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## A General Formula for the Wacc

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### Abstract


Recent controversies testify that the tax shield valuation remains a hot topic in the financial literature. Basically, two methods have been proposed to incorporate the tax benefit of debt in the present value computation: The adjusted present value (APV), and the classical weighted average cost of capital (WACC). This note clarifies the relationship between these two apparently different approaches by offering a general formula for the WACC. This formula encompasses earlier results obtained by Modigliani and Miller (1963) and Harris and Pringle (1985).

**Keywords:** WACC, Adjusted present value, Tax shield, Return on equity

**JEL Classification:** G30, G32, E22

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## 6 References

1. J Chrissos , R Gillet ; Investissement , Paris Pearson , A Farber , M P Laurent , K Oosterlinck , H Pirotte ; Pearson , Paris Fernandez , P The Value of the Tax Shield Is NOT Equal to the Present Value of Tax Shields  
Journal of Financial Economics , volume 73 , issue 1 , p. 145 - 165 Posted: 2003
2. R Goffin  
Principes de finance moderne  
Economica Posted: 2004
3. R S Harris , J J Pringle  
Risk-Adjusted Discount Rates -Extensions from the Average-Risk Case  
Journal of Financial Research , p. 237 - 244 Posted: 1985  
Crossref (https://doi.org/10.1111/j.1475-6803.1985.tb00406.x)

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Journal of Finance , volume 49 , p. 1213 - 1252 Posted: 1994

Crossref (https://doi.org/10.1111/j.1540-6261.1994.tb02452.x)

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