



Speaker

**EVOLUTION OF VALUE:
PERSPECTIVES FROM BOTH SIDES OF THE ATLANTIC**



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Valuation in health economics

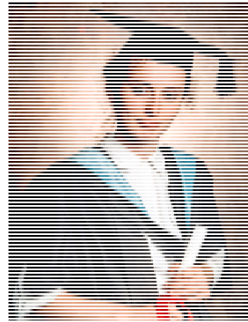
Reflections of a UK health economist.....and patient...

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November2017

The presenter has no conflict of interests

Reflections of a Health Economist.....



Buying a puppy?



- Breed
- Dog Breeder
- Size
- Price
- Care Needed
- Personality
- Life Span



$\int R(x, \sqrt{\frac{ax+b}{cx+d}}) dx$
 $e^{-xyz} = e; A[0, e, 1] x^2 + x^2 + y^3 + z^3 + xyz - C = 0$
 $\frac{2x}{x^2 + 2y^2} = 2$
 $C = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix} \frac{\sin x}{x} \leq \frac{x}{x} = 1$
 $\text{grad} f = \left(\frac{\partial f}{\partial x}, \frac{\partial f}{\partial y} \right) \frac{\partial z}{\partial x} = 2; \frac{\partial z}{\partial y} = 0$
 $y = \sqrt[3]{x+1}; x = \text{tgt}$
 $B = \begin{pmatrix} 2 & 1 & -1 & 0 \\ 3 & 0 & 1 & 2 \end{pmatrix} \vec{n} = (F_x, F_y, F_z)$
 $A = [1, 0, 3]$
 $X_1 = \begin{pmatrix} \alpha + \beta + \gamma \\ \alpha \\ \beta \end{pmatrix}$
 $A+B+C=8$
 $-3A-7B+2C=-10,3$
 $-18A+6B-3C=15$
 $\int 3x^7 + 166x^{-0.17} dx$
 $\lim_{h \rightarrow +\infty} \left(1 + \frac{1}{h}\right)^h$
 $X \in \mathbb{R}$
 $\cos \varphi = \frac{(1,0) \cdot \left(\frac{1}{2\sqrt{3}}, \frac{1}{4\sqrt{3}}\right)}{\sqrt{\frac{1}{12} + \frac{1}{48}}}$
 $\lambda_2 = i\sqrt{14}$
 $\delta(p_2) = \sqrt{0.16}$
 $z = \frac{1}{x} \arcsin \frac{\sqrt{z}}{2}$
 $\left(\frac{\partial f}{\partial x}\right) = 16 - x^2 + 16y^2 - 4z > 0$
 $\lim_{n \rightarrow \infty} \frac{\sqrt{n^3+1+n}}{\sqrt[3]{3n^2+2n-1}}$
 $x_1 = -11p, x_2 = -p, x_3 = 7p, p \in \mathbb{R}$
 $Y_{i+1} = Y_i + b_i k_i$
 $k \neq 0, \beta \neq 0, \mu \neq 0$
 $\lim_{x \rightarrow 0} \frac{e^{2x}-1}{5x} = \frac{2}{5}$
 $x_2 = \begin{pmatrix} \alpha \\ \beta \\ \gamma \end{pmatrix}$
 $\eta_1 = \lambda_1^2 - 3\lambda_1 + 1 \neq 0$
 $2 \arctan x - x = 0, I = (1, 10)$
 $\lambda x - y + z = 1$
 $x + y + z = \lambda$
 $(1+e^x)yy' = e^x$
 $A = \begin{pmatrix} x_1 + 1 + x_2^2 + 1 \\ y_1 + 1 + y_2^2 + 1 \\ z_1 + 1 + z_2^2 + 1 \end{pmatrix}; x=0, y=1, z=2$
 $F_2' = 2xyz - 1 = 1$
 $x + y + z = \lambda$
 $X_1 = \begin{pmatrix} 2p \\ -p \\ 0 \end{pmatrix}$
 $y(t) = 1$
 $\alpha, \beta, \gamma \in \mathbb{C}$
 $f(x) = 2^{-x} + 1, \epsilon = 0.005$
 $\cos^2 \alpha + \cos^2 \beta + \cos^2 \gamma = 1$
 $\sum_{i=1}^n (p_2(x_i) - y_i)^2$
 $y' - \frac{\sqrt{y}}{x+2} = 0; y(0) = 1$
 $\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 0$
 $\int_{-\sqrt{z}}^{\sqrt{z}} \sin^4 x \cdot \cos^3 x dx$
 $\lim_{x \rightarrow 0} \frac{e^{2x}-1}{5x} = \frac{2}{5}$
 $\iiint_M z dx dy dz = \int_0^{2\pi} \left(\int_0^2 \left(\int_{\frac{1}{2}}^1 r r dr \right) d\theta \right) d\varphi$

Screening for Glaucoma



Surveillance for ocular hypertension Study

**Clinical/QALY
approach (Cost-Utility
Analysis)**



@UsGenericDrugs

Recommended advising individuals with
OHT to have eye-test in community setting

**Person centred approach
(Cost-Benefit Analysis)**



Highlighted value of active monitoring
programme in hospital setting



Dental Treatment



Whole Genomic Sequencing



Infertility Treatment



Public Health Interventions



Reflections as a patient.....



Lamppost Fallacy.....



It's time to look beyond the lamppost!