4. Wykład - wskaźniki greckie

środa, 21 października 2020 10:15

A = & - miara riailinesii opgi lub portfela na zmiany ceny instrument podstaurego.

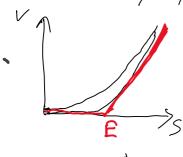
A-hedging to jest stategia rugorania ryzyka, cryli zeroranie pochodnej po S.

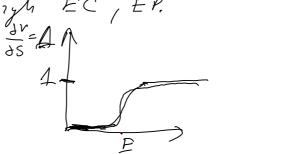
 $\frac{\partial \left(V - AS\right)}{\partial S} = 0 \quad \text{we klasyoner propadhe.}$

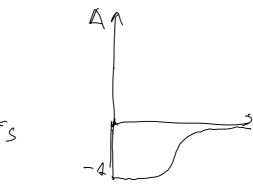
Moina tei A-hedroral innymi instrumentami.

Np. skomplikerene opje hedieje sis opejami

aanilionymi, cryhi EC, EP.

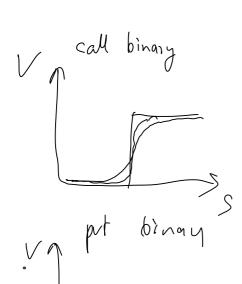


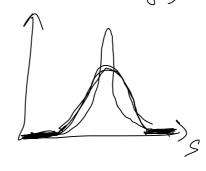




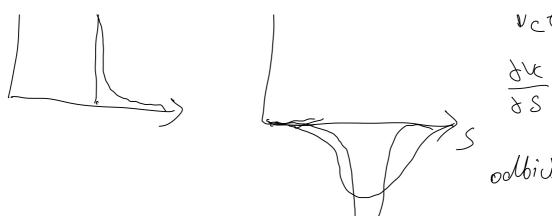
cM

 $V_{c} - V_{p} = S_{7} - E \cdot e^{-r}$ $\frac{\partial V_{c}}{\partial S} - \frac{\partial V_{p}}{\partial S} = 1$





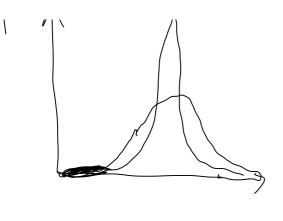
 Λ

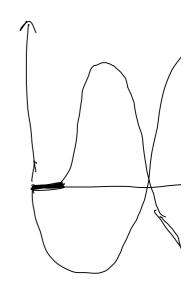


 $\Delta_{coll} = N(d_1)$ $\Delta_{p-t} = N(d_1) - 1$ $\Delta_{BC} = \frac{e^{-r(T+t)} \cdot N'(d_2)}{\langle S \sqrt{T+t'} \rangle} = -\Delta_{BP}$ $\frac{\delta_{coll} = N(d_1) - 1}{\langle S \sqrt{T+t'} \rangle} = -\Delta_{BP}$ $\frac{\delta_{coll} = N(d_1) - 1}{\langle S \sqrt{T+t'} \rangle} = -\Delta_{BP}$ $\frac{\delta_{coll} = N(d_1) - 1}{\langle S \sqrt{T+t'} \rangle} = -\Delta_{BP}$

Gamma $\Gamma = \frac{3^2V}{3S^2} = \frac{3}{3S} \Lambda$ Gamma jest cirnilinosing Λ na zmi
akyi. Jest miarg jah czysto i bardzo p

logdzie update orana, nozet przy malydn Γ Γ Γ Λ Λ





Jej celem j'est zminimalizozanie portfela. v celu zyzerokania A.

Aloy robici (- hed ging miny mich dra instrumenty do zabezpievienia, o dhie pochodne, np jedne ak y)

T = V - a-S-b. V1

$$\frac{377}{55} = 0$$

$$\frac{377}{55} = 0$$

Robiny to po to min, aby Spi

i Unikngi Transakcy, Myor Kostón i prozinji/s Vega = Zupernie inny Lokarinik o. nyzy ko modeln bo bada modelu.
blishi Or te parametru Jevili sast nie ma durie pararlinosis parametr najtrudniejs 17 a Vege-hedging -3t el egia Si, zablicyi de O V291 naraionym ne byé mocno ratoienie 0 Rho=>= dV Wraitinosi

A) prabbyce stosvje sir 12. tego estecarniles, aby un29/9 calej struktury crasorej (CH 1, 2, 5, 7) Lilmott CH13 - fixed income (CH15) - binomid model

Theta

2 miana opyi zynihonjaca

upryzającego crasu

Hedging model-dependent (M)hp delta jamma he Vega itd hedgings strategie ralladajece jalist honketns Olynamity ceny Ca 96 Hedging dynamicing cos pomi, ted hedging wo ~ / ^ /0

M-hedging

Dusami sos nazyka Quasi-hedgi

Margin hedging - no na chentralre 2022 Lania deposition. Crash hedging zabez wolthini spadlami, typi SUAN.

NASSIM TALEB, Foole

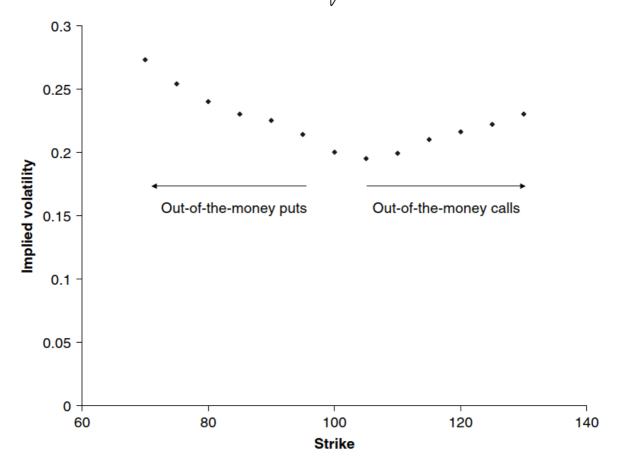
11 BLAC

·> 1

SURVIVORSHP BIAS

Emiennosc implica

- Sposób kalíbra



1 1 () A 1 , O 1 1 \