

RESEARCH DIGEST



Utilising Generative Artificial Intelligence for Research Productivity

8f: UnYU'vfu]a

Dean, Institute for Research and Innovation, Villa College

; YbYfUHj Y' 5fh] VU' bhY'] YbWV f5-ē]g VYVēa]b[
a cfY' dcdi 'Uf']b' UMXYa]W fYgYUfWZ' m]YX]b[
VYbY hg' UbX' WU'Yb[Yg": cf' gi XYbhj k cf_]b['cb'
h.Y]f'fYgYUfWZ5=hc'g'WVb VY'YdZ' "; YbYfUHj Y' 5=
WVb ZUV]UHj' fYgYUfWZ' Yb\UbWV' dfcXi V]j]māUbX'
dfcj]XYbcj Y']og] [\hg' <ck Yj Yfzi h]]g]b[; YbYfUHj Y'
5= hc'g' dYf' Yh.]W' g]UbXUfXg' UbX' a U]bU]b]b[

Yi Ua]bYg\ck' bYk' fYgYUfWYfg'WVb' i gY'; YbYfUHj Y'
5=hc'g'Y V]j Y'mUbX Yh.]W' m]b' fYgYUfW"

Understanding Generative AI in Academic Research

H.Y' i gY' cZ; YbYfUHj Y' 5=]b' fYgYUfW']g' U' dcdi 'Uf'
g' V'YV' cZ UMXYa]W XYVUHjg' Gca Y' g]m'
; YbYfUHj Y' 5=WVb WUb[Y h.Y k UmfYgYUfW']g' XcbYz

Yj Yb'Yd]b['k]h' k f]]b['f6U<Ua a Ua YhU'z&&& 'ē'
Ch.YfgYi dfYgg'VēbWfb' h.UhYi Wgg] Y XYdYbXYbW'
cb'; YbYfUHj Y' 5=a UmfYg' h']b' V]UgYg' UbX' Yh.]W'
X]Ya a Ug]b' UMXYa]Wk cf_ 'f' UfcVYbY YhU'z&&& /
Hca]ogcb' YhU'z&&& 'ē' g' Yb' k]h' h.YgY' VēbWfbgž
a cfY' UbX' a cfY' dYcd' Y']b' h.Y' g]V]bh] WVēa a i b]m'
UfY' i g]b[; YbYfUHj Y' 5=]b' h.Y]f' k cf_ 'f' UfcVYbY Yh
U'z &&& 'ē-h.]g']bX]W]Hjg' h.Uh']bX]]Xi Ug' UfY'
fYVē[b]g]b[' h.Y' UXj UbU[Yg' cZ ; YbYfUHj Y' 5=]b'
Yb\UbV]b[fYgYUfW' Y V]bWēd' dfcXi V]j]māUbX' h.Y'

Productive Applications of Generative AI Tools in Research

1 ChatGPT for Research Design

; YbYfUHj Y' 5=hc'g']Y' 7\Uh' DHWVb VY'YdZ' 'Zcf'

VfU]bg'cfa]b[' fYgYUfW' ei Yg]cbgž fY b]b[' hcd]Mj
UbX' gYUfW' g]fUHj []Yg' Gi XYbhj' Wb' \Uj Y' U'
VUW! UbX! Zcfh' Vēbj YfgU]cb' hē' [i fY' ci h h.Y V]]

UbX' bX']a dcfUbh]bZcfa Uh]cb' fBYb[/ '@pž &&& 'ē'
6m]U_]b[' k]h' 7\Uh' DHž gi XYbhj' Wb' [Yh' WUf'

hē' h.Y' YX"

K \Yb' gi XYbhj' g]Ufi k]h' VfcUX']XYUgž 7\Uh' DH

WVb' g' [[Ygh' \ck' hē' ZcWg' h.Y]f' fYgYUfW' UbX' bX'
[Udg]]b' k \Uh' \Ug' U' fYUxm' VYb' gi X]YX' fBYb[/ '@pž
&&& 'ē': cf']og] UbWZ' U' gi XYbhj' Xn]b[\ck' k cf_]b['
fYa ch' m]U' YV]g' Ya d' cm' Y' dfcXi V]j]māVēi X' i gY'
7\Uh' DH' hē' 'cc_' XYYdYf']b' hē' a YbU' \YU' hž

WVb' \Y'd' h.Y' gi XYbh' bX X] YfYbhd' Yfgd' YV]j Yg' UbX'
bYk']XYUg' Zcf' h.Y]f' fYgYUfW' za U_]b[]hg' fcb[Yf' UbX'

2 SciSpace for Literature Review

H.Y' 5= dck YfYX' hē' G]GdUW' ZUV]UHjg'

FUH.Yf' h.Ub']b' Yg]b[' Yi Wgg] Y' h]a Y' gYUfW]b['

YbYf[m`Yj Yg" 5Wzfx]b['hc' K \]ngY' UbX' F]WUfXg'
f&\$& lz' ja d'Ya Ybh]b[' YI]VY' kcf_ ' dc]Wg' H.Uh
YbVzi fU[Y'k U_]b['a YYh]b[g'g]UbX]b['VfYU_g'UbX'

D\ngj\c[mž%+)! %- \$"

G\fyg\UzB'z?i __cbYb! <Uf4 Uz?"HJYfVYY_z>]UnzGz
<Yfa UbGzJ'z/ DYX]g]MN"r&\$%L"K cf_dUW]bHfj YbhjcbgZcf
fYXi V]b['g]H]b['Uhk cf_"7cWfUby 8UHUVUgy'GnghFYj 'z
78\$%-&"Xc]%'\$&#%*)%) , "78\$%-&"

K UfVi frcbzb"r&\$&z- %"HAY\YU'h 'fg_gUggcV]UHYX k]h'
g]XYbUf]ga "FYHf]j YX Zca '€G<'a U[Un]bY'ggj Yg'
cg]a U[Un]bYV]a #&\$&#&\$- #&\$% \YU'h! fg_g UggcV]UHYX! g]

K \]ng]z@z5VU\z9z/ F]WUfXg]H'r&\$& L"9X]rcfg'8Yg_ ' '
7fYU]b['U'Acj Ya YbhZcf<YU'h.mD\ng]W'5M]j]mUhK cf_"
5a Yf]W]b'>ci fbU'cZ<YU'h Dfca ch]cbz' fl +z+&& +&' "

K cfX'<YU'h 'Cf] Ub]U]cb"r&\$&(z* '&'L"K cfX'<YU'h '
Cf] Ub]U]cb"FYHf]j YX Zca ' <YU'h Hcd]Mg'
\Hdg##k k'k'k\c"l]h#bYk g]j]Ya #&'! \$*! &\$&(! bYUf]h% ! V]']

Hoang Khieu, Roberto Leon-Gonzalez

Explaining the evolution of the wealth distribution requires understanding the dynamics of consumption and savings. We analyze the dynamics of consumption and savings under uncertainty in labour income and the rate of return on wealth, which are two-state continuous time Markov processes. The rate of return is persistent and has a right-skewed distribution. We show that the wealth accumulation process has a stationary distribution if the (unconditional) expected change in the rate of return is sufficiently small or large. In particular, when the expected change in the rate of return is moderate, the wealth accumulation process is non-stationary.

Read more on...
<https://www.jstor.org/stable/48795037>

Promoting Local Tourism to Align with Sustainable Development Goals (SDGs) in Island Nations like the Maldives

<Uk k U'5]g\Ub '5VXi ``<UbbUb

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Introduction



Gĩ gU]bUVY' 8Yj Y'cda Ybhi ; cU'g' fG8; g!' @cW' hci f]ga 'YbVti fU[Yg'g' gU]bUVY' YVt'bcā]M[fck h.ž dfchVMg' W'hi fU' \Yf]fU[Yž UbX' gj ddcfrg' Ybj]fcbā YbKU' Vt'bgYfj Uh'cb'' : cf']bgUbwž h.Y'

The Impact of Tools on Human Evolution

<i>ggUj>i bUUb

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H`jg` fYdcfh` Yl d`Ujbg` h`fY` Yj Ybhg` h`Uh` dUj` YX` h`Y`



