RESEARCH PRESENTATION

First Author, Second Author

Location – Date

Available at https://github.com/pmichaillat/latex-presentation

GENERIC SLIDE

- Consectetur adipiscing elit
- Sed do eiusmod tempor incididunt
- Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat
- Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur
- Ut labore et dolore magna aliqua

SLIDE WITH NESTED LISTS

- Sed do eiusmod tempor incididunt:
  - Quis nostrud exercitation ullamco laboris Quis nostrud exercitation ullamco laboris. Quis nostrud ullamco laboris.
    - [ ] Lorem ipsum dolor sit amet
    - [ ] Consectetur adipiscing elit
    - [ ] Quis nostrud exercitation ullamco laboris
  - Nisi ut aliquip ex ea commodo consequat
  - Velit esse cillum dolore eu fugiat nulla pariatur
- Ut labore et dolore magna aliqua

SLIDE WITH NUMBERED LIST

1. Lorem ipsum dolor sit amet
2. Consectetur adipiscing elit
3. Sed do eiusmod tempor incididunt
4. Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat
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SLIDE WITH NESTED NUMBERED LISTS

1. Sed do eiusmod tempor incididunt:
    a. Quis nostrud ullamco laboris Quis nostrud exercitation ullamco laboris. Quis nostrud exercitation ullamco laboris.
        i. Lorem ipsum dolor sit amet
        ii. Quis nostrud exercitation ullamco laboris
    b. Nisi ut aliquip ex ea commodo consequat
    c. Duis aute irure dolor in reprehenderit in voluptate
2. Ut labore et dolore magna aliqua

SLIDE WITH ALERTS

Lorem ipsum dolor sit amet:

- Here is a basic alert: important text
- Here is a basic alert on the second click: important text
- Here is a positive alert on the third click: important text
- Here are various alerts to flag the sign of numbers on the second and third clicks:
  - Positive number: +5
  - Negative number: -10
  - Zero number: 0.0

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GENERIC SECTION

SLIDE WITH SOME NUMBERS AND SPECIAL CHARACTERS

- Pellentesque habitant 25% morbi tristique senectus 1837–1905
- Integer semper euismod sapien vel dictum #1 and #6.
- Donec et ipsum 3/4 in mauris ultricies pulvinar 9/2
- Nullam quis “sapien a justo” vestibulum fermentum
- Cras sed odio & vitae mi placerat mollis: $23.
- (Nam sagittis sapien id tortor commodo—a pulvinar velit ultricies…Integer ac magna velorci mollis vestibulum.)

SLIDE WITH MATH

- Roman letters: $G[p + P^{7} - Q] - A_{B} + L\{j\} = F(X) \times Z_{f}/H \cdot (g_{4} - i)$
- Greek letters: $\alpha + \Gamma - \zeta \times \Lambda - [\beta - \pi/2] + \phi^{2} \to \infty$
- Blackboard bold letters: $\mathbb{R}^{2} + \mathbb{Q}^{3} - \mathbb{Z} = \mathbb{C} \subset \mathbb{N} \times \mathbb{N} \neq \mathbb{E}/\mathbb{P}$
- Calligraphic letters: $(\mathcal{A}(X) - \mathcal{B}(j)^{3}) + [\mathcal{Z}(t)/\mathcal{H}(t)]^{5} \mapsto \mathcal{F}(g)$
- Symbols and operators: $\sqrt{\ln(u)} \in Q \propto \cos(\theta) \leq \sin(\pi) - \exp(3)$
- Here is an equation:

$$\int_{0}^{\infty} e^{-\delta t} \ln(c_{j}(t)) + \mathcal{U}(b_{j}(t) - \mathcal{B}(t)) - \frac{\zeta}{4} h_{j}(t) - \frac{\gamma \cdot \pi_{j}(t)^{2}}{8} \, dt$$

GREEK LETTERS AND THEIR VARIANTS

- Some but not all of the variants of the Greek letters are available
- There is:
  - a variant for theta: `\vartheta` gives $\vartheta \neq \theta$
  - a variant for epsilon: `\varepsilon` gives $\varepsilon \neq \epsilon$
  - a variant for pi: `\varpi` gives $\varpi \neq \pi$
  - a variant for phi: `\varpsi` gives $\varphi \neq \phi$
- But there is no available variant for:
  - sigma: `\varsigma` gives $\varsigma = \sigma$
  - rho: `\varrho` gives $\varrho = \rho$
  - kappa: `\varkappa` gives an error

BOLD CHARACTERS IN MATH

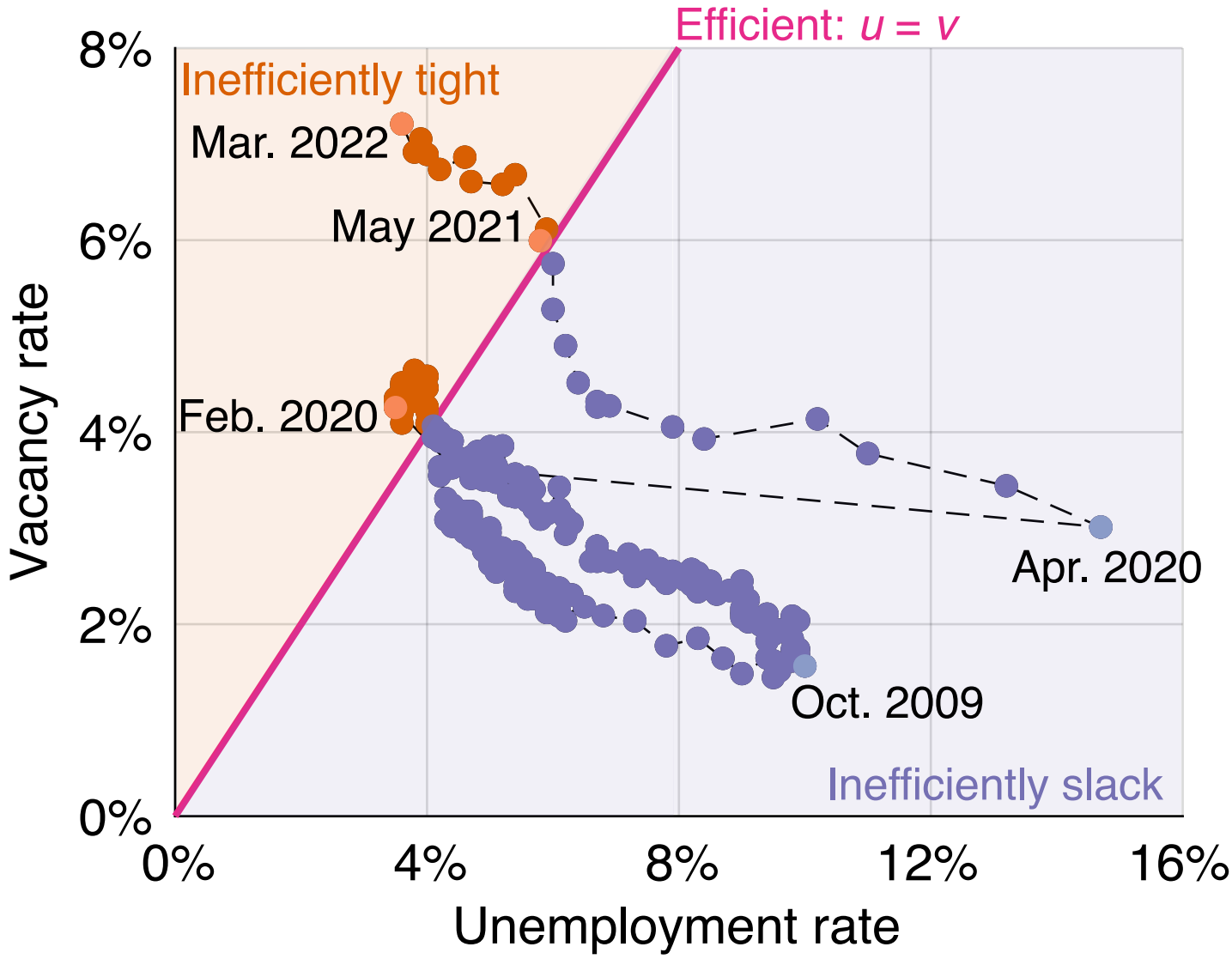
- In the template it is possible to bold all math characters
- Roman characters can be bolded: $\boldsymbol{a} + \boldsymbol{D} = \boldsymbol{E}^2 + \boldsymbol{j}/\boldsymbol{i}$
- Greek characters can also be bolded: $\boldsymbol{\alpha} + \boldsymbol{\Delta} = \boldsymbol{\epsilon}^2 + \boldsymbol{\Lambda}/\boldsymbol{\Phi}$
- Digits can be bolded: $1 + 2 \neq \mathbf{1} + \mathbf{2}$
- Finally, it is possible to bold calligraphic letters: $\boldsymbol{\mathcal{C}} + \boldsymbol{\mathcal{E}} - [\boldsymbol{\mathcal{X}} + \boldsymbol{\mathcal{Y}}]$.
- Blackboard-bold letters are already “bold” so they cannot be bolded further

BOLD CHARACTERS IN MATH

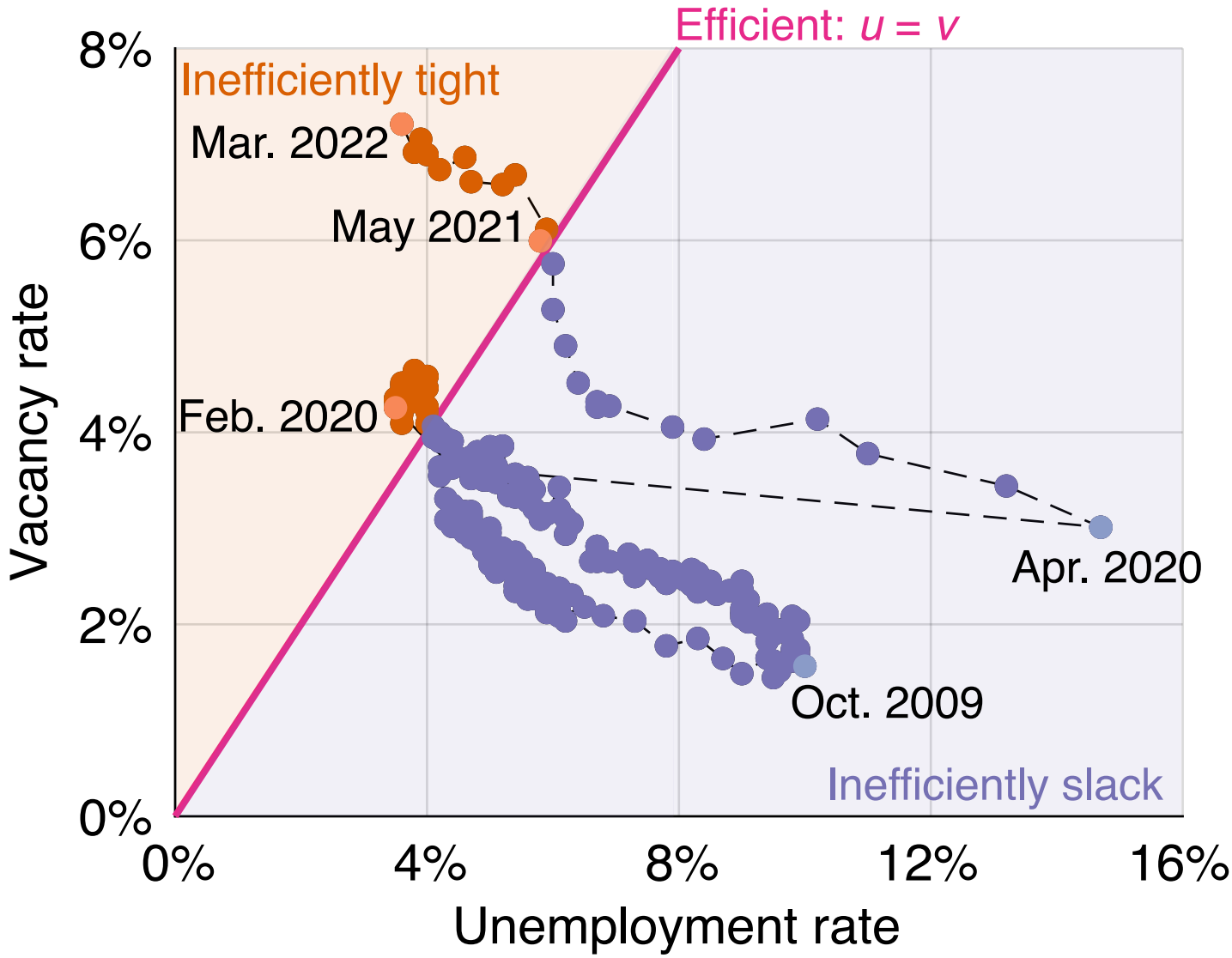
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SLIDES WITH FIGURES

BASIC FIGURE

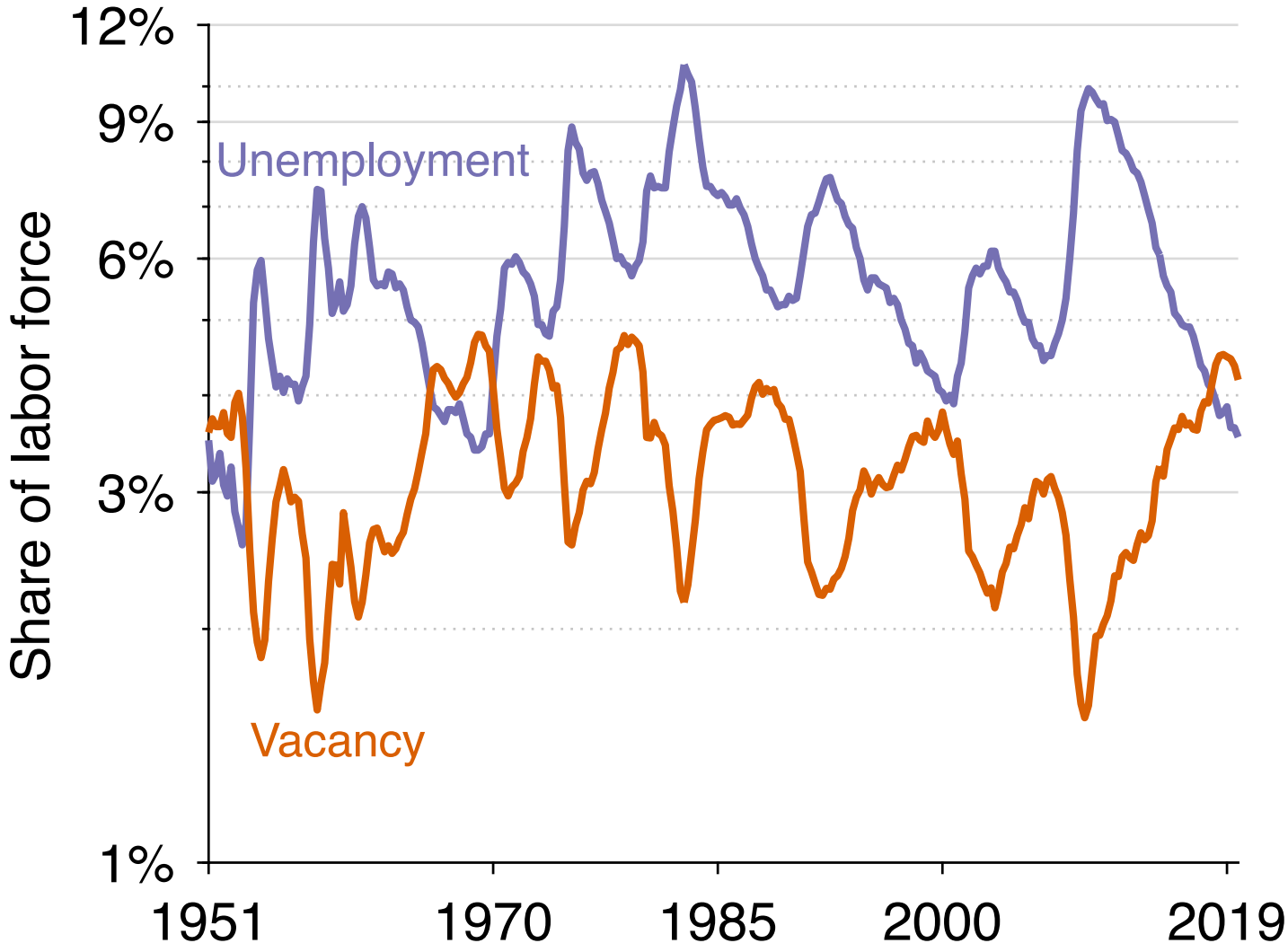


BASIC FIGURE WITH NOTE

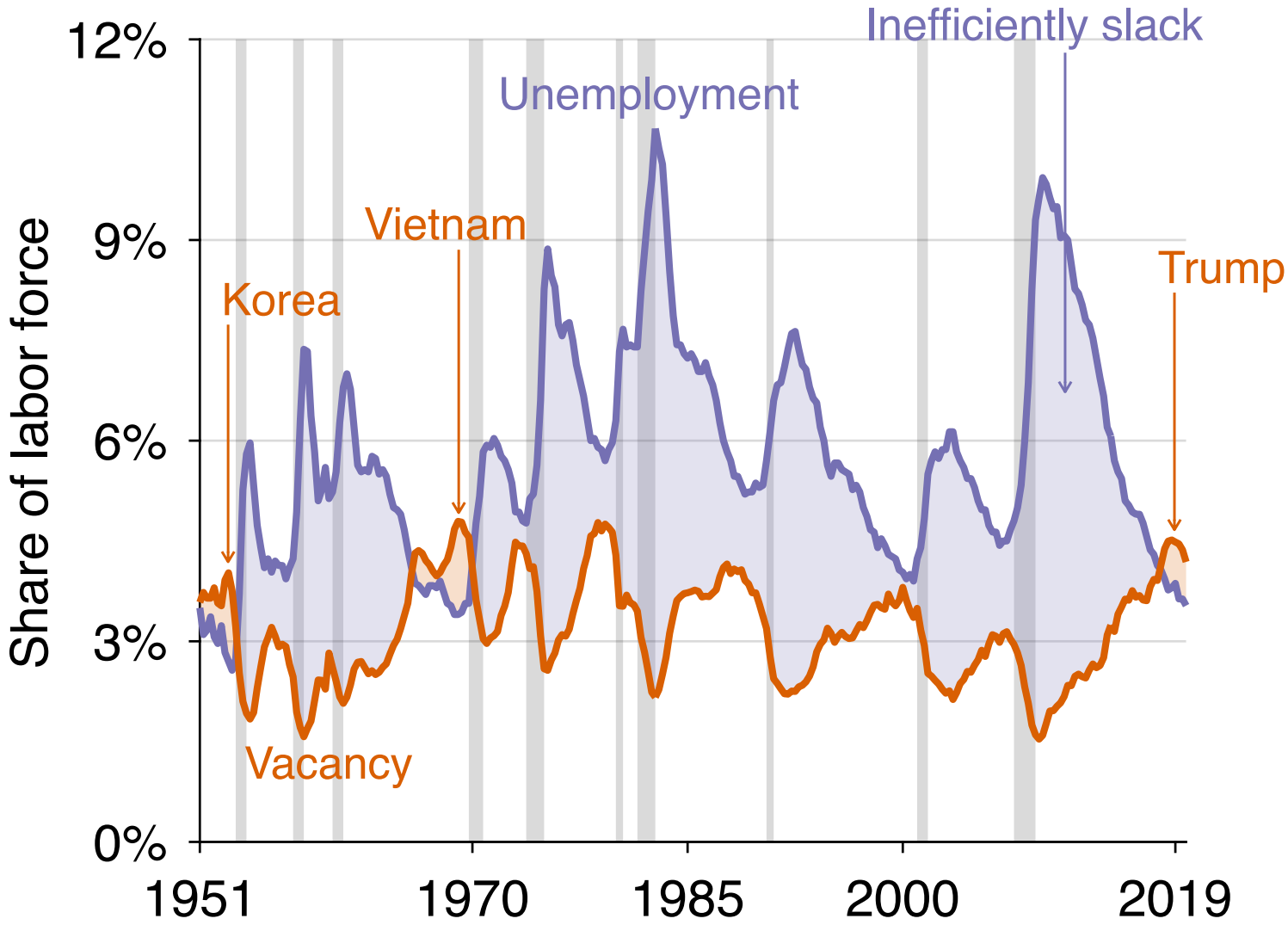


Period: January 2001–March 2022. Source: BLS data from the CPS and JOLTS.

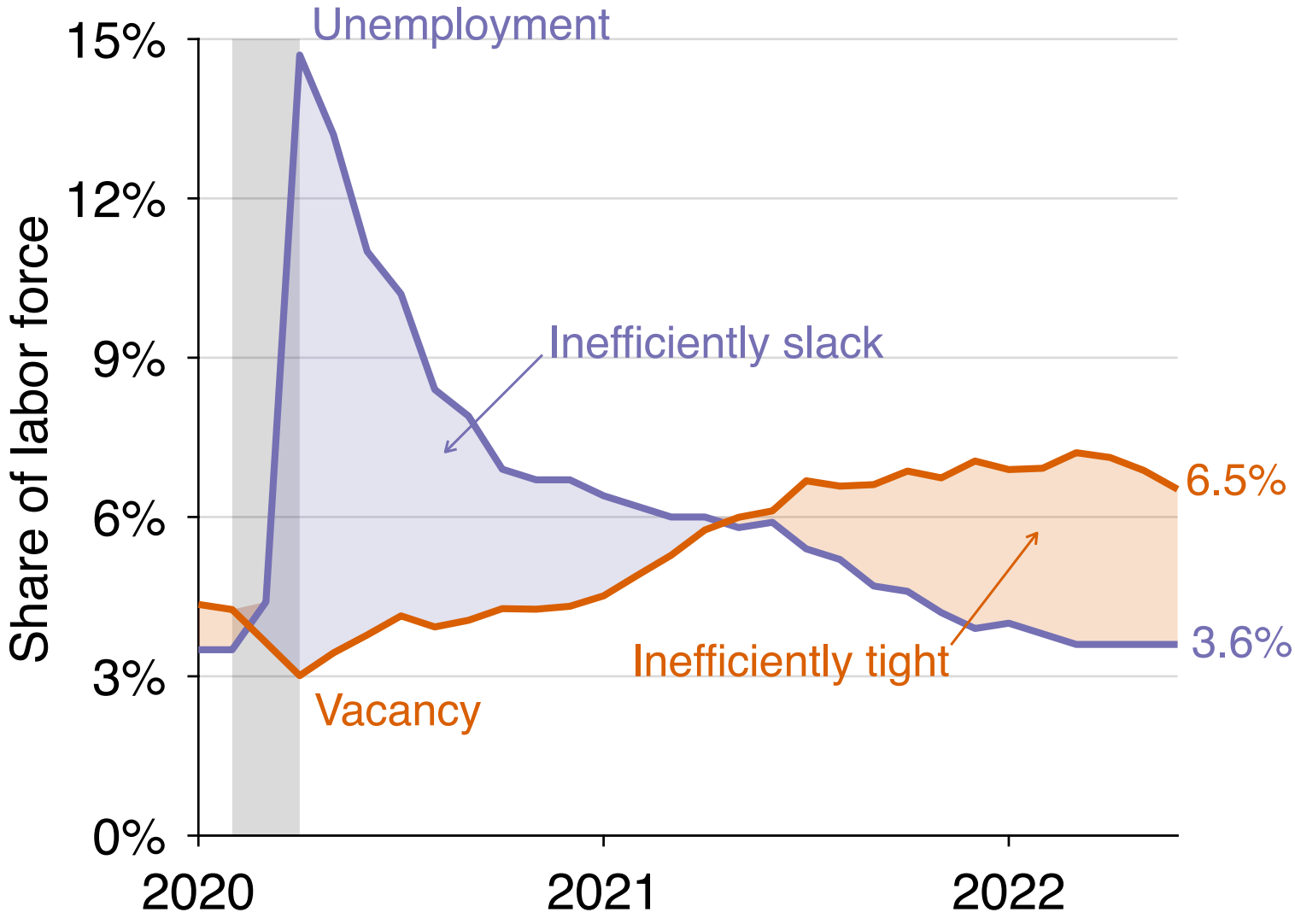
COLLECTION OF FIGURES (ONE FIGURE PER CLICK)



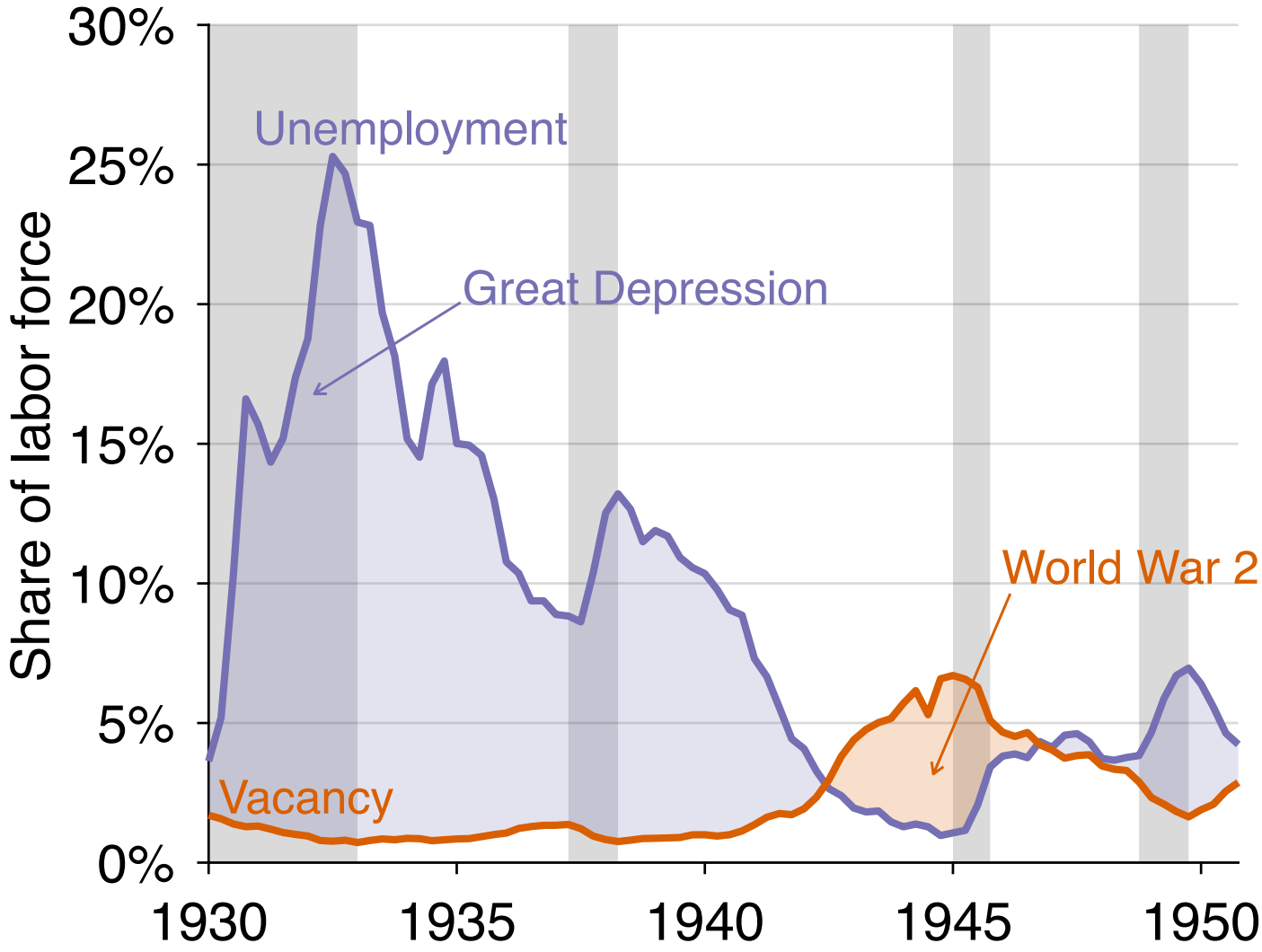
COLLECTION OF FIGURES (ONE FIGURE PER CLICK)



COLLECTION OF FIGURES (ONE FIGURE PER CLICK)



COLLECTION OF FIGURES (ONE FIGURE PER CLICK)



SLIDE WITH TABLE

BASIC TABLE

	Column 1	Column 2	Column 3	Column 4
Line 1	A	B	C	C
Line 2	D	E	F	C
Line 3	G	H	I	C
Line 4	J	K	L	C
Line 5	M	N	O	C
Line 6	B	K	L	C
Line 7	M	N	–	K

BASIC TABLE WITH NOTE

	Column 1	Column 2	Column 3	Column 4
Line 1	A	B	C	C
Line 2	D	E	F	Λ
Line 3	G	H	I	C
Line 4	J	K	L	C
Line 5	M	N	O	C
Line 6	B	K	L	C
Line 7	M	N	–	K

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BASIC TABLE WITH NOTE

	Column 1	Column 2	Column 3	Column 4
Line 1	A	$\mathcal{B}$	C	C
Line 2	D	E	F	Λ
Line 3	$\mathbb{G}$	H	I	$\mathfrak{C}$
Line 4	J	K	L	$\mathfrak{C}$
Line 5	M	N	O	$\mathfrak{C}$
Line 6	B	$\mathcal{K}$	L	C
Line 7	M	N	–	$\mathcal{K}$

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SLIDES WITH THEOREMS

SLIDE WITH THEOREM

Theorem (First theorem)

Lorem ipsum dolor sit amet, consectetur adipiscing elit:

$$\sum_{k} \mathcal{S}_{k_x}(z) \approx \frac{S(z)^x}{k/23 - \zeta\gamma[45 - S(z)] + \ln(y) - j^2 + x(l)}$$

Ut enim ad minim veniam, sunt in culpa qui officia deserunt mollit anim id est laborum. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

SLIDE WITH LEMMA

Lemma (Interesting lemma)

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat:

$$z^* = \int_0^\infty \alpha(i) \cdot \frac{1 - \beta}{1 - \alpha(i)\beta} \, di \tag{1}$$

Sed vel sodales dui:

$$S(z)^x > \frac{\zeta}{\gamma} \cdot \exp(45 - S(z)) \tag{2}$$

SLIDE WITH PROPOSITION

- Quia dolor sit amet consectetur adipiscing velit
- Sed quia non numquam eius modi tempora incidunt
- Ut labore et dolore magnam aliquam quaerat voluptatem

Proposition (Application to interesting topic)

Consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua $\mathcal{Z}(\alpha)$.

$$\frac{\sum_i z^i}{\prod_i q^i} \to \frac{\int_0^\infty \alpha(i) \cdot [1 - \beta]\, di}{1 - \exp(\alpha) \sin(\beta)}.$$

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

SLIDE WITH CORROLARY

Corollary (Implication in a simple yet common case)
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua:

$$\mathbb{E}(N(z^*)) \approx \frac{1 - \mathbb{P}(\alpha\pi)}{1 - \pi} - \frac{f(y)}{z(p)^*} + P(\Gamma).$$

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

- Donec commodo justo a eros malesuada
- Eget vulputate tortor accumsan,
- Vulputate metus eu, finibus nunc: $\ln(y) - \sum j^2 \to x(l)$

A LONG SECTION TITLE: QUIS NOSTRUD EXERCITATION ULLAMCO LABORIS NISI UT ALIQUIP EX EA COMMODO CONSEQUAT

SLIDE WITH BUTTONS

1. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
2. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
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4. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

▸ Go to a first backup slide ▸ Go to another backup slide

SLIDE WITH LONG DERIVATION OR LONG REFERENCE LIST [1]

- lorem
- ipsum
- dolor
- sit
- amet
- consectetur
- adipisicing
- elit
- sed

SLIDE WITH LONG DERIVATION OR LONG REFERENCE LIST [2]

- do
- eiusmod
- tempor
- incididunt
- ut
- labore
- et
- dolore
- magna

SLIDE WITH LONG DERIVATION OR LONG REFERENCE LIST [3]

- aliqua
- ut enim
- ad minim
- veniam

SLIDE WITH A VERY, VERY LONG TITLE AND VARIOUS FONT SHAPES: QUIS NOSTRUD EXERCITATION ULLAMCO LABORIS NISI UT ALIQUIP EX EA COMMODO CONSEQUAT

- Text in italic: *consectetur adipiscing elit, ut labore et dolore magna aliqua, quis nostrud exercitation ullamco laboris Quis nostrud exercitation ullamco laboris*
- Text in bold: **sed do eiusmod tempor incididunt, duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur**
- Text in semibold: **quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat**

SLIDE WITH PICTOGRAMS

- implication: this $\Rightarrow$ that
- sequential events: this $\rightsquigarrow$ that
- something is going up: $\uparrow$
- something is going down: $\downarrow$

$\Rightarrow$ pictogram used as a list item

$\rightsquigarrow$ another pictogram used as a list item

FIRST BACKUP SLIDE

- Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
- Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
- Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

▸ Return to main slide

ANOTHER BACKUP SLIDE

1. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
2. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
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▸ Return to main slide