

PACIFICORP

CAPM COST OF EQUITY CAPITAL

$$k = rf + B (rm - rf)$$

T-BILLS

$$\begin{aligned} [rf]^* &= 3.47\% \\ [rm - rf]^\dagger &= 6.70\% \text{ (geometric mean)} \\ [rm - rf]^\dagger &= 8.60\% \text{ (arithmetic mean)} \\ \text{average beta} &= 0.76 \end{aligned}$$

$$\begin{aligned} k &= 3.47\% + 0.76 (6.7\%/8.60\%) \\ k &= 3.47\% + 5.10\%/6.55\% \\ k &= \mathbf{8.57\% / 10.02\%} \end{aligned}$$

T-BONDS

$$\begin{aligned} [rf]^* &= 4.41\% \\ [rm - rf]^\dagger &= 5.00\% \text{ (geometric mean)} \\ [rm - rf]^\dagger &= 6.60\% \text{ (arithmetic mean)} \\ \text{average beta} &= 0.76 \end{aligned}$$

$$\begin{aligned} k &= 4.41\% + 0.76 (5.00\%/6.60\%) \\ k &= 4.41\% + 3.81\%/5.03\% \\ k &= \mathbf{8.21\% / 9.43\%} \end{aligned}$$

*Current T-Bill & T-Bond yields, most recent yield from Value Line Selection & Opinion (8/19/05-9/23/05)

†Geometric and arithmetic market risk premiums from Ibbotson Associates 2004 SBBI Yearbook, p. 117.