

## **PANEL CONVERSATION:**

Exploring the Relationship Between Equity Option Implied Volatility and Credit Spreads

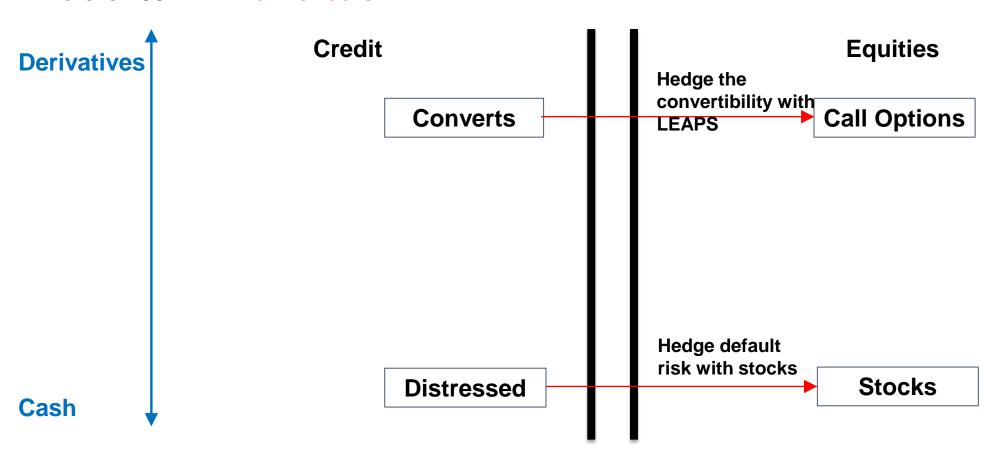
MARCH 26, 2019, CBOE RMC, CARLSBAD

OLIVIER SARFATI, HEAD OF EQUITIES GENTRUST

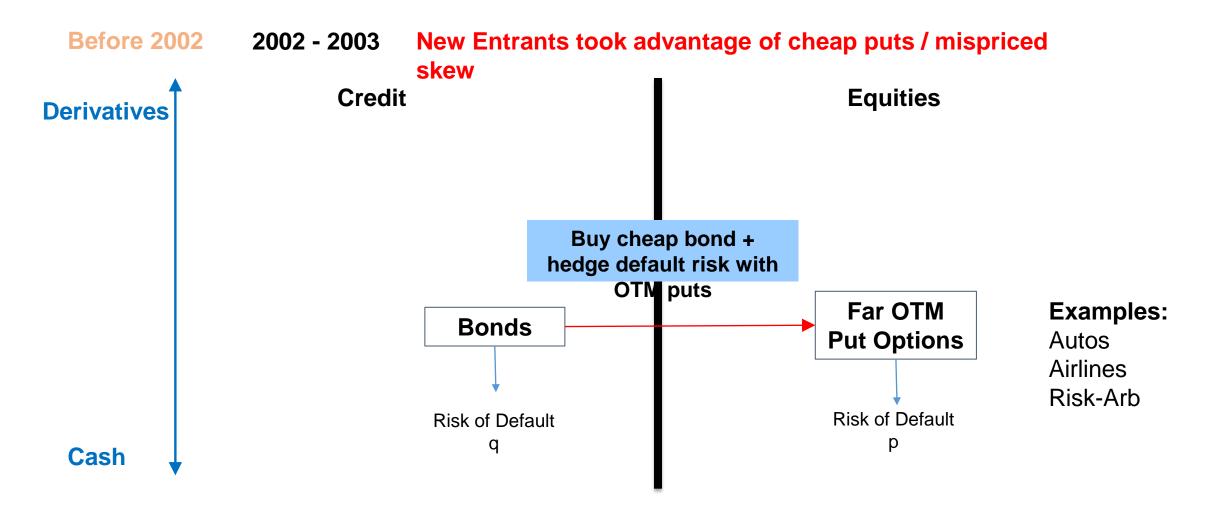
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#### **Before 2002** The Pioneers







#### 2004 - 2007 : the Rise of Models



1974

Merton
Equity = call on Assets
struck at Liabilities

'90s KMV

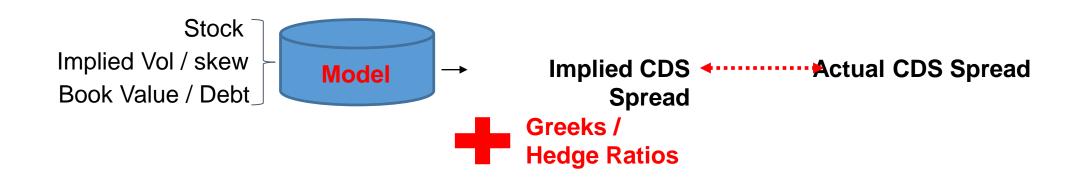
EDF

Expected Default Frequency

CreditGrades

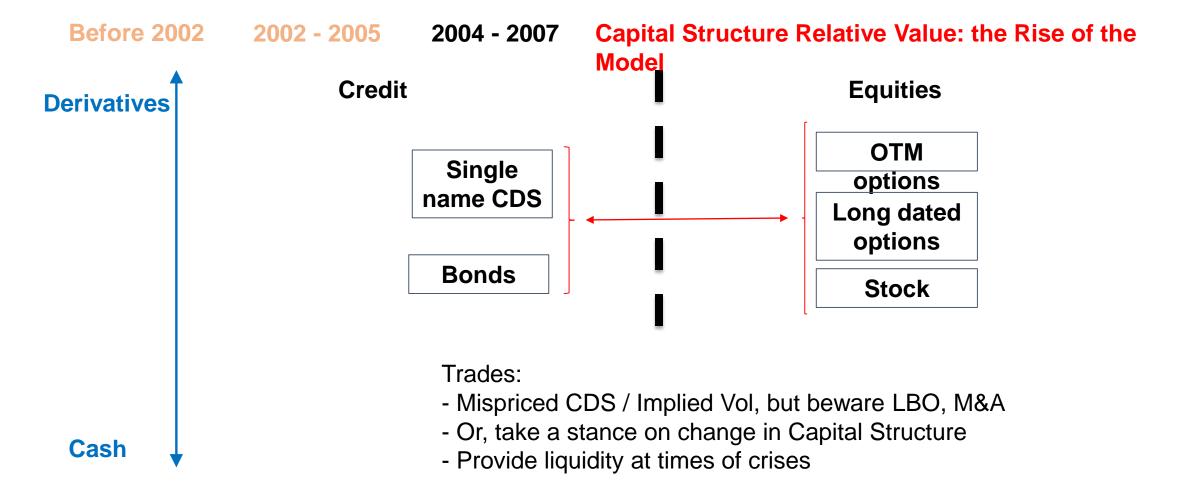
CreditGrades

Uses option skew

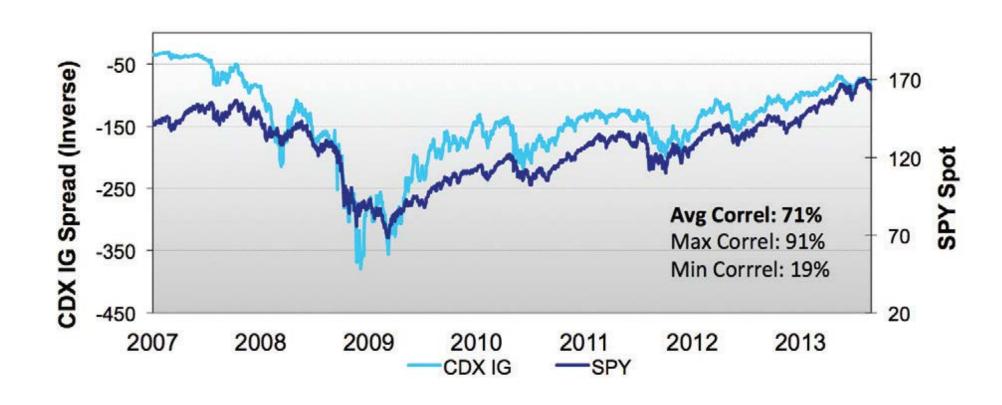


Worked well for traditional corporations (Homebuilders, Autos, Industrials, Airlines,...)



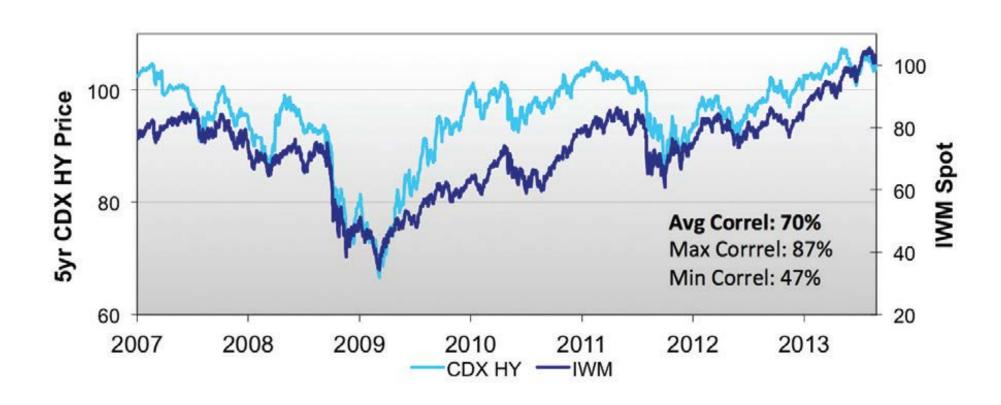






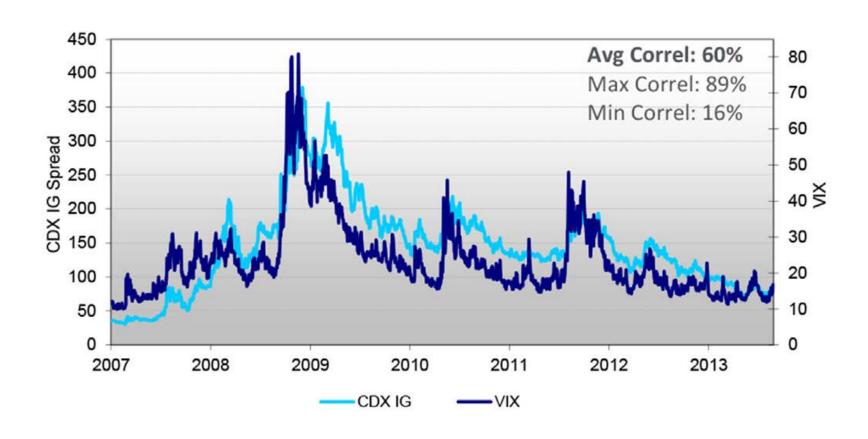
Source: Bloomberg, Citigroup





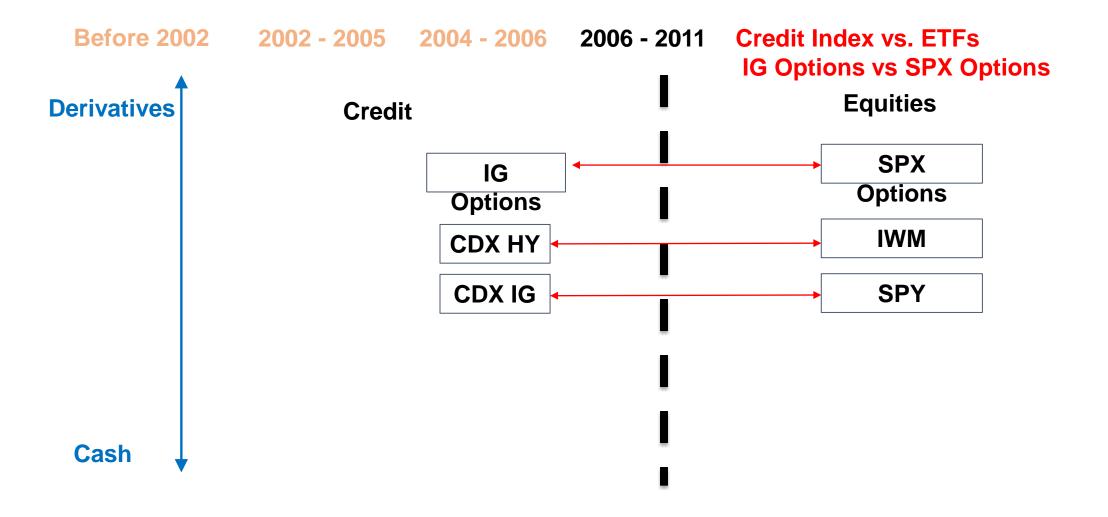
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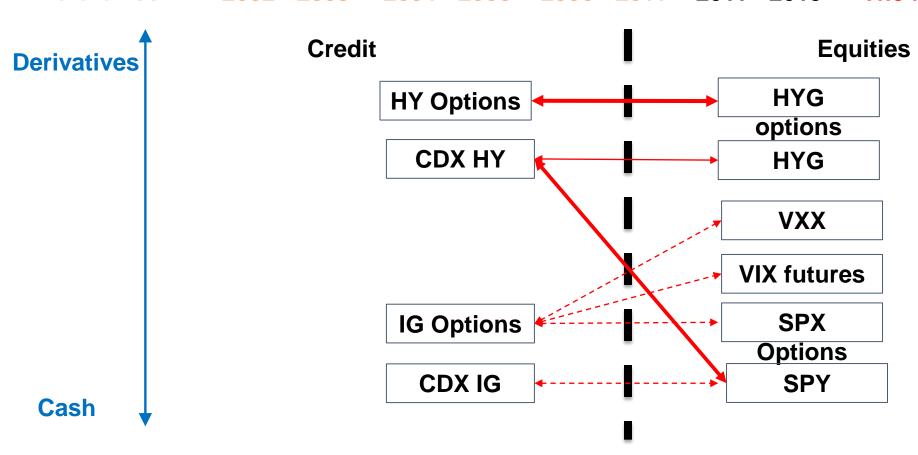
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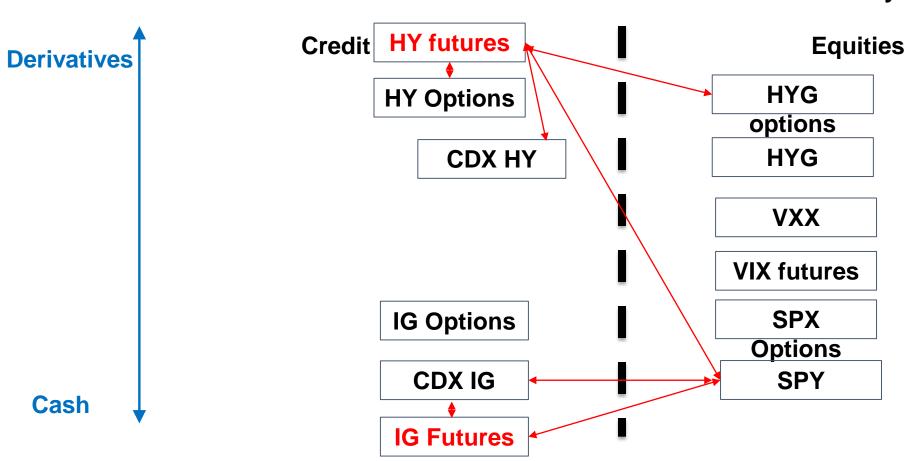


Before 2002 2002 - 2005 2004 - 2006 2006 - 2011 2011 - 2015 The Rise of the ETFs





Before 2002 2002 - 2005 2004 - 2006 2006 - 2011 2011 - 2015 Today New Entrants



#### **Important Disclaimers**



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