Introduction 000000 Model and 00000 Data Sour 000 Empirical Results

Conclusions 00 Reference 00

Financial Development and Rural Transformation: Evidence from County-level Data in China

Xuerong Wang, Xinpeng Xu, Yu Sheng

China Center for Agricultural Policy, Peking University Crawford School of Public Policy, ANU School of Accounting and Finance, HKPU

> 14 May 2024 Washington D.C.



Australian National University





#### **2** Background

#### 3 Model and Method

#### 4 Data Source

#### 5 Empirical Results

#### 6 Conclusions

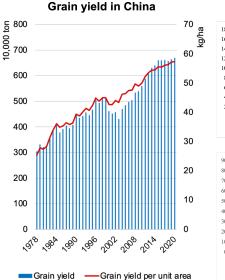
Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000	000000000000000000000000000000000000	00	00
Introd	uction					

China has achieved a miracle in agricultural development over the past 40 years.

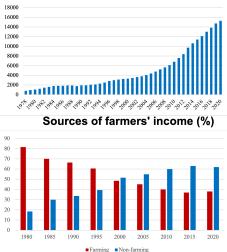
- Agricultural GDP grew at 5.4% a year, five times than population growth rate of 1% (NBS 2023).
- The rapid agricultural development led to poverty reduction and economic structural change.

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000	000000000000000000000000000000000000	00	00
Introd	uction					





#### Rural per capita disposable income



# Introduction

China has achieved a miracle in agricultural development over the past 40 years.

- Agricultural GDP grew at 5.4% a year, five times than population growth rate of 1% (NBS 2023).
- The rapid agricultural development led to poverty reduction and economic structural change.

Institutional reforms on the land, labor and financial markets are essential to driving agricultural development.

- HRS reform in land market (Lin, 1992) and Hukou reform in labor market (Pu et al., 2018).
- Establishing rural financial markets is important for agricultural development (Levine and Zervos, 1998; Gatti and Love, 2008; Guirkinger and Boucher, 2008; Brown et al., 2012).

Little is known about the impact of financial reforms on agricultural sector.

# Introduction

We examine the impact of financial market reforms in rural China on agricultural labor productivity (ALP), with the aim to:

- Examine the mechanism through which financial market reforms affect ALP growth: technology progress vs. capital accumulation.
- Distinguish the different roles of financial market reforms in affecting land consolidation and capital deepening.

We use a natural experiment, namely the Postal Saving Bank of China (PSBC) reform, to conduct the analysis.

- "Open branches across regions over time" ( a continuous variable) plus "authorizing branches to provide banking loan business" (a dummy variable)
- A generalized staggered difference-in-difference approach is employed to identify the causality.

We construct the agricultural production account for

- 1,465 rural counties (out of total 2, 760 counties)
- the 1993-2016 period

# Contribution

We explore the mechanism through which financial market reforms affect ALP, apart from assessing their productivity impact

- Use the Solow model at the county level
- Agricultural productivity vs. Capital accumulation

We measure financial market reforms by combining two different types of reforms and their interaction.

- Market penetration: "Open branches across regions over time" (Beck et al., 2010; Rice and Strahan, 2010)
- Bank de-centralization: "authorizing branches to provide banking loan business" (Wang et al., 2014; Shi, 2011)

We identify the potential adverse impact of financial market reforms on ALP through reducing the marginal returns to land consolidation.

- We split between capital deepening and land consolidation.
- A regression forestry approach is used to explore the changing marginal effects (Athey et al., 2019).

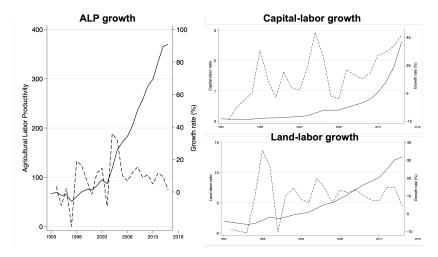




- 3 Model and Method
- 4 Data Source
- 5 Empirical Results

#### 6 Conclusions

# Background: Agricultural output and input

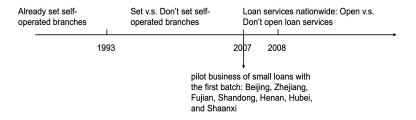


Note. The data comes from the agricultural production account we construct in this paper.

# Background: Rural Financial Development

Background

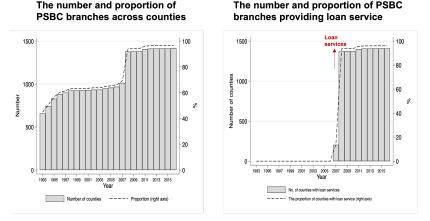
#### Timeline for the PSBC reform



The PSBC reform is aligning with the entire rural financial reform.

- The reform of rural financial markets started the late 1990s, later than the land and labor reforms.
- The reform aims at transforming the state-owned banking system to the market-based system.

#### 



Note: The right figure show the results of PSBC branches conducting loan business. 634 rural counties have already had the self-operated PSBC branches before 1993 while the remaining 774 counties gradually set up the PSBC branches between 1993-2016. The other 57 counties acquired PSBC branches after 2016, mainly concentrated in the Tibet Autonomous Region, Qinghai Province and Yunnan Province. In 2007, the self-operated branches in 204 counties in 7 province are authorized to open the loan business.

Xuerong, Yu, Xinpeng

# Introduction Background Model and Method Data Source Empirical Results Conclusions Reference Co Background: Financial Reform and Agricultural Development in Rural China

#### Internationally,

- Whether finance creates productivity has been discussed for a long time (Levine and Zervos, 1998; Andrews and Cingano, 2014; Bravo-Biosca et al., 2016).
- Most of them focus on the non-agricultural or broader economy (Brandt and Zhu, 2000, 2007; Song et al., 2011; Chava et al., 2013; Moll, 2014).

#### Domestically,

- Financial institutions in China encompass both policy-oriented and commercial entities, offering a range of financial services (Wang and He, 2019; Luo and Li, 2023).
- Reforms of rural financial institutions may positively affect the local economy (Ma et al., 2020; Song et al., 2023).



#### 2 Background

#### 3 Model and Method

#### 4 Data Source

#### 5 Empirical Results

#### 6 Conclusions

Introduction Background Model and Method Data Source Empirical Results Conclusions References

# Model and Method

Assume that agricultural production function takes the form of a Cobb-Douglas function:

 $Y = AK^b Z^c L^\theta$ 

Take the first order condition leading to

lny = a + blnk + clnz

where ALP is decomposed into three components:

- Technology progress (TFP) affects (a)
- Physical capital accumulation affects (k)
- Land consolidation affects (z)

Let *R* represents the shocks caused by the PSBC reform:

$$lny = Rlny(1) + (1 - R)lny(0)$$

# **Empirical Specification**

#### Baseline empirical model specification is:

Model and Method

Elasticity of capital (land) intensity before PSBC reform  $lny_{ct} = b_0 lnk_{ct} + c_0 lnz_{ct} + \alpha R_{ct} + \beta R_{ct} lnk_{ct} + \gamma R_{ct} lnz_{ct} + u_c + v_t + \varepsilon_{ct}$   $R_{ct} = BY_{ct} \times LS_{ct}$ BY(continuous): the number of years since the first PSBC branch was established. LS(dummy): whether the PSBC branch is allowed to providing the loan services

Main interests: technology progress, capital accumulation or land consolidation

- *y* agricultural labor productivity
- k capital-labor ratio
- z land-labor ratio
- R a continuous variables measuring the PSBC reform

# Identification Problem

Model and Method

the PSBC reform might not be randomly assigned across counties:

- We use the Neighborhood Matching Technique (PS match).
- Covariates include Industrial GDP, Fiscal expenditure, and Fiscal income.
- The parallel trend tests are conducted (Imbens, 2015).

There are also potential omitted macroeconomic policies shocks and the potential reverse causality.

- TWFE model with the control of weather conditions, macroeconomic shocks etc.
- The general method of moment (GMM) estimation technique, following Arellano and Bond (1991); Blundell and Bond (1998); Wooldridge (2001).
- The endogeneity test has been conducted (Lars Peter, 1982).

Model and Method

The potential "negative weight" problem associated with the traditional TWFE model:

- Borusyak et al. (2021); De Chaisemartin and d'Haultfoeuille (2020); Goodman-Bacon (2021).
- We use the difference-in-difference estimation developed by Gardner (2022) with multiple time periods.

The heterogeneity effects in treatment across countries and over time.

- Cumulative impact over time/Cross-lagged summation.
- Eventual analyses.

High correlation between capital-labor and land-labor

A series of robustness checks:

- Other measurement of PSBC reform
- Sub-sample of poverty counties or bread-ban counties
- The counterfactual exercise using 2003 land reform.

duction 0000	Background 00000	Model and Method 00000	Empirical Results 0000000000000000000	Conclusions 00	References 00



#### 2 Background

#### 3 Model and Method

#### 4 Data Source

#### 5 Empirical Results

#### 6 Conclusions

## **Data Source**

We construct agricultural production account data

• 1,465 rural counties in China for the 1993-2016 period.

Agricultural input and output definition follows Ball et al. (2010):

Data Source

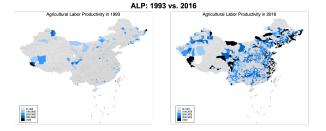
- Agricultural value-added output: total agricultural output value minus total costs of intermediate inputs, deflated by the agricultural PPI.
- **Capital input:** capital services from capital stocks by using the PIM method, including non-residential building and structures, transportation vehicles and other machinery and equipment.
- Land input: land services, estimated by using the land rental in real term. A hedonic approach has been adopted.
- Labour input: hours worked, and quality adjustment has been made by using the wage of rural labors segregated by different sub-sectors.

Measures of the PSBC reform

- A dummy variable for branches to provide loans (Beck et al., 2010)
- A continuous variable for years since first branch is established (Wang et al., 2014)

#### **Data Source**

#### ALP and PSBC branch distribution: 1993 vs. 2016



Data Source

# PSBC: 1993 vs. 2016 Self-operated PSBC branches in 1993

Xuerong, Yu, Xinpeng

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000	•000000000000000000000000000000000000	OO	00



#### 2 Background

3 Model and Method

#### 4 Data Source

#### **5** Empirical Results

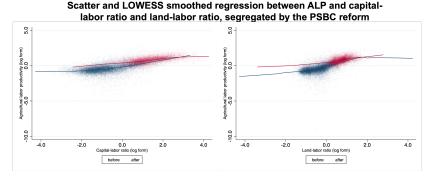
#### 6 Conclusions

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000		00	00
Empiri	cal Rost	ilte				

Empirical Results

- Preliminary Tests
- Impact of PSBC reforms on agricultural labor productivity
- Regression forestry approach: Marginal Impact Analysis
- Robustness checks

# **Empirical Results: Preliminary Tests**



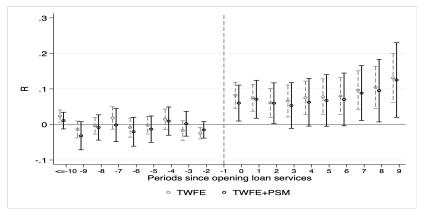
Empirical Results

Note: The red line (dots) represents the relationship for the counties that have implemented the PSBC reforms while the blue line (dots) represents the relationship for the counties that have not. We use the lowess smoothed regression to fit the dots.

# **Empirical Results: Preliminary Tests**

**Parallel trend test** 

Empirical Results

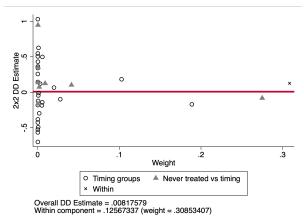


Note: we use 9 periods lags and 10 periods leads in this parallel trend test. The estimators can be obtained from the following regression:  $\Delta lnyl_{ct} = \sum_{j=-10, j\neq-1}^{9} \alpha_j \Delta 1\{t - t_R^0 = j\} + b\Delta lnk_{ct} + c\Delta lnz_{ct} + \beta\Delta(R_{ct} \times lnk_{ct}) + \gamma\Delta(R_{ct} \times lnz_{ct}) + \Delta\nu_t + \Delta\epsilon_{ct}$ 

# **Empirical Results: Preliminary Tests**

Goodman-Bacon Test for "Negative Weights"

Empirical Results



Note: the estimate contain a weighted sum of 12,333 ATTS, where 7013 receive a positive weight (57%) and 5320 receive a negative weights (43%).

The sum of the positive weights is 4.578, while the sum of the negative weights is -3.578. The null hypothesis that the estimated coefficient is comparable with a DGP is rejected at 1%.

Xuerong, Yu, Xinpeng

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000		00	00
Empiri	cal Resu	ılts				

- Preliminary Tests
- Impact of PSBC reforms on agricultural productivity
  - ALP impact: capital deepening vs. technology progress
  - Financial market reform and its impact on land consolidation
- Regression forestry approach: Marginal Impact Analysis
- Robustness checks

	TWFE	TWFE	TWFE+PSM	SYS-GMM+PSM
	(1)	(2)	(3)	(4)
R	0.071***	0.071***	0.080***	0.116**
ĸ	(0.019)	(0.019)	(0.028)	(0.052)
Grafital Islam active (Isra)	0.047***	0.048***	0.044**	0.064**
Capital-labor ratio (log)	(0.012)	(0.012)	(0.019)	(0.037)
	0.333***	0.331***	0.320***	0.330**
Land-labor ratio (log)	(0.028)	(0.029)	(0.041)	(0.079)
Po. 2111 (1.)	0.031***	0.031***	0.022**	0.045***
R×capital-labor (log)	(0.008)	(0.008)	(0.011)	(0.019)
	-0.042***	-0.042***	-0.043***	-0.079**
R×land-labor (log)	(0.007)	(0.007)	(0.010)	(0.022)
S 10 S 1 (1 )	-	-0.016	0.002	0.135**
Self-fiscal (log)	-	(0.017)	(0.028)	(0.052)
CDD (I )	-	0.057	-0.048	0.105***
GDP (log)	-	(0.074)	(0.123)	(0.045)
		-0.009	-0.008	-0.034
Rainfall (log)		(0.015)	(0.025)	(0.045)
a	4.285***	3.698***	4.914***	3.588***
Constant	(0.042)	(0.862)	(1.435)	(0.712)
County fixed effect	Y	Y	Y	Y
Year fixed effect	Y	Y	Y	Y
R-squared	0.78	0.78	0.77	
Difference-in-Hansen test	-	-	-	0.000
Number of instruments	-	-	-	282
Observations	35160	35160	15384	14102

	TWFE	TWFE	TWFE+PSM	SYS-GMM+PSM
	(1)	(2)	(3)	(4)
D	0.071***	0.071***	0.080***	0.116**
R	(0.019)	(0.019)	(0.028)	(0.052)
	0.047***	0.048***	0.044**	0.064**
Capital-labor ratio (log)	(0.012)	(0.012)	(0.019)	(0.037)
Land-labor ratio (log)	0.333***	0.331***	0.320***	0.330** -> (
Land-labor ratio (log)	(0.028)	(0.029)	(0.041)	(0.079) <sup>u</sup>
<b>N</b>	0.031***	0.031***	0.022**	0.045***
R×capital-labor (log)	(0.008)	(0.008)	(0.011)	(0.019)
<b>D</b>	-0.042***	-0.042***	-0.043***	-0.079**
R×land-labor (log)	(0.007)	(0.007)	(0.010)	(0.022)
0.100 1.4 )	-	-0.016	0.002	0.135**
Self-fiscal (log)	-	(0.017)	(0.028)	(0.052)
GDB (L )	-	0.057	-0.048	0.105***
GDP (log)	-	(0.074)	(0.123)	(0.045)
D : 611 (1 )	-	-0.009	-0.008	-0.034
Rainfall (log)	-	(0.015)	(0.025)	(0.045)
<b>a</b>	4.285***	3.698***	4.914***	3.588***
Constant	(0.042)	(0.862)	(1.435)	(0.712)
County fixed effect	Y	Y	Y	Y
Year fixed effect	Y	Y	Y	Y
R-squared	0.78	0.78	0.77	
Difference-in-Hansen test	-	-	-	0.000
Number of instruments	-	-	-	282
Observations	35160	35160	15384	14102

 Capital-labor raitio and land-labor ratio takes up nearly 40%.

	TWFE	TWFE	TWFE+PSM	SYS-GMM+PSN	1
	(1)	(2)	(3)	(4)	
R	0.071***	0.071***	0.080***	0.116**	
ĸ	(0.019)	(0.019)	(0.028)	(0.052)	Increasing agricultural productivity
Capital-labor ratio (log)	0.047***	0.048***	0.044**	0.064**	
Capital-labor ratio (log)	(0.012)	(0.012)	(0.019)	(0.037)	
Land-labor ratio (log)	0.333***	0.331***	0.320***	0.330**	
Land-labor fatto (log)	(0.028)	(0.029)	(0.041)	(0.079)	Increasing returns to capital deepenin
R×capital-labor (log)	0.031***	0.031***	0.022**	0.045***	
Kxcapital-labor (log)	(0.008)	(0.008)	(0.011)	(0.019)	
Dada d Jahan (Jaa)	-0.042***	-0.042***	-0.043***	-0.079**	
R×land-labor (log)	(0.007)	(0.007)	(0.010)	(0.022)	
- 14 x	-	-0.016	0.002	0.135**	Decreasing returns to land consolidation
Self-fiscal (log)	-	(0.017)	(0.028)	(0.052)	boordabing rotante to tana conconductor
(DB (1)	-	0.057	-0.048	0.105***	
GDP (log)	-	(0.074)	(0.123)	(0.045)	
Delin fell (In a)	-	-0.009	-0.008	-0.034	
Rainfall (log)	-	(0.015)	(0.025)	(0.045)	
<b>A</b>	4.285***	3.698***	4.914***	3.588***	
Constant	(0.042)	(0.862)	(1.435)	(0.712)	
County fixed effect	Y	Y	Y	Y	
Year fixed effect	Y	Y	Y	Y	
R-squared	0.78	0.78	0.77		
Difference-in-Hansen test	-	-	-	0.000	
Number of instruments	-	-	-	282	
Observations	35160	35160	15384	14102	

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000		00	00

#### Estimated impact of the PSBC reform for "negative weights": TWFE vs. Gardner

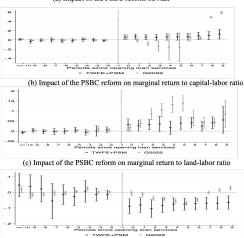
Panel A.	R×age	Std. err	t/z	Num. of Obs.
TWFE	0.071	0.019	3.81	
G2021	-0.002	0.031	-0.06	
Panel B.	R×age×capital-labor	Std. err	t/z	
TWFE	0.031	0.008	4.17	35160
G2021	0.017	0.008	2.22	
Panel C.	R×age×land-labor	Std. err	t/z	
TWFE	-0.042	0.007	-5.95	
G2021	-0.026	0.013	-1.95	

Note: TWFE refers to the traditional two-way fixed effect approach. G2021 estimator is developed by Gardner (2022). Both control the factors that may affect agricultural TFP.

# Introduction Background Model and Method Data Source Empirical Results Conclusions References 000000 00000 00000 000 00

#### Empirical Results: Impact of PSBC reforms on ALP

Event analysis of PSBC reform impact



(a) Impact of the PSBC reform on ALP

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000	000000000000000000000000000000000000	00	00
Empiri	cal Resu	ılts				

- Preliminary Tests
- Impact of PSBC reforms on agricultural productivity
- Regression forestry approach: Marginal Impact Analysis
- Robustness checks

 Introduction
 Background
 Model and Method
 Data Source
 Empirical Results
 Conclusions
 References

 00000
 00000
 0000
 000
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00

# **Empirical Results: GRF for marginal impact analysis**

Generalized Random Forest (GRF) method proposed by Athey et al. (2019) is a non-parametric estimation method designed to assess the heterogeneity of treatment effects.

We use GRF to analyze and compare the marginal impact of the reform by quantiles.

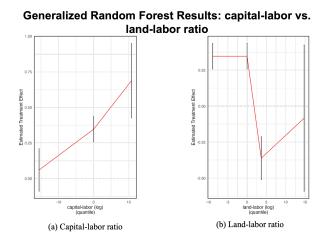
- Physical capital-labor ratio
- Land-labor ratio

Following the goal of the tree-like structure of the grouping set, we maximize the heterogeneity of target parameters.

$$max[\Delta(C_1, C_2) : n_{C_1}, n_{C_2}/n_P^2(\hat{\theta}_{C_1}(J) - \hat{\theta}_{C_2}(J))^2]$$

Referring to the interpretations in Carter et al. (2019), we can quantify the impact patterns of heterogeneity across capital-labor and land-labor dimensions.

# **Empirical Results: GRF for marginal impact analysis**



Empirical Results

Note: The black line show the 95% confidence interval and the red point represents the estimated treatment effect. For the figure (a), the black lines represent the effect holding the capital-land labor at 0%, 25% (50%, 75%), and 100% quantile respectively. For the figure (b), the black line represent the effect holding the land-labor ratio at 0%, 25% (50%), 75% and 100% quantile respectively.

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References			
000000	00000	00000	000		00	00			
Empirical Results									

- Preliminary Tests
- Impact of PSBC reforms on agricultural productivity
- Regression forestry approach: Marginal Impact Analysis
- Robustness checks

# **Empirical Results: Robustness Checks**

Using other two measurement of PSBC reforms:

- The dummy variables for whether the branch in the county is authorized the loan business.
- The dummy variables for the openness of new branches before the reform.

Avoiding the correlation between physical capital-labor ratio and land -labor ratio.

- The correlation is 0.67.
- Construct the ratio between land and physical capital to replace the land-labor ratio.

Restrict the sample to only include the bread-ban counties and the counties categorized into the poverty counties.

Others will be done:

- The counterfactual exercise (e.g., 2003 land reform).
- Restrict sample to counties with more arable land, rural population, etc.

 Introduction
 Background
 Model and Method
 Data Source
 Empirical Results
 Conclusions
 Reference

 000000
 00000
 000
 000
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 00
 0
 00
 0
 0</td

# **Empirical Results: Robustness Checks**

	Open a new branch		Authorize	horize loan business Loan busin measure		ess with continuous	poverty county	Bread-ban county
	TWFE	TWFE+PSM	TWFE	TWFE+PSM	TWFE	TWFE+PSM	TWFE+PSM	TWFE+PSM
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
R	-0.082	-0.089	0.201***	0.182**	0.071***	0.080***	0.072*	0.062*
ĸ	(0.074)	(0.075)	(0.053)	(0.090)	(0.019)	(0.028)	(0.039)	(0.035)
a 5111 - 2 4 5	0.089***	0.092***	0.045***	0.044**	0.048***	0.044**	0.047*	0.046**
Capital-labor ratio (log)	(0.017)	(0.017)	(0.012)	(0.019)	(0.012)	(0.019)	(0.027)	(0.022)
Land-labor ratio (log)	0.234***	0.234***	0.329***	0.325***	0.331***	0.320***	0.322***	0.296***
	(0.038)	(0.038)	(0.028)	(0.040)	(0.029)	(0.041)	(0.057)	(0.050)
R×capital-labor (log)	-0.044**	-0.046**	0.095***	0.058*	0.032***	0.023*	0.013	0.012
	(0.018)	(0.018)	(0.022)	(0.033)	(0.009)	(0.013)	(0.013)	(0.017)
Dyland Jahan (Jaa)	0.024	0.027	-0.109***	-0.115***	-0.042***	-0.043***	-0.045***	-0.035***
R×land-labor (log)	(0.037)	(0.037)	(0.019)	(0.030)	(0.007)	(0.010)	(0.016)	(0.012)
Constant	2.326***	2.345***	3.703***	4.919***	3.698***	4.914***	4.097***	2.756***
Constant	(0.822)	(0.825)	(0.861)	(1.441)	(0.862)	(1.435)	(0.868)	(0.679)
Controls	Y	Y	Y	Y	Y	Y	Y	Y
County fixed effect	Y	Y	Y	Y	Y	Y	Y	Y
Year fixed effect	Y	Y	Y	Y	Y	Y	Y	Y
R-squared	0.64	0.64	0.78	0.77	0.78	0.77	0.76	0.82
Observations	20510	20216	35160	15384	35160	15384	6480	5520

#### **Robustness Check Results**



#### 2 Background

- 3 Model and Method
- 4 Data Source
- **5** Empirical Results



Introduction 000000	Background 00000	Model and Method	nod Data Source Empirical Results		Conclusions O	References 00
Conclu	isions					

Our study shows that the PSBC reform has generated a positive direct impact on agricultural labor productivity through improving agricultural technology progress.

• A 1% increase in the PSBC reform is likely to generate around 11.6% increase in agricultural productivity, along with 2.7% in capital accumulation.

The PSBC reform is more likely to improve agricultural labor productivity through affecting the marginal returns to capital deepening, compared to improving technology progress .

• The PSBC reform is likely to increase agricultural labor productivity by strengthening the role of physical capital deepening but not through intensifying land consolidation.

The findings underscore the positive role of financial institutions, particularly the impact of their loan services, in fostering agricultural labor productivity through the promotion of local investments.

Introduction	Background	Model and Method	Data Source	Empirical Results	Conclusions	References
000000	00000	00000	000	000000000000000000000000000000000000	OO	●O

# Questions and Comments