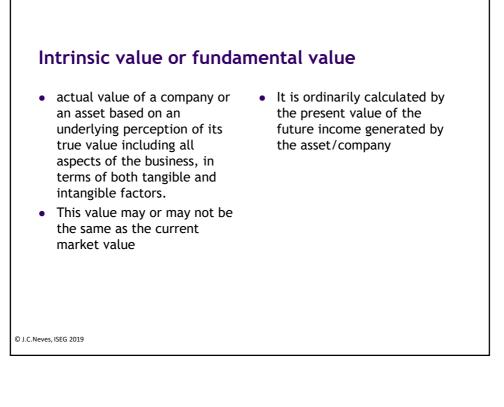
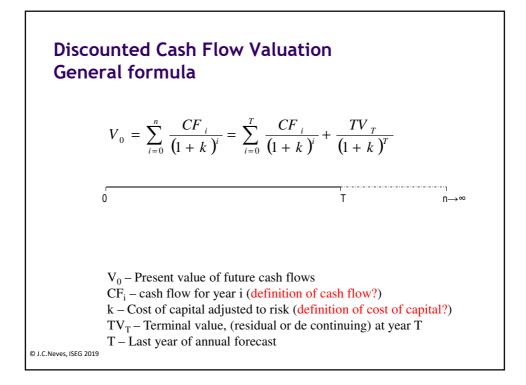
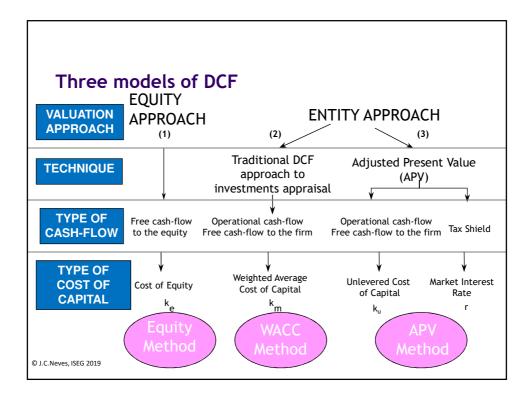


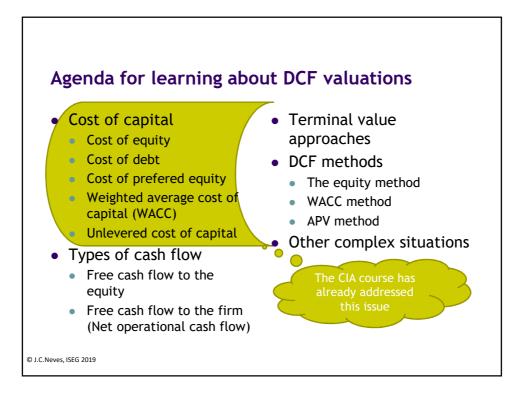
### Valuation: Intrinsic value or fundamental value

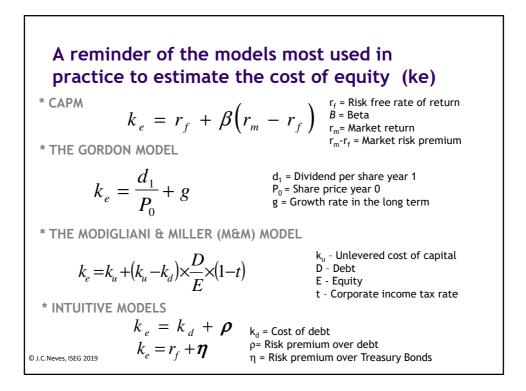
João Carvalho das Neves Professor of Business Administration ISEG, Universidade de Lisboa jcneves@iseg.ulisboa.pt

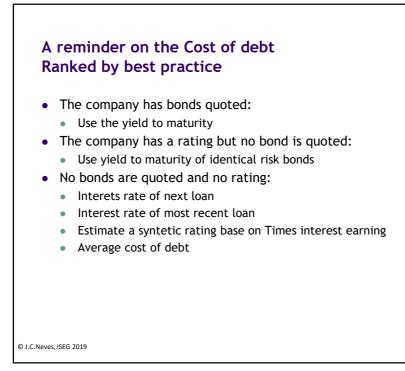


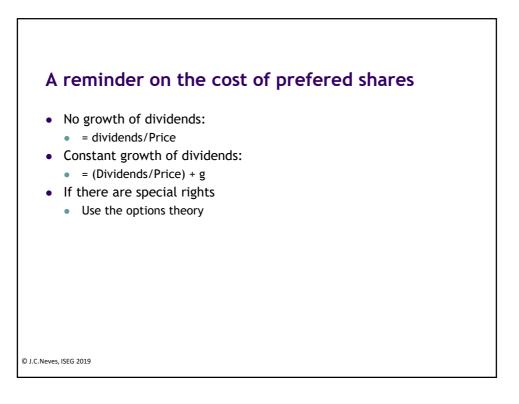


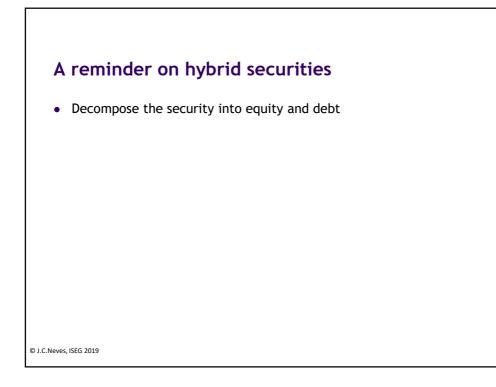


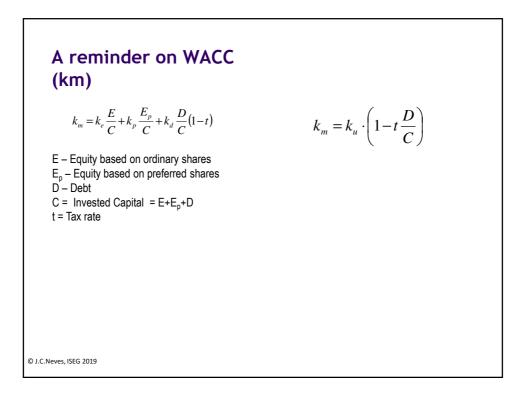


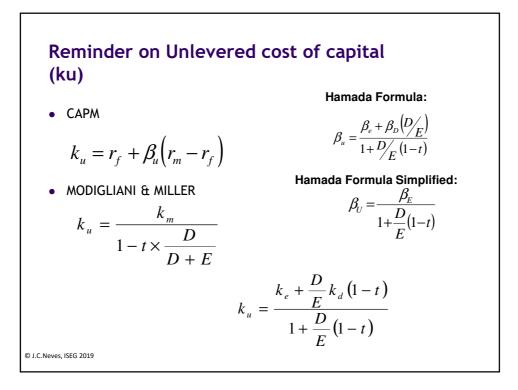


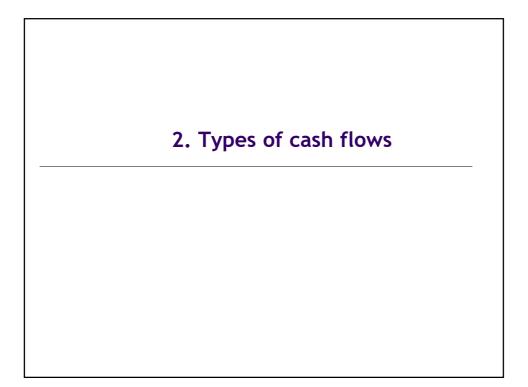








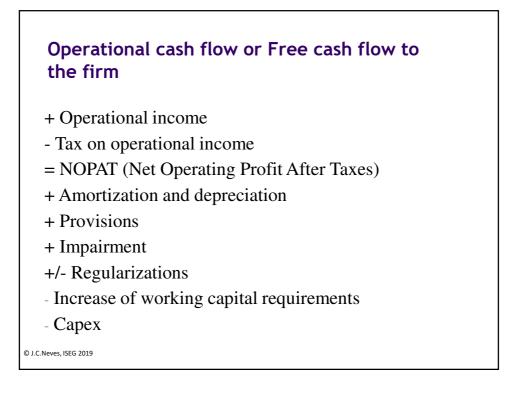




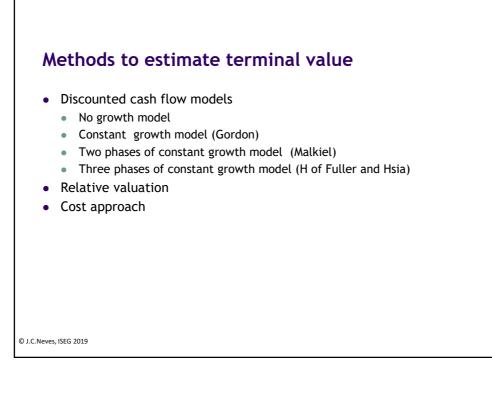


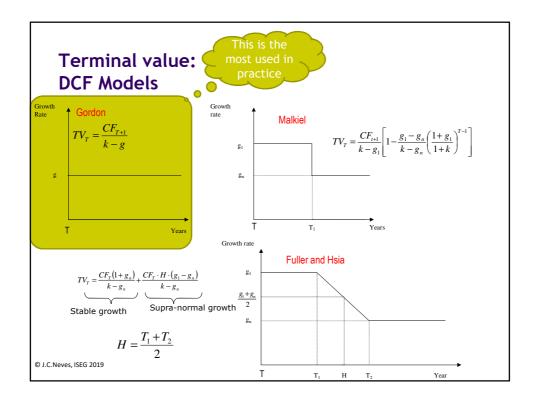
- + Net profit
- + Amortizations & Depreciations
- + Provisions
- + Impairments
- +/- Regularizations
- Increase of working capital requirements
- Capex
- + New loans
- Reimbursement of capital loans

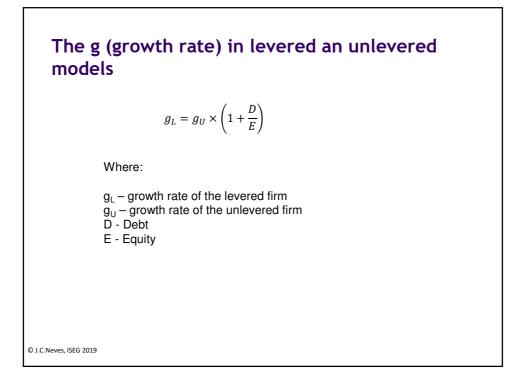
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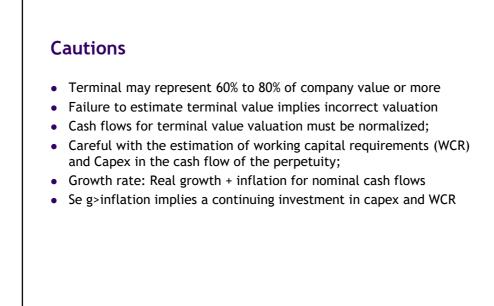


# 3. Methods to estimate terminal value



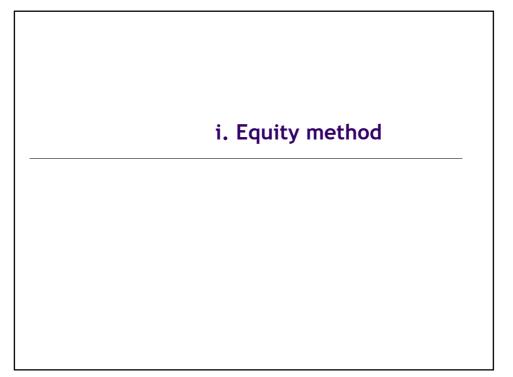


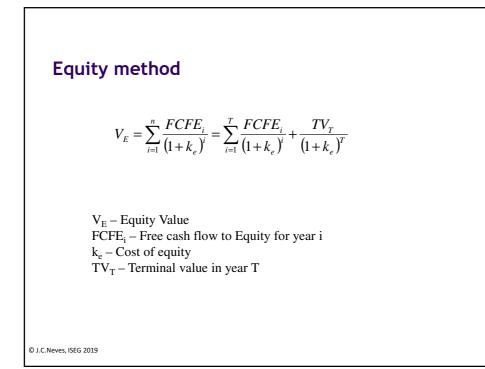




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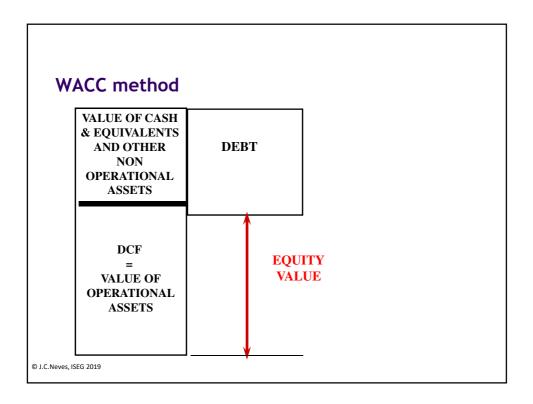
# 4. DCF Methods

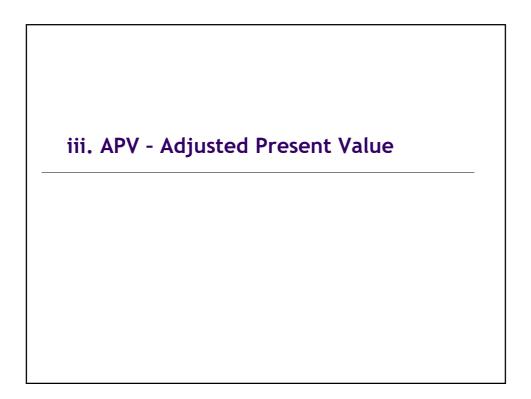


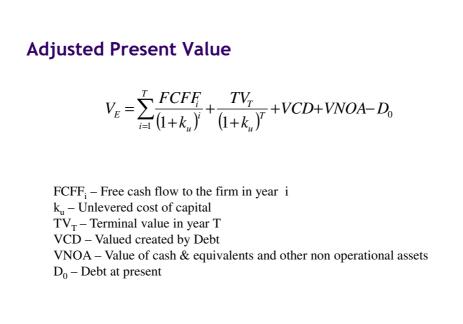


### ii. WACC method

# 

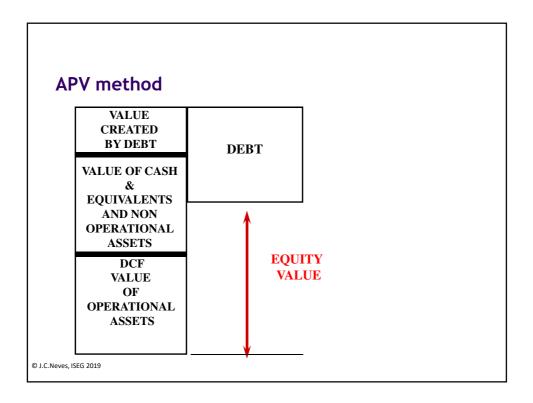


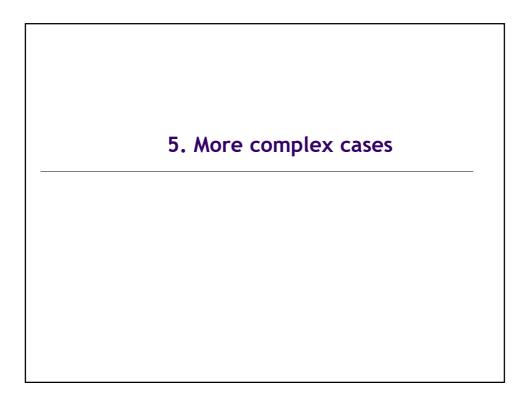


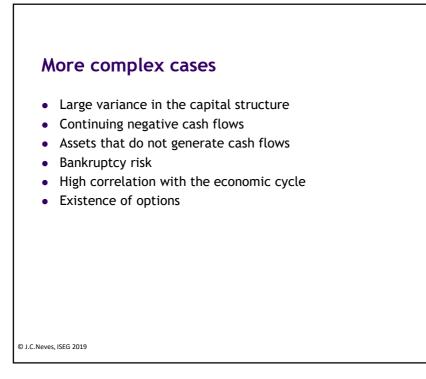


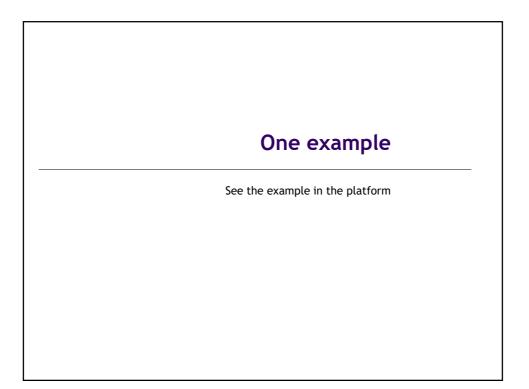
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Value created by debt	
GERAL FORMULA:	
$VCD = L_0 - \sum_{i=1}^{n} \frac{FE_i(1-t) + LR_i}{(1+r)^i}$	
IF $k_d = r$ :	
$VCD = \sum_{i=1}^{n} \frac{FE_i \times t}{(1+r)^i} = \sum_{i=1}^{T} \frac{FE_i \times t}{(1+r)^i} + \frac{TVCD_T}{(1+r)^T}$	
VCD - value created by debt FE <sub>i</sub> - financial expenses in year i t - tax rate LR <sub>i</sub> - loan Reimbursement in year i r - market interest rate k <sub>d</sub> - company interest rate	
TVCD <sub>T</sub> = Terminal value created by debt at year T	









## Working Groups

### Case study:

Valuation of a Company

### Steps to conduct the valuation project:

- 1) Industry analysis and competitiveness
- 2) Financial statement analysis
- 3) Assumptions for future
- 4) Forecast of financial statements and cash flow
- 5) Apply a DCF model and estimate intrinsic value
- 6) Develop a sensitivity analysis
- 7) Use relative valuation
- 8) Conclusion

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