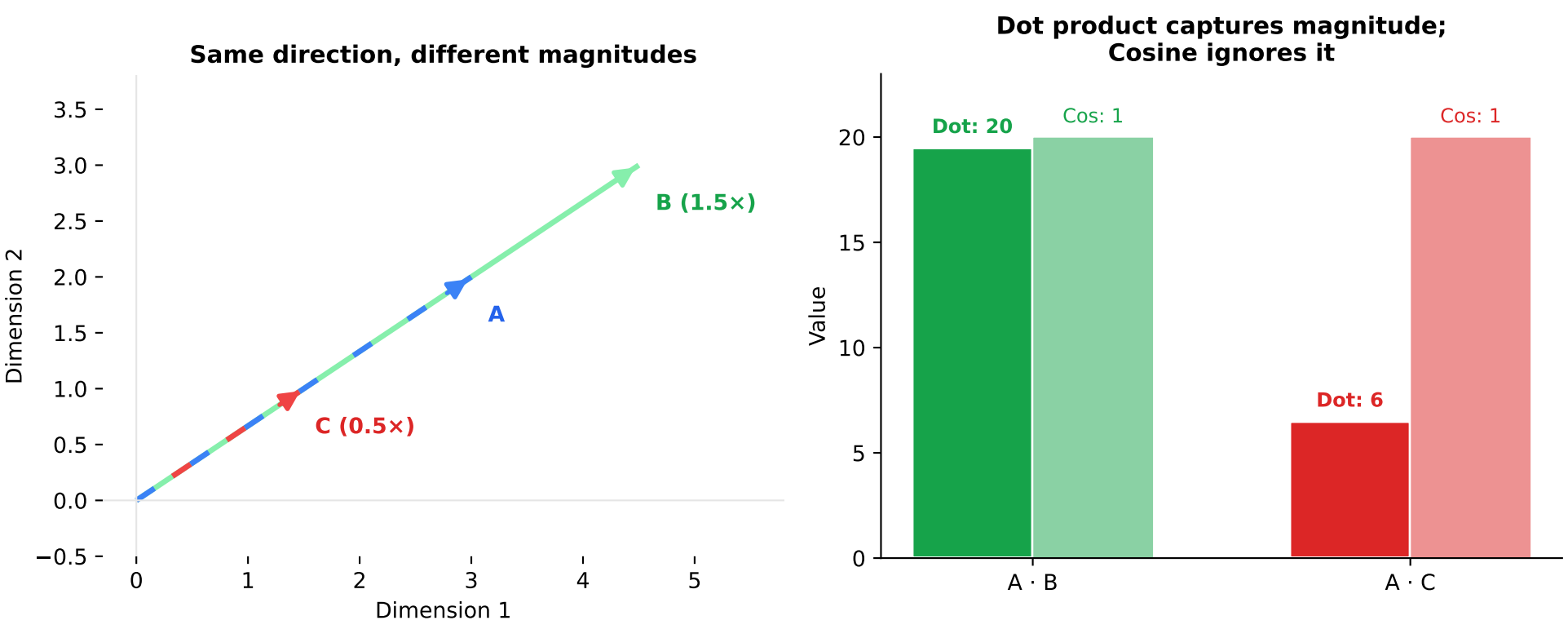
Same direction, different magnitudes
Dimension 2
Dimension 1
B (1.5×)
A
C (0.5×)
Dot product captures magnitude;
Cosine ignores it
Value
Dot: 20
Cos: 1
Dot: 6
Cos: 1
A · B
A · C