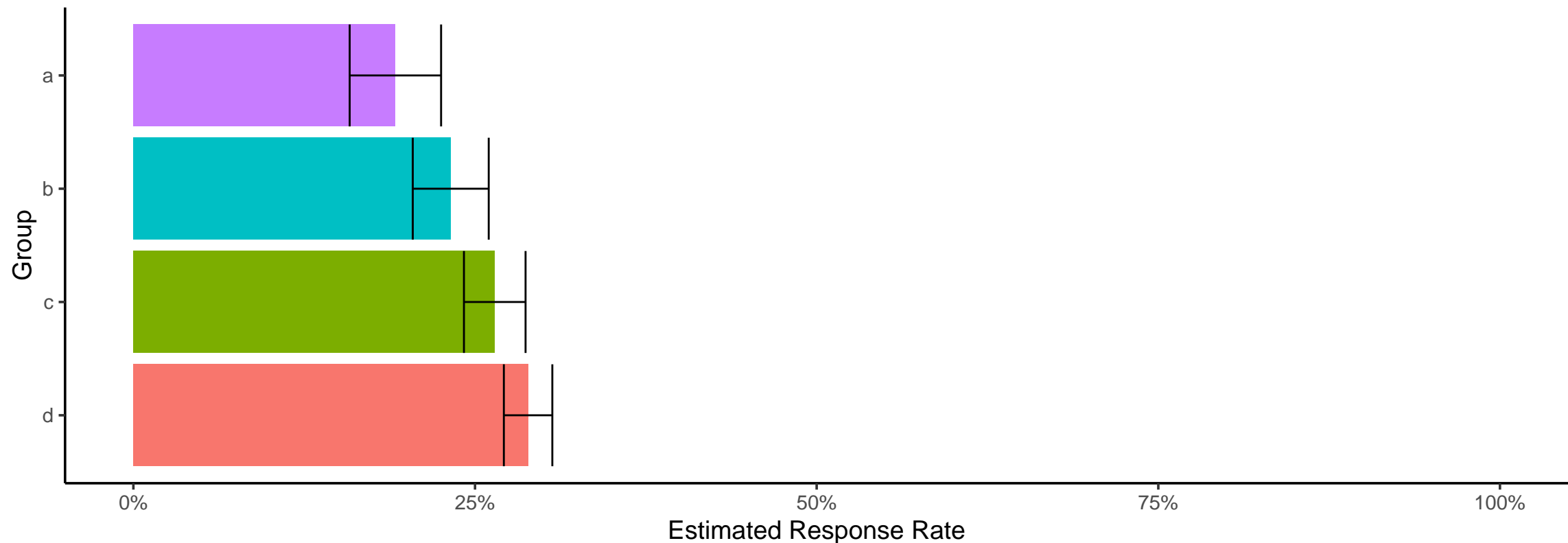
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

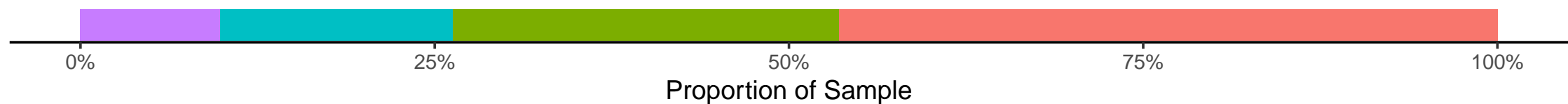
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 5400



Distribution of Sample Sizes



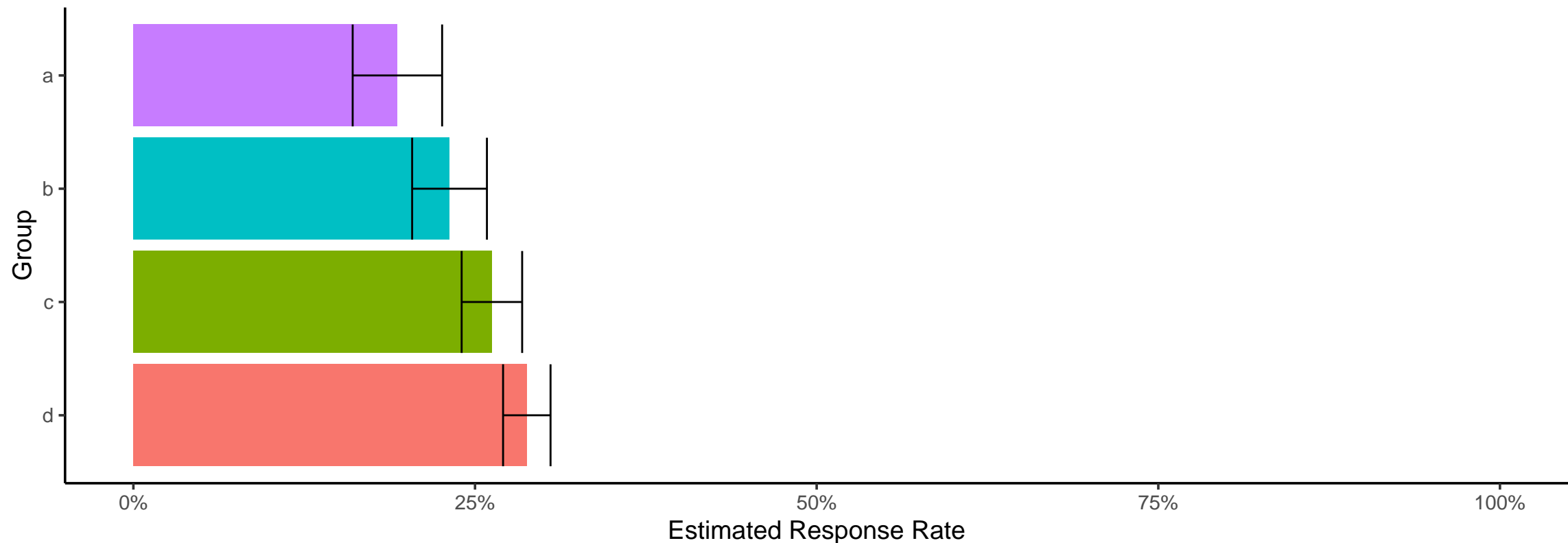
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

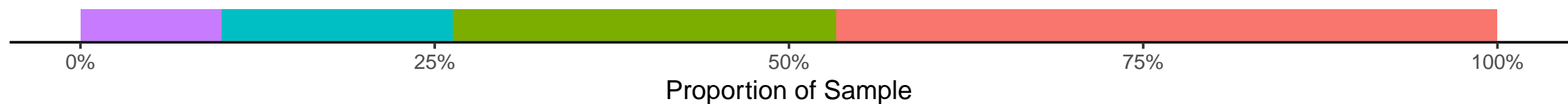
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 5600



Distribution of Sample Sizes



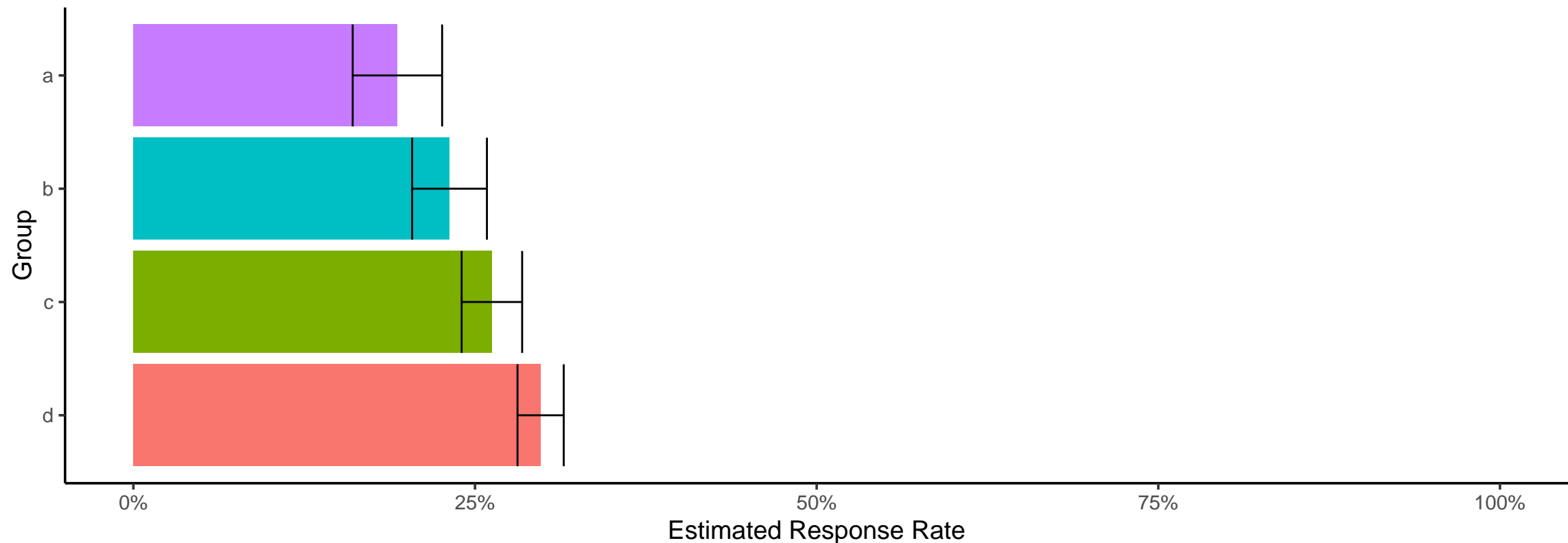
Group ■ a ■ b ■ c ■ d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

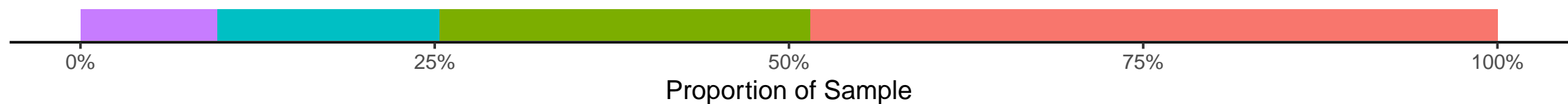
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 5800



Distribution of Sample Sizes



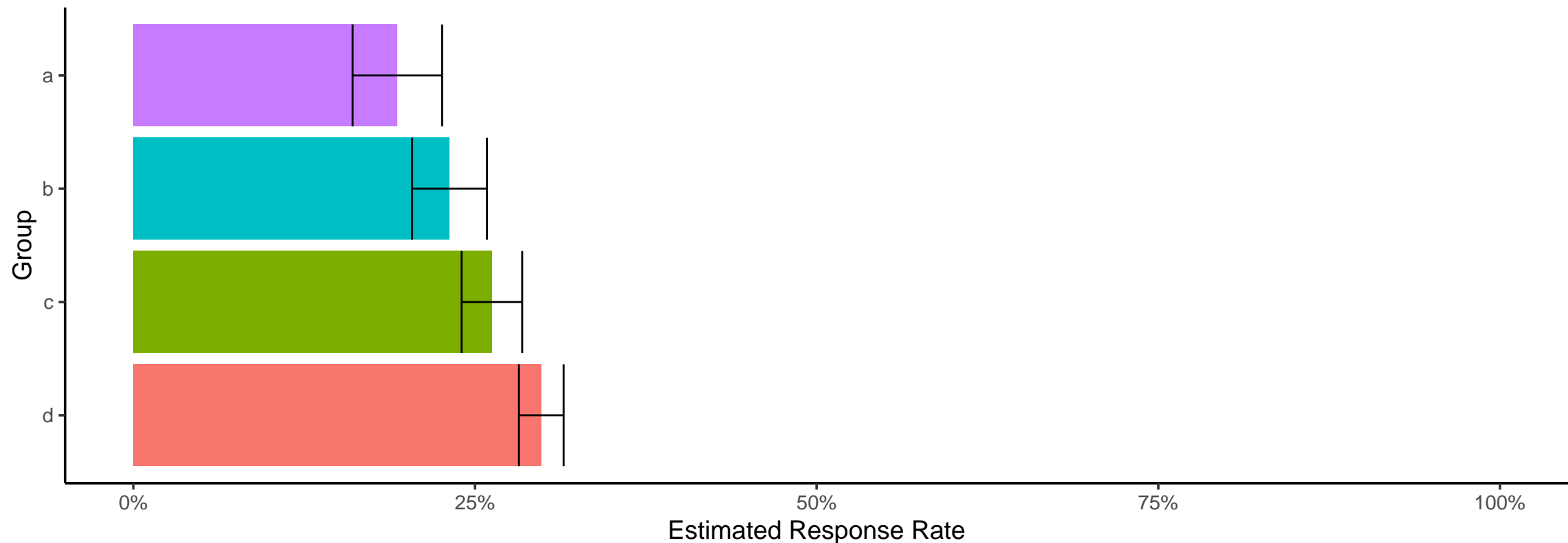
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

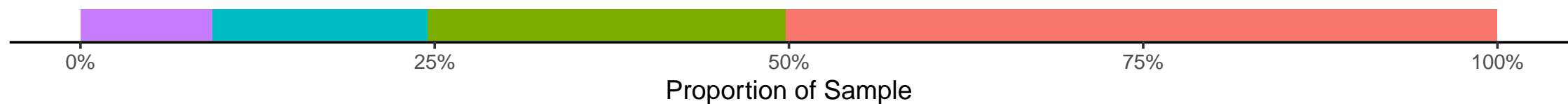
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 6000



Distribution of Sample Sizes



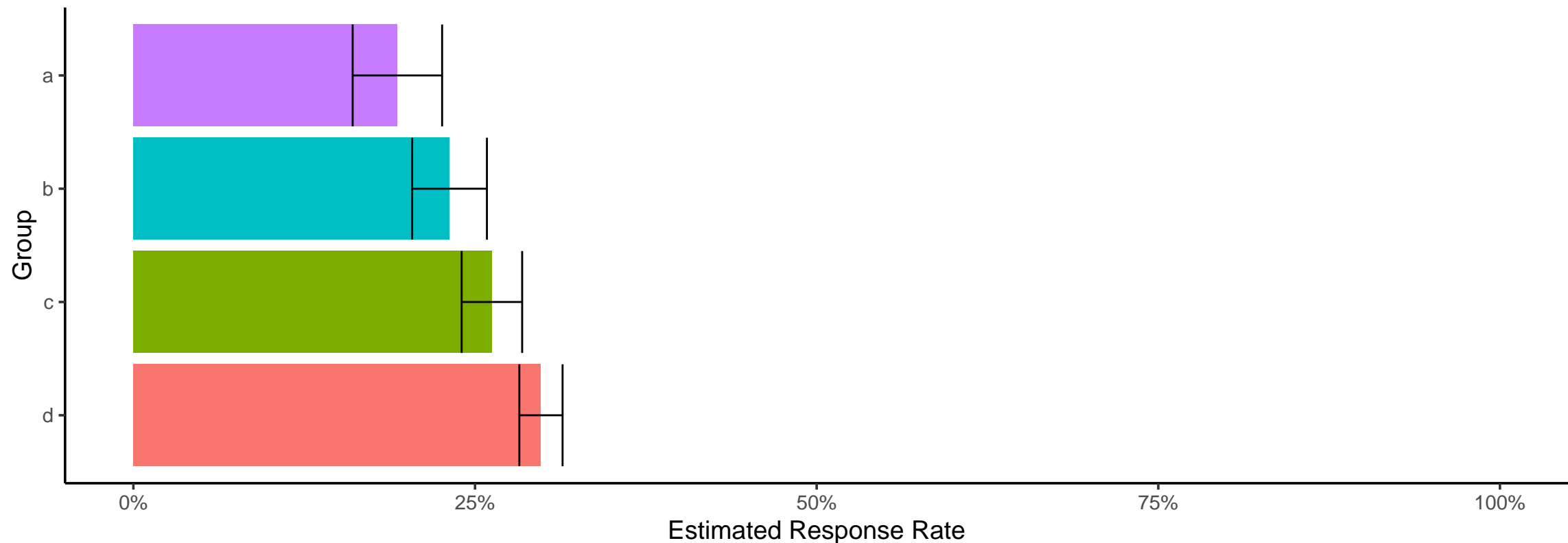
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

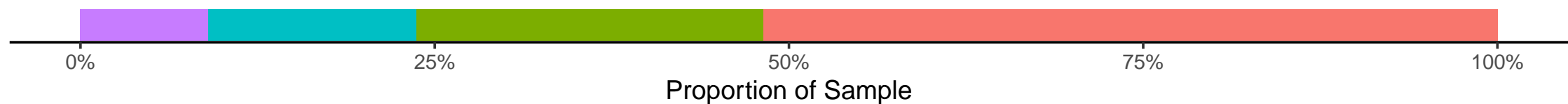
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 6200



Distribution of Sample Sizes



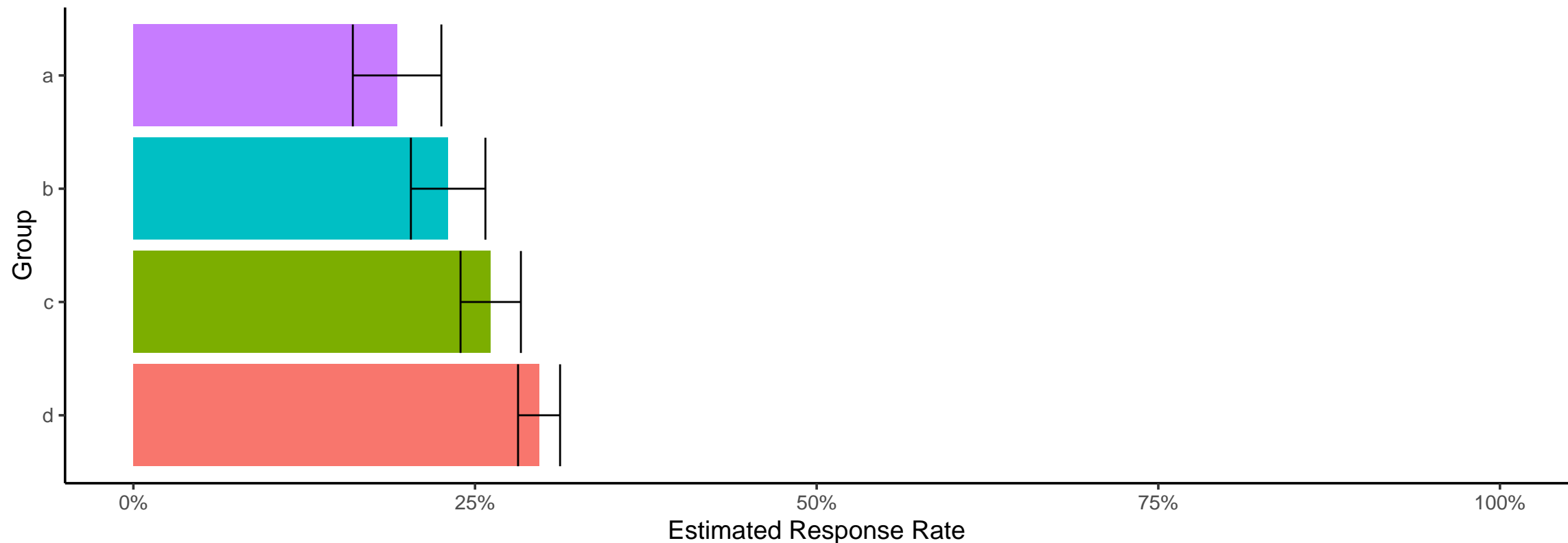
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

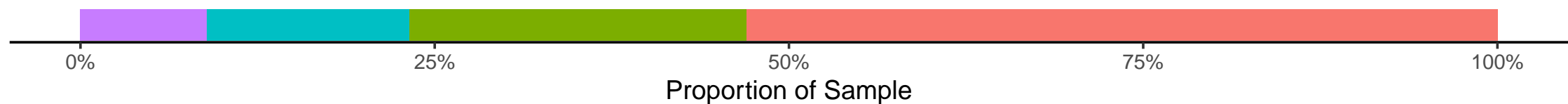
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 6400



Distribution of Sample Sizes



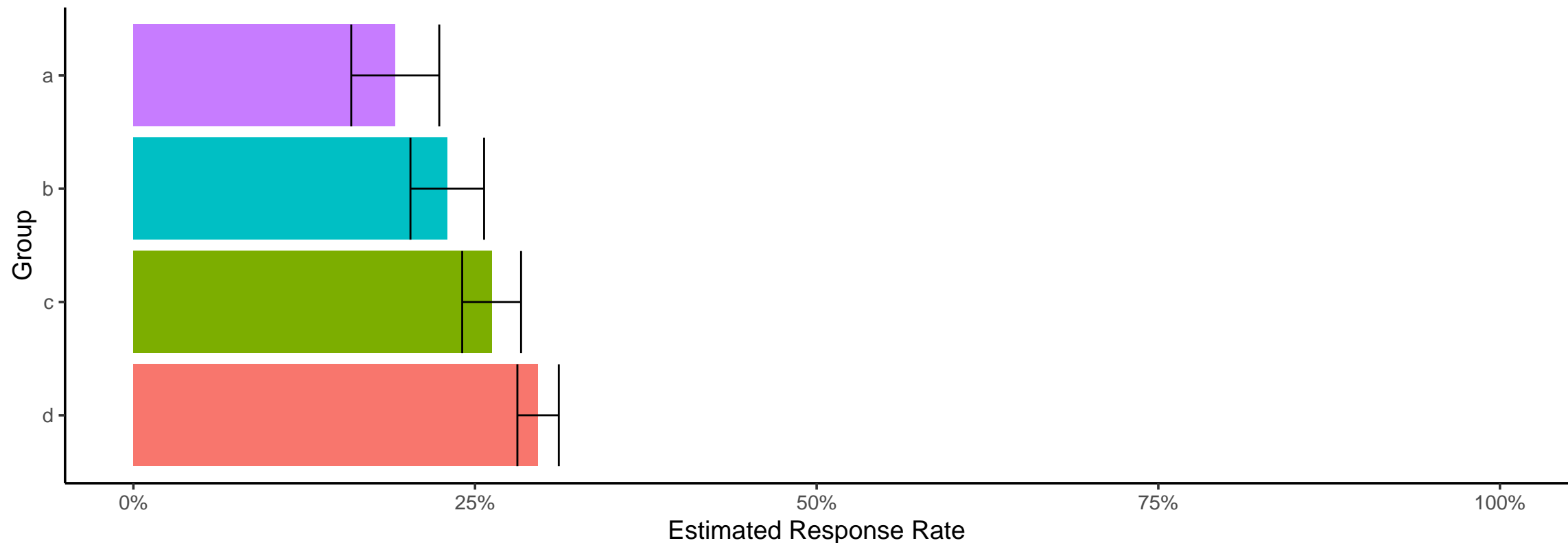
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

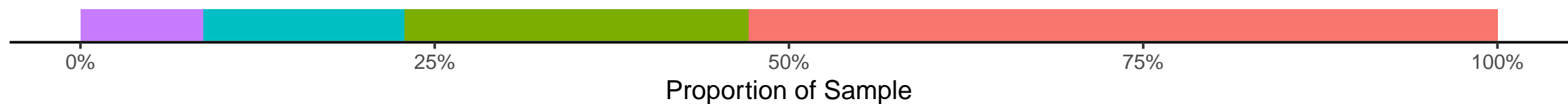
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 6600



Distribution of Sample Sizes



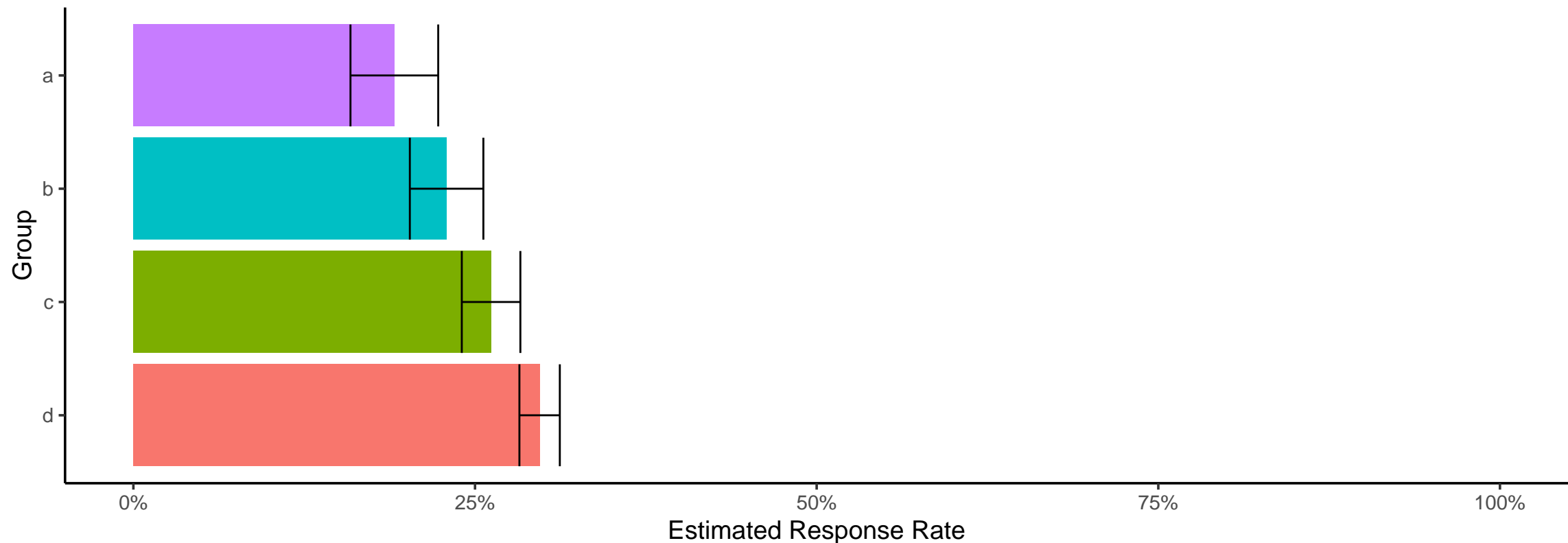
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

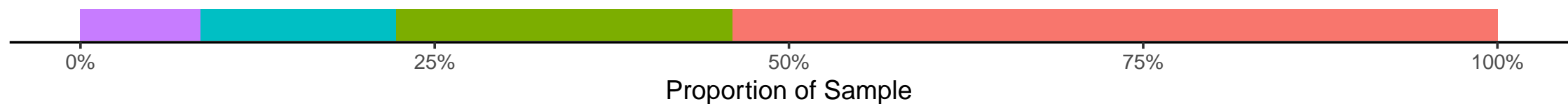
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 6800



Distribution of Sample Sizes



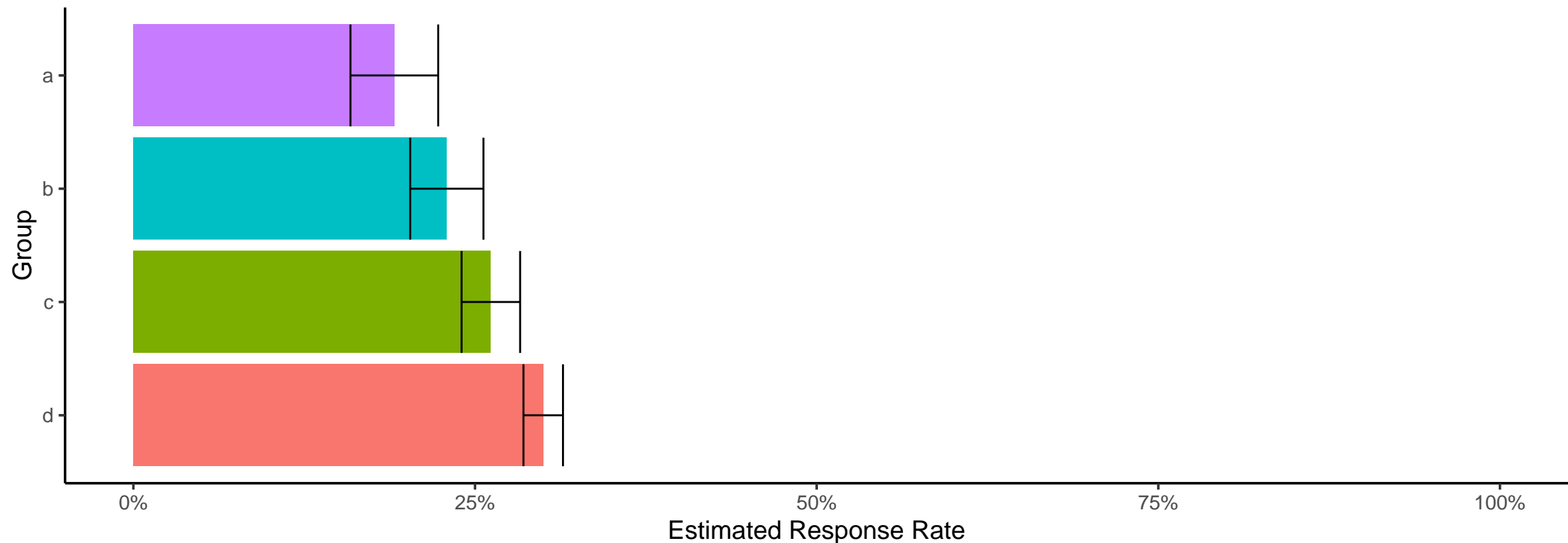
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

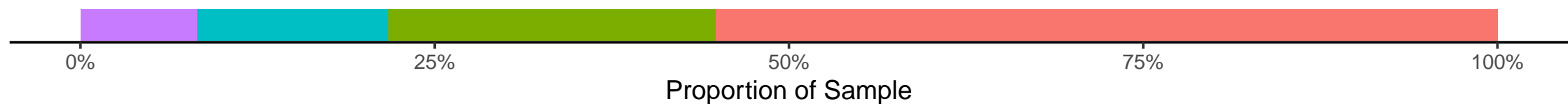
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 7000



Distribution of Sample Sizes



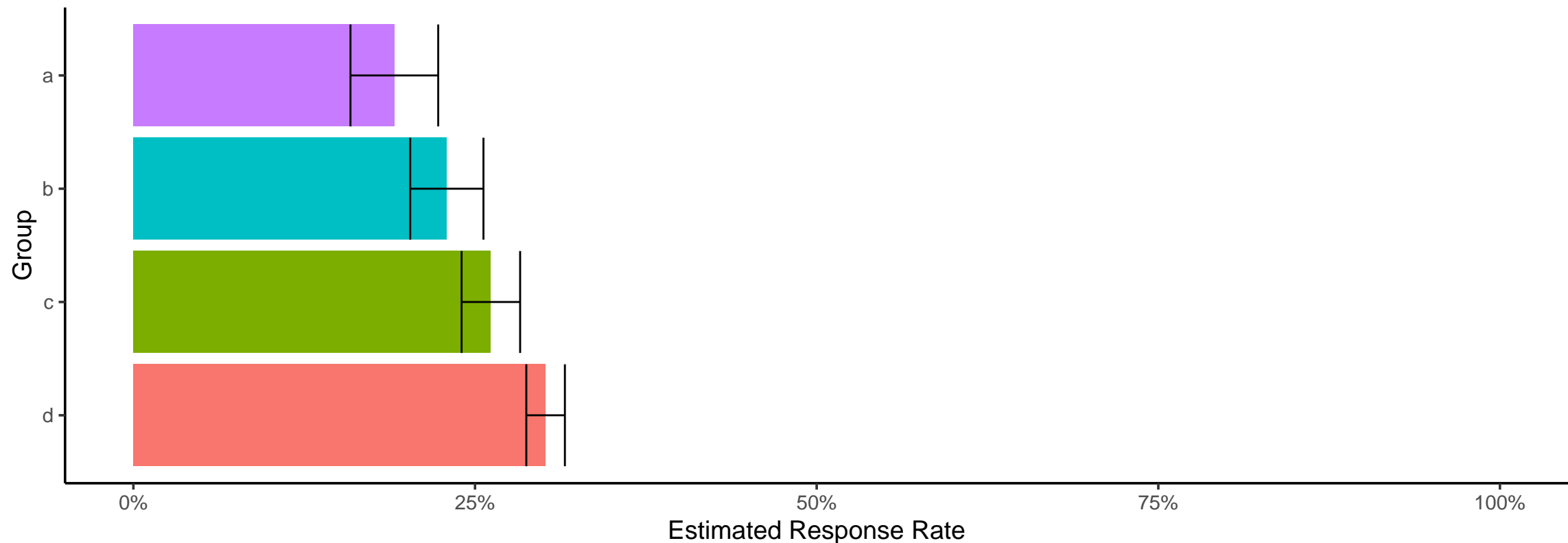
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

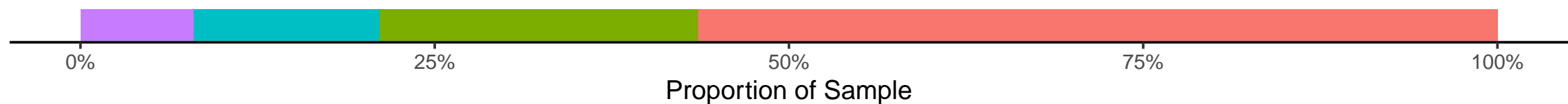
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 7200



Distribution of Sample Sizes



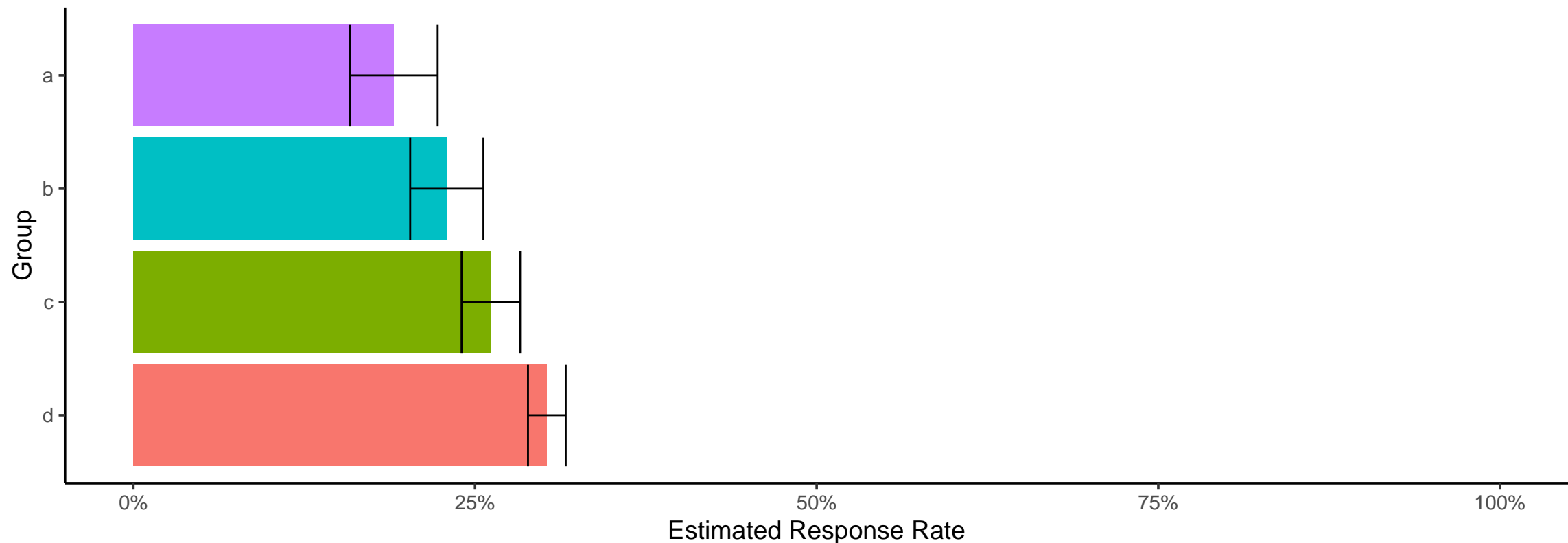
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

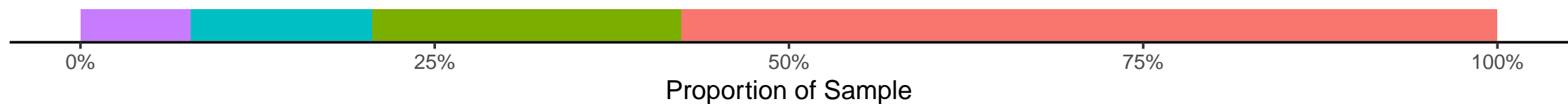
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 7400



Distribution of Sample Sizes



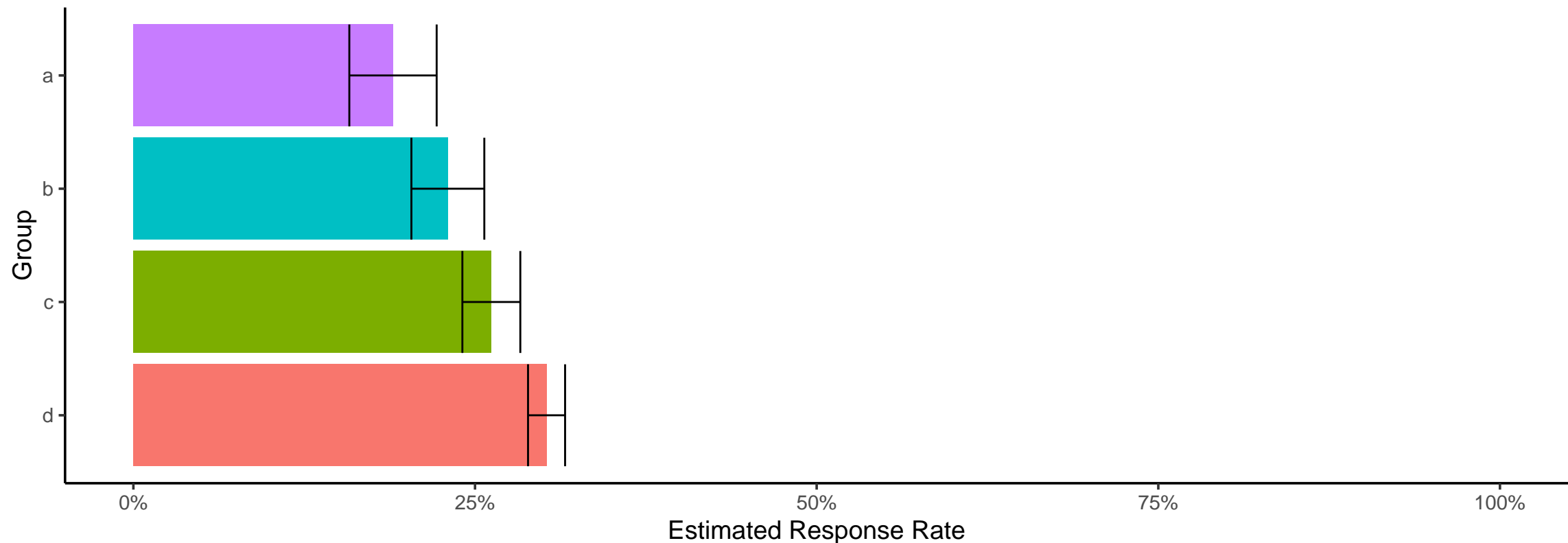
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

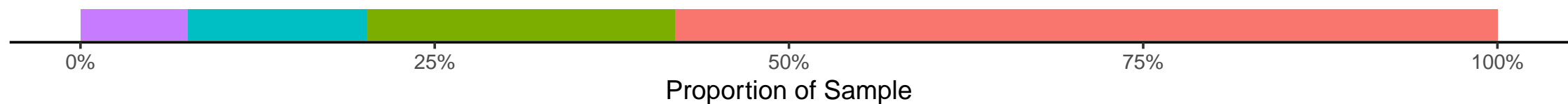
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 7600



Distribution of Sample Sizes



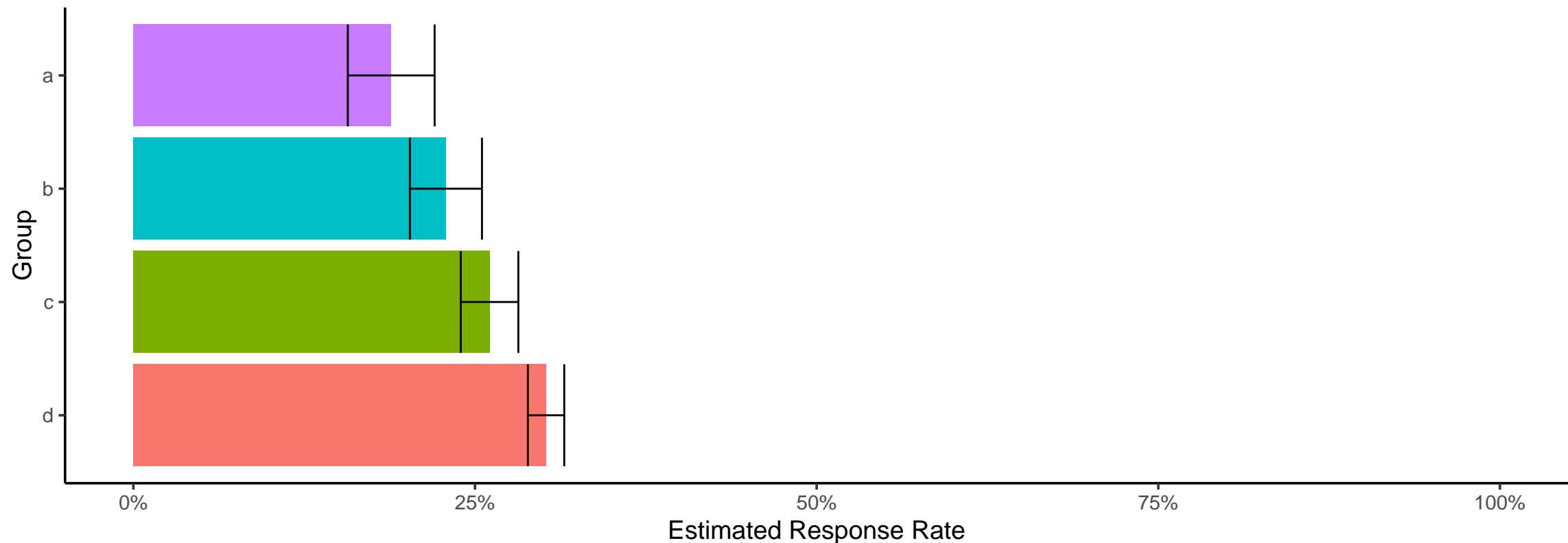
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

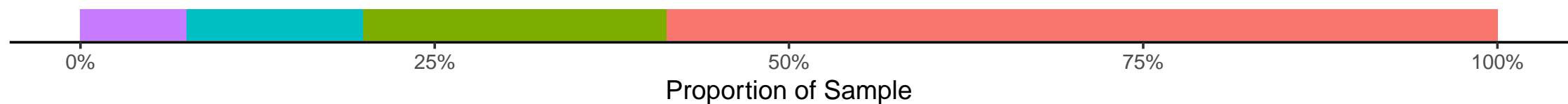
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 7800



Distribution of Sample Sizes



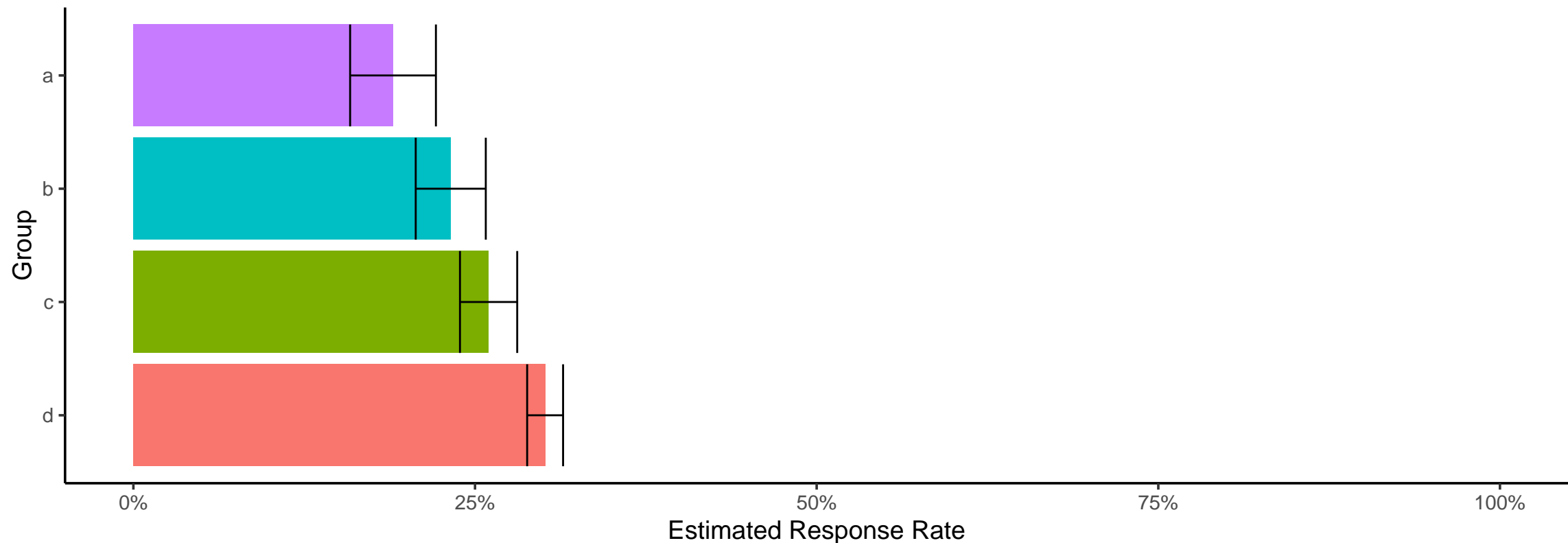
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

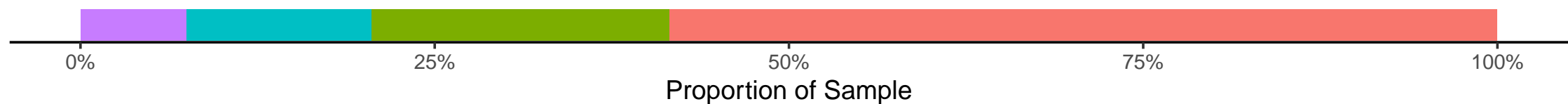
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 8000



Distribution of Sample Sizes



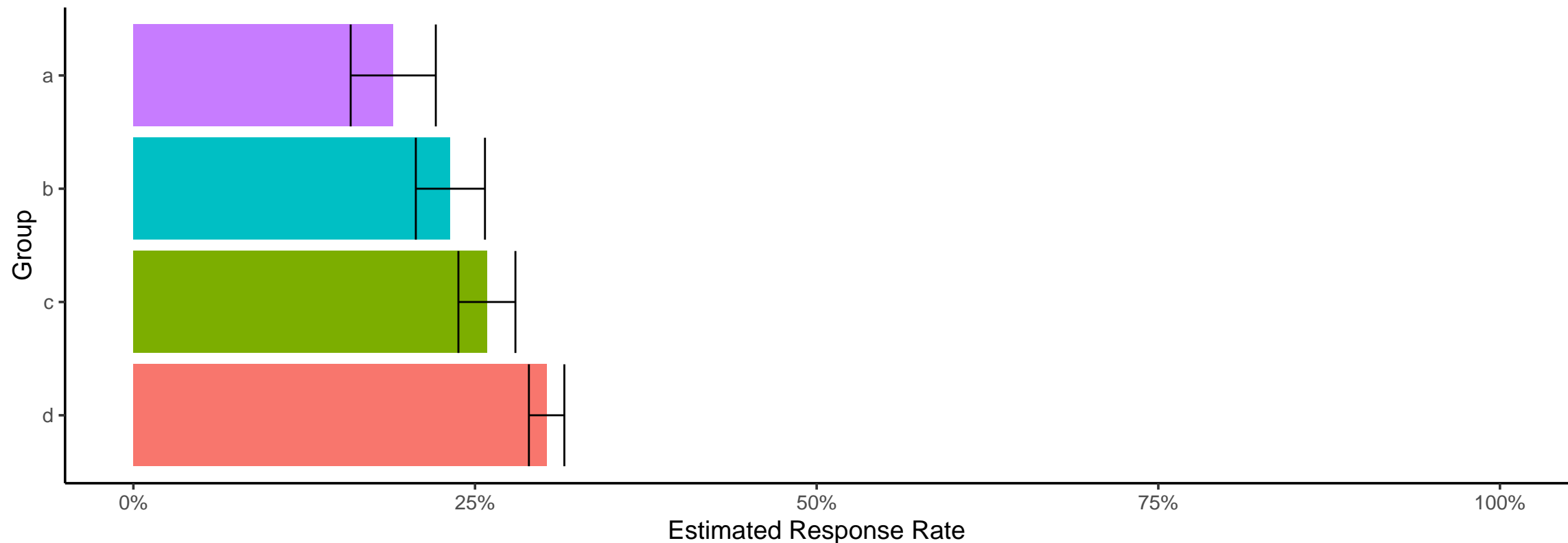
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

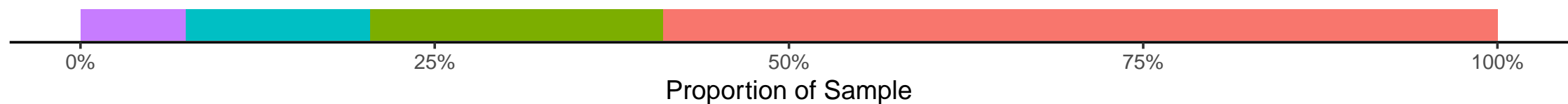
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 8200



Distribution of Sample Sizes



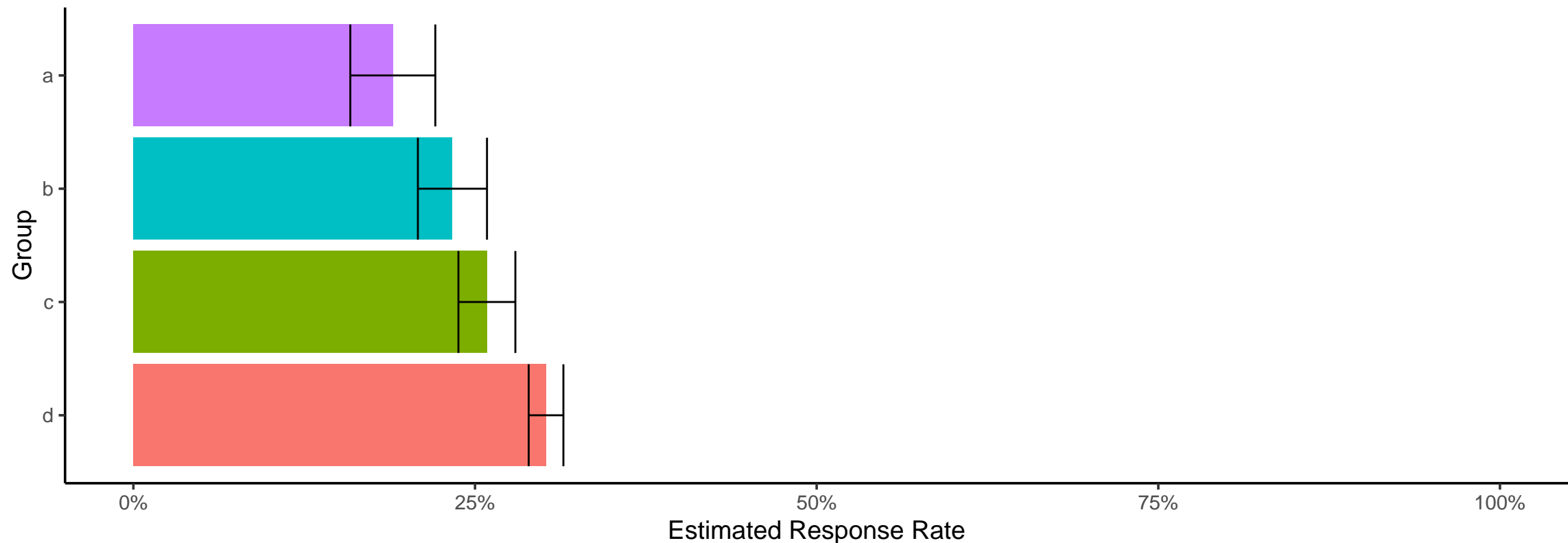
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

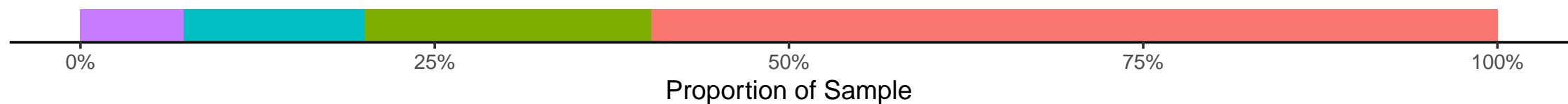
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 8400



Distribution of Sample Sizes



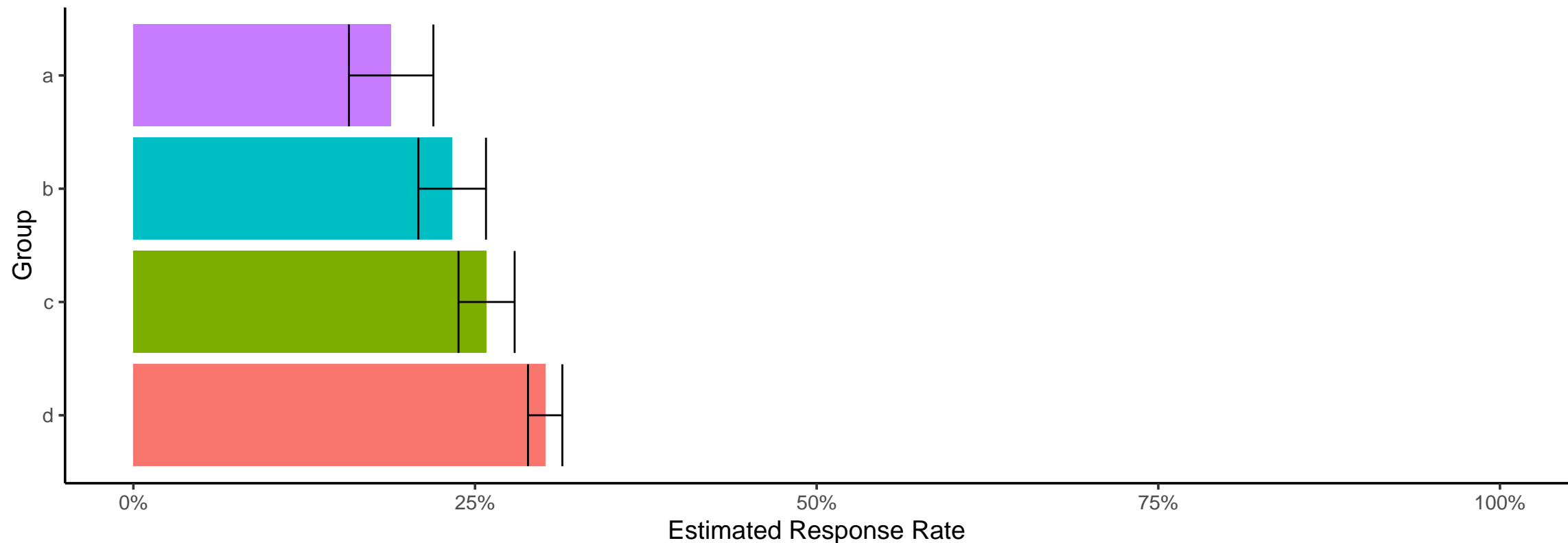
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

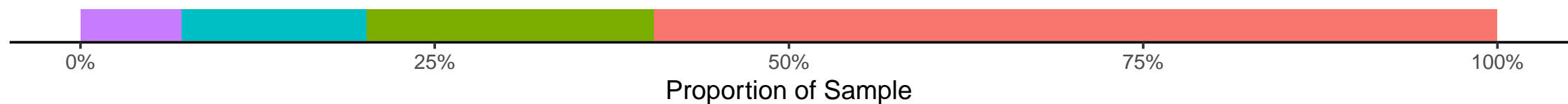
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 8600



Distribution of Sample Sizes



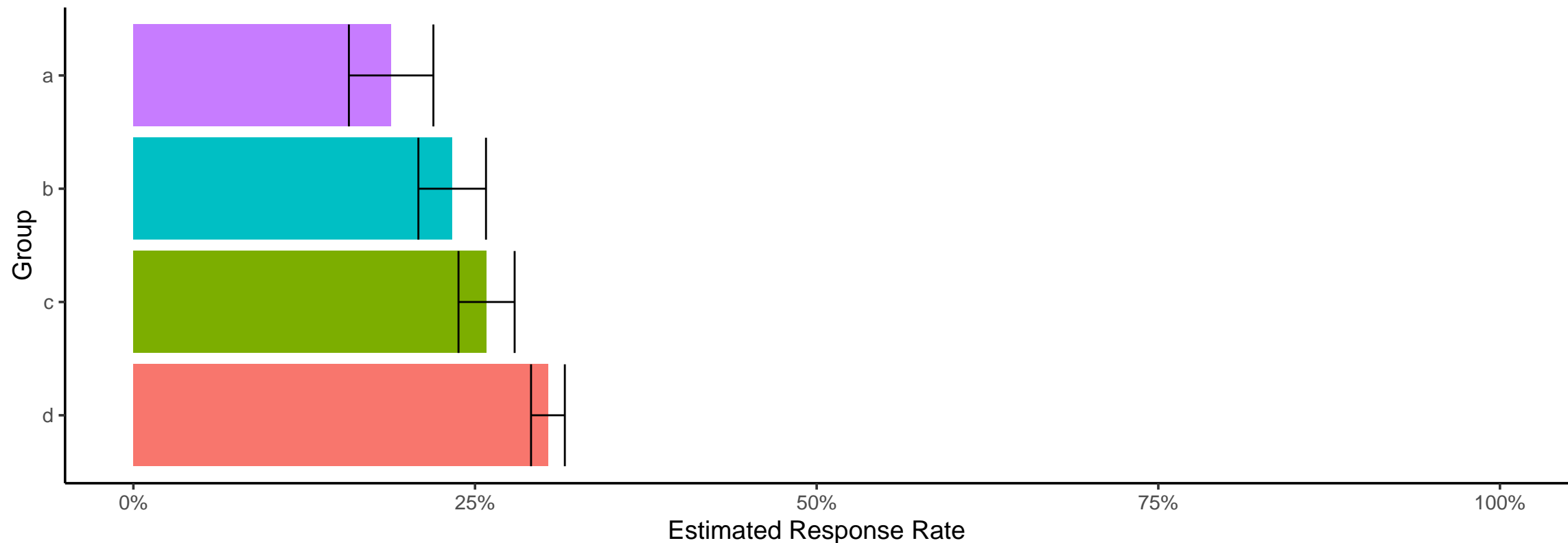
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

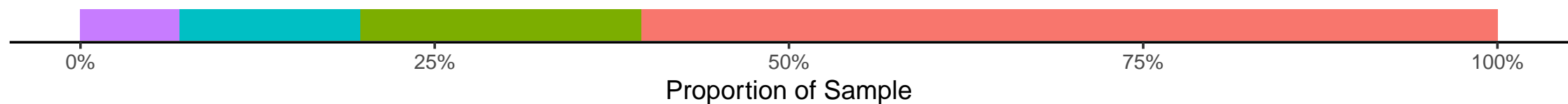
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 8800



Distribution of Sample Sizes



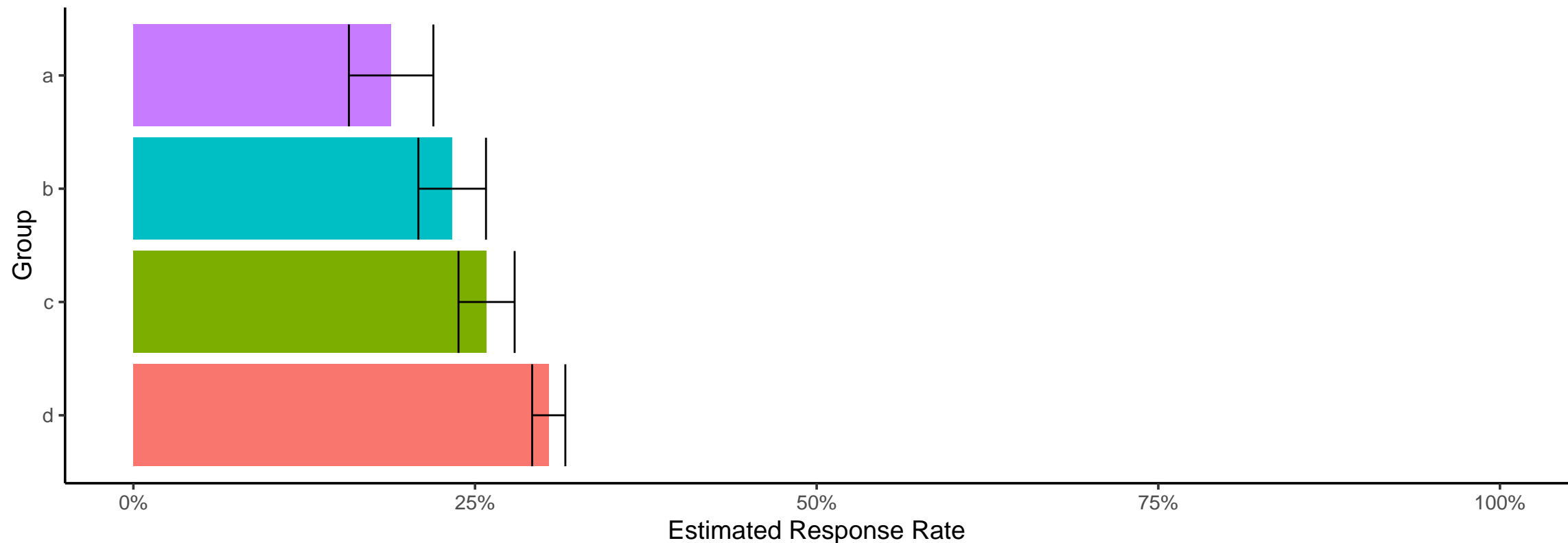
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

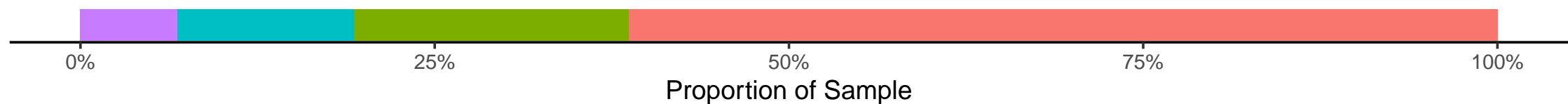
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 9000



Distribution of Sample Sizes



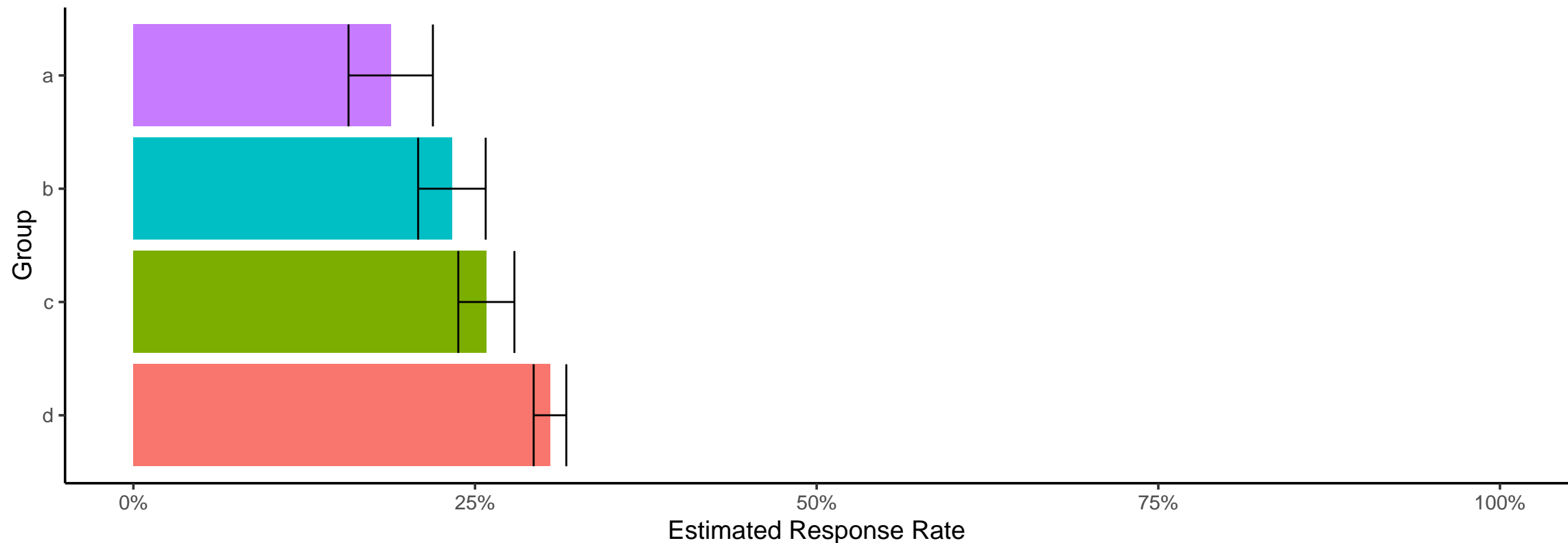
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

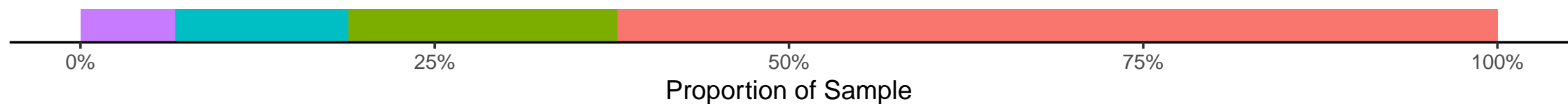
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 9200



Distribution of Sample Sizes



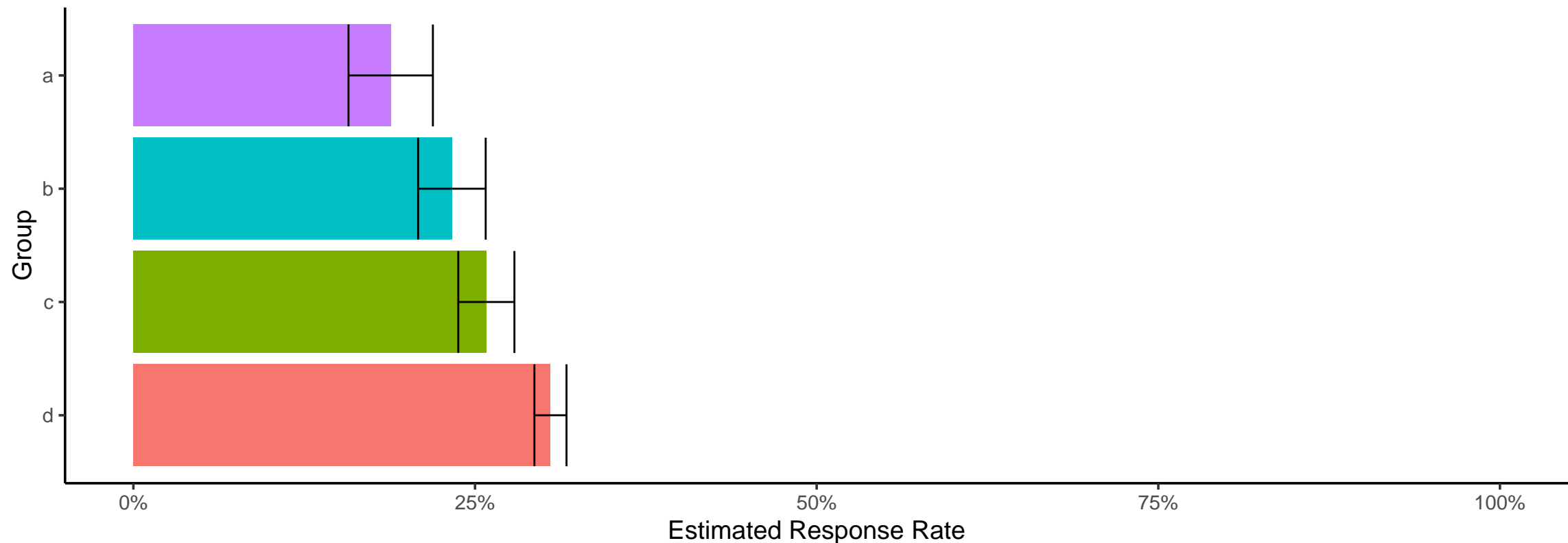
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

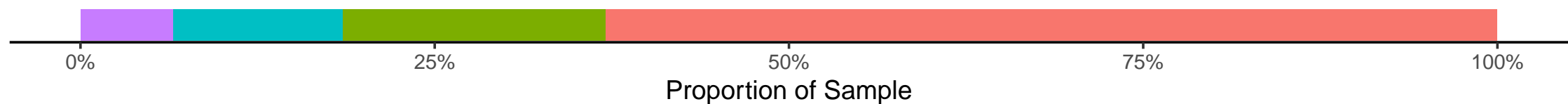
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 9400



Distribution of Sample Sizes



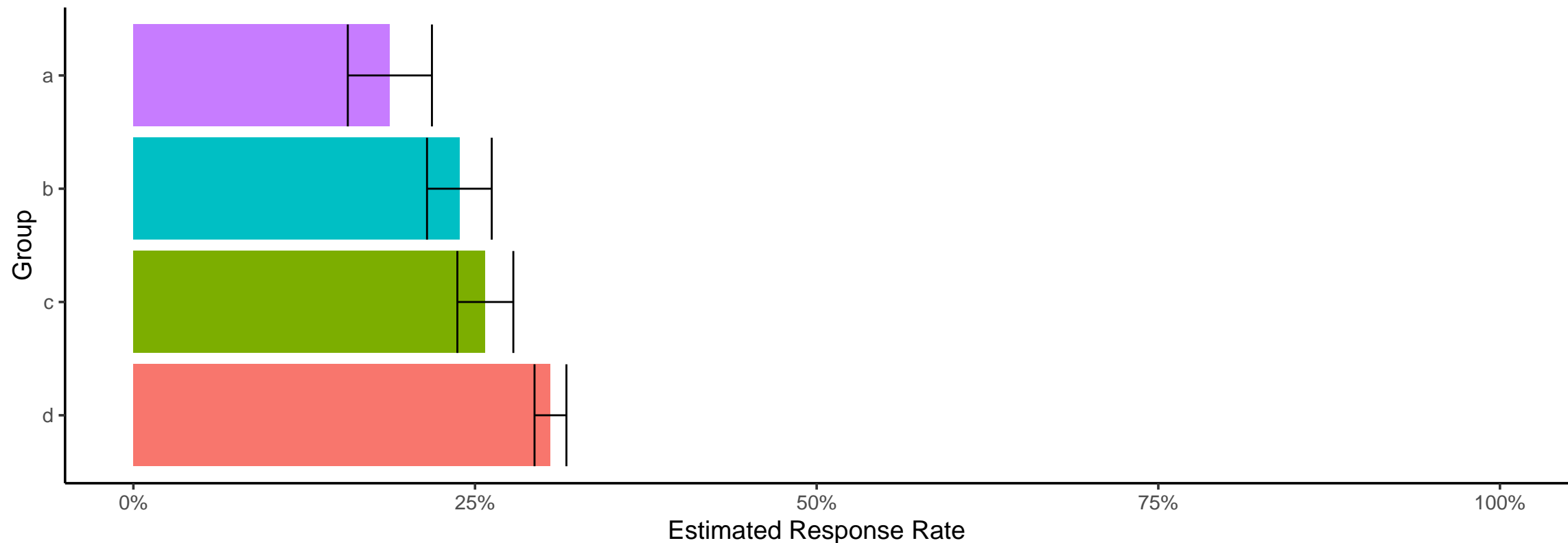
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

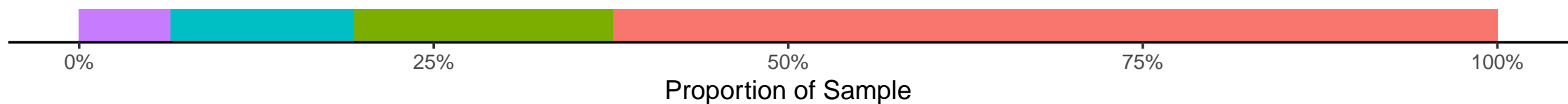
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 9600



Distribution of Sample Sizes



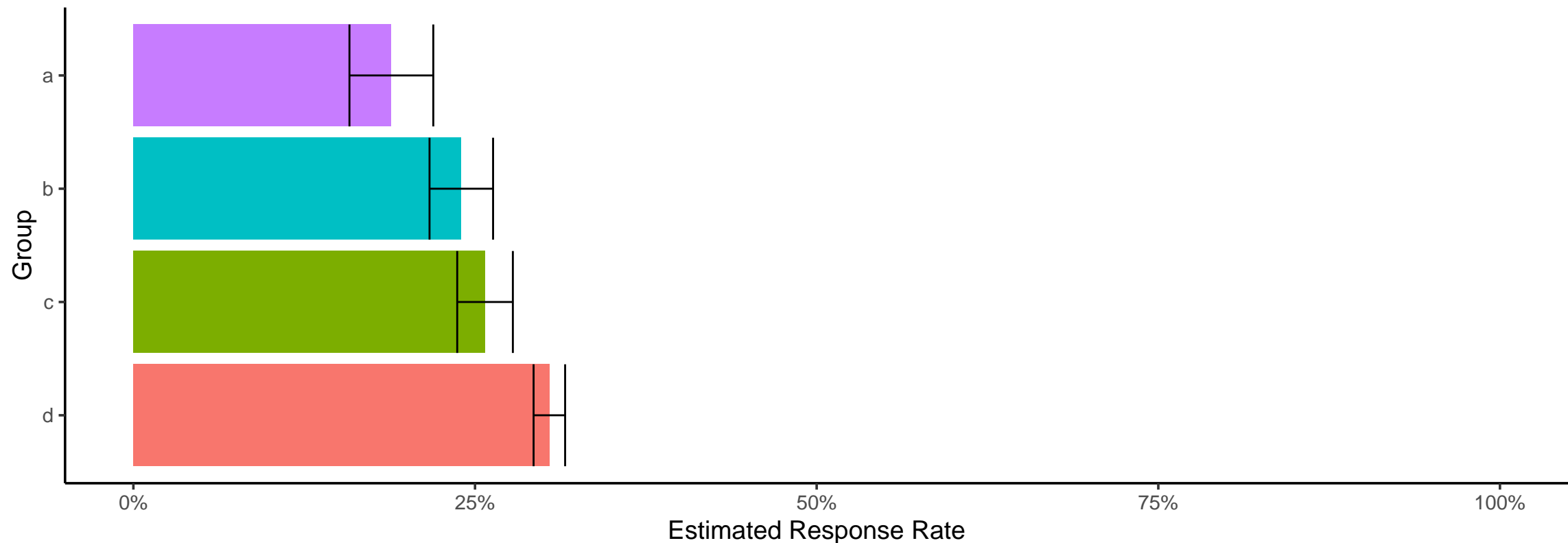
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

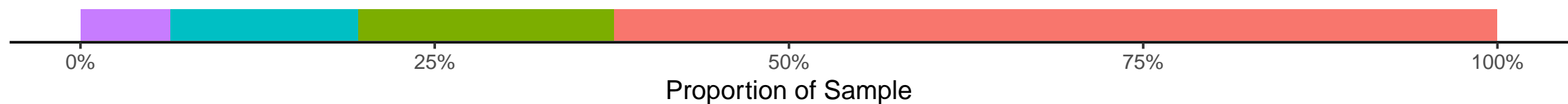
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 9800



Distribution of Sample Sizes



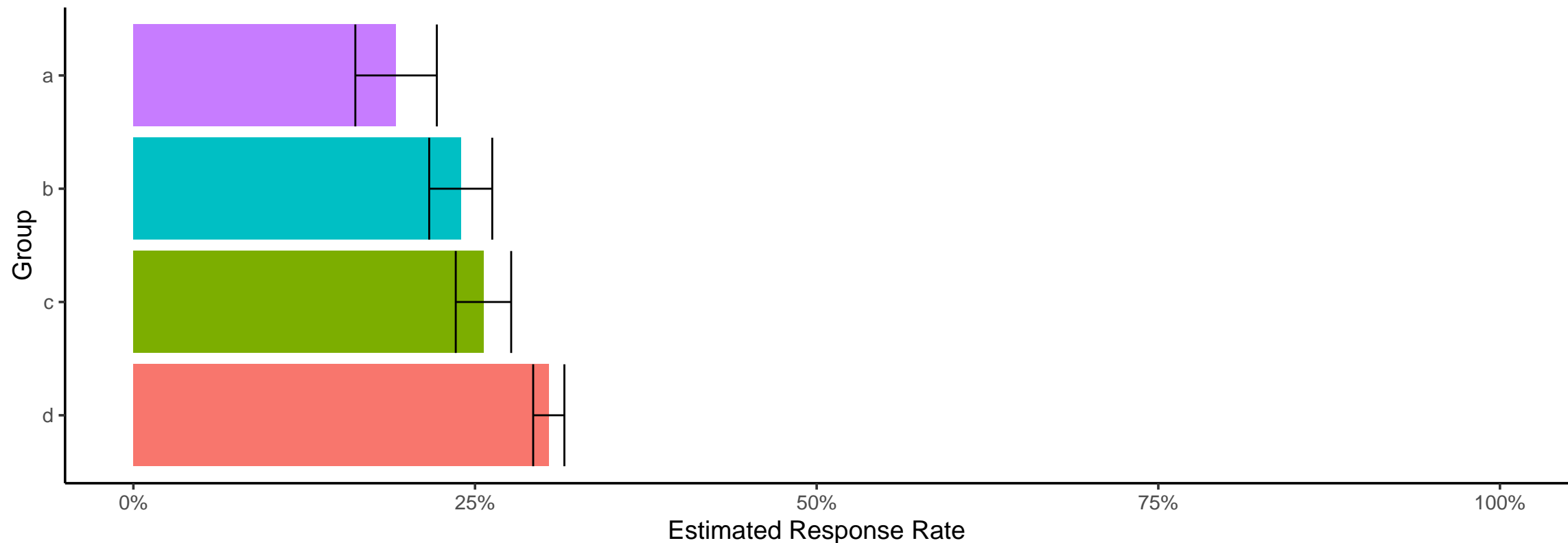
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

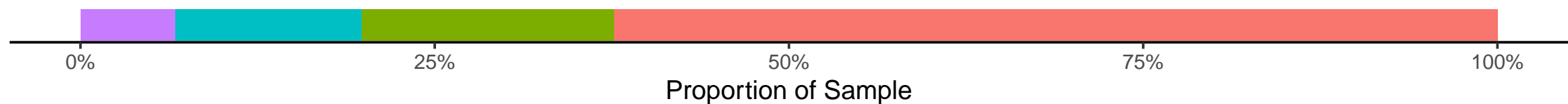
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 10000



Distribution of Sample Sizes



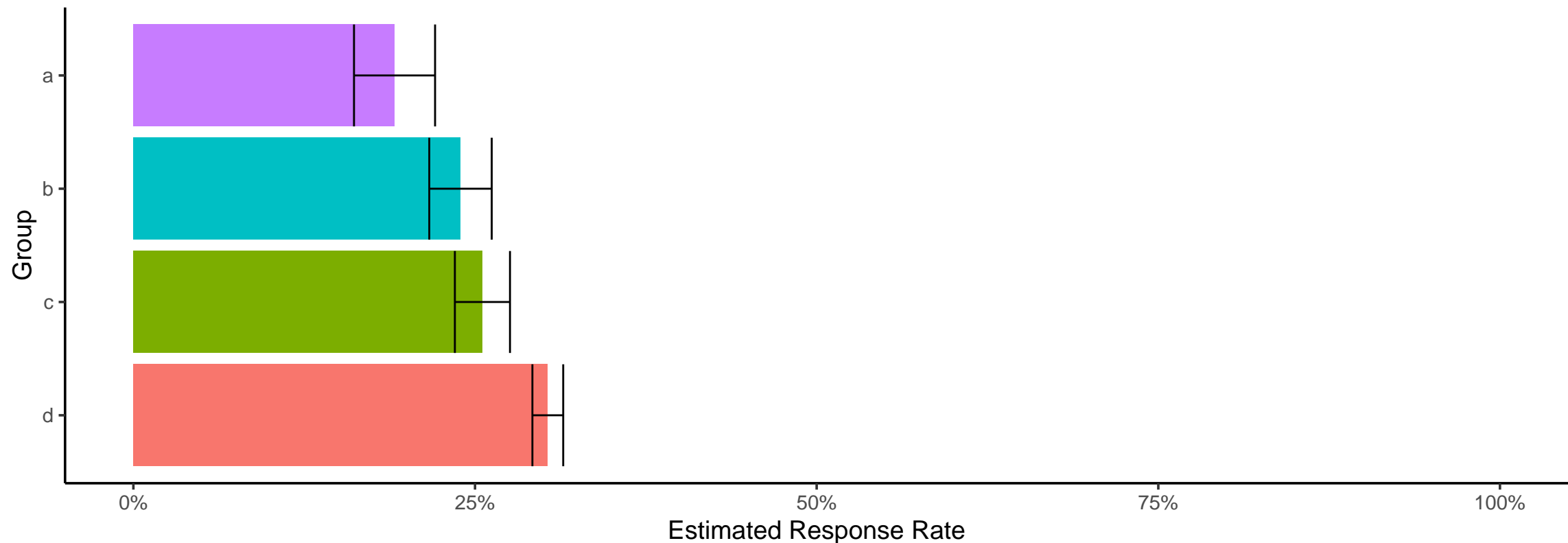
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

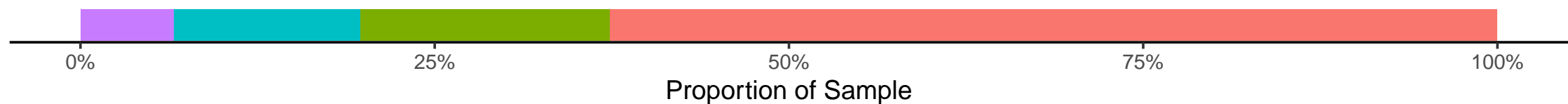
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 10200



Distribution of Sample Sizes



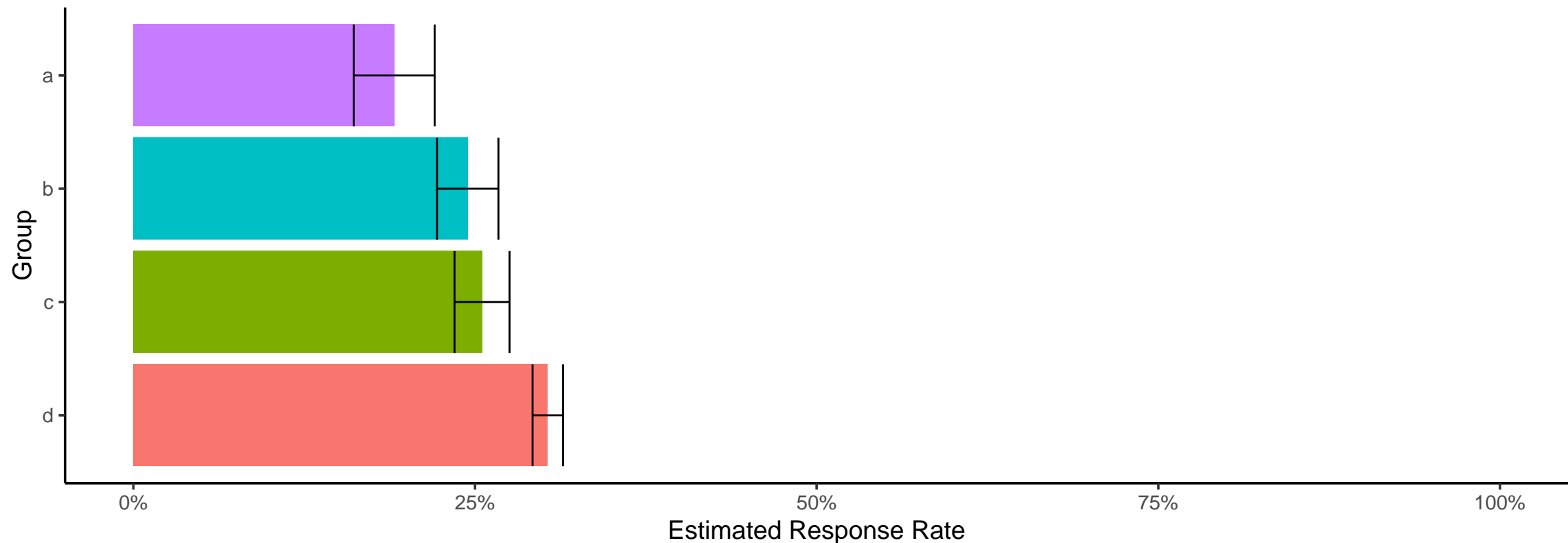
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

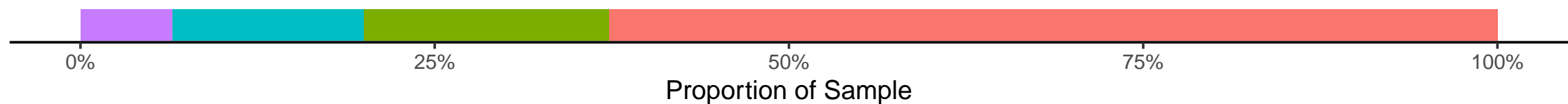
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 10400



Distribution of Sample Sizes



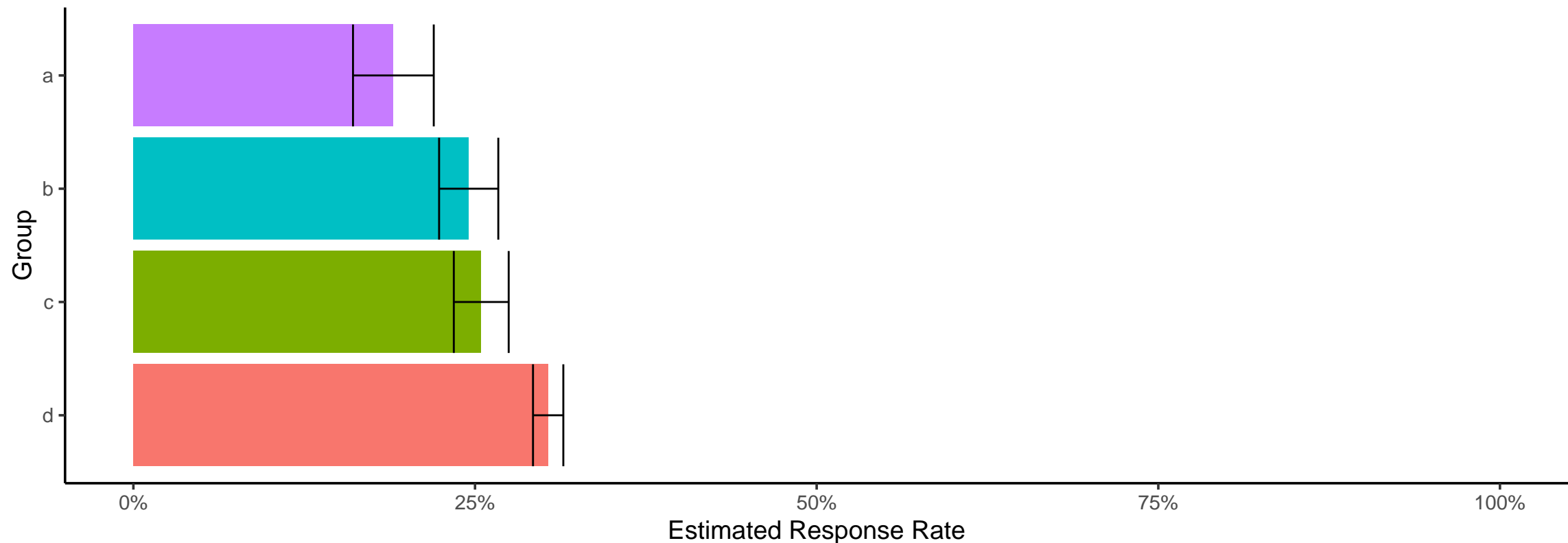
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

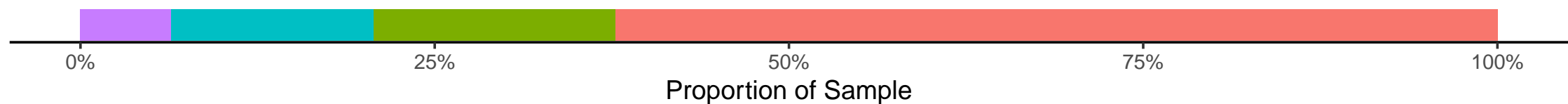
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 10600



Distribution of Sample Sizes



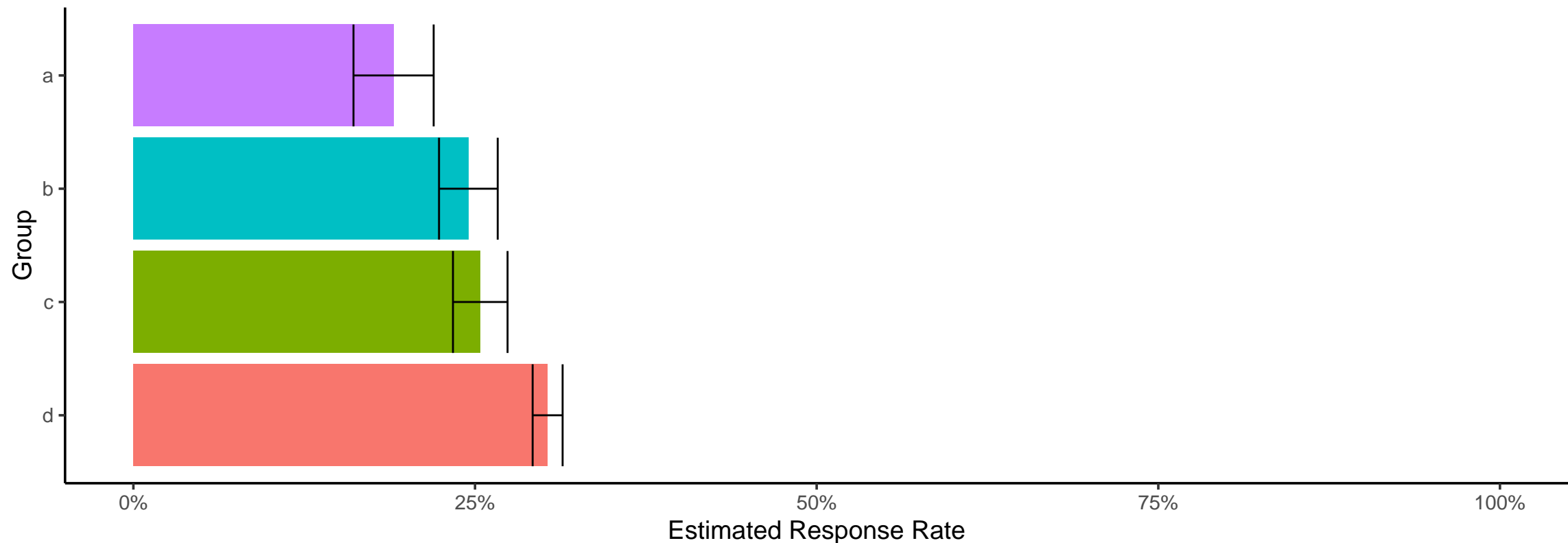
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

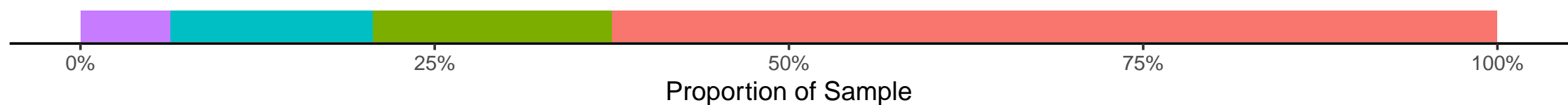
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 10800



Distribution of Sample Sizes



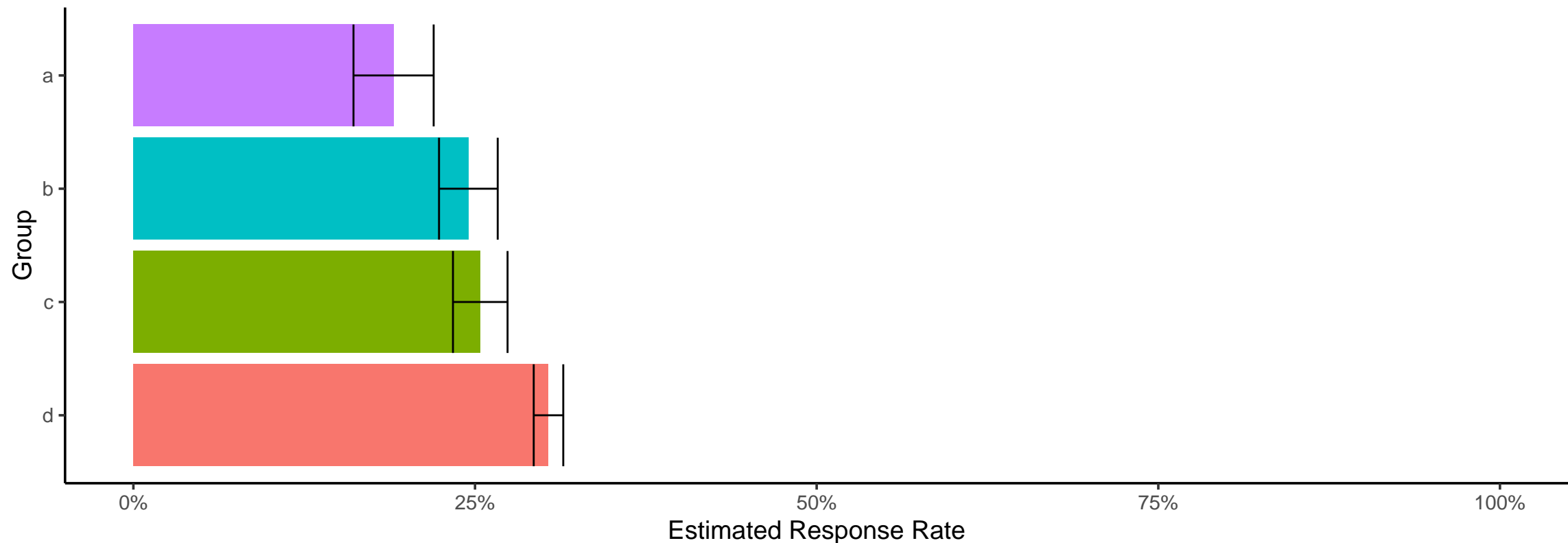
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

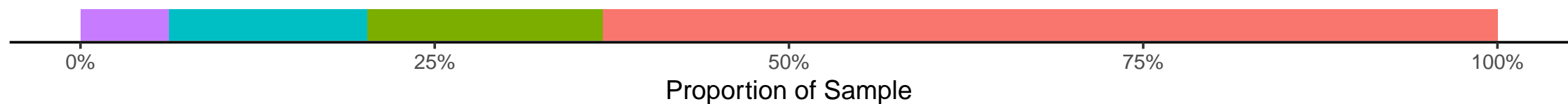
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 11000



Distribution of Sample Sizes



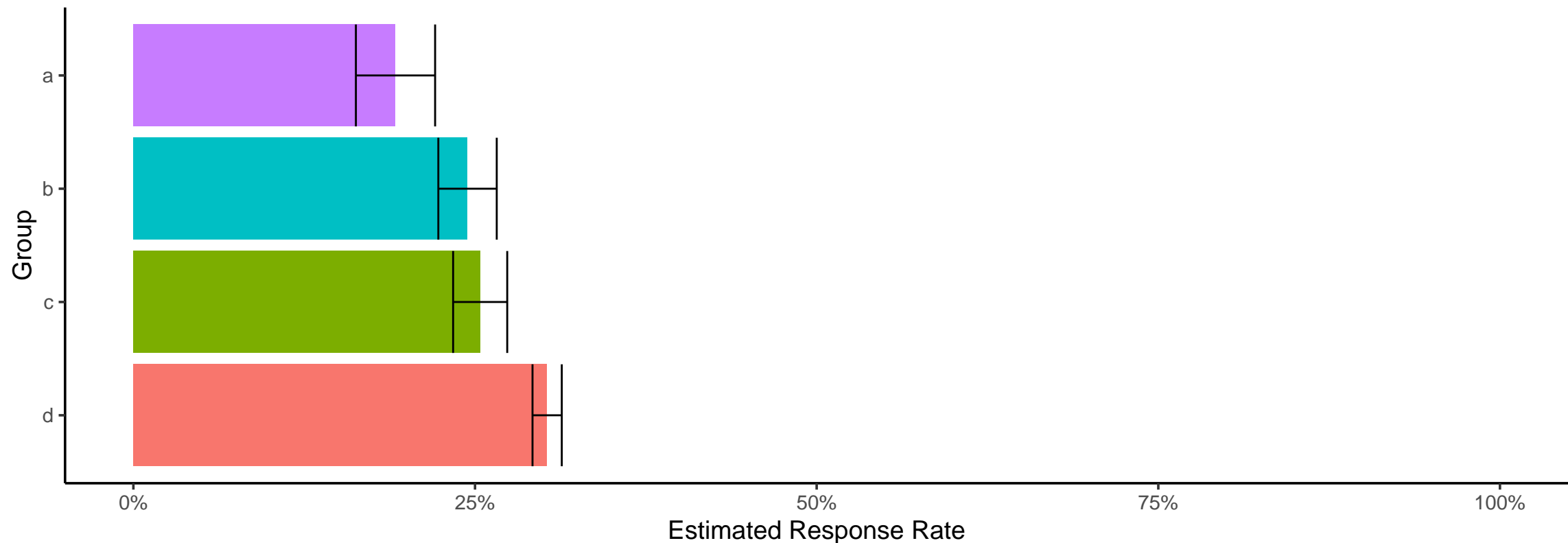
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

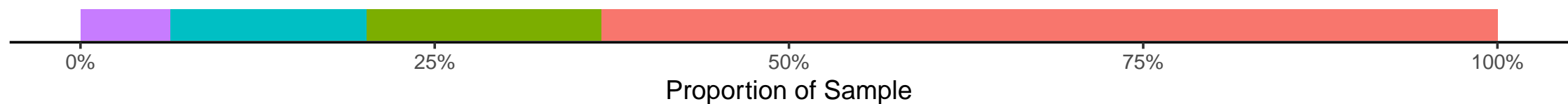
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 11200



Distribution of Sample Sizes



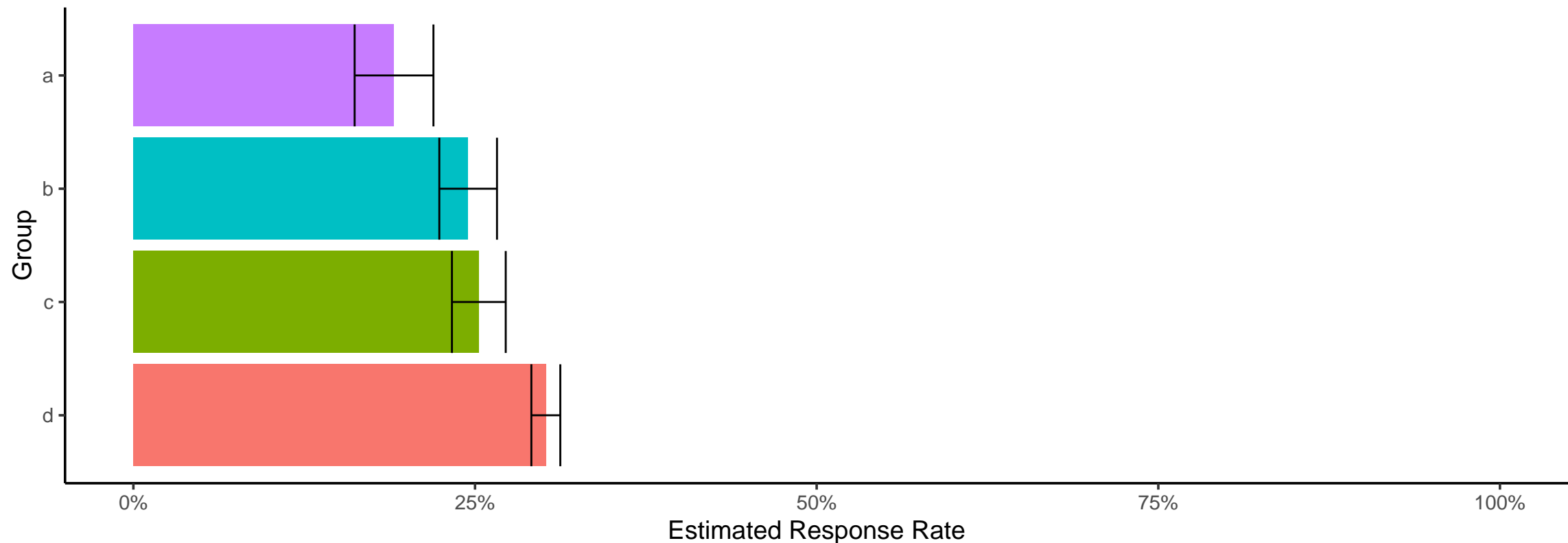
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

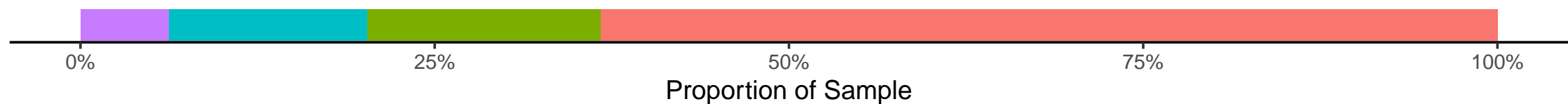
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 11400



Distribution of Sample Sizes



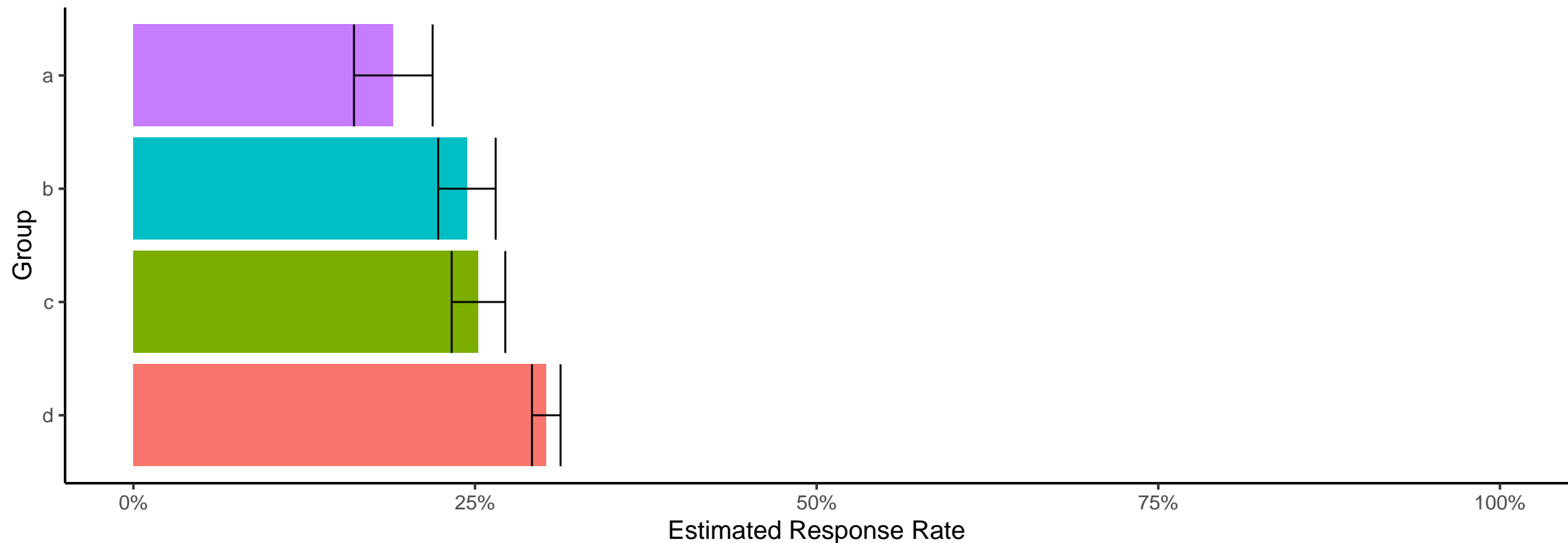
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

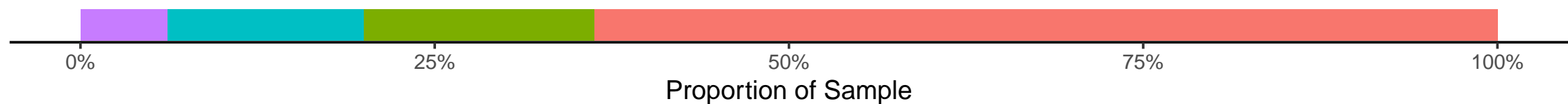
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 11600



Distribution of Sample Sizes



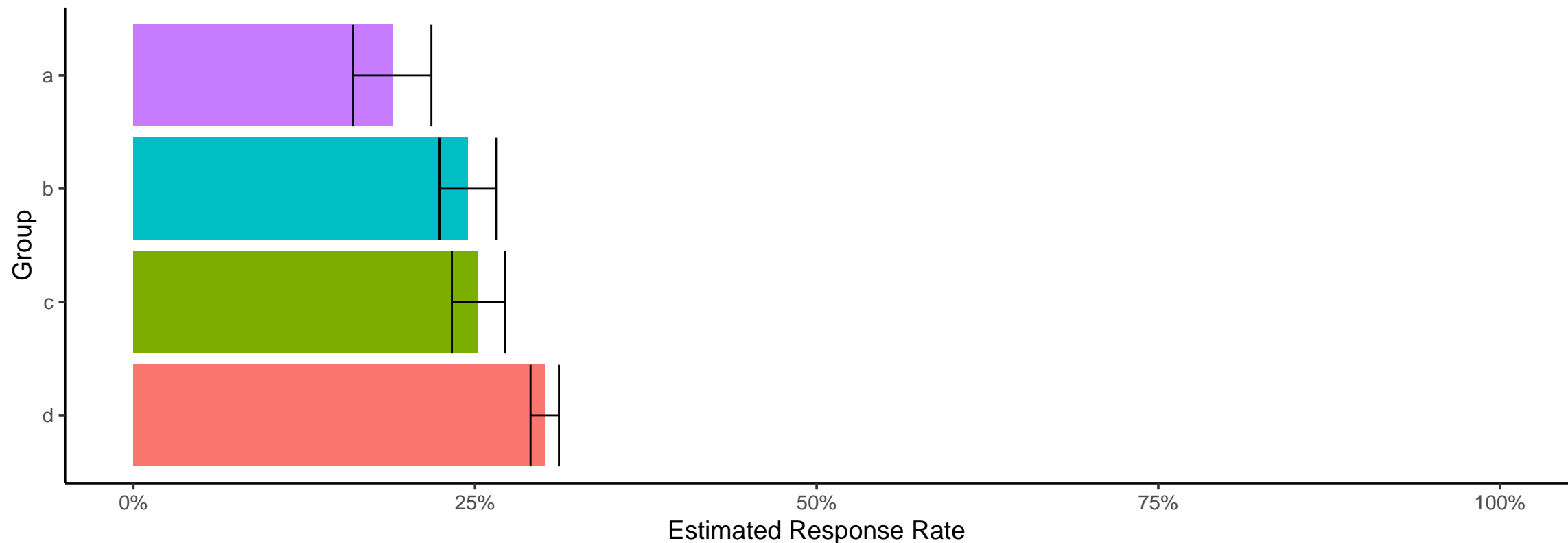
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

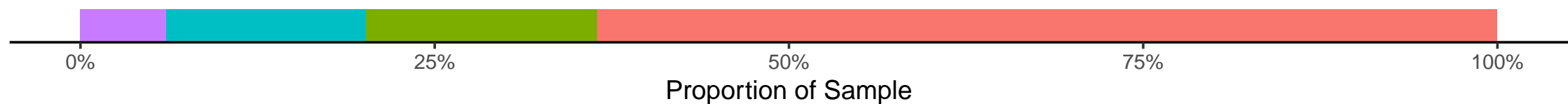
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 11800



Distribution of Sample Sizes



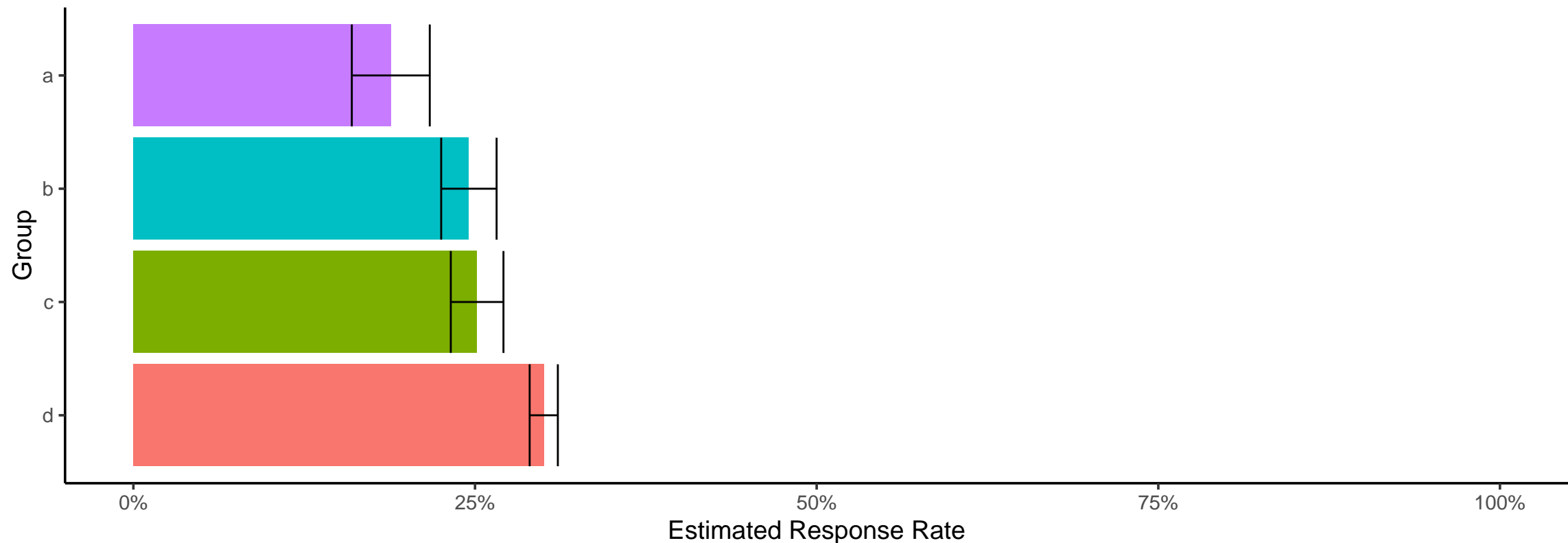
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

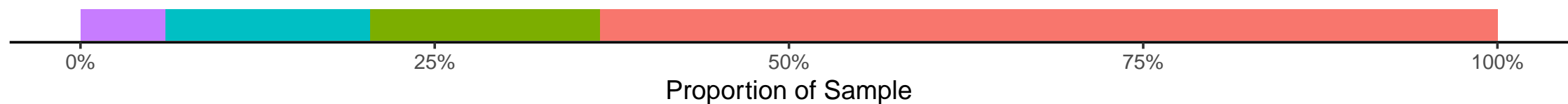
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 12000



Distribution of Sample Sizes



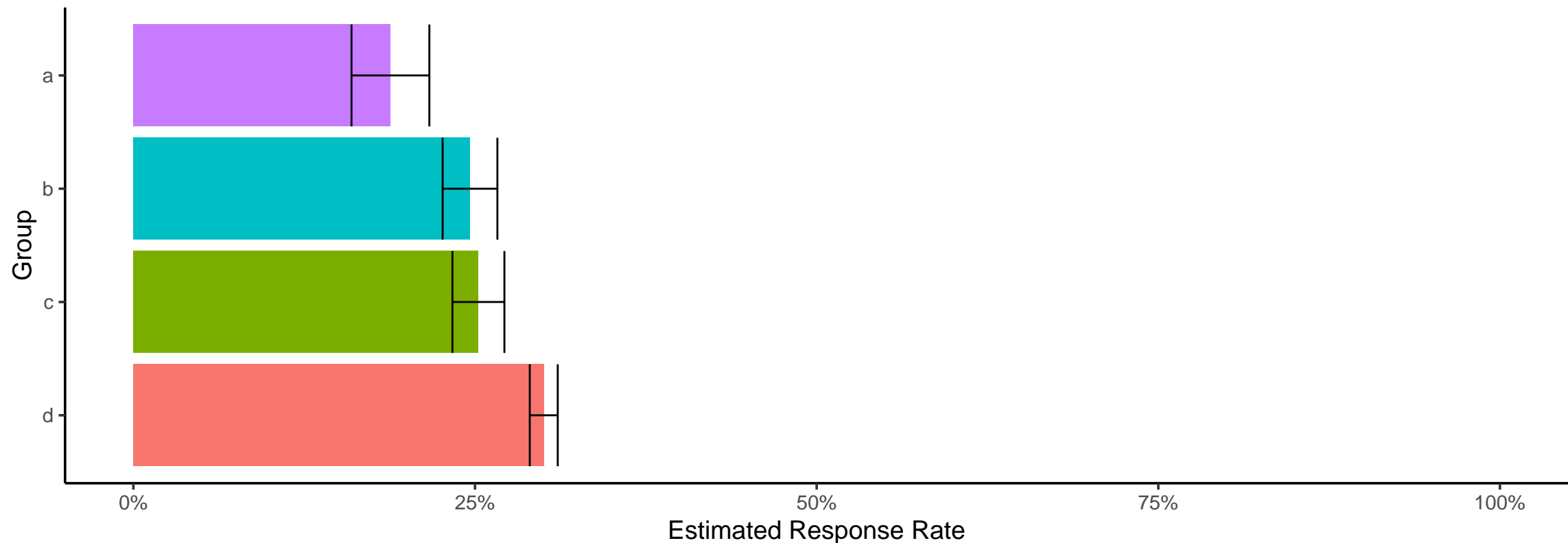
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

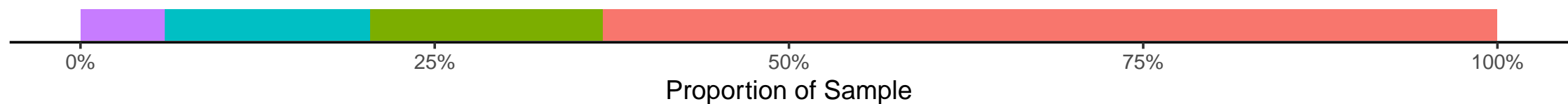
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 12200



Distribution of Sample Sizes



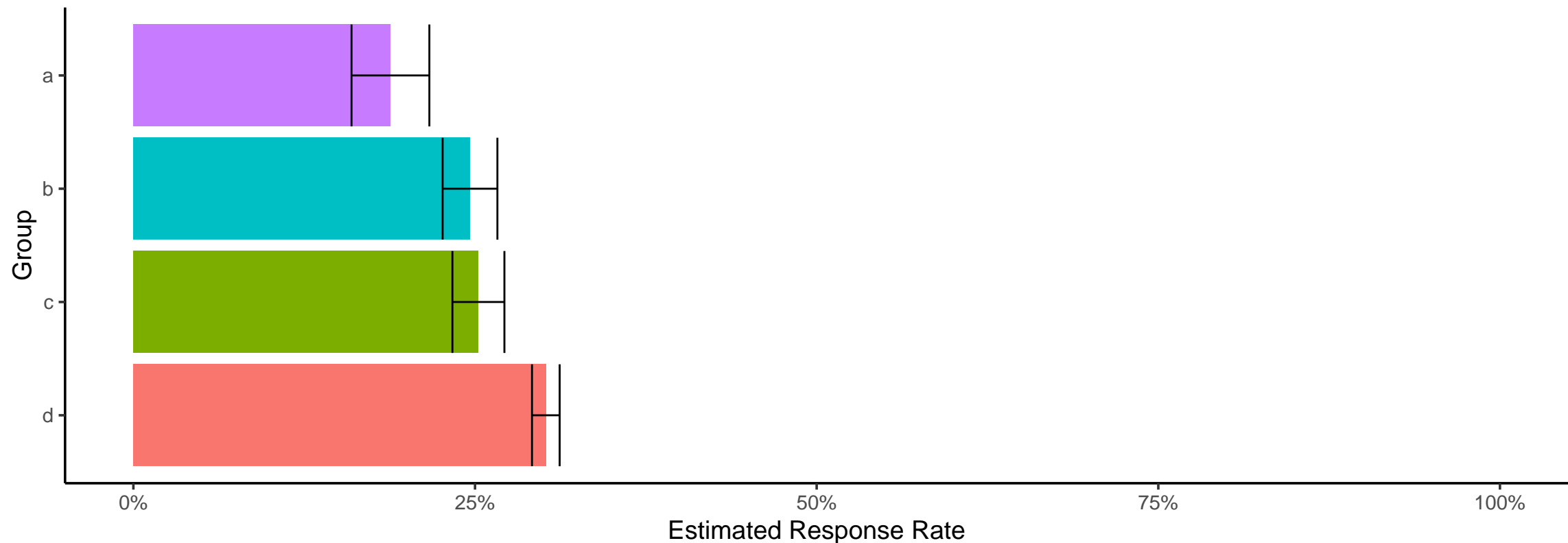
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

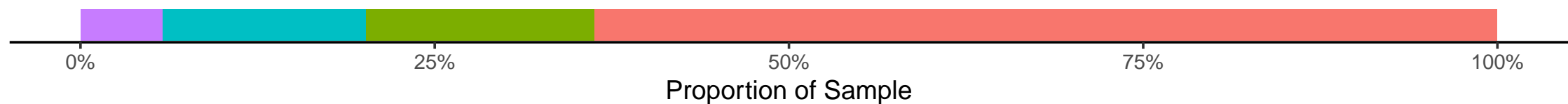
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 12400



Distribution of Sample Sizes



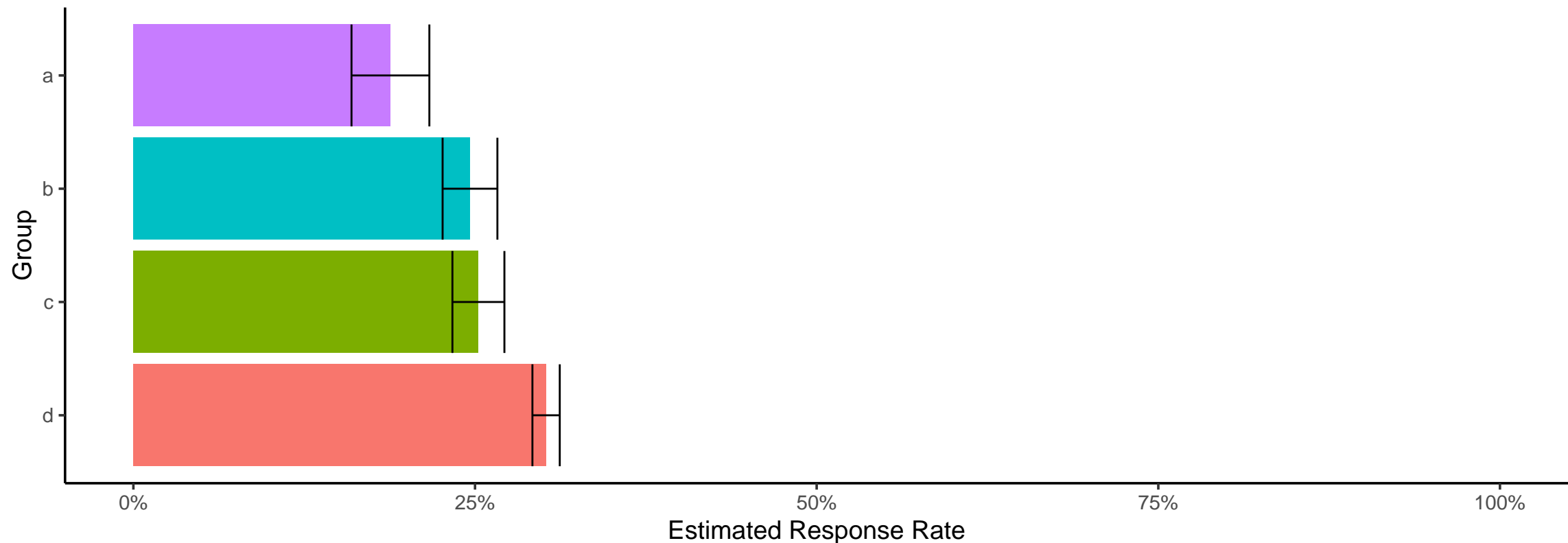
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

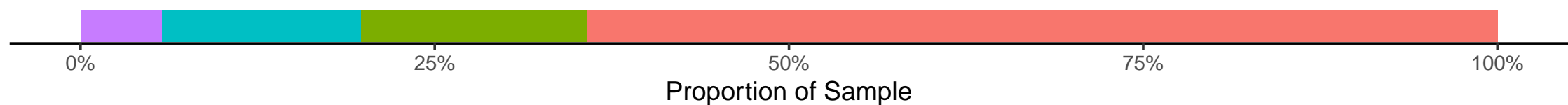
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 12600



Distribution of Sample Sizes



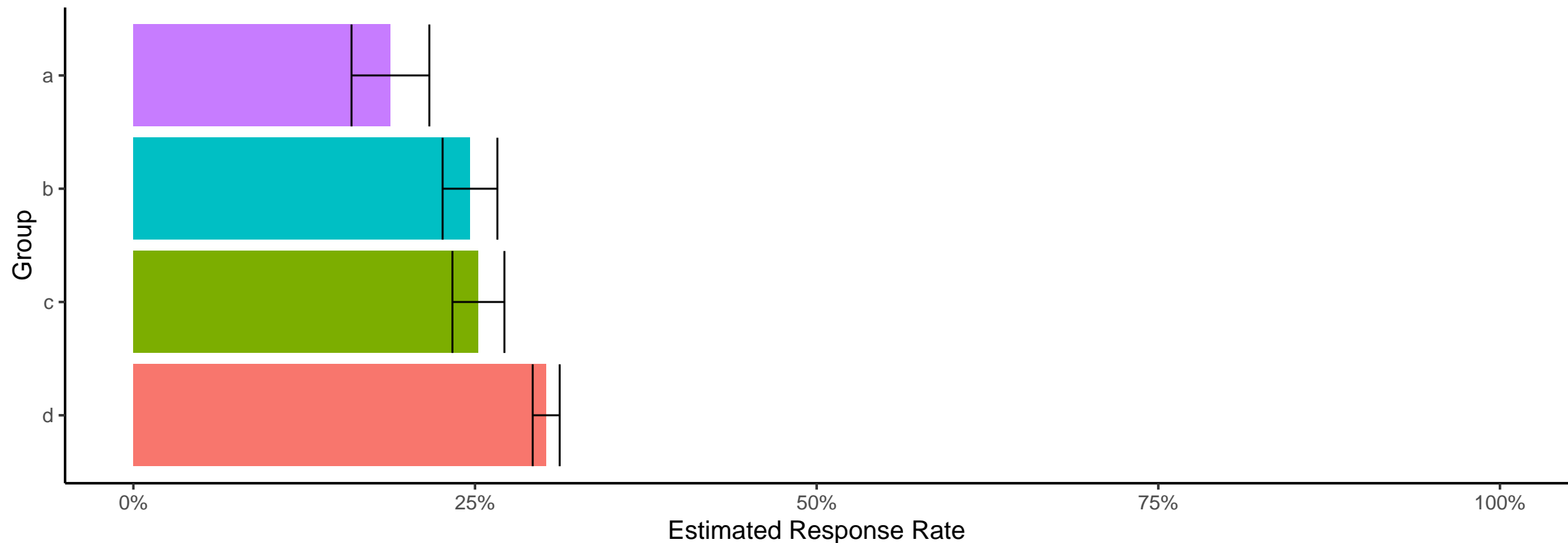
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

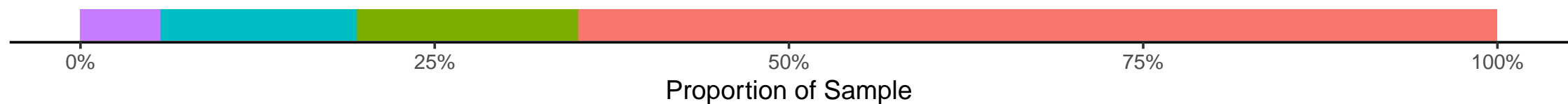
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 12800



Distribution of Sample Sizes



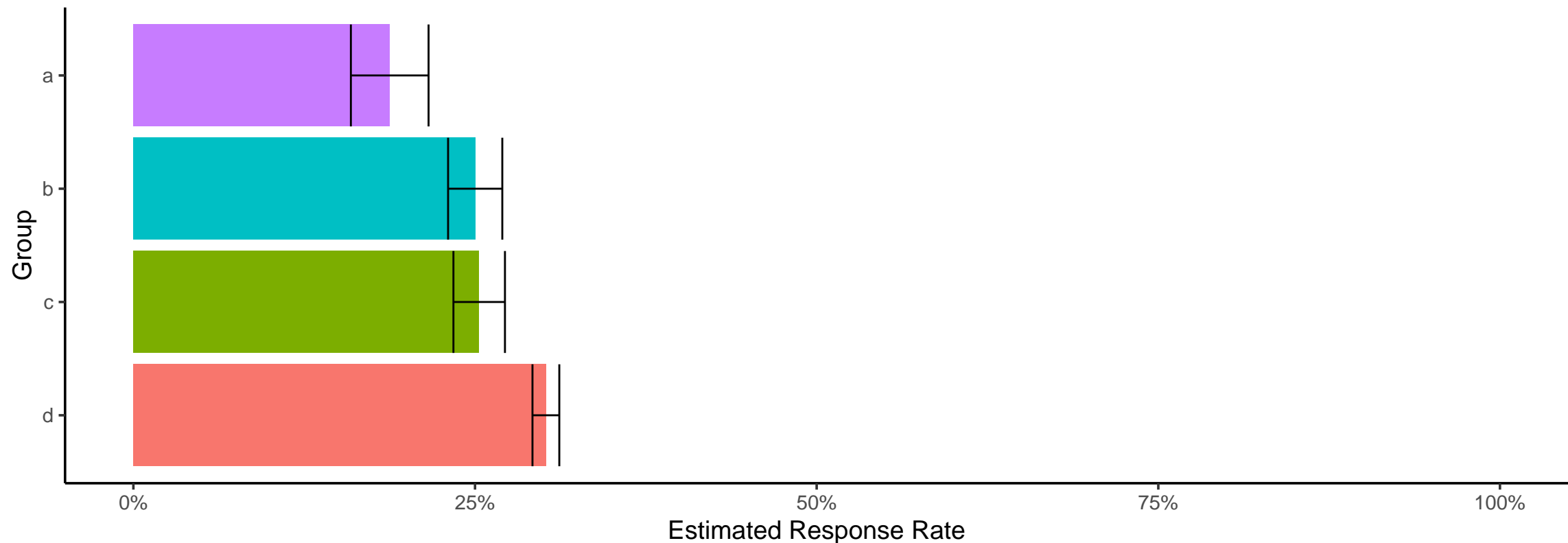
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

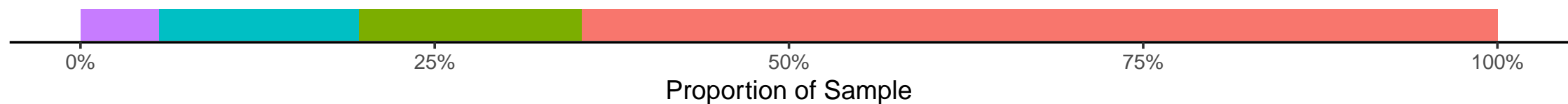
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 13000



Distribution of Sample Sizes



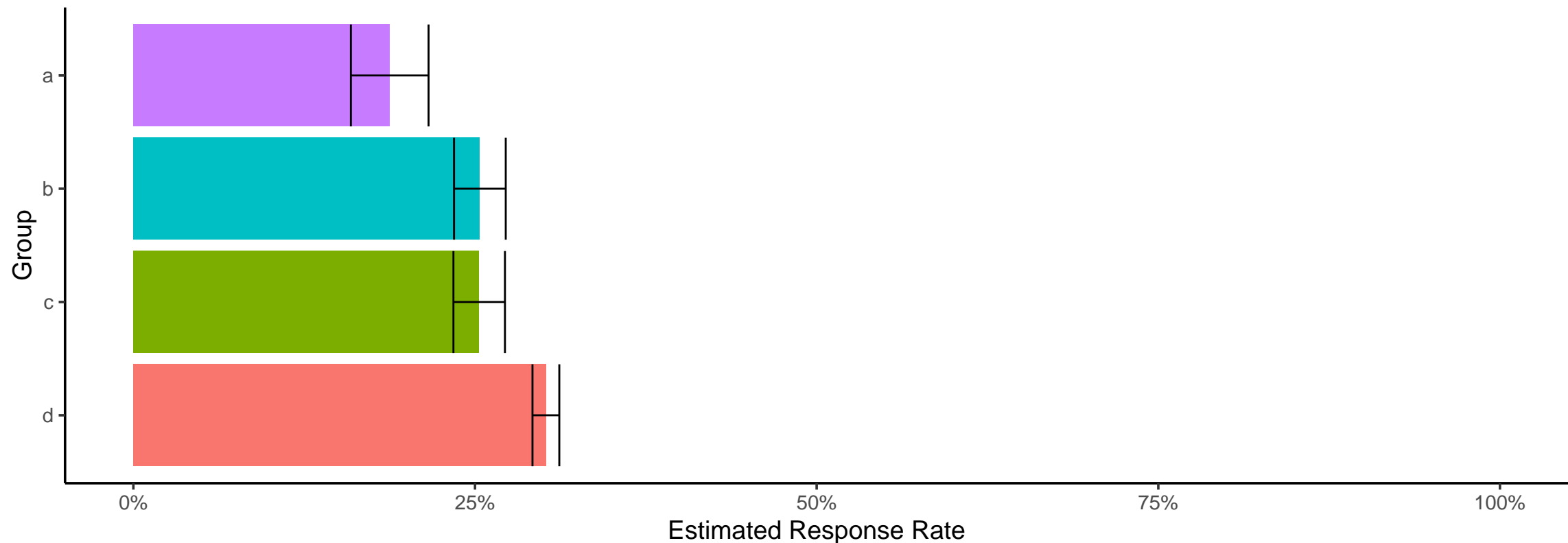
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

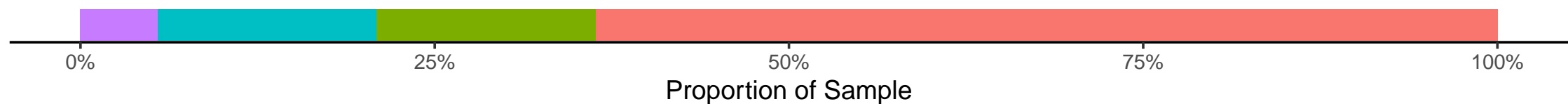
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 13200



Distribution of Sample Sizes



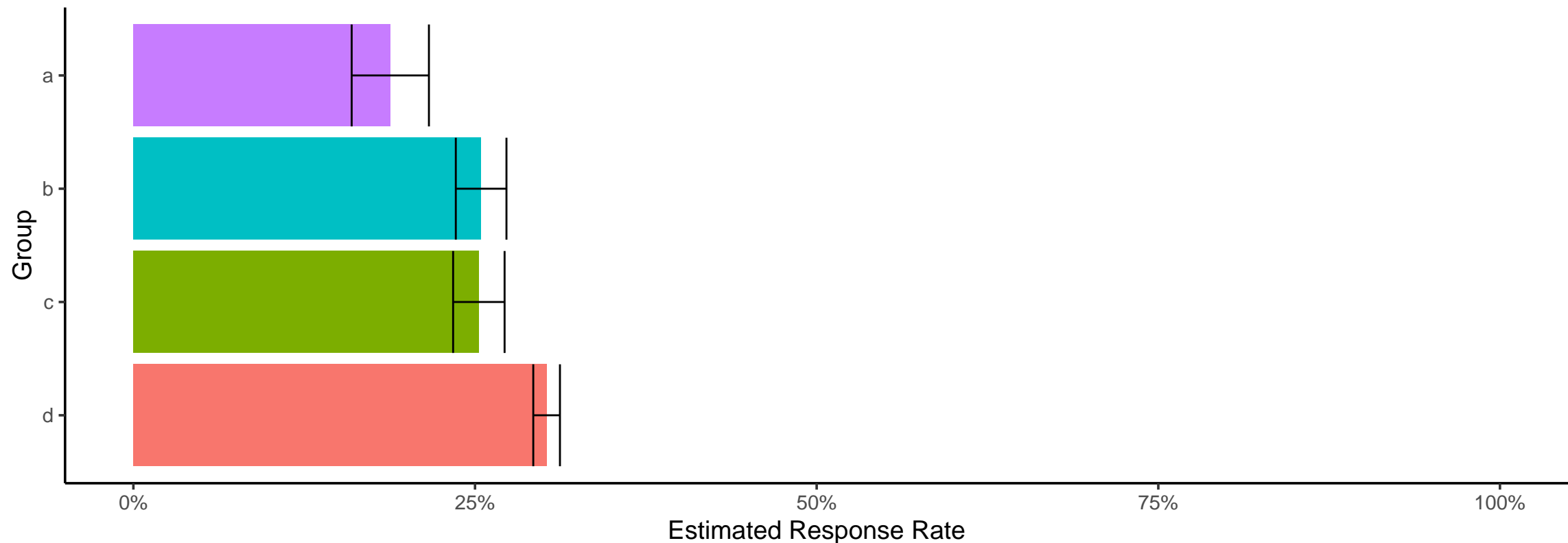
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

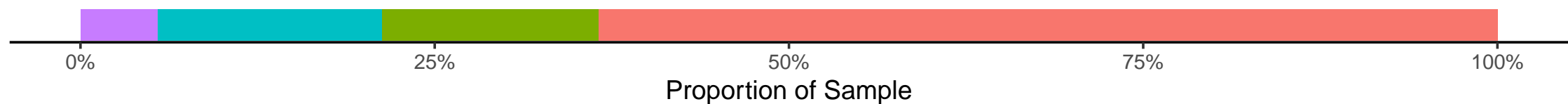
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 13400



Distribution of Sample Sizes



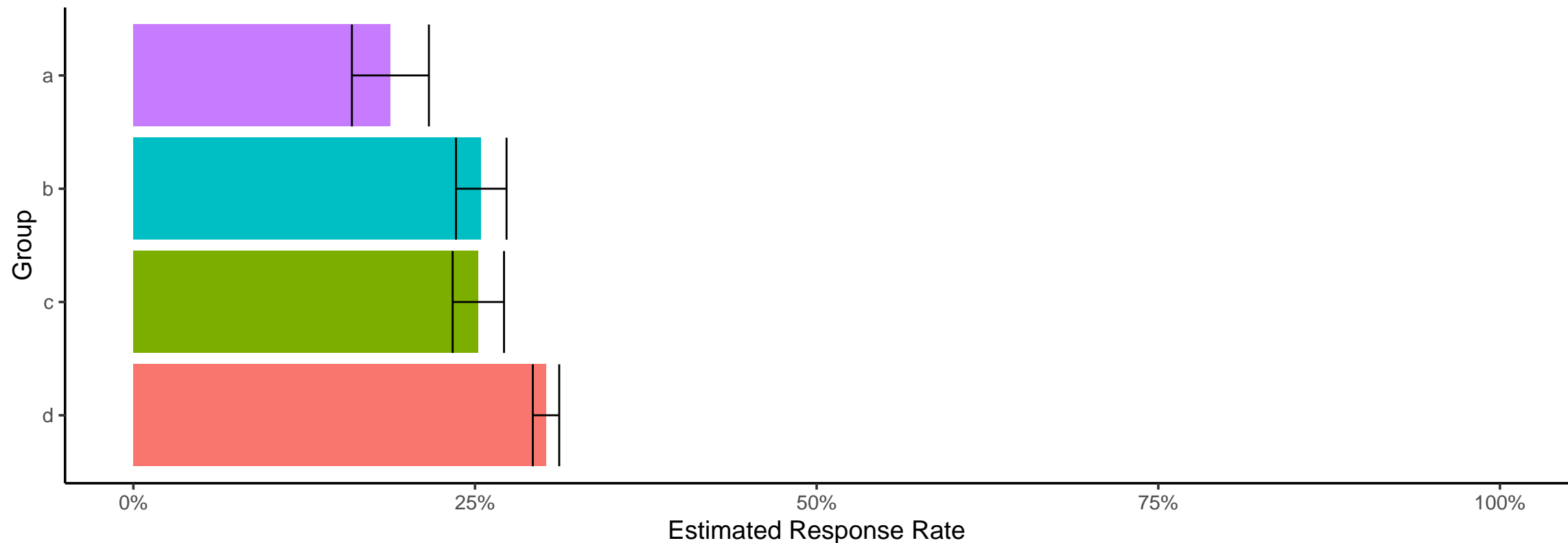
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

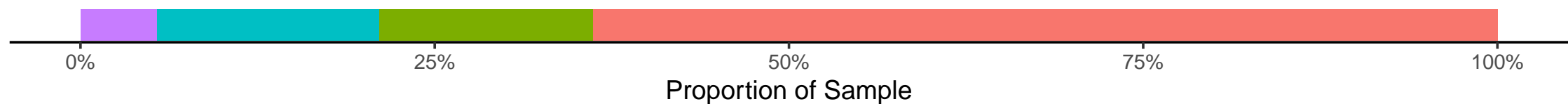
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 13600



Distribution of Sample Sizes



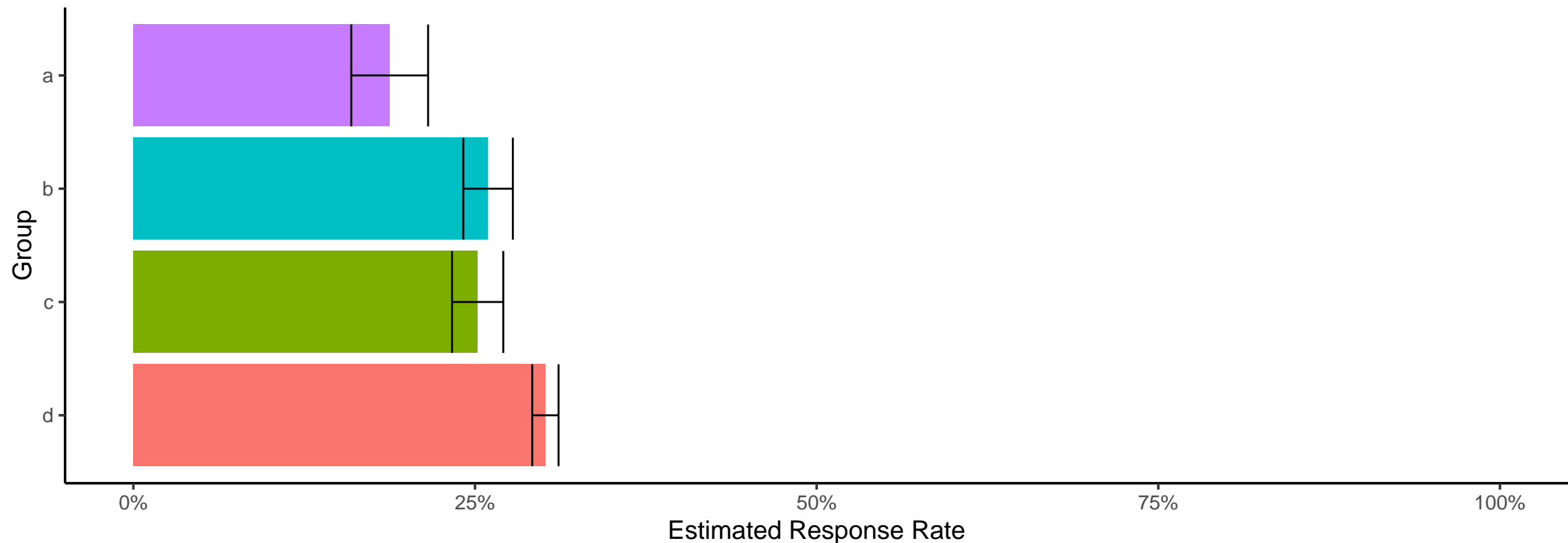
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

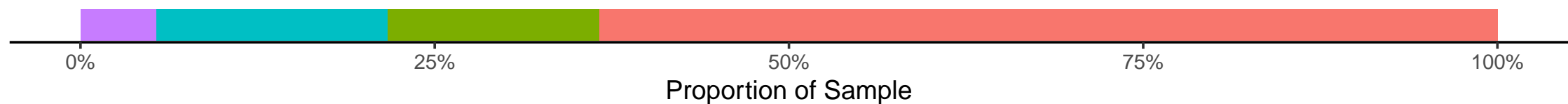
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 13800



Distribution of Sample Sizes



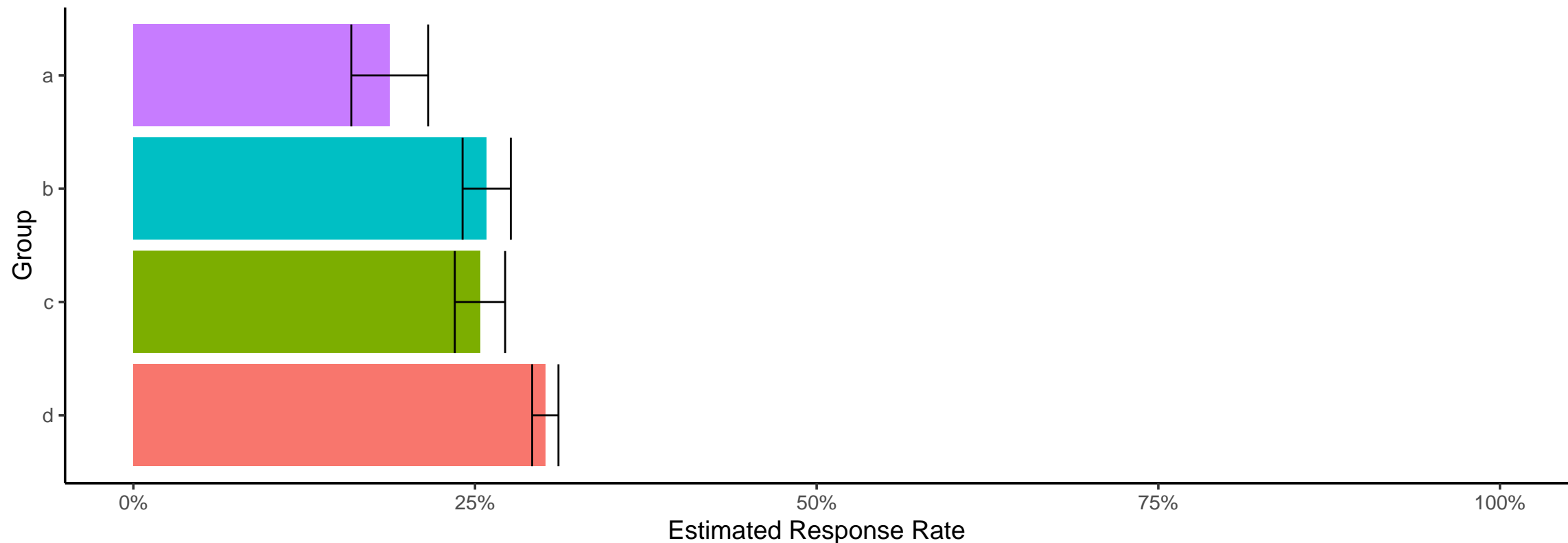
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

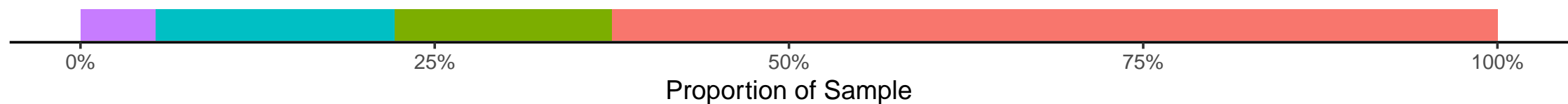
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 14000



Distribution of Sample Sizes



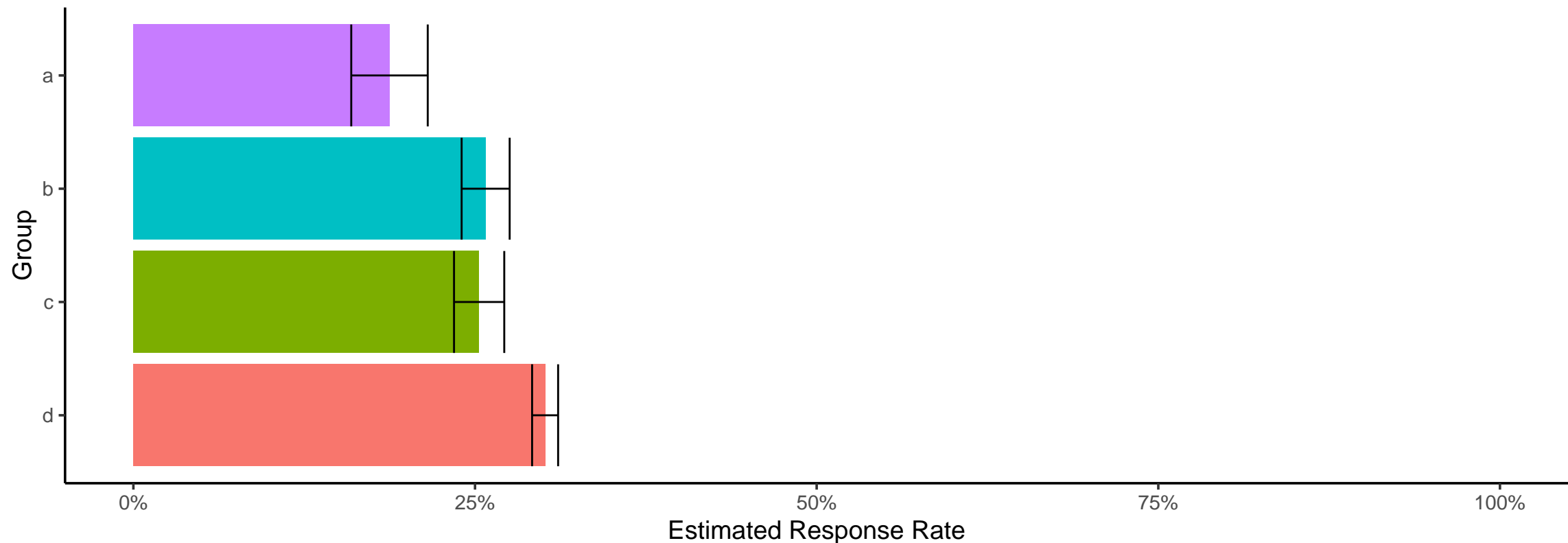
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

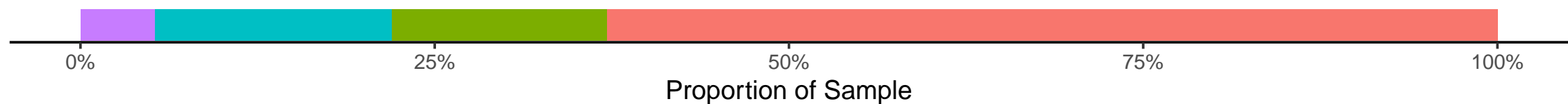
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 14200



Distribution of Sample Sizes



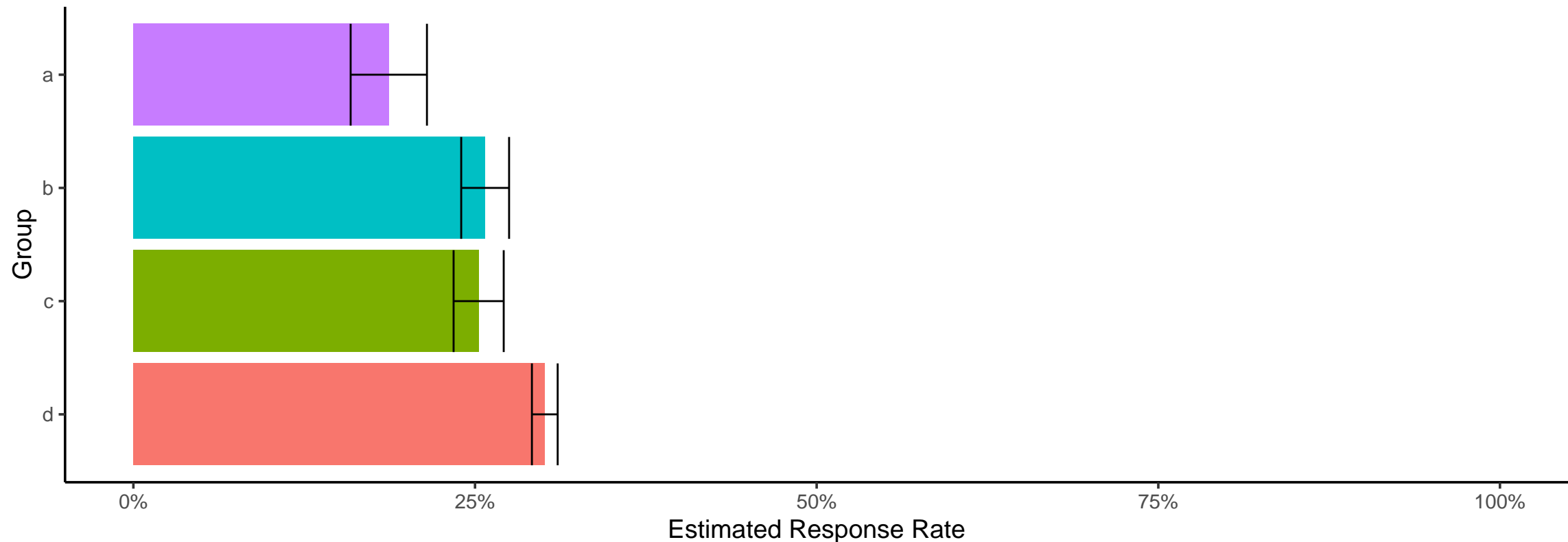
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

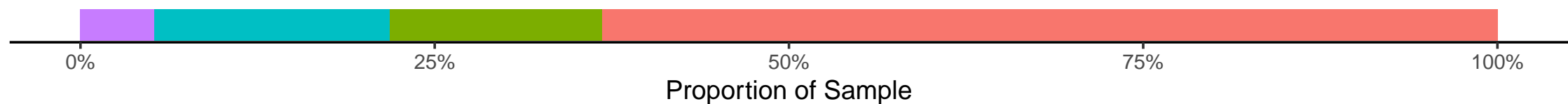
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 14400



Distribution of Sample Sizes



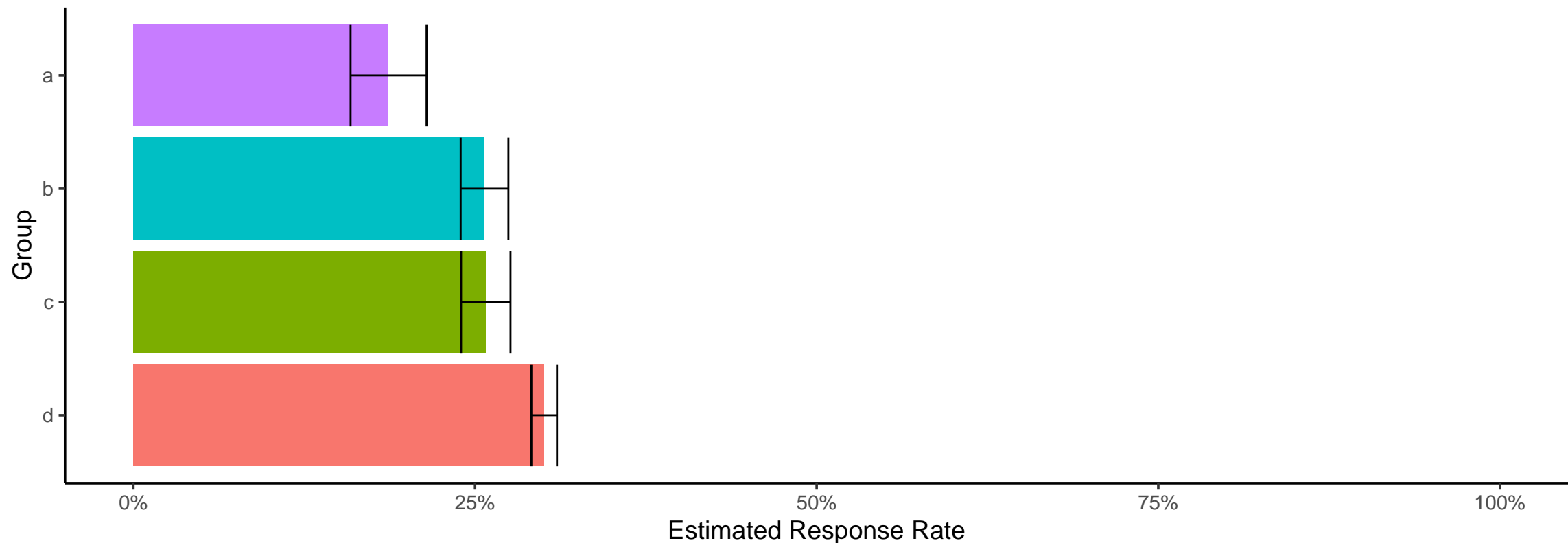
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

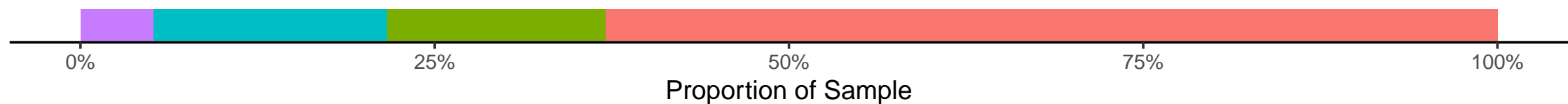
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 14600



Distribution of Sample Sizes



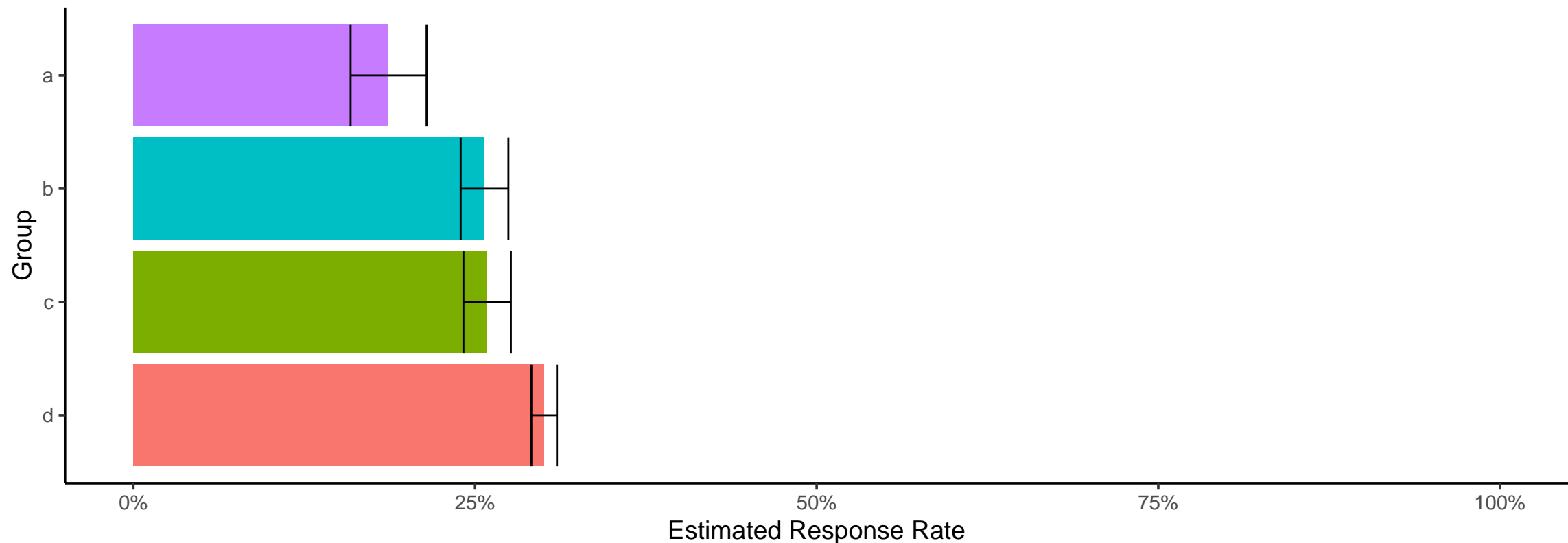
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

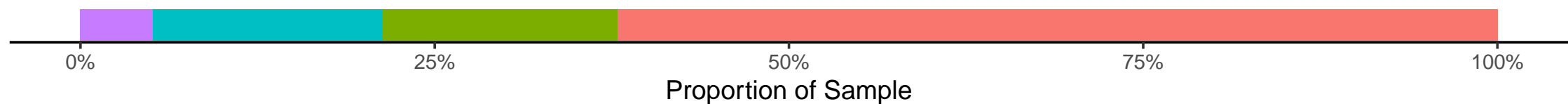
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 14800



Distribution of Sample Sizes



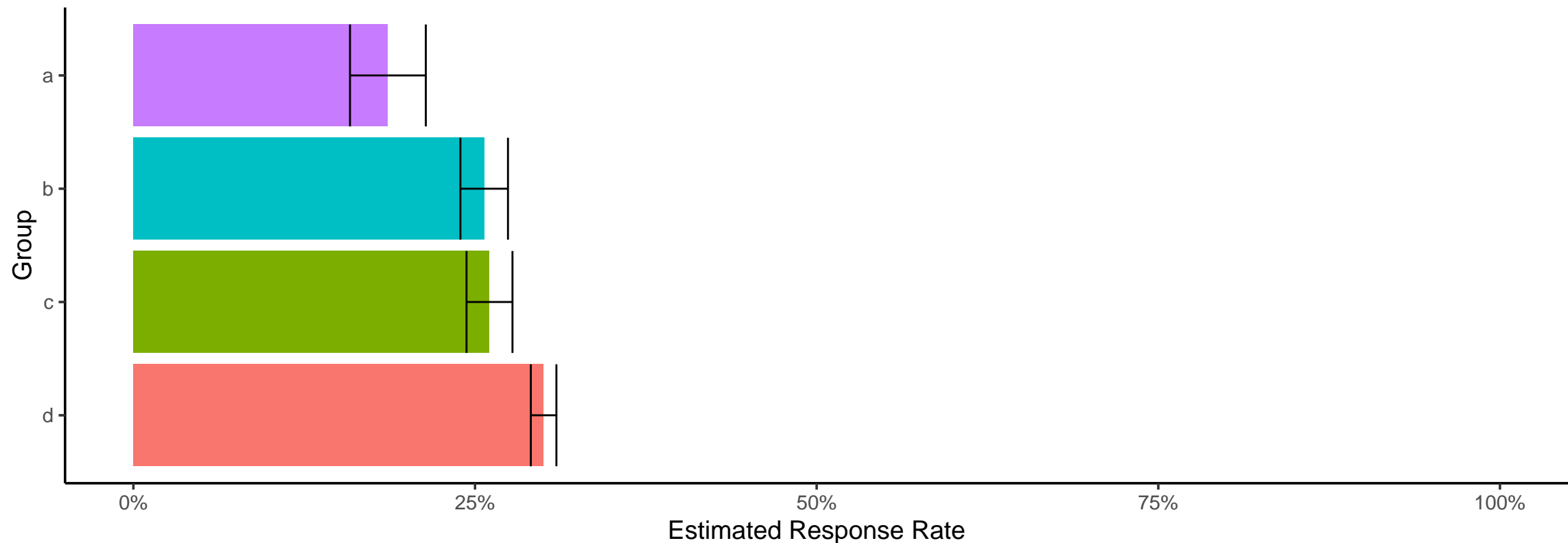
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

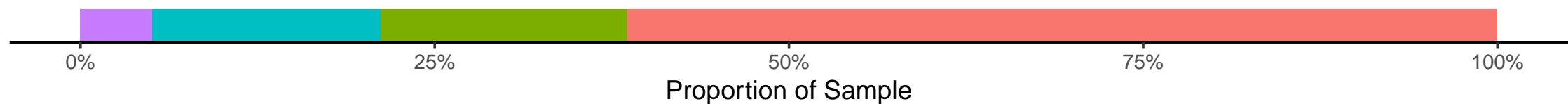
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 15000



Distribution of Sample Sizes



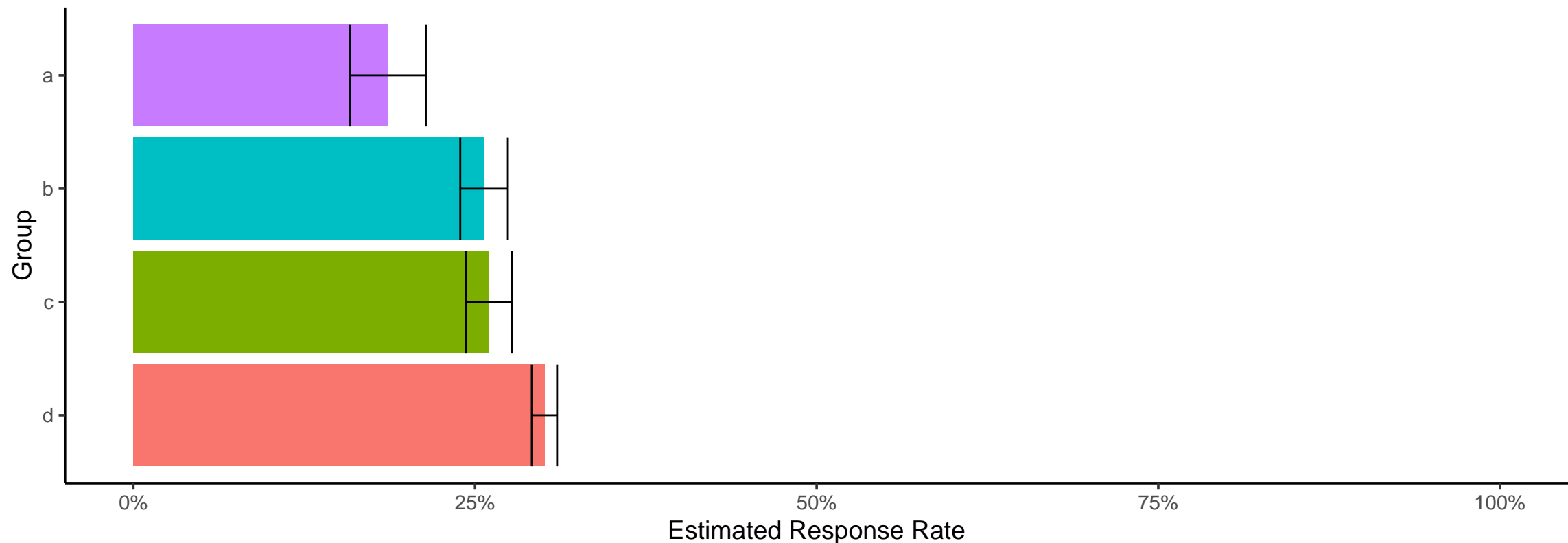
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

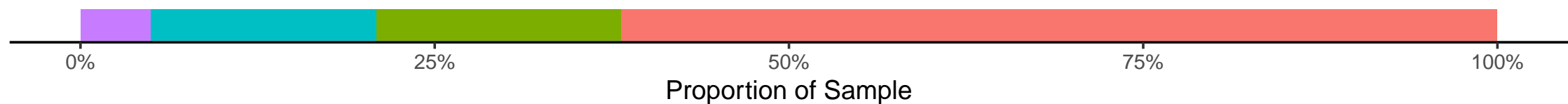
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 15200



Distribution of Sample Sizes



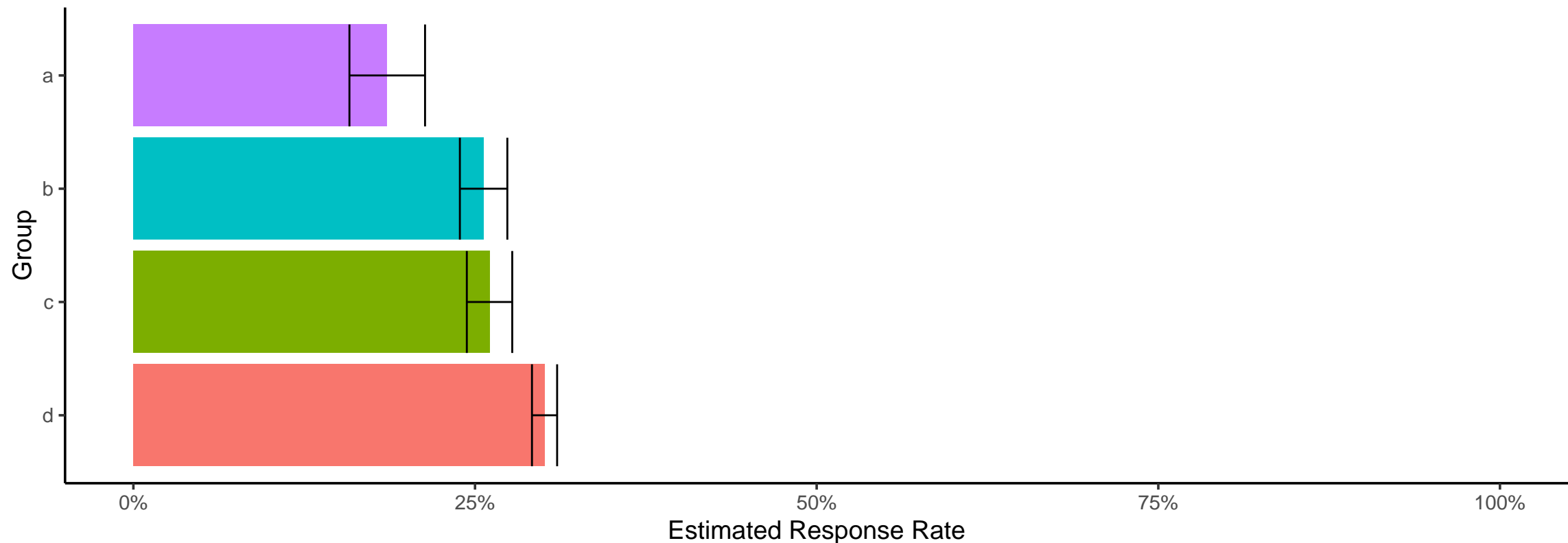
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

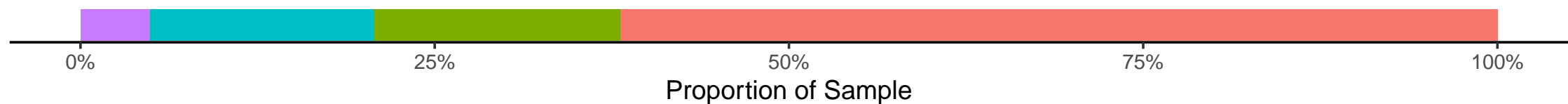
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 15400



Distribution of Sample Sizes



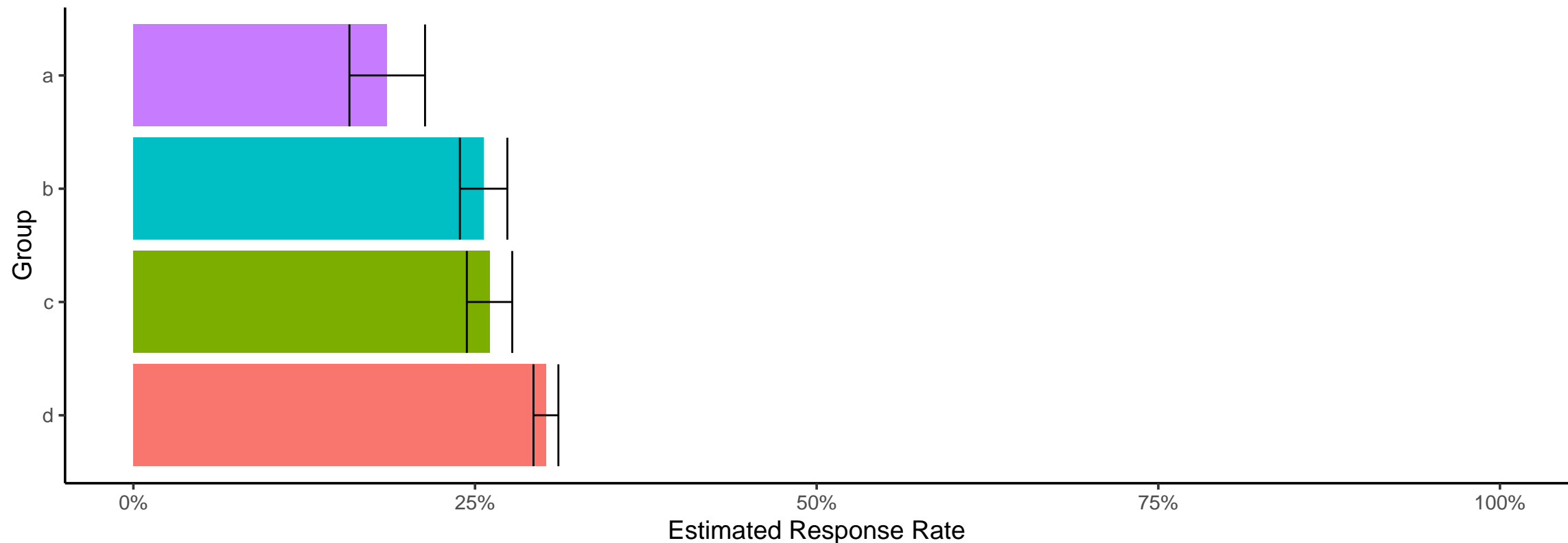
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

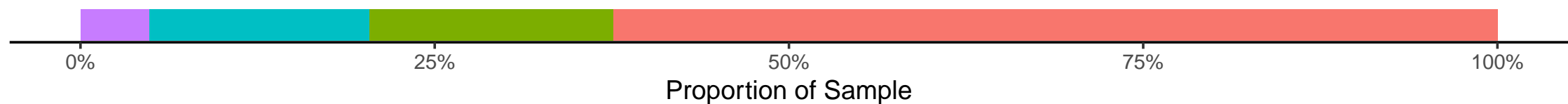
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 15600



Distribution of Sample Sizes



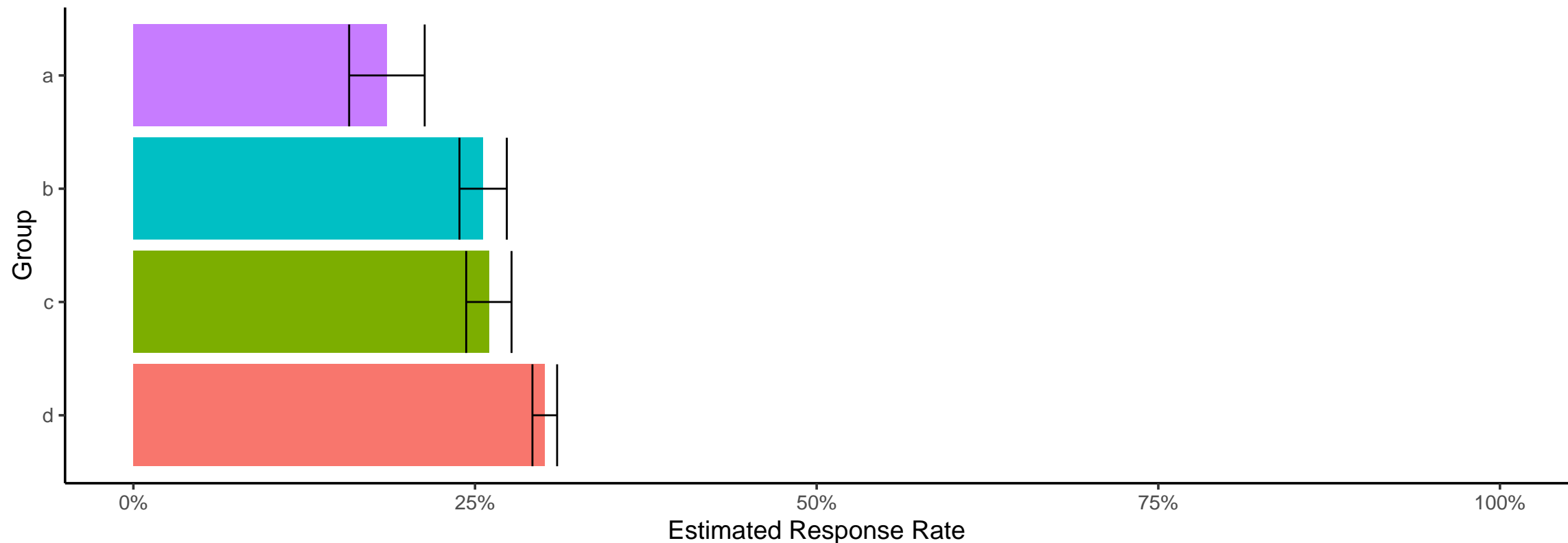
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

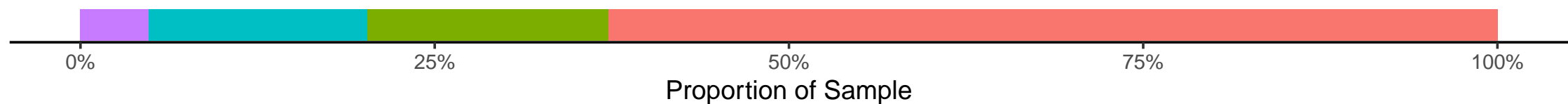
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 15800



Distribution of Sample Sizes



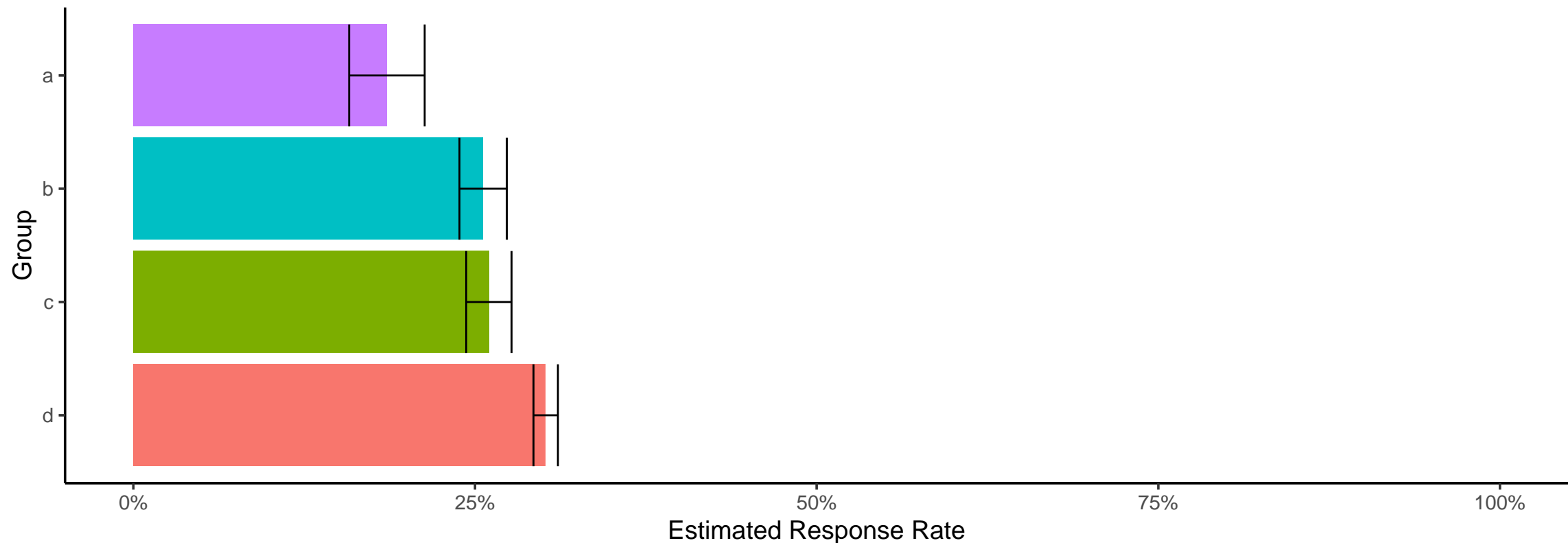
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

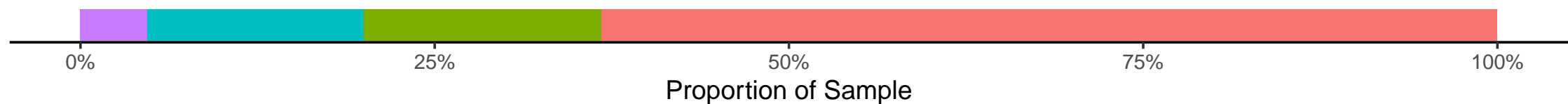
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 16000



Distribution of Sample Sizes



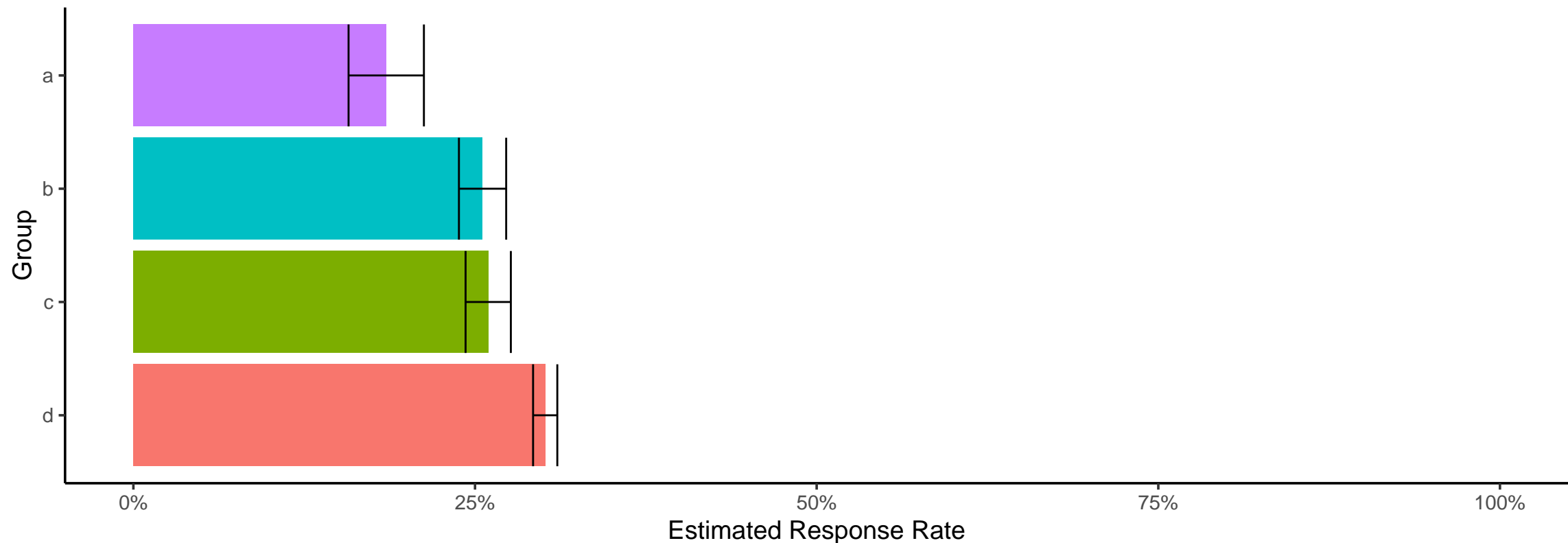
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

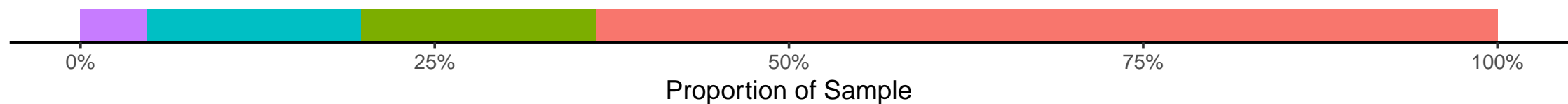
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 16200



Distribution of Sample Sizes



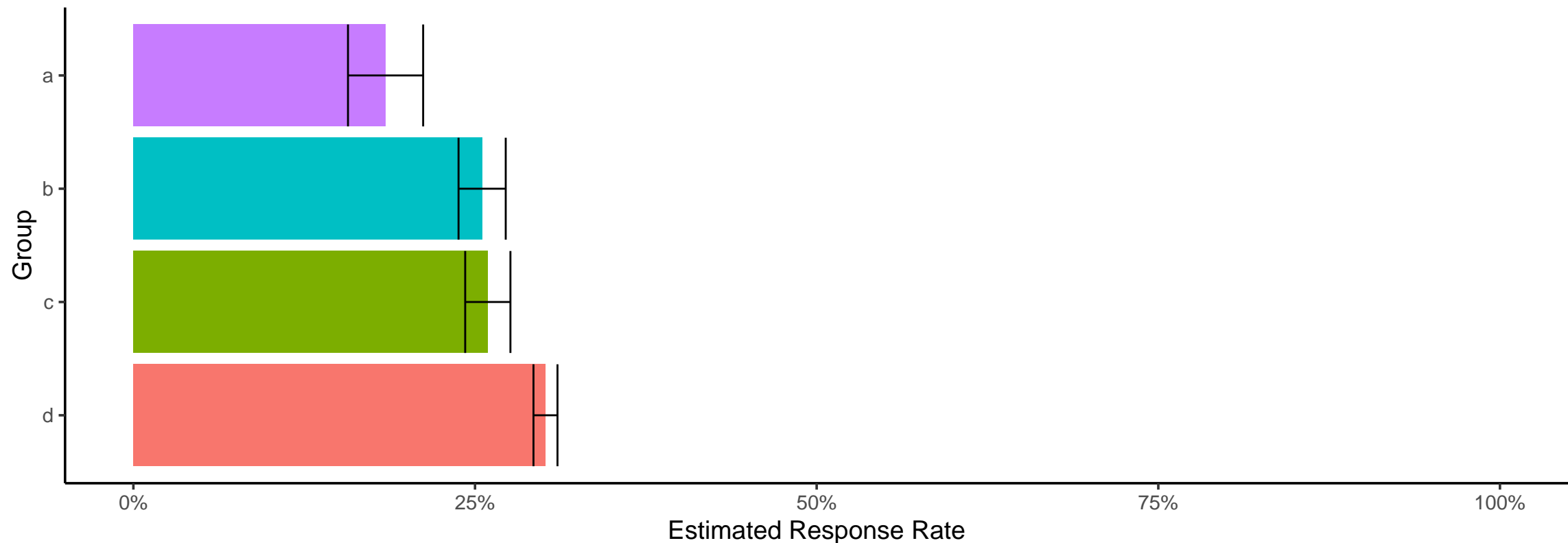
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

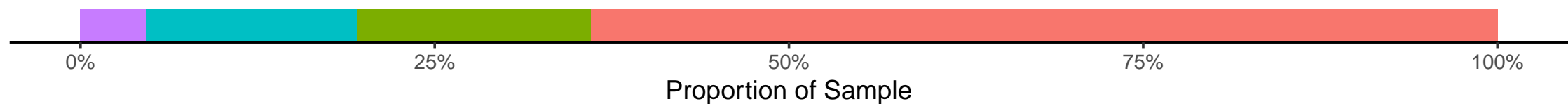
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 16400



Distribution of Sample Sizes



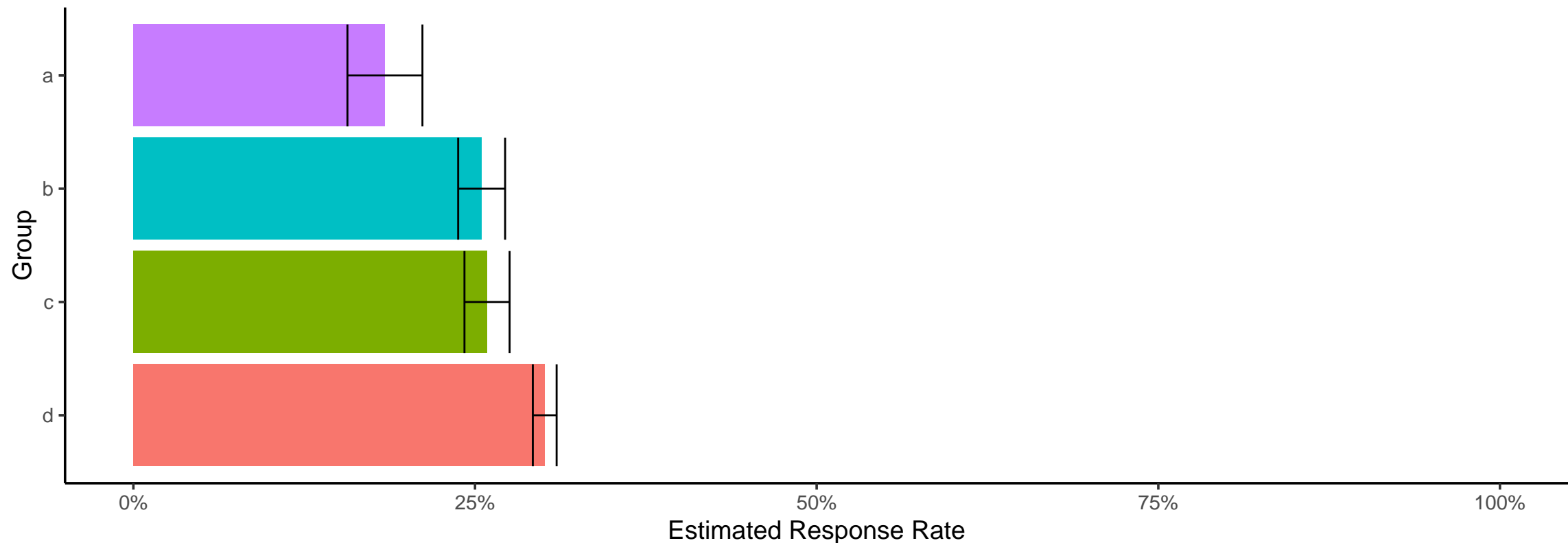
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

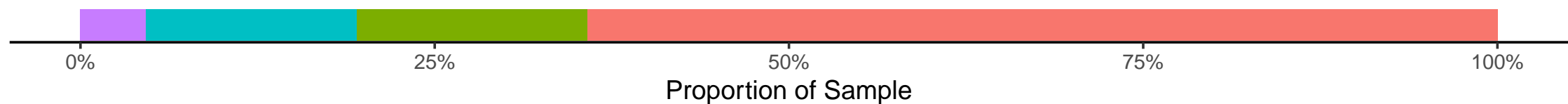
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 16600



Distribution of Sample Sizes



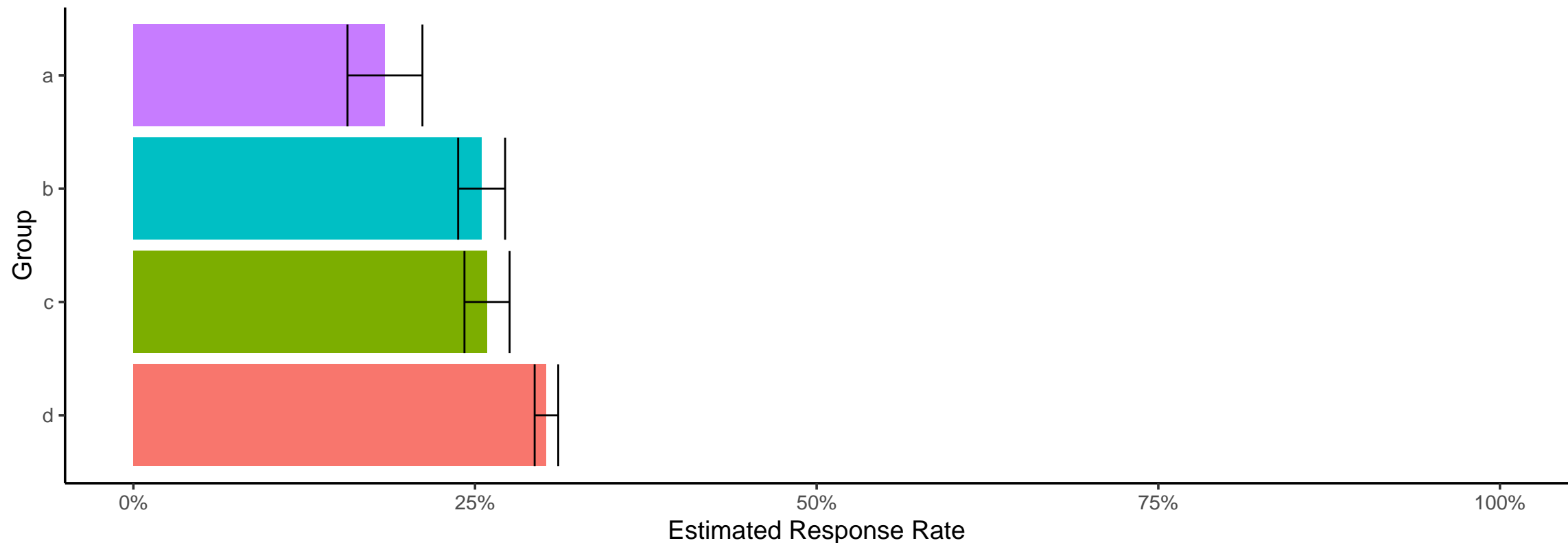
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

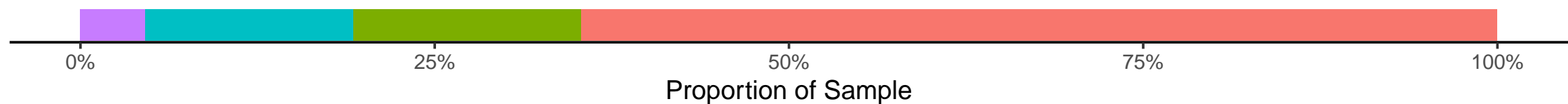
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 16800



Distribution of Sample Sizes



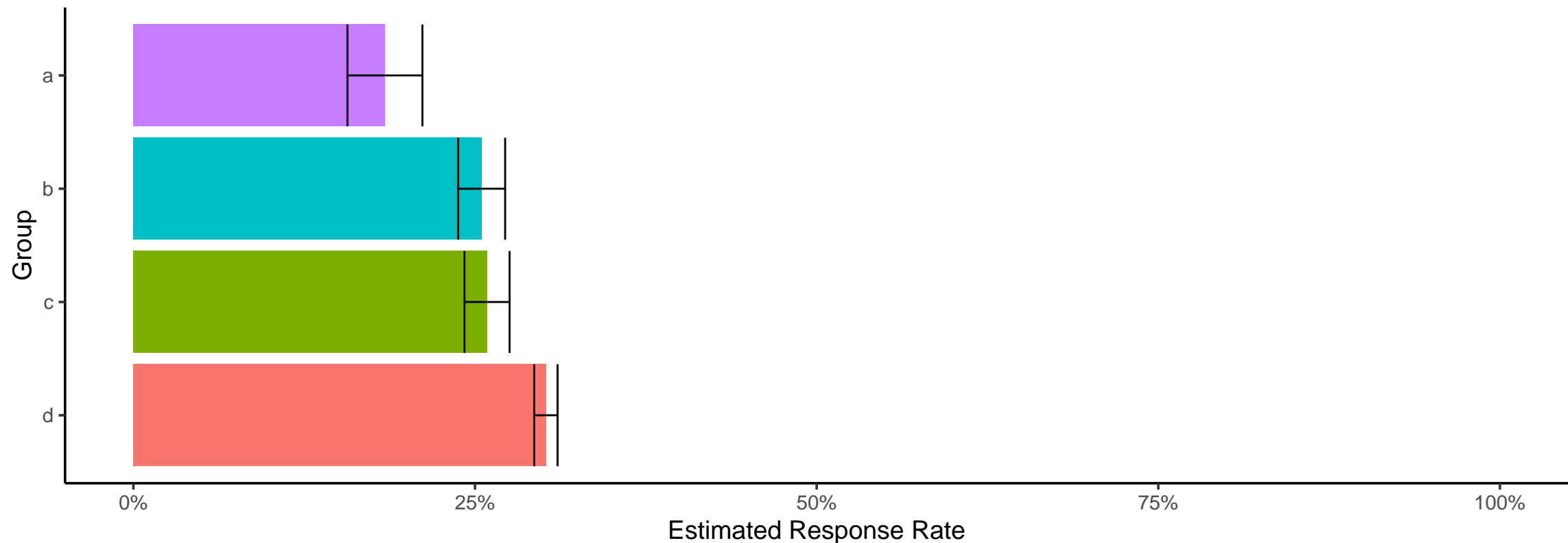
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

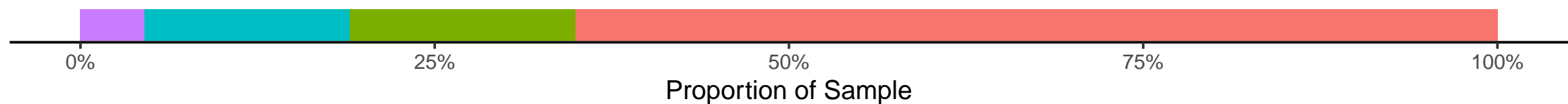
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 17000



Distribution of Sample Sizes



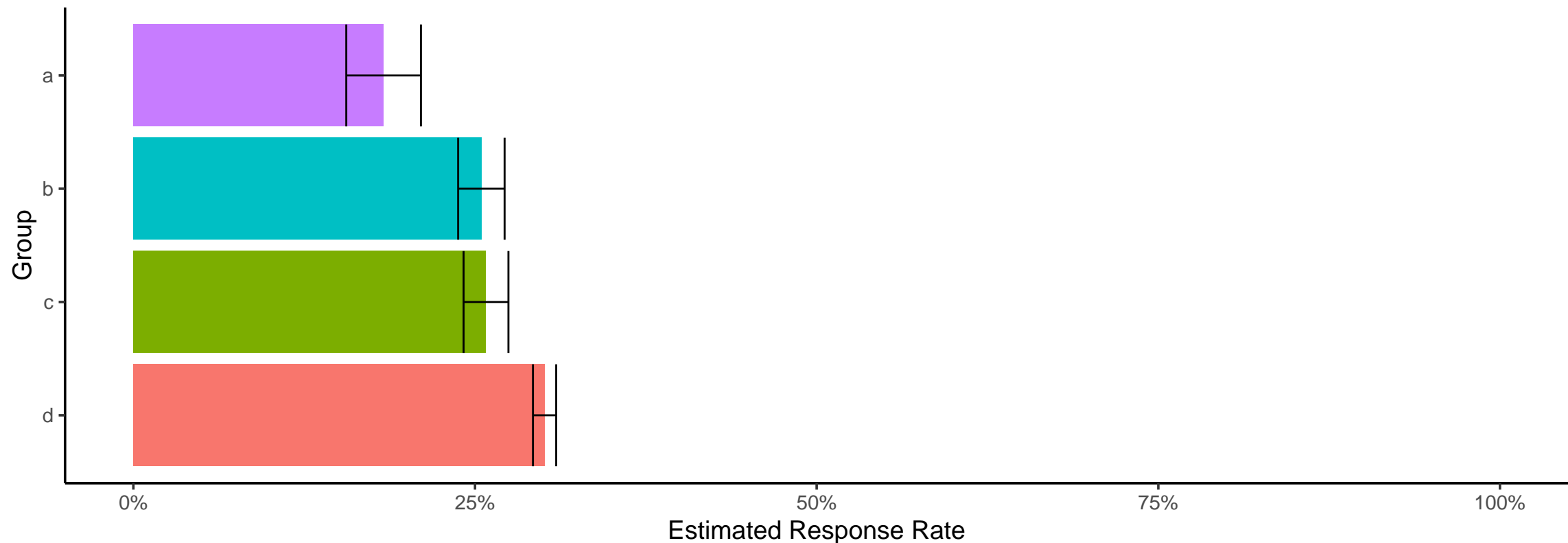
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

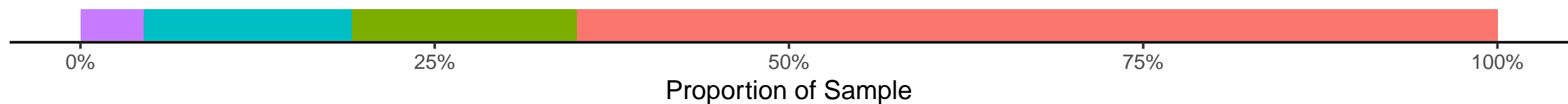
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 17200



Distribution of Sample Sizes



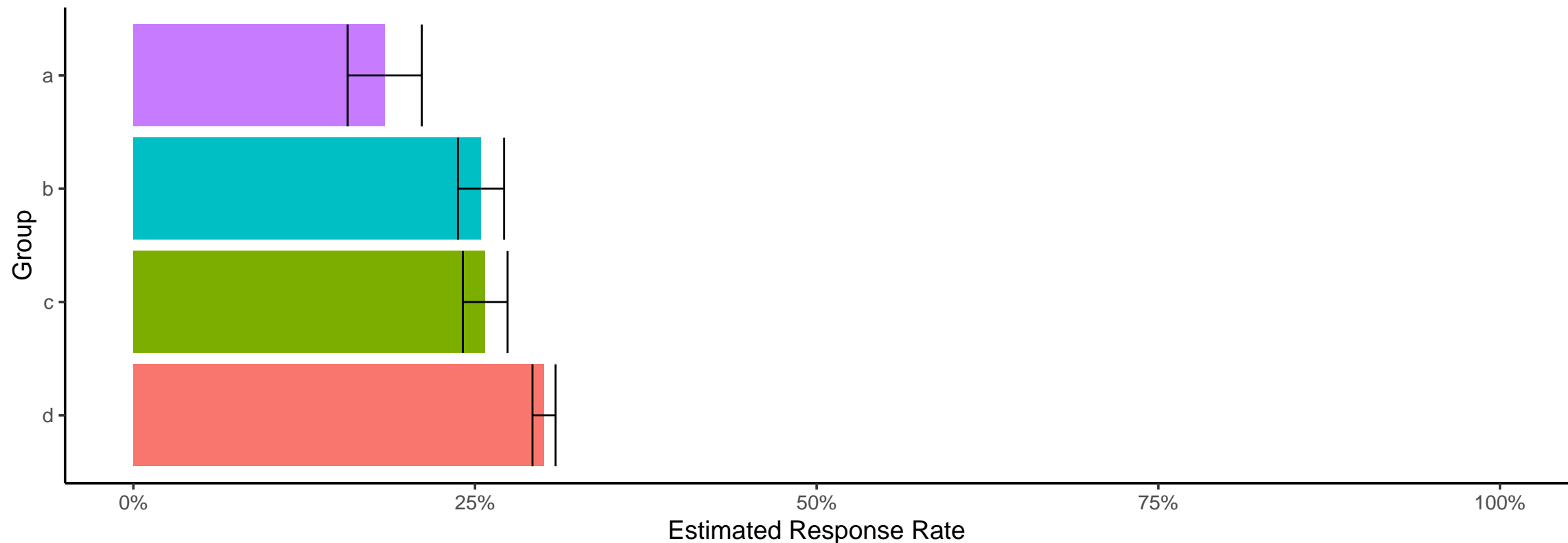
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

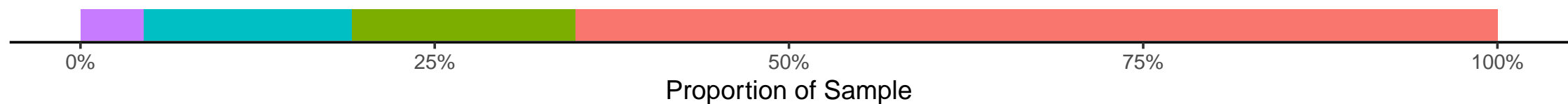
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 17400



Distribution of Sample Sizes



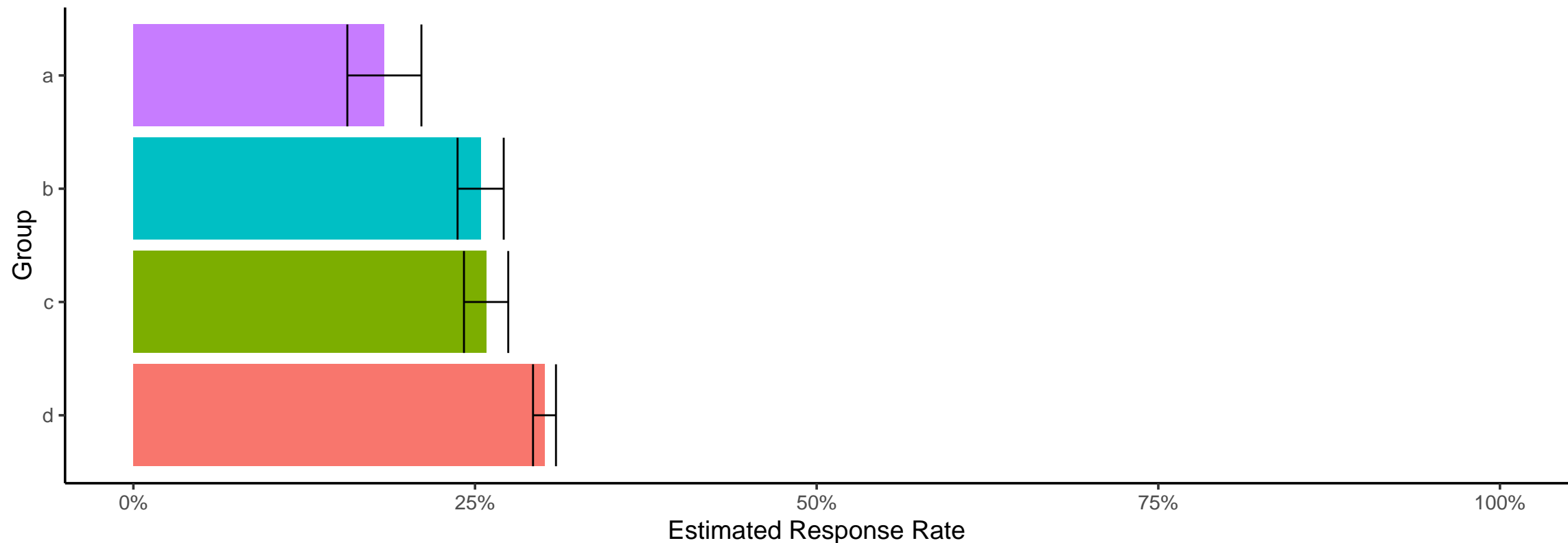
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

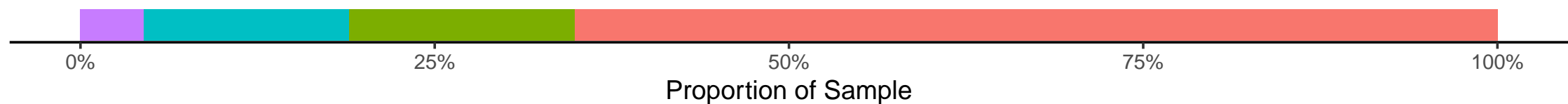
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 17600



Distribution of Sample Sizes



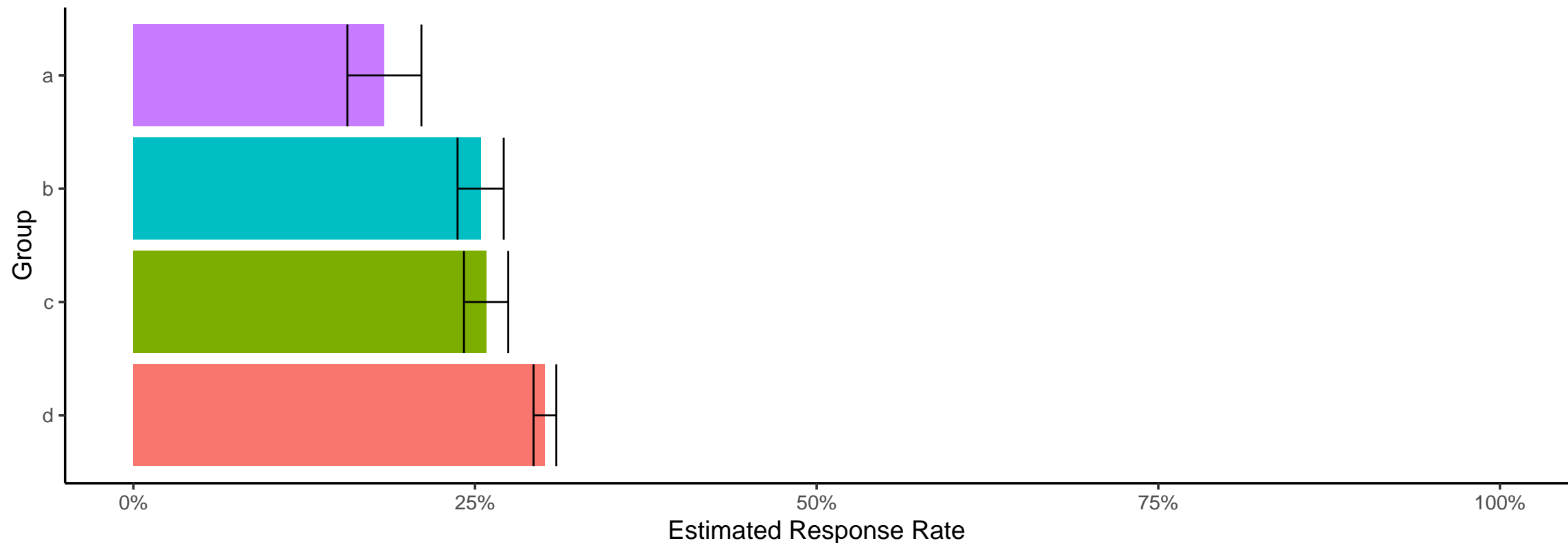
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

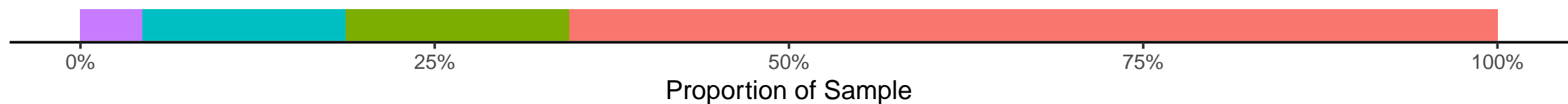
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 17800



Distribution of Sample Sizes



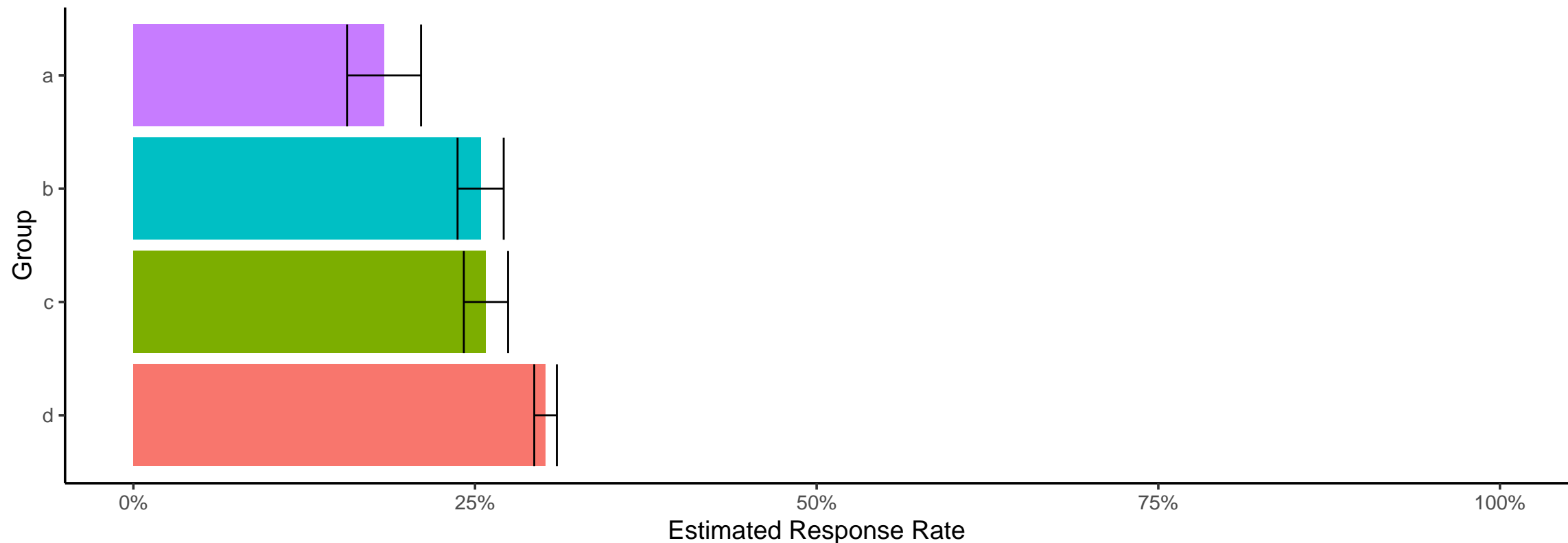
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

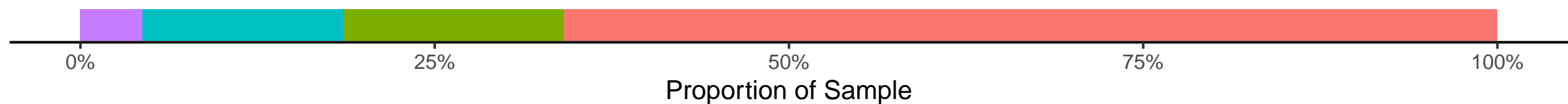
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 18000



Distribution of Sample Sizes



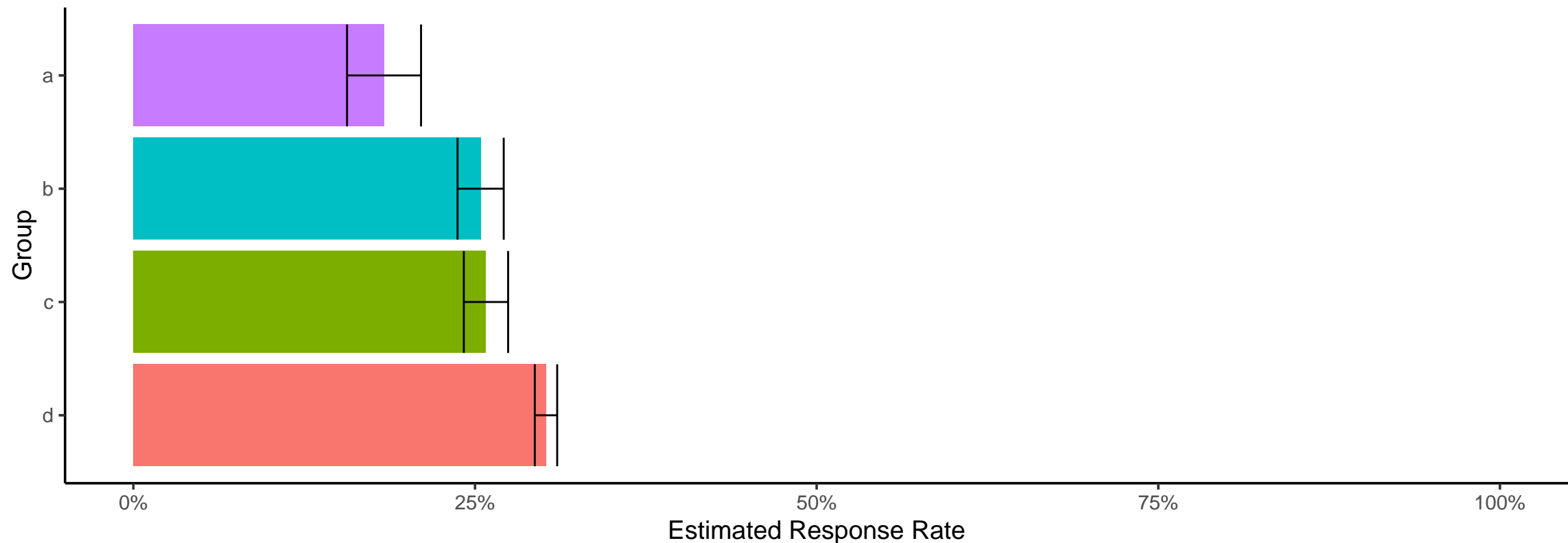
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

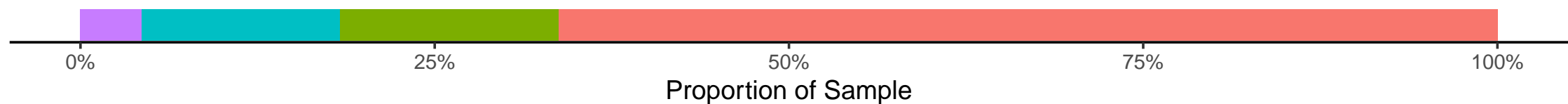
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 18200



Distribution of Sample Sizes



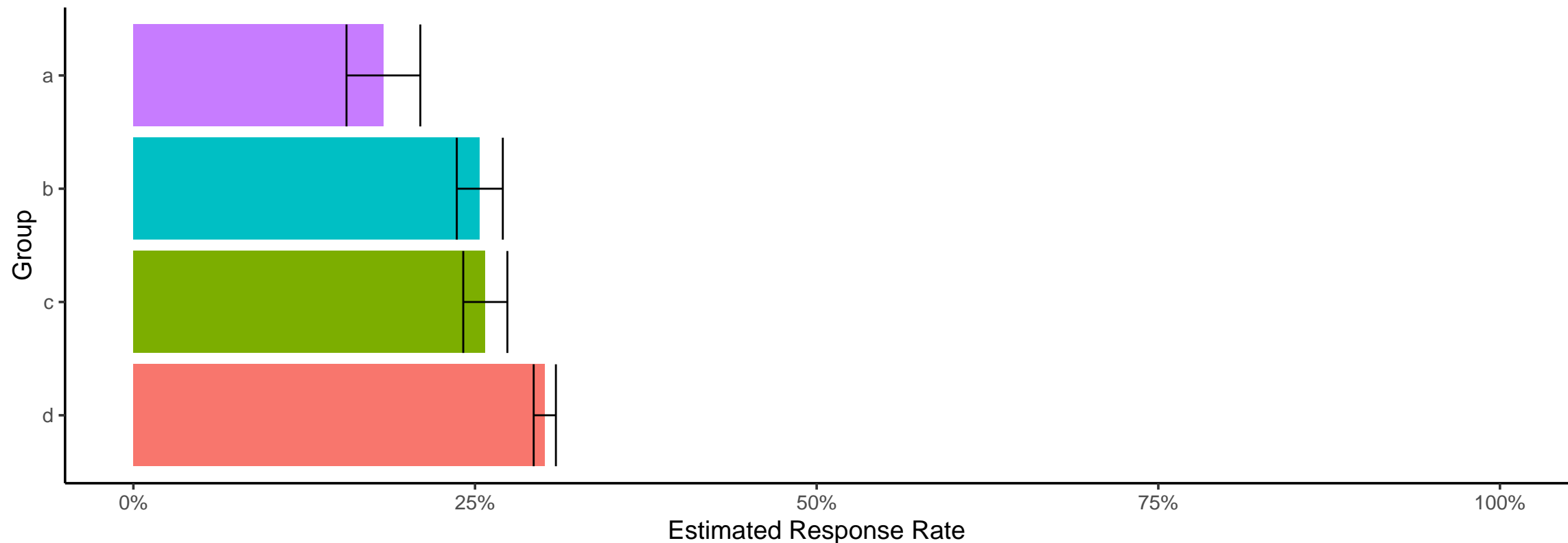
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

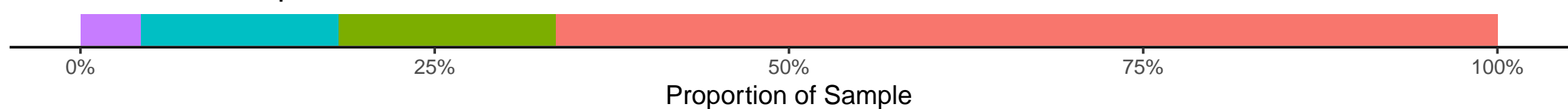
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 18400



Distribution of Sample Sizes



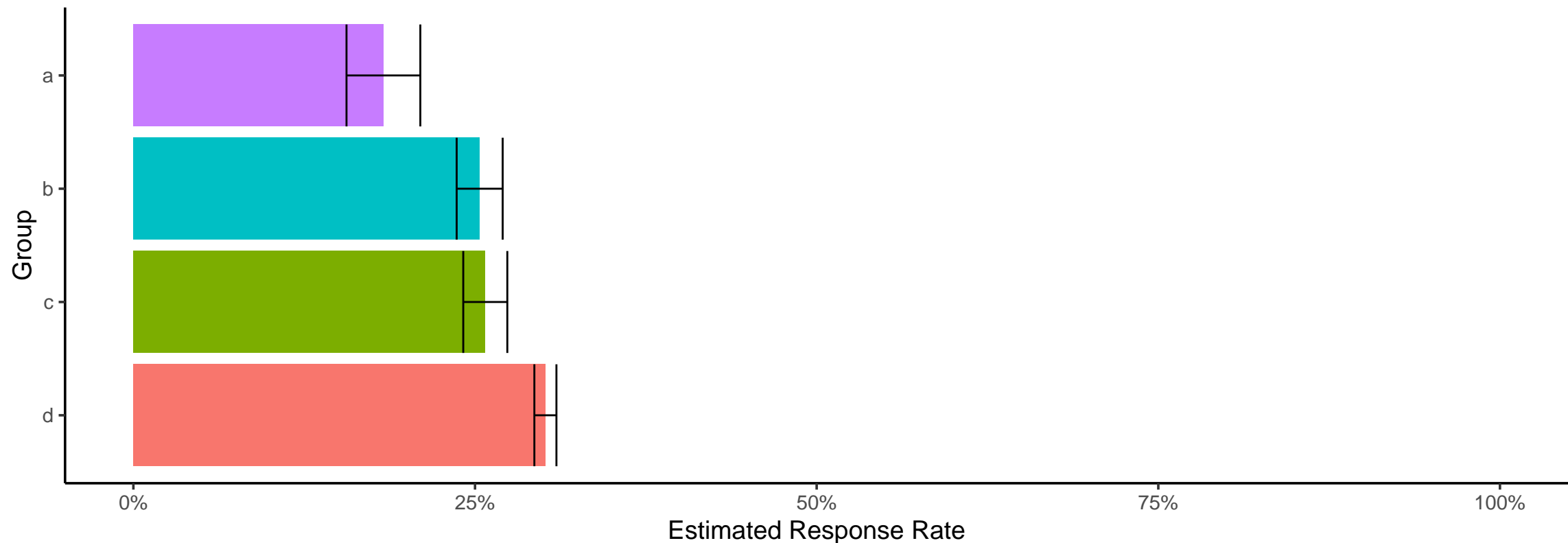
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

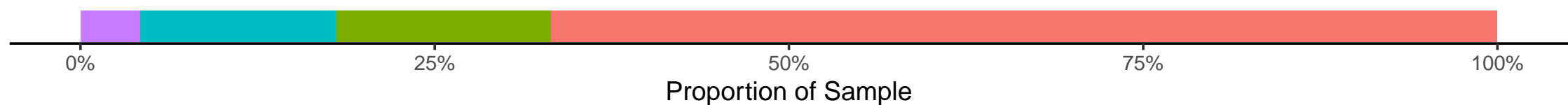
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 18600



Distribution of Sample Sizes



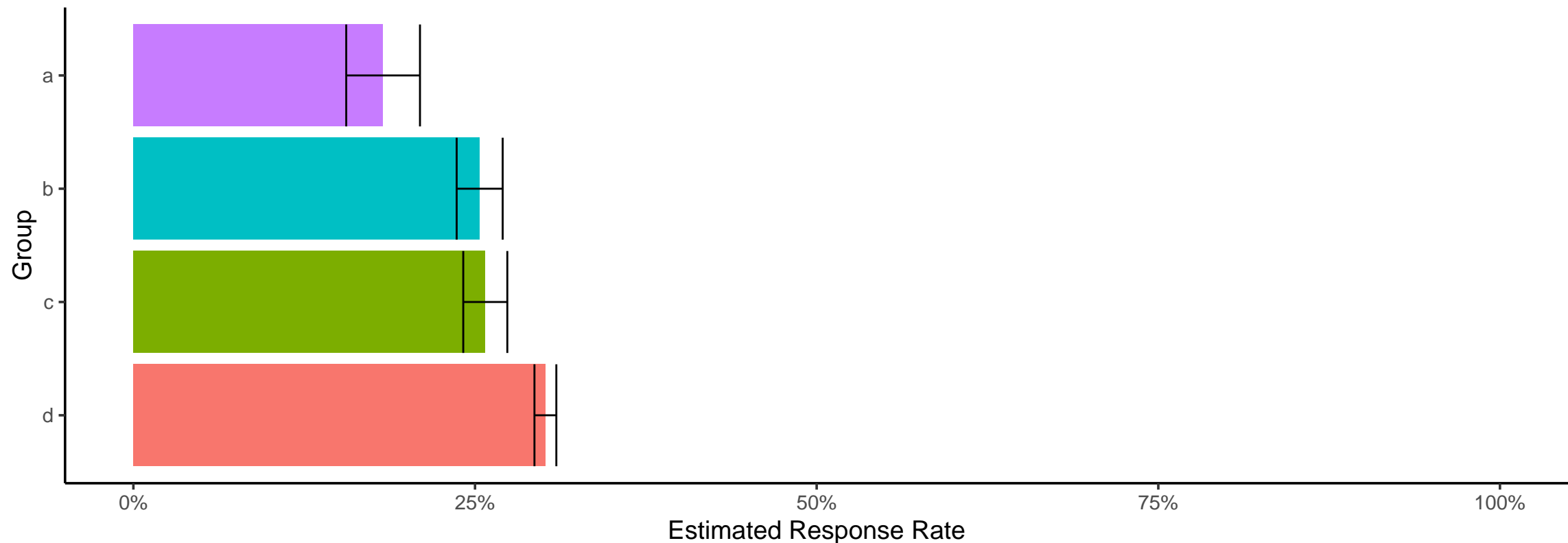
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

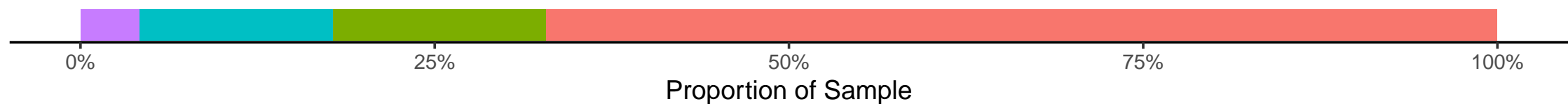
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 18800



Distribution of Sample Sizes



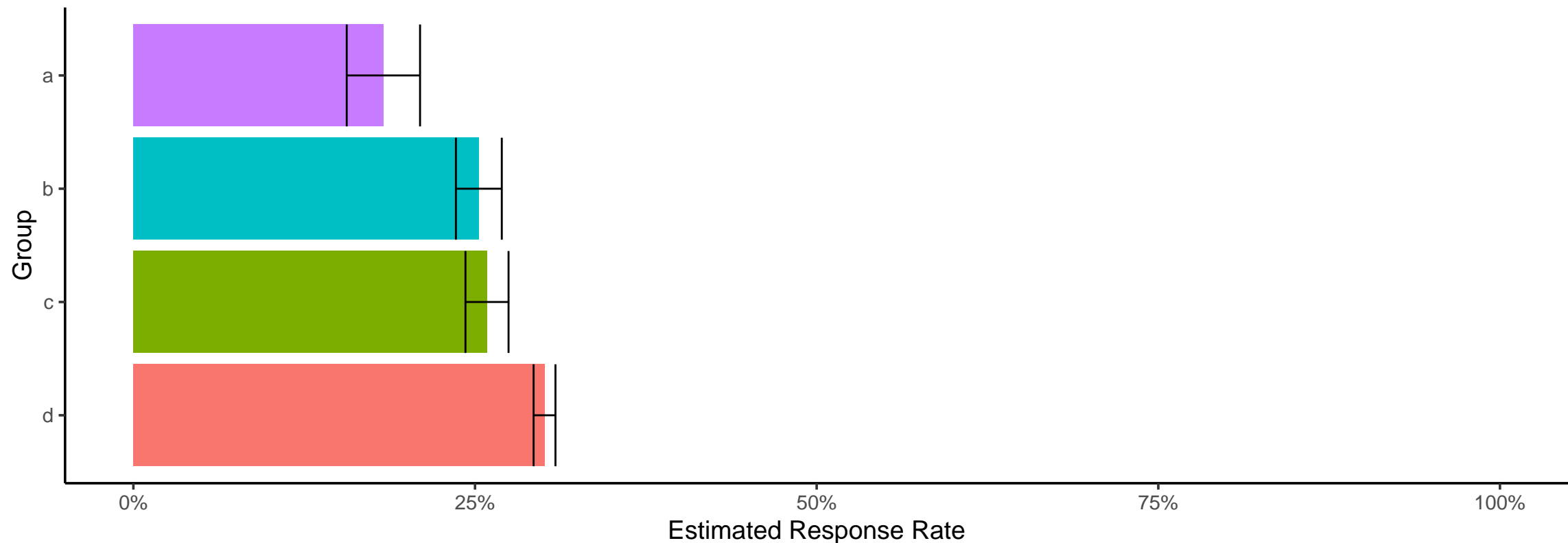
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

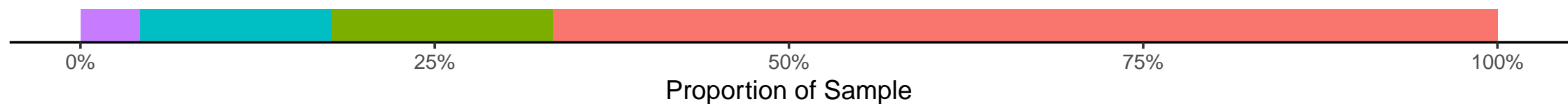
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 19000



Distribution of Sample Sizes



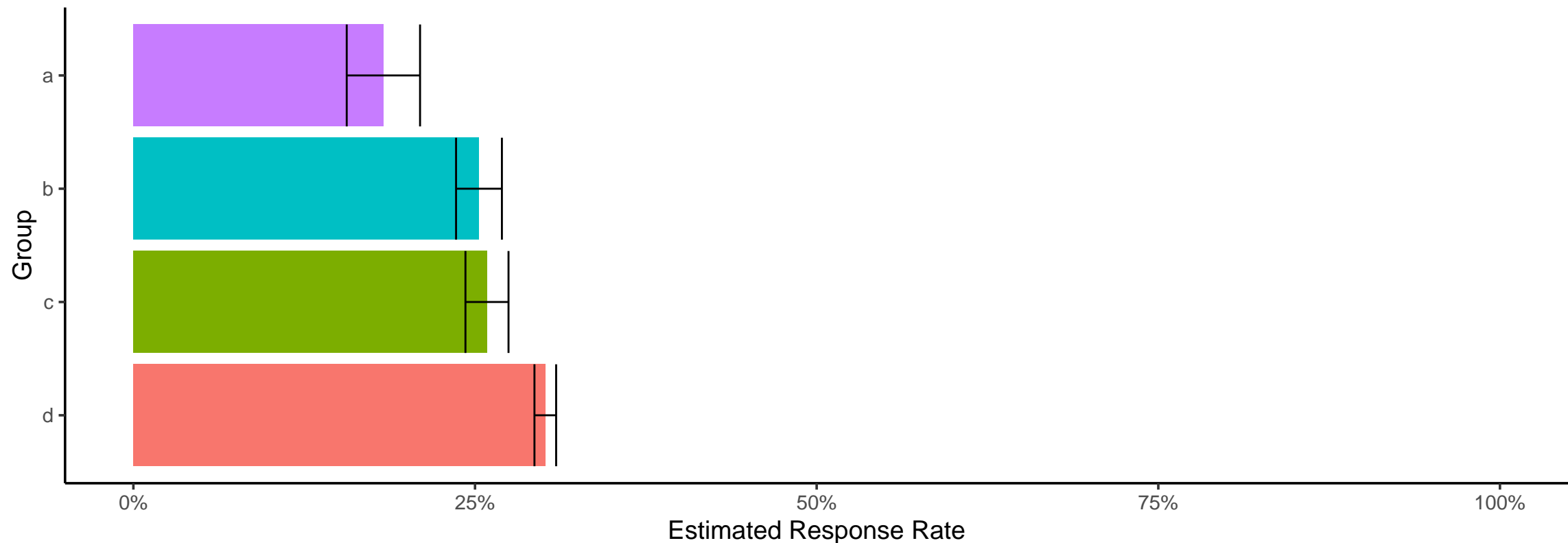
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

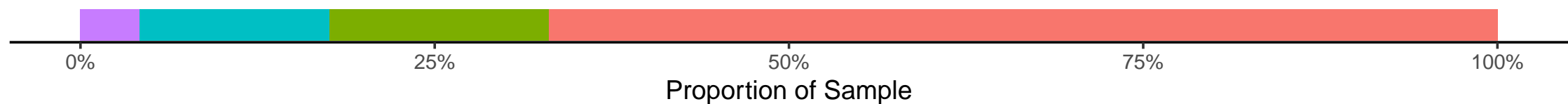
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 19200



Distribution of Sample Sizes



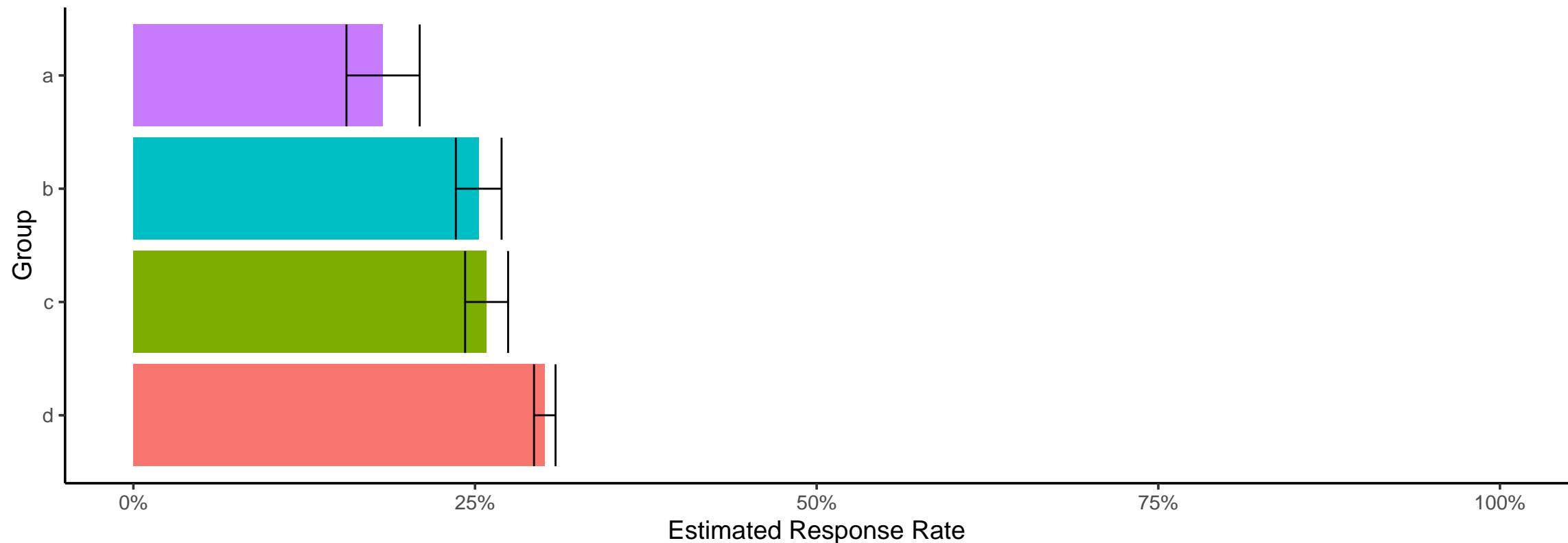
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

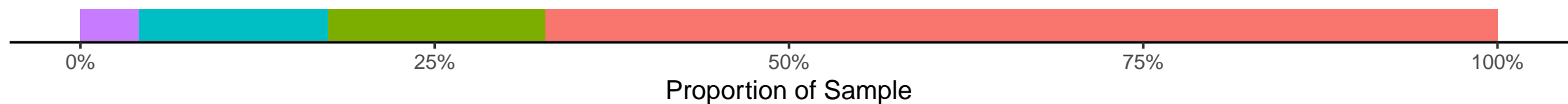
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 19400



Distribution of Sample Sizes



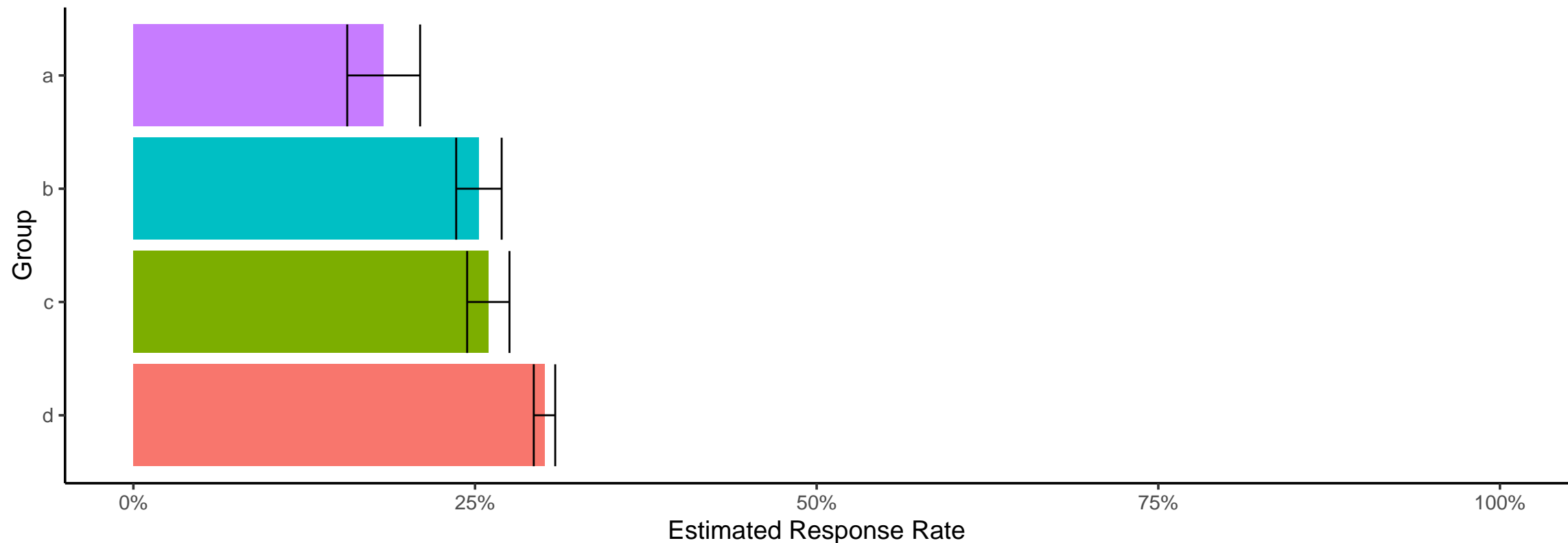
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

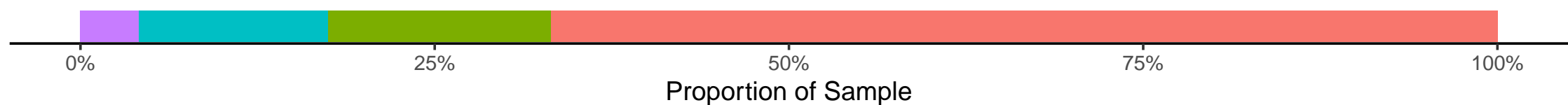
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 19600



Distribution of Sample Sizes



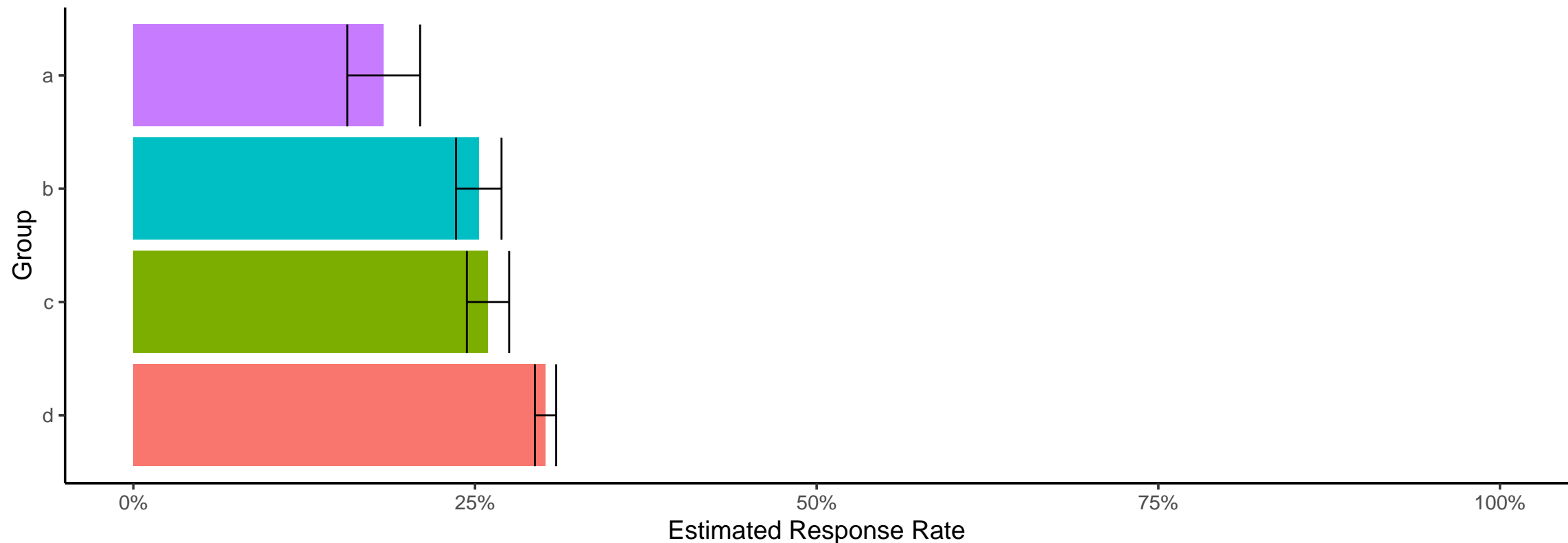
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

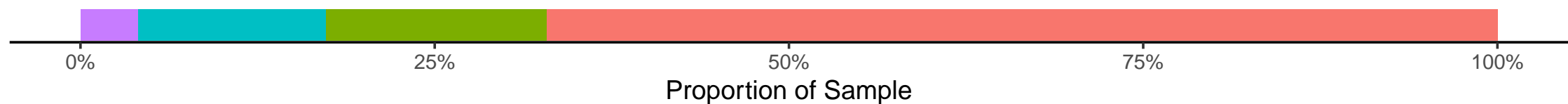
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 19800



Distribution of Sample Sizes



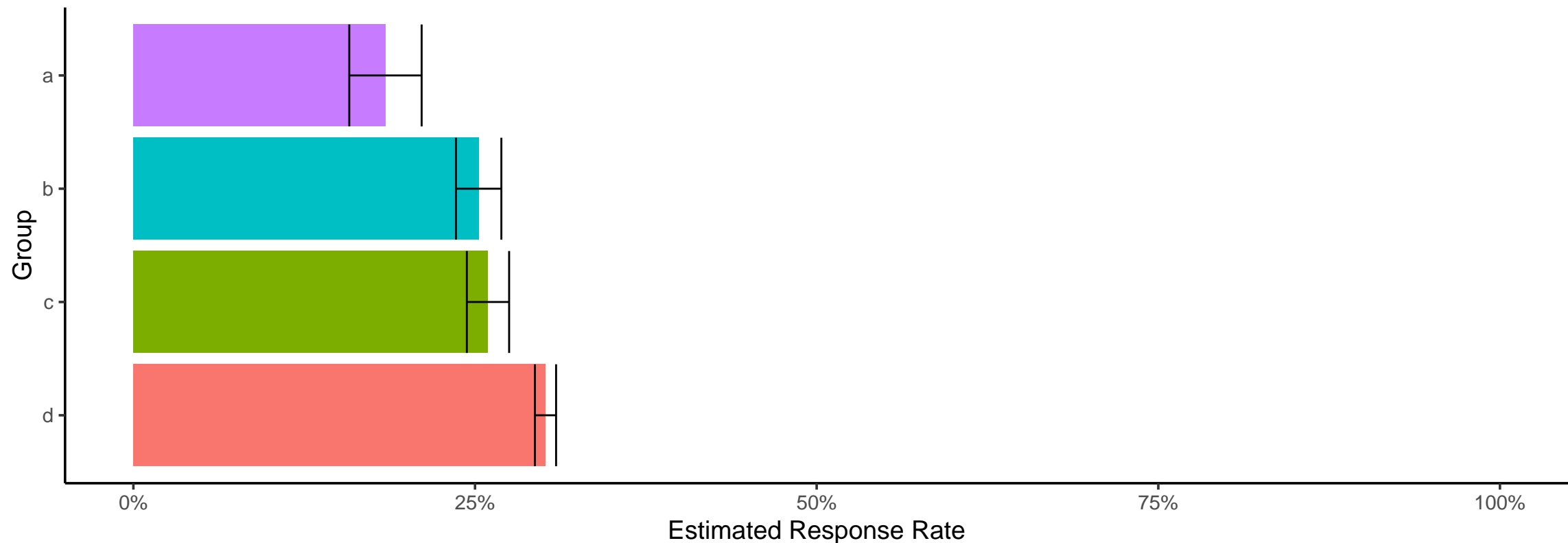
Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%

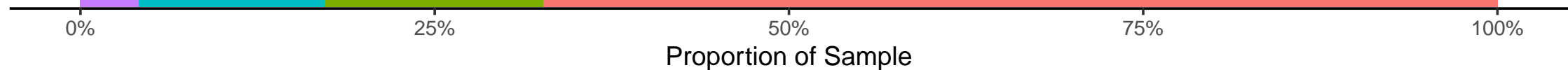
Upper Confidence Bound: Sample Sizes and Response Estimates

Distribution of Response Rates

Total Sample Size = 20000



Distribution of Sample Sizes



Group a b c d

Response rates – Arm A = 20%, Arm B = 25%, Arm C = 26%, Arm D = 30%