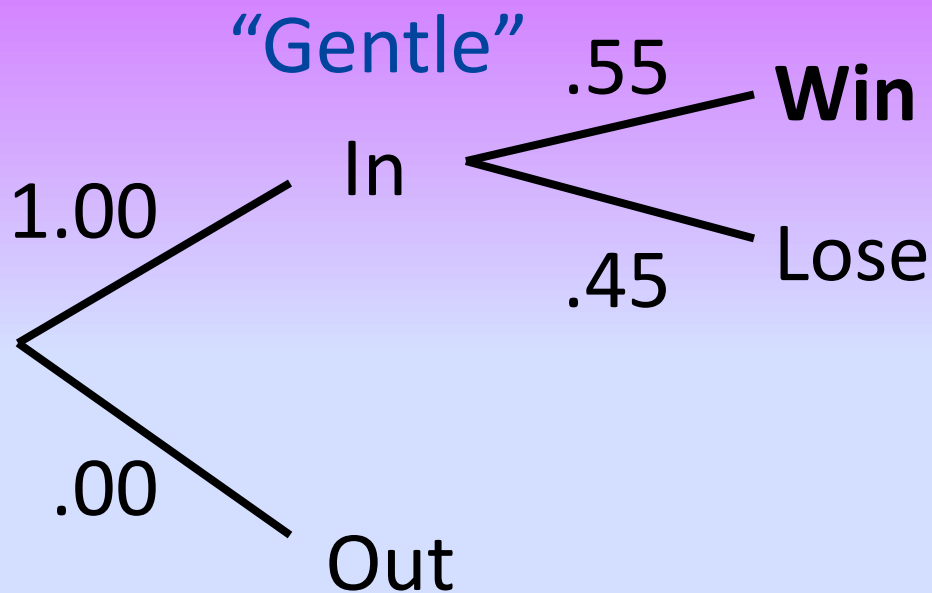


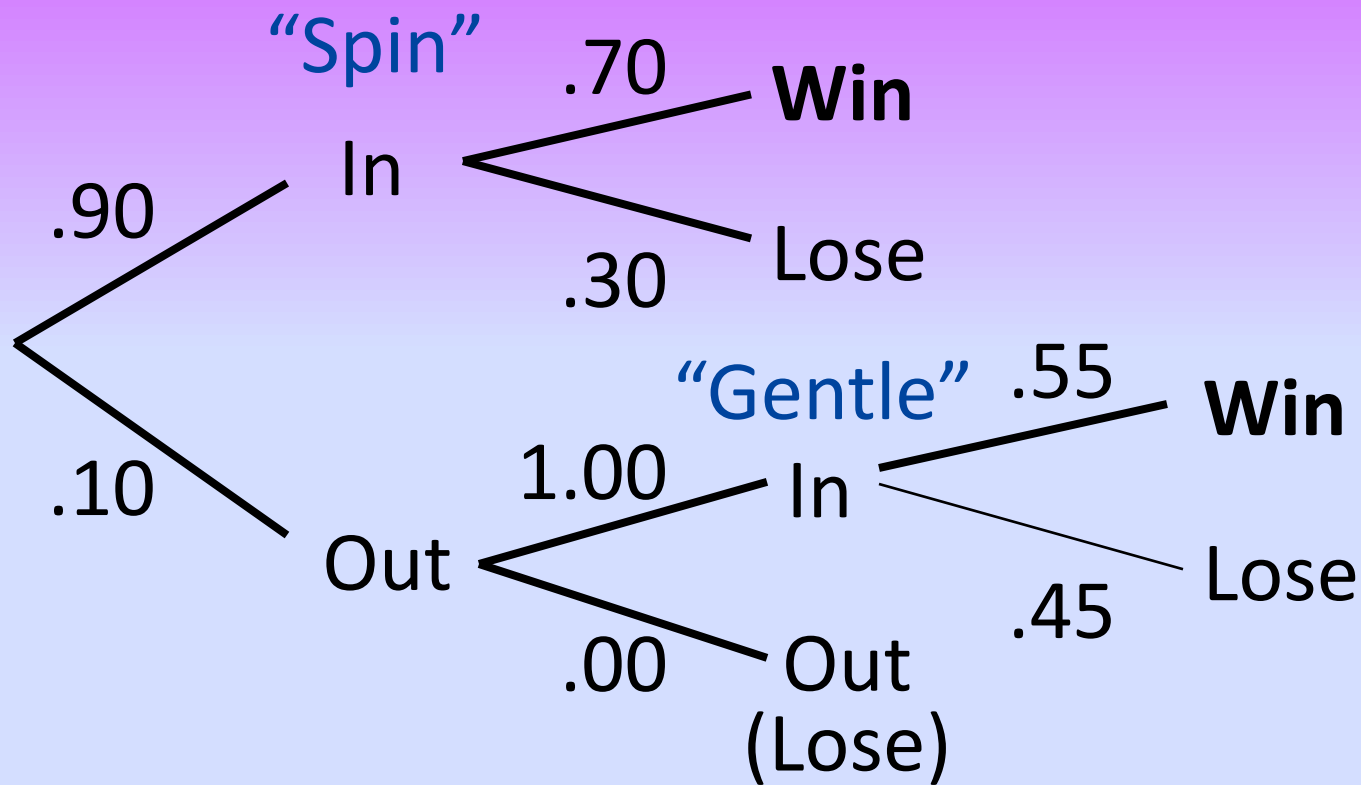
Example: Tennis serves “Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (1.00)(.55) = .550.$$

Example: Tennis serves

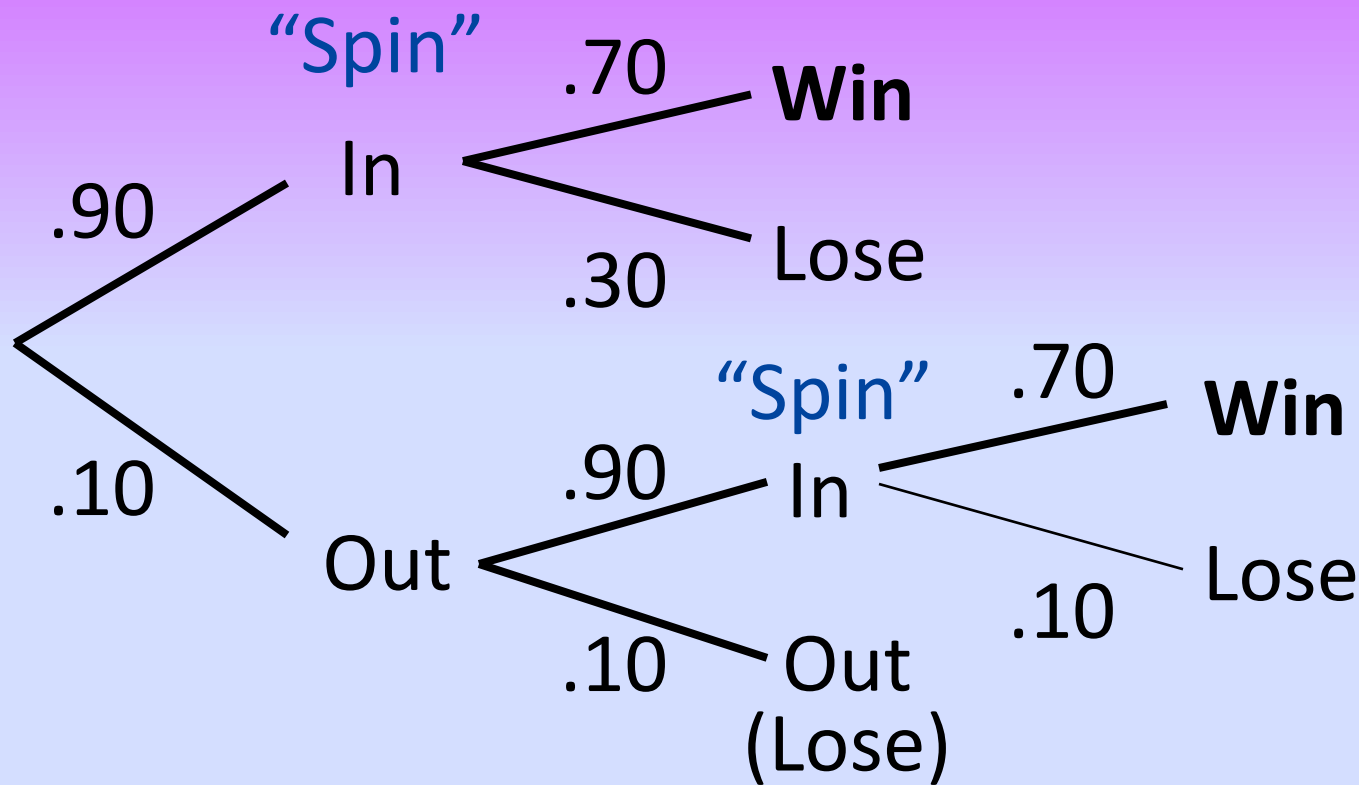
“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.90)(.70) + (.10)(1.00)(.55) = .685.$$

Example: Tennis serves

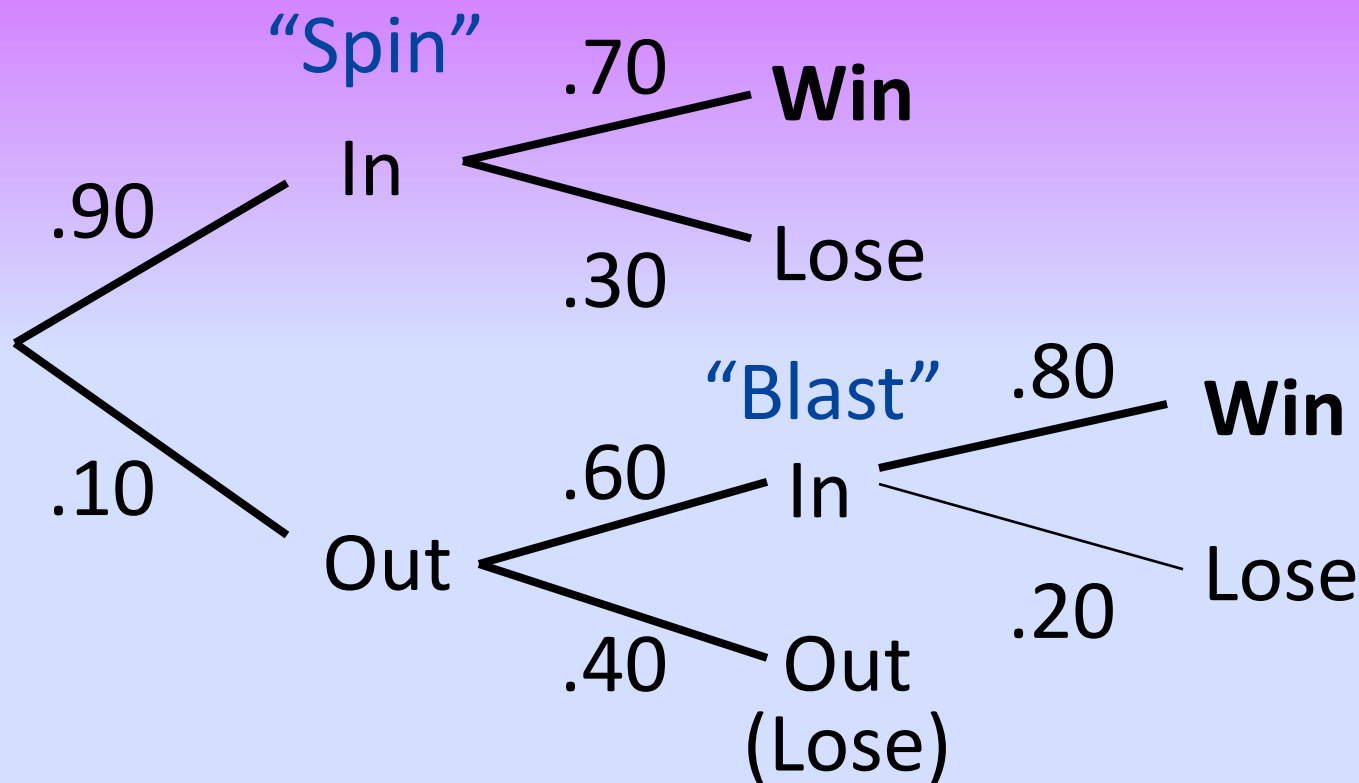
“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.90)(.70) + (.10)(.90)(.70) = .693.$$

Example: Tennis serves

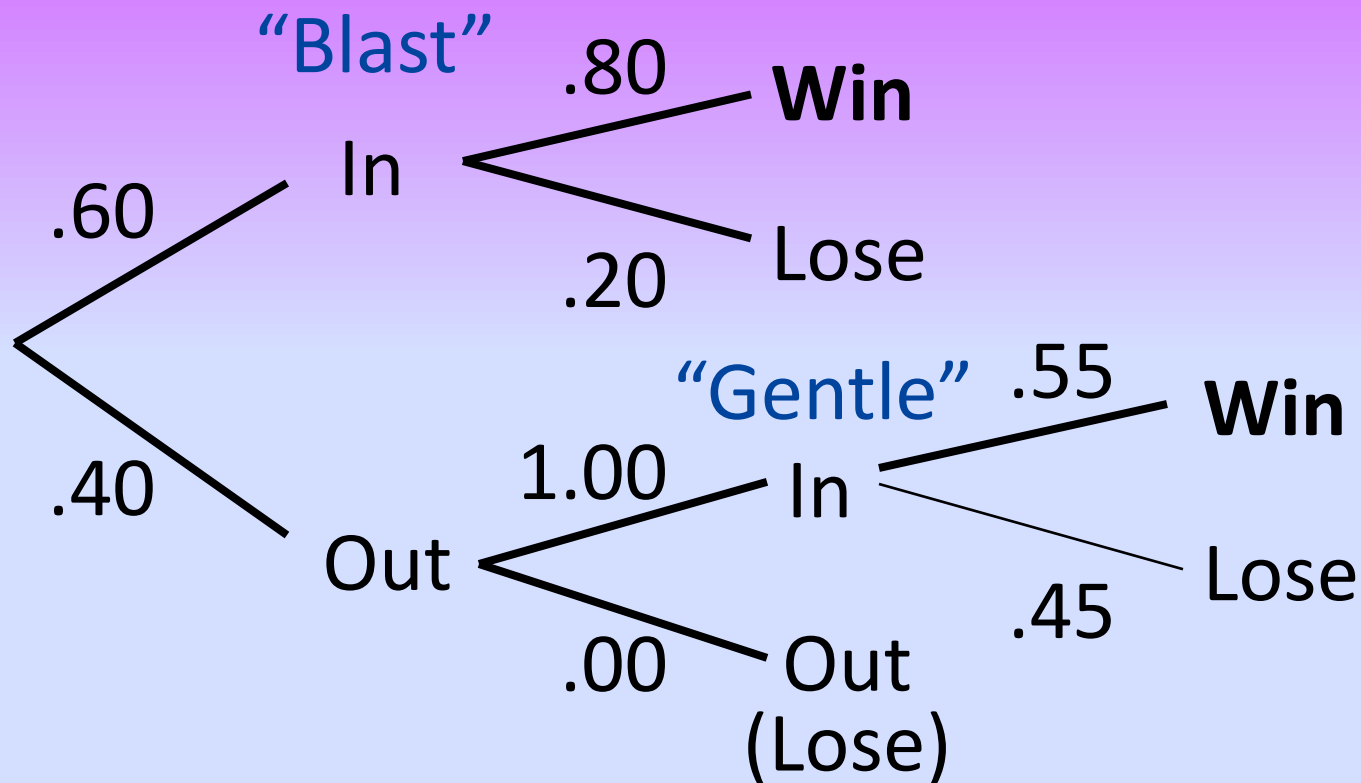
“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.90)(.70) + (.10)(.60)(.80) = .678.$$

Example: Tennis serves

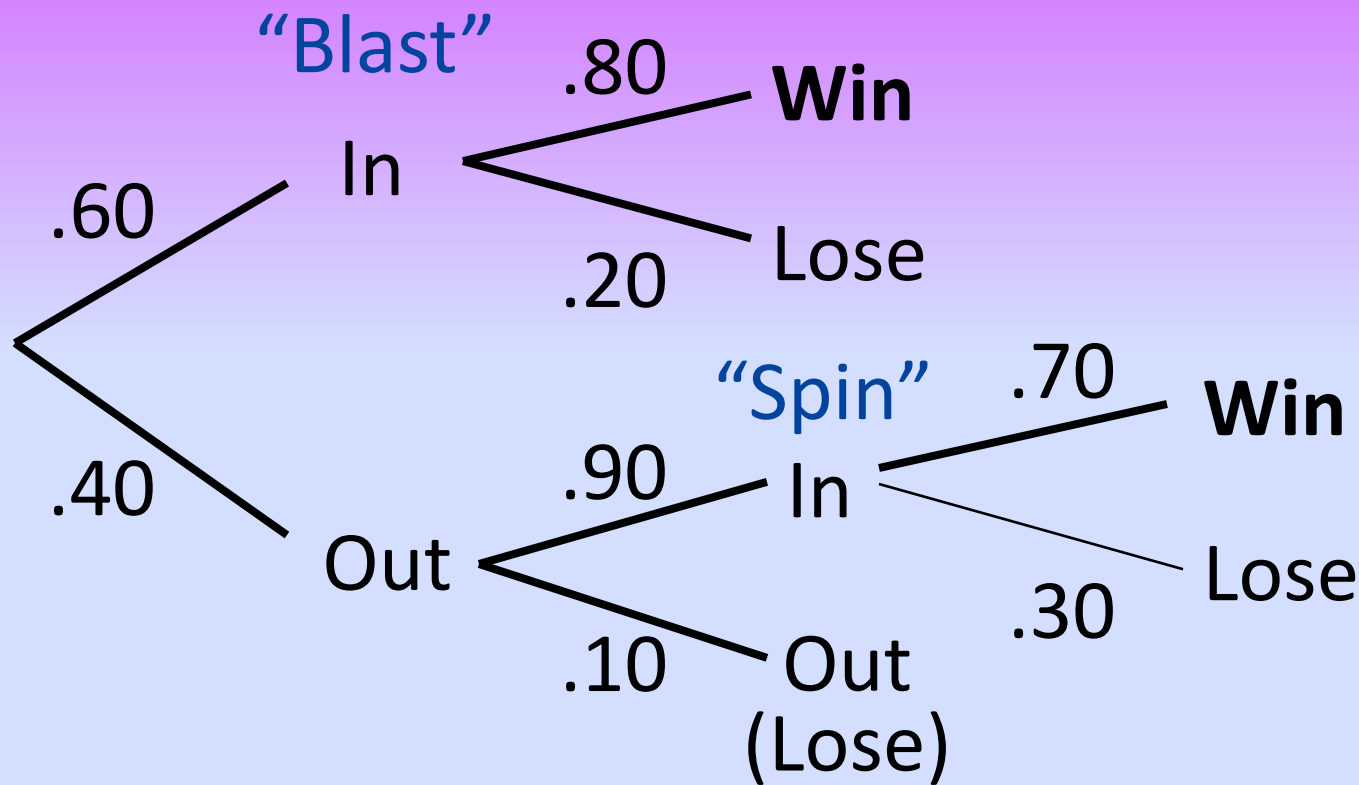
“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.60)(.80) + (.40)(1.00)(.55) = .700.$$

Example: Tennis serves

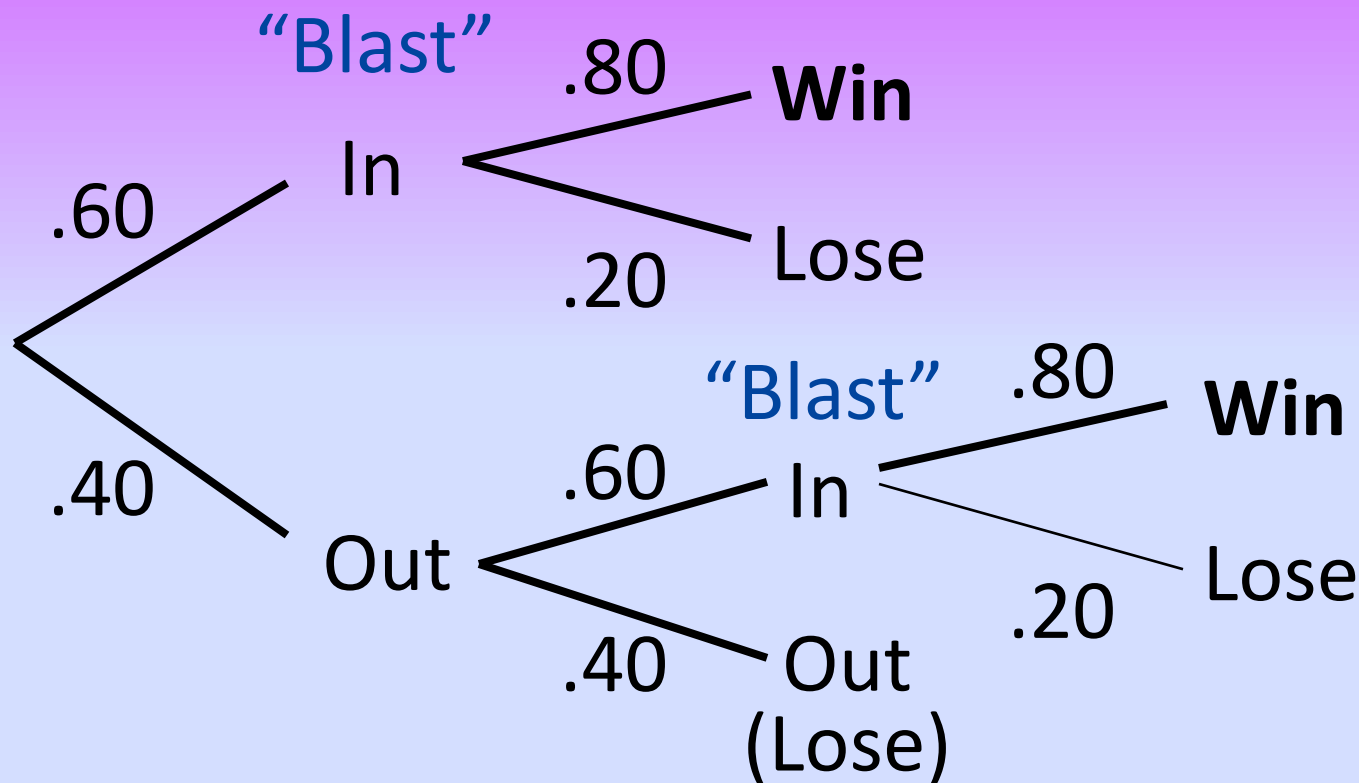
“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.60)(.80) + (.40)(.90)(.70) = .732.$$

Example: Tennis serves

“Blast,” “Spin” or “Gentle” serves



$$\text{Pr}(\text{win}) = (.60)(.80) + (.40)(.60)(.80) = .672.$$

Example: Tennis serves

“Blast,” “Spin” or “Gentle” serves

| Serve combo | Prob. of winning point |
|-------------|------------------------|
| B S | 0.732 |
| B G | 0.700 |
| S S | 0.693 |
| S G | 0.685 |
| S B | 0.678 |
| B B | 0.672 |
| G | 0.550 |