Manuel ADePT Protection Sociale-- Version 1

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ADePT SP

- ADePT SP est un sous-programme de Stata créé comme un module d'ADePT.
- Grâce à un ensemble cohérent de méthodes et d'hypothèses, ADePT SP produit jusqu'a 24 tableaux normalisées et 3 graphiques pour examiner si les programmes de protection sociales sont équitables, efficients et efficaces.
- ADePT SP founit des indicateurs sur les allocations ou sur les bénéficiaires à travers les quintiles et déciles de bien être monétaire ou non monétaire; et decomposes selon des groupes de population.

LA QUALITE DES RESULTATS DEPEND DE LA QUALITE ET DE LA MANUPILATION DE DONNEES DATA

GARBAGE IN – GARBAGE OUT

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2

Fichier de données des individus

Household Identification	Individual Identification	STRATA	PSU	Urban location =1; Rural location=2	Household expansion factor	Household Size	Adult equivalent scale	Head of the household	Age of the household member	Total household income	Poverty line	Amount received from old age pensions	Participation in scholarship programs	Amount received by the household from Oportunidades	Amount received by the household from Pro-Campo
id_hh	id_ind	strata	psu	urban	hhweight	hhsize	adul_eq	head	age	hh_income	pob_ing	apos	becas_	toport	tprocam
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20060150282	3	1	2	2	305	3	2	0	1	2459.34	938.61		0	180.49	
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20060150280	2	1	2	2	305	7	6	0	53	9094.69	938.61		0		334.24
20060150280	3	1	2	2	305	7	6	0	29	9094.69	938.61		0		334.24
20060150280	4	1	2	2	305	7	6	0	26	9094.69	938.61		0		334.24
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20060150030	2	1	1	1	777	4	3	0	51	18183.37	938.61		0		
20060150030	3	1	1	1	777	4	3	0	43	18183.37	938.61		0		
20060150030	4	1	1	1	777	4	3	0	9	18183.37	938.61		0		
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20060140410	6	1	7	1	638	10	6	0	10	10730.62	938.61		0	514.18	
20060140410	7	1	7	1	638	10	6	0	9	10730.62	938.61		0	514.18	
20060140410	8	1	7	1	638	10	6	0	4	10730.62	938.61		0	514.18	

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Fichier de données des ménages

Household Identification	Individual Identification	STRATA	PSU	Urban location =1; Rural location=2	Household expansion factor	Household Size	Adult equivalent scale	Head of the household	Age of the household member	Total household income	Poverty line	Amount received from old age pensions	Participation in scholarship programs	Amount received by the household from Oportunidades	Amount received by the household from Pro-Campo
id_hh	id_ind	strata	psu	urban	hhweight	hhsize	adul_eq	head	age	hh_income	pob_ing	apos	becas_	toport	tprocam
20060150282	1	1	2	2	305	3	2	1	18	2459.34	938.61		0	180.49	
20060150280	1	1	2	2	305	7	6	1	56	9094.69	938.61		1		334.24
20060150030	1	1	1	1	777	4	3	1	77	18183.37	938.61	1403.81	0		
20060150040	1	1	1	1	777	1	1	1	92	4458.78	938.61	1604.35	0		
20060150050	1	1	1	1	777	2	2	1	83	6397.05	938.61	1640.45	0		
20060150060	1	1	1	1	859	5	2	1	41	12988.27	938.61		0		
20060140410	1	1	7	1	638	10	6	1	56	10730.62	938.61	1411.48	0	514.18	

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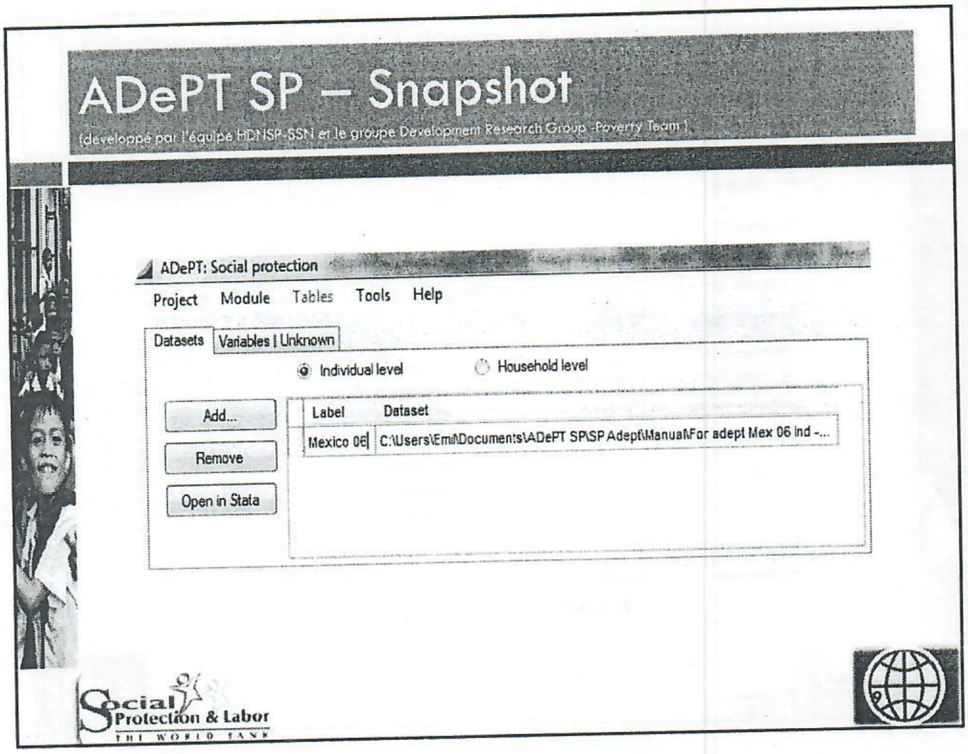
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(développé par l'équipe HDNSP-SSN et le groupe Development Research Group -Poverty Team)
ADePT: Social protection
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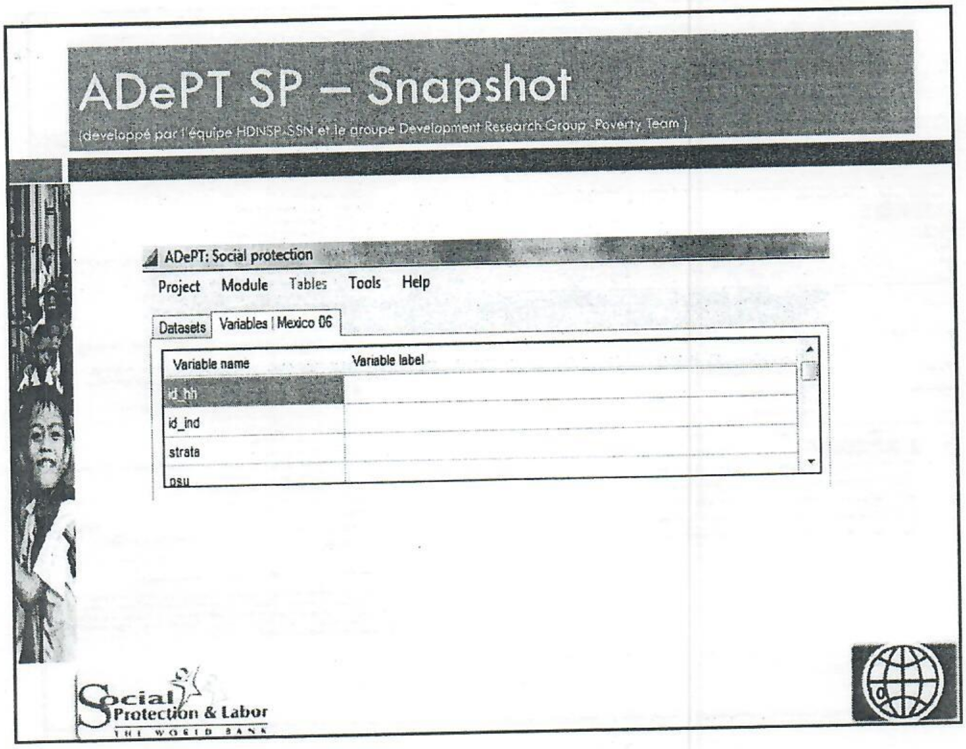
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(développé par l'équipe HDNSP-SSN et le groupe Development Research Group -Poverty Team)
ADePT: Social protection
Project Module Tables Tools Help
Datasets
Variables | Mexico 06
Variable name
Variable label
id_hh
id_ind
strata
psu
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ADePT SP – Snapshot

(développé par l'équipe HDNSP-SSN et le groupe Development Research Group -Poverty Team)

Main | Programs

Type* IND : Social assistance

Variable* procampo

Label Pro-Campo

Type	Variable	Label
IND : Social insur...	apos	Old Age
IND : Social insur...	inden_trab	Occupational Injury/sick benefits
IND : Social assis...	becas_	Fee waivers and scholarship
IND : Remittances	remm	Remmitances
HHD : Social assi...	tprocam	Cash or near cash transfer
HHD : Social assi...	topot	Conditional Cash Transfer

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3

Que vont nous dire les tables d'ADePT SP?

- Ense concentrant sur quelques tables
  - Table 1: Echantillon et taille de la population
  - Table 5: Couverture
  - Table 7: Répartition des prestations
  - Table 9: Générosité
  - Table 10: Sous-couverture et perte/fuite (undercoverage and leakage)
  - Table 11: Impacts du programme sur la Pauvreté et l'inégalité
  - Table 19 : Rapport coût-bénéfice

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4

Table 7: Répartition des prestations (précision du ciblage)

17

Table 7: Distribution of Benefits (Targeting Accuracy)

	Total	Quintiles of pc consumption					Poverty Status		Area of Residence	
		Q1	Q2	Q3	Q4	Q5	P	NP	Urban	Rural
All social protection	100.0	7.5	7.4	8.5	16.6	60.0	7.1	92.9	82.1	17.9
All social insurance	100.0	1.1	3.7	7.1	18.2	69.8	0.9	99.1	91.6	8.4
Old Age Pension	100.0	1.1	3.7	7.1	18.2	69.8	0.9	99.1	91.6	8.4
Occupational injury / Sickness benefits	100.0	0.0	17.4	14.4	58.0	10.1	0.0	100.0	57.9	42.1
All labor market programs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
All social assistance	100.0	33.0	21.9	13.8	10.1	21.2	31.4	68.6	44.2	55.8
Fee waivers, education	100.0	7.7	7.0	10.2	12.1	63.1	7.0	93.0	86.2	13.8
Conditional Cash Transfers	100.0	47.6	29.9	13.4	6.6	2.5	45.6	54.4	36.9	63.1
Non contributory pension	100.0	16.8	13.6	16.5	16.6	36.5	15.6	84.4	35.7	64.3
All remittances	100.0	6.5	11.2	16.9	21.2	44.2	5.9	94.1	70.8	29.2
Remittances	100.0	6.5	11.2	16.9	21.2	44.2	5.9	94.1	70.8	29.2

Notes:

Benefits' incidence is the transfer amount received by the group as a percent of total transfers received by the population

Specifically, benefits' incidence is: (Sum of all transfers received by all individuals in the group)/(Sum of all transfers received by all individuals in the population).

Aggregated transfer amounts are estimated using household size-weighted expansion factors.

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Table 7: Répartition des prestations avec erreurs standardisees

18

Table 7: Distribution of Benefits (Targeting Accuracy)

	Quintiles of pc consumption				
	Q1	Q2	Q3	Q4	Q5
Conditional Cash Transfer	47.6	29.9	13.4	6.6	2.5
standard error	*0.8*	*0.7*	*0.6*	*0.5*	*0.5*
Confidence interval					
Upper	45.9	28.5	12.3	5.5	1.4
Lower	49.2	31.4	14.6	7.6	3.6

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Table 9 : Générosité - *Bénéficiaires directs et indirects*

21

Table 9 : Generosity
Direct and indirect beneficiaries

	Total	Quintiles of pc consumption: Q1	Q2	Q3	Q4	Q5	Poverty Status: P	NP	Area of Residence: Urban	Rural
All social protection	18.8	15.5	11.9	12.6	18.7	22.7	15.7	19.1	20.6	13.5
All social insurance	26.4	33.8	27.0	24.3	26.0	26.6	34.5	26.4	26.4	26.7
Old Age Pension	26.5	33.8	27.4	24.5	25.9	26.7	34.5	26.4	26.5	26.7
Occupational injury / Sickness benefits	6.6	n.a.	7.0	3.7	15.1	2.1	n.a.	6.6	4.2	30.6
All labor market programs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
All social assistance	8.3	14.1	8.3	5.9	5.6	7.2	14.5	6.9	6.9	9.8
Fee waivers, education	4.8	7.3	3.0	3.4	2.8	6.2	8.0	4.7	5.0	4.1
Conditional Cash Transfers	7.8	13.0	7.7	5.1	4.3	2.3	13.2	5.3	7.0	8.4
Non contributory pension	8.9	10.1	9.8	7.9	10.1	8.1	10.2	8.7	7.4	10.0
All remittances	20.7	26.9	24.0	23.3	19.6	19.1	27.2	20.4	18.7	28.2
Remittances	20.7	26.9	24.0	23.3	19.6	19.1	27.2	20.4	18.7	28.2

Notes:
Generosity is the mean value of the share transfer amount received by all beneficiaries in a group as a share of total welfare aggregate of the beneficiaries in that group.
Generosity is calculated setting as expansion factor the household expansion factor multiplied by the household size.
Generosity expressed in LCU.

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Table 10 : Sous couverture et Perte

22

Table 10 : Undercoverage and Leakage
Direct and indirect beneficiaries

	Coverage of the poor (1)	Under-coverage (2)	Leakage (# of beneficiaries) (3)	Leakage (benefits) (4)	Targeting differential (5) = (1) - (3)
All social protection	55.6	44.4	67.0	92.9	-11.3
All social insurance	2.1	97.9	95.9	99.1	-93.8
Old Age Pension	2.1	97.9	95.9	99.1	-93.8
Occupational injury / Sickness benefits	0.0	100.0	100.0	100.0	-100.0
All labor market programs	n.a.	n.a.	n.a.	n.a.	n.a.
All social assistance	54.4	45.6	55.7	68.6	-1.3
Fee waivers, education	3.2	96.8	81.7	93.0	-78.5
Conditional Cash Transfers	50.0	50.0	48.6	54.4	1.5
Non contributory pension	10.7	89.3	56.1	84.4	-45.5
All remittances	21.6	78.4	80.8	94.1	-59.2
Remittances	21.6	78.4	80.8	94.1	-59.2

Notes:
Undercoverage is percent of poor individuals that do not receive transfer.
Leakage is percent of individuals that receive transfer and are not poor.
Sample of all htaouseholds. Undercoverage and leakage are calculated across this sample, setting as expansion factor the household expansion factor multiplied by the household size.
The targeting differential is the difference between the coverage rate and the participation rate for nonpoor.

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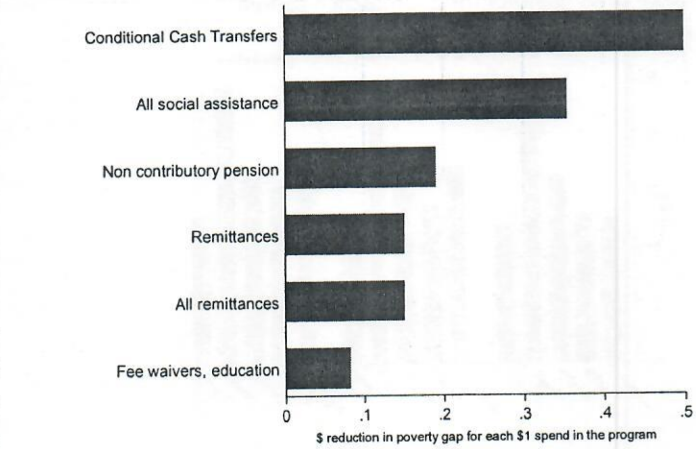
Figure 3: Rapport coût-bénéfice sur la profondeur de la pauvreté

25



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Prochaines étapes sur le manuel et à l'ordre du jour

26

- Ajouter des sections:
  - Comment faire pour effectuer une analyse de sensibilité?
  - Comment simuler de nouveaux programmes, ou des changements de paramètres dans les programmes existants?
- Retroalimentation
- L'équipe envisage de développer un matériel de formation à la fois en ligne et sur le site sur la façon d'utiliser ADePT SP: cours magistral, exercice interactif, formation face-à-face, enseignement à distance

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Prochaines étapes sur le manuel et à l'ordre du jour

- Profil du bénéficiaire typique de chaque programme, par rapport au "ménage type" dans le pays
- Intégrer une fonctionnalité de simulation pour simuler un nouveau programme, ou simuler un changement de quelques paramètres du programme existant.
- Créer plus de graphiques
  - Basés sur les sorties de tableaux actuels
  - Basés sur l'analyse de sensibilité (différents contrefactuels)

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