

Hg = N+ Ret. Em X Ret. Em B. Famy sus S=b. ROE

3=b. ROE

Approximation
Best gress.

Three grestions - straightforward

Best gress.

Three grestions - straightforward

Best gress.

Three grestions - chapter 8

Stocks & Portfelio - chapter 9 26

Evalution

Profitability Index is not

included. Cols 2 Costs + Dep. Solvage Value = Market Value montet < book value in NWC -> given

Calculate the incrembal cash Flow 4=1 4=2 Init cost QCF1 OCF2 - - - - OCF5 - DNWC0 - DNWC1 - DNW2 . - I LNWC Break-Even Ace. | NPV = = ==== + Sal V.

Hr (H3(Histor) + Sal V. metiple missed final Actal Tield, Promised Tield Expected Tield. Porce \$20 / _ _ _ c _ c _ \$1990 /

provised gied montet 1/expected

Defauet, W18 587, Janice

Additional rotes:

Difference bu expected yield, provised yield:

if a bord has ro default rate, then the yield it provides is coulculated by

Prile of Bond = $\frac{C}{1+r} + \frac{C}{(1+r)^2} + \cdots + \frac{C}{(1+r)^n} + \frac{\log n}{(1+r)^n}$

solving for s.

For example, if a bond is selling for \$900 today and has 4 coupon payments each \$1000 left beginning a year frew today with a \$1,000 face value

 $900 = \frac{190}{1+r} + \frac{190}{(1+r)^2} + \frac{100}{(1+r)^3} + \frac{1100}{(1+r)^4}$

T is the yield.

This should watch the monket. Otherwise the band is under or over priced. Traders will bruy /sell the band and with railly r will be matching the wanted.

Now, if this bond has a default rate then the corpon & face value payments may not happen.

P: probability of default

The price of the bond is \$900.

If you invested in the wall you would get a cortoin yield of the worket rate. Then, the expected yield from the bond should wenter the worket. The promised yield will be higher than the expected field. Let's assume if default bappens you to not

As claimed above expected jield 55 Less than promised yield.

$$65 = \frac{D_1}{1.13} + \frac{1.30 D_1}{1.13^2} + \frac{1.30^2 D_1}{1+13^3} + \frac{1.18 \times 1.30^2 D_1}{1.13^4} \left[1 + \frac{1.08}{1.13} + \frac{1.01}{1.13} + \frac{1.01}{1.13} \right]$$

$$5.20 \quad \text{Br} \quad D_1$$

Winter 18 grestion 5& 7 are answered on the from.