



# Participation, Public Policies, Perceptions & Post-2015 MDGs

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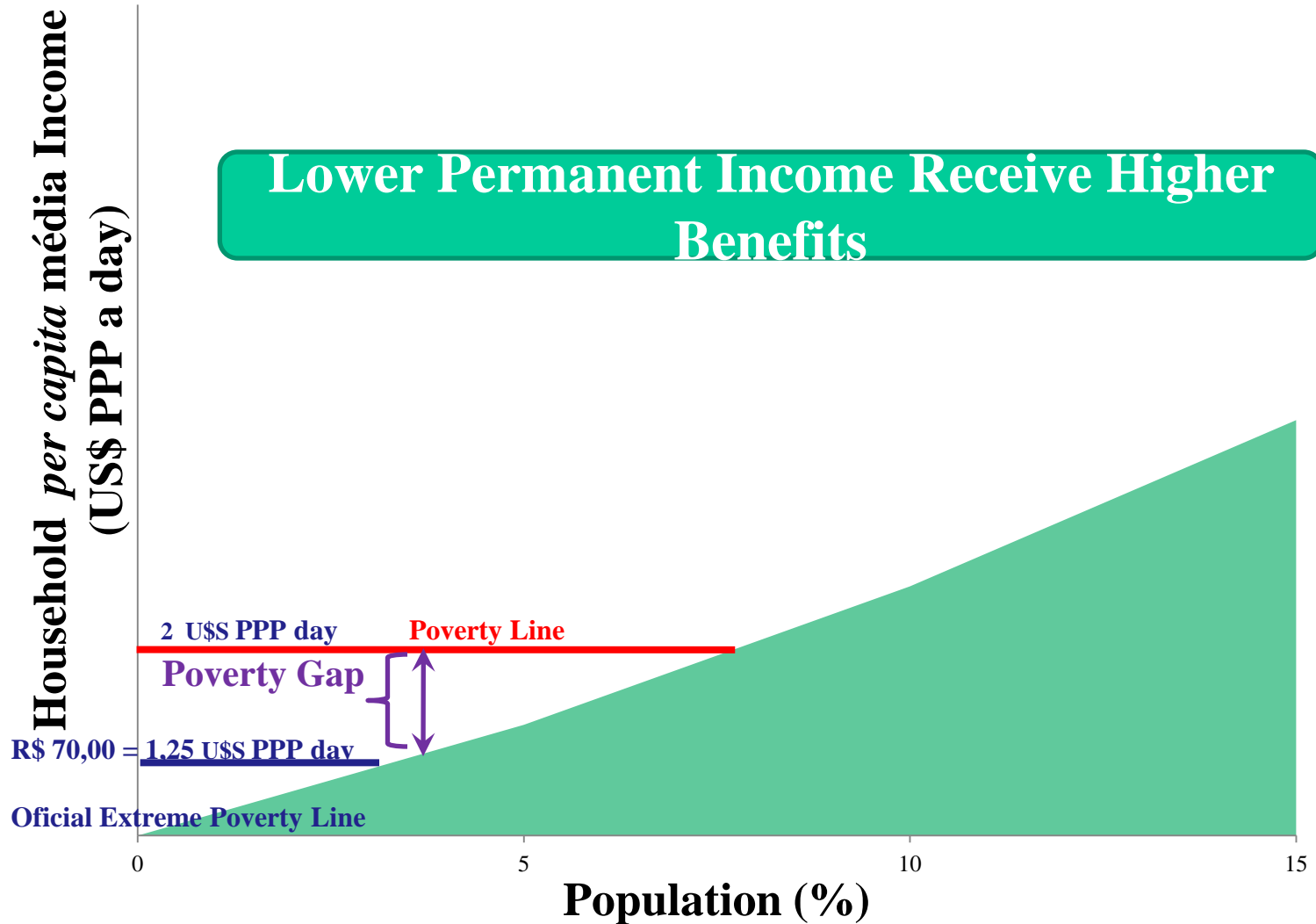
## OBJECTIVES

***DISCUSS MDGs USES IN PUBLIC POLICIES  
& POPULATION PARTICIPATION***

***CONSTRUCT PERCEPTION INDEXES  
FOR MDGs (158 Countries)***

***CORRELATION BETWEEN OBJECTIVE &  
SUBJECTIVE INDEXES***

# MDGs, CONDITIONAL CASH TRANSFERS, & A NEW SOCIAL FEDERALISM



# The Four Qualities of Life

	Outer Quality	Inner Quality
<b>Life Chances</b>	Livability of environment	Life-ability of person
<b>Life Results</b>	Utility of life	<b>Satisfaction with life</b>

Source: Veehoven (2000)

# Mixing all Ingredients - Principal Components

	HEALTH INN	INCOME DEPRIV INN	INCOME / WORK OUT	WORK INN	HEALTH INN	HEALTH/ EDUC ACCESS OUT	HEALTH/E DUC Satisfac TION OUT	INCOME DEPR /WORK POLICY Satisfac TION OUT	HEALTH/W ORK OUT
	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7	Factor8	Factor9
Feelings about your household s income - Living comfortably or Getting by on present income	24	-48 *	29	15	-4	5	2	-3	5
Do you believe the current economic conditions in (response in Sa) are good or not	-2	-2	70 *	-2	5	18	2	22	12
Right now do you think that economic conditions in (response in Sa)as a whole are getting better or the same ?	-2	-2	76 *	-2	6	7	2	14	8
Are you satisfied or dissatisfied with efforts to deal with the poor?	0	0	14	0	-2	20	14	83 *	-6
Right now do you feel your standard of living is getting better or the same?	24	-22	52 *	8	-3	-9	9	0	-8
Have there been times in the past twelve months when you did not have enough money to provide adequate shelter or housing for you and your family?	3	72 *	4	2	-6	-2	-3	1	9
Have there been times in the past twelve months when you or your family have gone hungry?	-10	72 *	-8	-3	-6	6	-1	-2	-11
Have there been times in the past twelve months when you did not have enough money to buy food that you or your family needed?	-10	82 *	-11	-3	-1	2	0	-1	-3
MOBILITY (have no problems walking around)	36	-3	3	5	70 *	-3	0	-2	-4
SELF CARE (have no problems with self-care)	10	-4	0	1	80 *	0	0	-2	2
USUAL ACTIVITIES (have no problems with performing my us - work study housework family or leisure activities)	37	-4	1	5	73 *	-2	2	1	-3
PAIN/DISCOMFORT(have no pain or discomfort)	68 *	-5	5	1	28	4	2	-8	-7
ANXIETY/DEPRESSION(not anxious or depressed)	52 *	-10	6	-2	12	19	1	-14	-13
how good or bad your own health is TODAY	72 *	-13	6	3	10	7	3	2	10
Are you satisfied with your personal health	72 *	-1	9	6	4	-5	7	9	1

# Mixing all Ingredients - Principal Components

(cont)

	HEALTH INN	INCOME DEPRIV INN	INCOME / WORK OUT	WORK INN	HEALTH INN	HEALTH/ EDUC ACCESS OUT	HEALTH/E DUC SATISFAC TION OUT	INCOME DEPR /WORK POLICY SATISFAC TION OUT	HEALTH/W ORK OUT
	Factor1	Factor2	Factor3	Factor4	Factor5	Factor6	Factor7	Factor8	Factor9
In your city or area where you live are you satisfied or dissatisfied with the availability of quality health care	5	-5	12	-1	0	11	79 *	5	10
Are healthcare services in this country accessible to any person who needs them regardless of their economic situation or not	4	0	8	0	-1	69 *	24	5	15
Not have health problems that prevent you from doing any of the things people your age normally can do	60 *	-4	-1	7	22	-8	-2	8	5
If you had to go to a hospital because of an accident or illness who would take care of the cost of your assistance? Public or Private	-4	-10	17	7	2	20	5	-6	75 *
Do you have confidence in each of the following or not? How about health care or medical systems?	1	-1	9	-2	0	19	68 *	15	8
are you satisfied with the educational system or the schools	4	0	2	2	1	12	69 *	7	-17
Is education in this country accessible to anybody who wants to study regardless of their economic situation or not?	9	-1	5	1	-5	78 *	6	11	0
Do most children in this country have the opportunity to learn and grow every day	-2	5	10	1	1	58 *	19	22	-13
Are you satisfied with your job or the work you do	8	-7	8	95 *	4	1	0	1	3
In your work do you have an opportunity to do what you do best every day?	6	-4	5	96 *	5	1	-1	1	2
Can people in this country get ahead by working hard or not?	-5	-5	31	2	7	30	6	1	-57 *
Thinking about the job situation in the city or area where you live today would you say that it is now a good time or a bad time to find a job?	12	-8	52 *	10	-5	6	15	1	-13
Are you satisfied or dissatisfied with efforts to increase the number and quality of jobs?	2	-1	18	3	-2	15	14	82 *	-1

# Splitting - Income – Principal Components

	Rotated Factor Pattern	
	Factor1 Income_ Dep_Inn	Factor2 Income _Out
Feelings about your household s income - Living comfortably or Getting by on present income	-60 *	23
Do you believe the current economic conditions in (response in Sa) are good or not	-11	75 *
Right now do you think that economic conditions in (response in Sa)as a whole are getting better or the same ?	-6	77 *
Are you satisfied or dissatisfied with efforts to deal with the poor?	11	61 *
Right now do you feel your standard of living is getting better or the same?	-34	44 *
Have there been times in the past twelve months when you did not have enough money to provide adequate shelter or housing for you and your family?	66 *	6
Have there been times in the past twelve months when you or your family have gone hungry?	73 *	-2
Have there been times in the past twelve months when you did not have enough money to buy food that you or your family needed?	83 *	-5

Printed values are multiplied by 100 and rounded to the nearest integer. Values greater than 0.4 are flagged by an \*

# Splitting - Principal Components

## Work – Principal Components

Rotated Factor Pattern	Factor1 Work_inn	Factor2 Work_Out
Are you satisfied with your job or the work you do	96 *	5
In your work do you have an opportunity to do what you do best every day?	96 *	3
Can people in this country get ahead by working hard or not?	-4	61 *
Thinking about the job situation in the city or area where you live today would you say that it is now a good time or a bad time to find a job?	13	69 *
Are you satisfied or dissatisfied with efforts to increase the number and quality of jobs?	2	72 *

Printed values are multiplied by 100 and rounded to the nearest integer. Values greater than 0.4 are flagged by an '\*'.

# Correlation between Per Capita Income and Principal Components – American Countries 2007

## PHDI Components Partial Correlation with Objective Per Capita Income

### Inner PHDI Components

	Coefficient	p-value
Income_dep_inn	-0.0005886	<.0001
Work_inn	0.0003792	<.0001
Health_inn	0.0003160	<.0001
Health_inn_permanent	0.0000630	0.0050

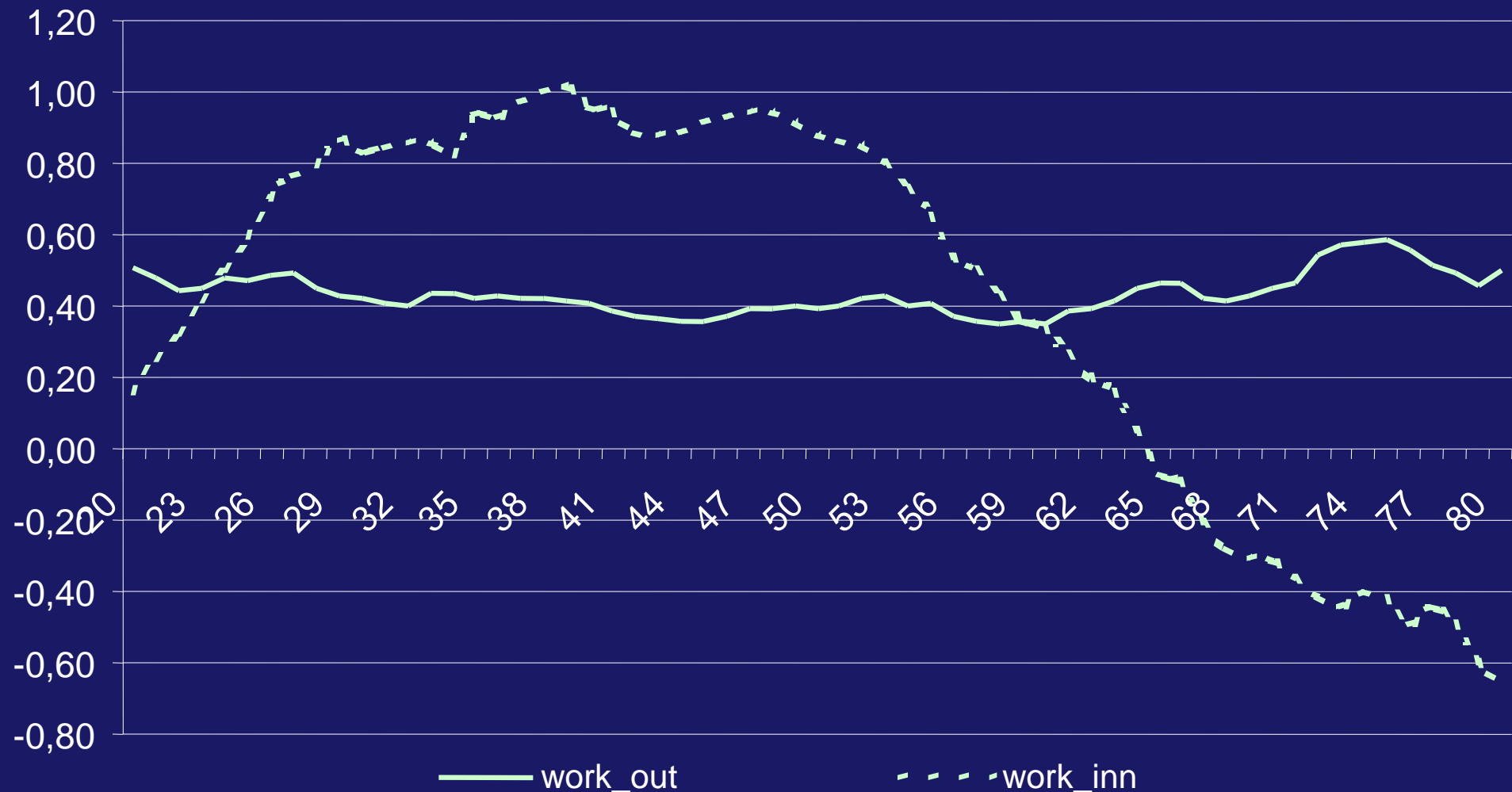
### Outer PHDI Components

	Coefficient	p-value
Income_out	0.0001083	0.0004
Work_out	0.0000548	0.1337
Health_out	-0.0000311	0.3140
Education_out		

# The Life Cycle Pattern of the Perceived Human Development Indexes Components

## Latin American Countries Standardized Principal Components and Years of Age

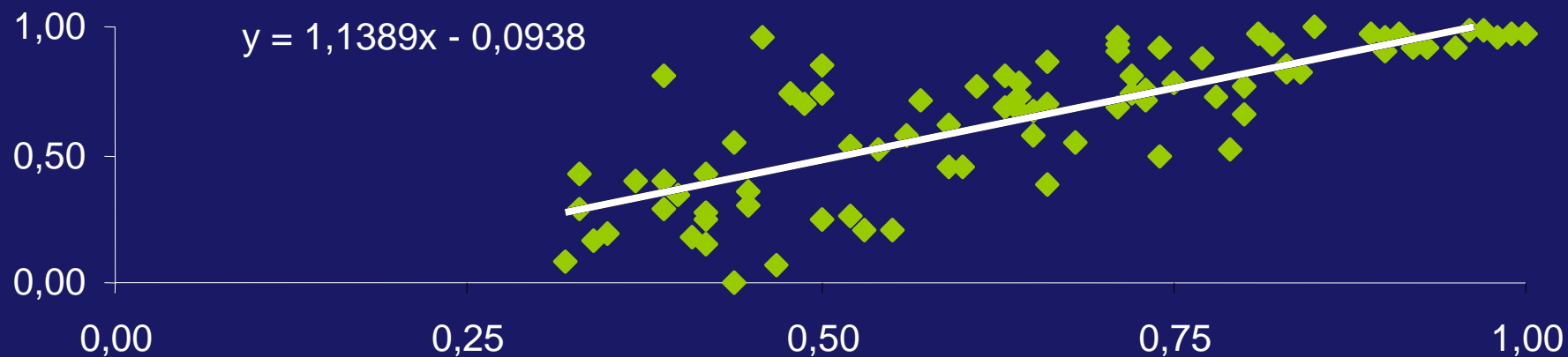
*Centered Moving Average of 5 Years*



Source: Microdata from the World Gallup Survey 2007

## Gross Correlation Between Aggregated PHDI and Respective HDI Component

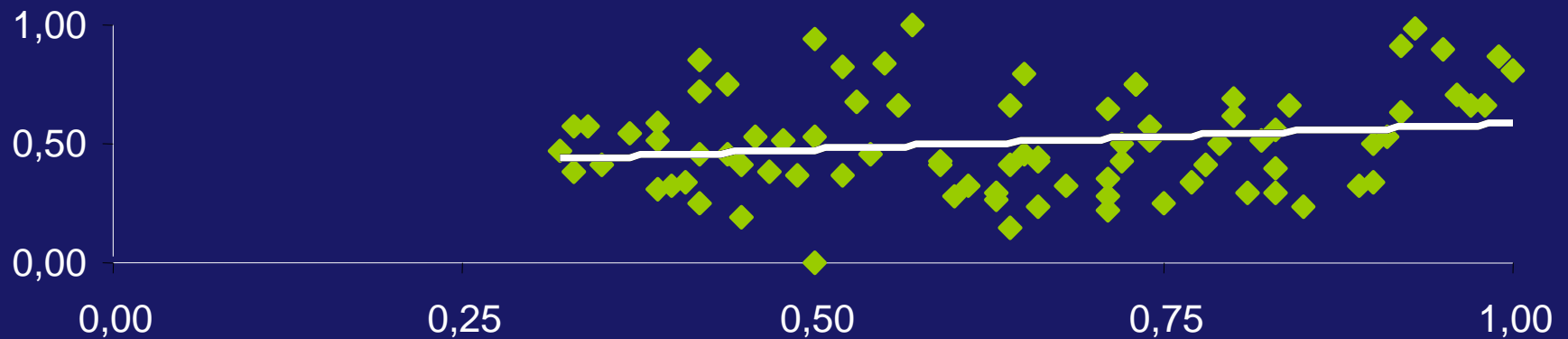
### Income\_dep\_inn (pda) x GDP id



Standard Error 0,09874755

## Gross Correlation Between Aggregated PHDI and Respective HDI Component

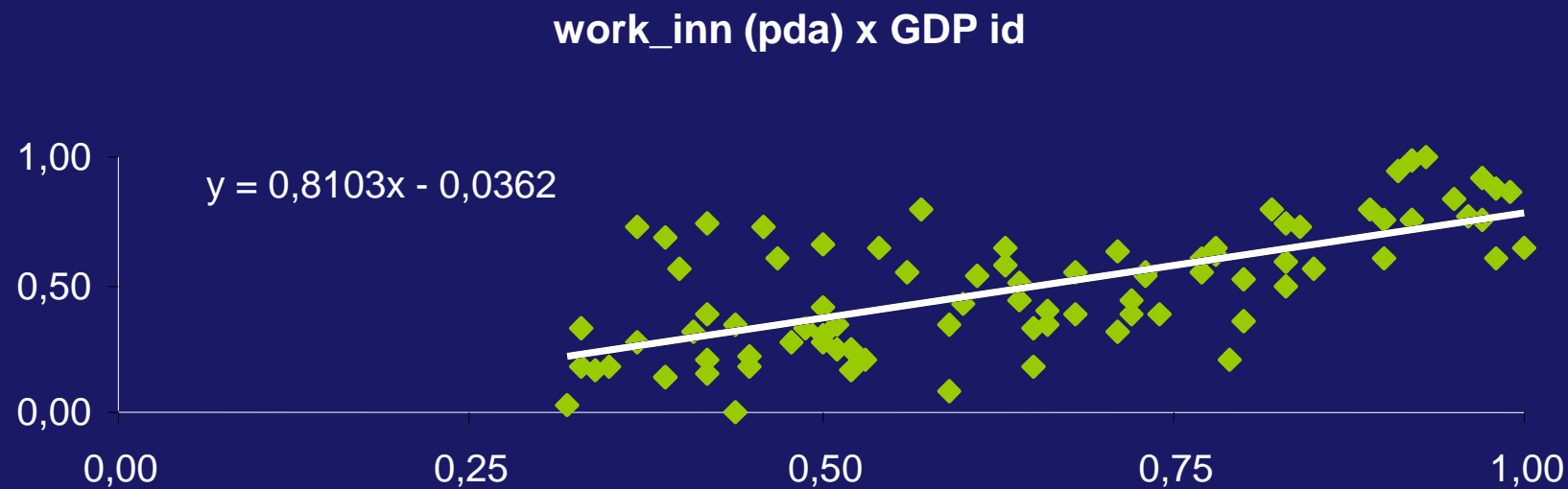
Income\_out (pda) x GDP id



$$y = 0,2192x + 0,3633$$

Standard Error 0,1203719

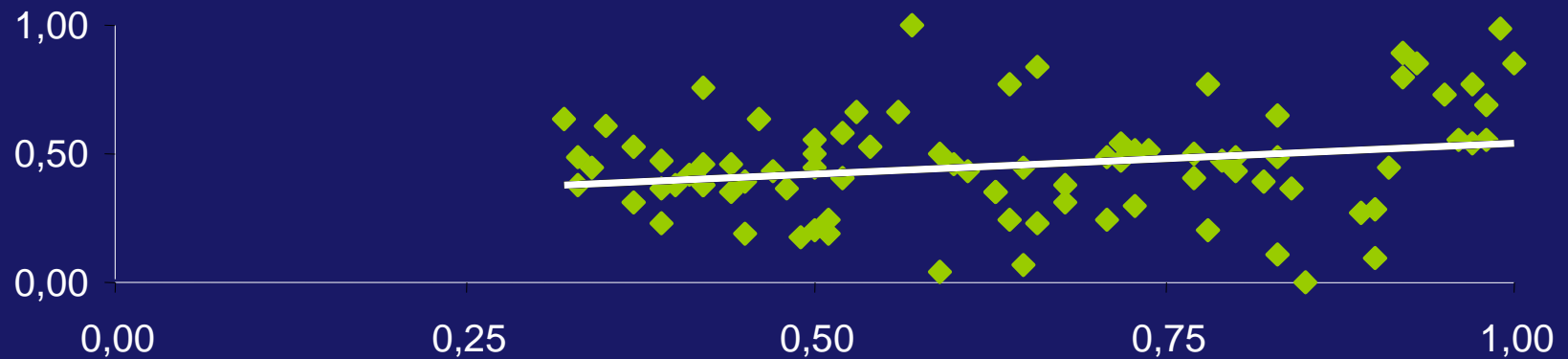
## Gross Correlation Between Aggregated PHDI and Respective HDI Component



Standard Error 0,0983352

## Gross Correlation Between Aggregated PHDI and Respective HDI Component

work\_out (pda) x GDP id



$$y = 0,2393x + 0,3038$$

Standard Error 0,1134492

# Correlation Between Disaggregated PHDI PCA and Respective HDI Component

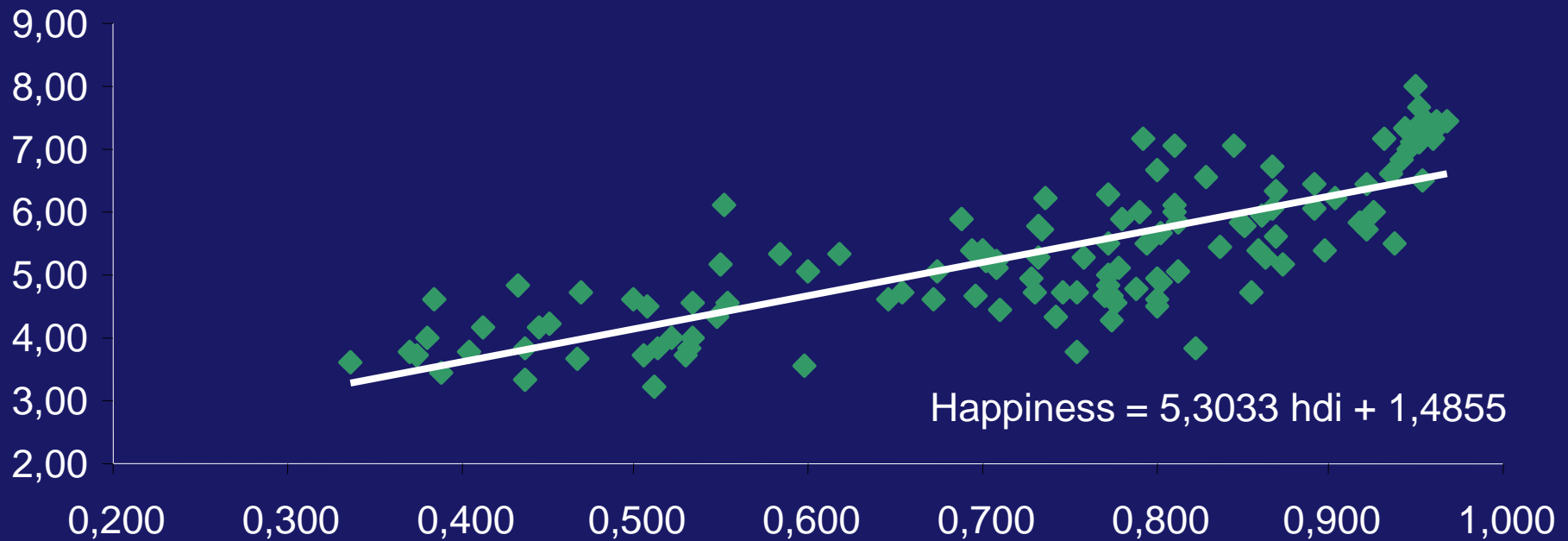
	INCOME DEP INN	INCOME OUT	WORK INN	WORK OUT
	<b>-2,1215</b>	<b>0,4959</b>	<b>0,9885</b>	<b>0,4454</b>
CTE	0,0212	0,024	0,0224	0,0234
CTE + HDI COMPONENTS	<b>-1,0093</b>	<b>1,3433</b>	<b>0,7912</b>	<b>1,0933</b>
	0,0413	0,0447	0,0394	0,0398
CTE + HDI COMPONENT + SOCIO- DEMOGRAFICS*	<b>-0,9051</b>	<b>2,1301</b>	<b>1,1801</b>	<b>1,3348</b>
	0,0559	0,0651	0,0565	0,0602

	HEALTH INN	HEALTH OUT	EDUCATIONOUT
	<b>0,3779</b>	<b>0,9461</b>	<b>0,9245</b>
CTE	0,0235	0,0225	0,0194
CTE + HDI COMPONENTS	<b>0,4378</b>	<b>0,3862</b>	<b>0,0876</b>
	0,0414	0,039	0,0337
CTE + HDI COMPONENT + SOCIO- DEMOGRAFICS*	<b>1,9013</b>	<b>2,7852</b>	<b>-0,6411</b>
	0,092	0,0891	0,0493

\* Obs: regressions include dummies for presence of children, for elderly, gender, position in the household and hdi components

Source: Microdata from the Gallup World Poll 2006 and Human Development Report

## Happiness & HDI



[http://www.fgv.br/cps/bd/ncm2014/IndiceFelicidade\\_eng/index.htm](http://www.fgv.br/cps/bd/ncm2014/IndiceFelicidade_eng/index.htm)

Source: Microdata from the World Gallup Survey 2006 and Human Development Report

# Life-Satisfaction & Sector-specific Weights of the HDI and

*Do you feel you personally stand at the pre*

		Parameter Estimates	
Variable	Label	Parameter Estimate	Standard Error
Intercept	Intercept	2,6338	0,0292
.....			
Past life satisfaction			
.....			
gross_ed	gross_ed	0,0224	0,0007
literacy	literacy	0,0030	0,0005
GDP_id	GDP_id	0,6643	0,0564
life_id	life_id	0,3103	0,0564
RESTRICT		3429,1786	66,2861

# Sector-specific Weights of the PHDI

*Do you feel you personally stand at the present time*

Variable	Parameter Estimates	
	Parameter Estimate	Standard Error
Intercept	4,6571	0,0103
Past life satisfaction		
pincome_dep2	0,6423	0,0108
income_out	0,1765	0,0083
health_inn	0,0892	0,0080
health_out	0,0907	0,0090
cp_education	0,0014	0,0090
RESTRICT	14402,0000	229,4644

# Present Life Satisfaction in Latin America 2007 and the PHD

Do you feel you personally stand at the present			
Present Life Satisfaction Estimates			
Parameter		Estimate	Standard Error
past life satisfaction			
has children	yes	0.1396	0.0356
has children	zno	0.0000	0.0000
AGE	65 & More	0.3298	0.0854
AGE	z15 A 64	0.0000	0.0000
income_dep_inn		0.5276	0.0181
income_out		-0.2670	0.0201
work_inn		-0.0461	0.0173
work_out		-0.1025	0.0202
health_inn		-0.3371	0.0194
health_inn_permanent		-0.0001	0.0193
health_out		-0.1024	0.0192
education_Out		-0.0045	0.0281
education_Out* has children	yes	0.0334	0.0336
education_Out* has children	zno	0.0000	0.0000
health_inn*AGE	65 & More	-0.0764	0.0598
health_inn*AGE	z15 A 64	0.0000	0.0000
work_inn*AGE	65 & More	0.1327	0.0877
work_inn*AGE	z15 A 64	0.0000	0.0000
Scale		1.0000	0.0000