Sachs\& Waknek, "Fundamental Jonkces" (1) 97

LHS varialle is Y/pop growth
Framed in terms of conventional grouth mollig (e.g. Soliw)
so hypothesize converginct (lowinitial Y/L $\rightarrow$ higher grouth)
but alo, hypothesie variation in LKSS Y/L:

- Candlocked (trade isharder) (tajenons
+ Instr'l quality

$$
?
$$

- Naturil-resource caports in GDP?
("Kesonrit curse"

1) More rentselkinj, corruption (more to steal)
2) Shifts resuruces away from sectors (e.g. mfg) with high "learning by doing "or + externalities

SACHS \& WARNEL (conti)
Demegruphies

$$
\begin{aligned}
& \text { Stardard models assunc } L=\text { Mop, so } \\
& Y / \text { Pop }=Y / L
\end{aligned}
$$

Reality $\frac{L}{P_{0} p}$ vaner
When $L / p_{0 p} \hat{\imath}, \quad Y / P_{0 p} \hat{\imath}$

$$
\begin{aligned}
& \text { "Demogriplic dividerd" } \\
& \text { "Deyerdewey } \text { : }
\end{aligned}
$$

Human-capitol accumulation
Hypothesize

$$
\begin{aligned}
& \text { Rate.f } \\
& \text { growth } \\
& \text { in } \mathrm{H} / \mathrm{L}
\end{aligned}
$$ Results

Table 2-Cross-Country Growth Regression (Dependent Variable = Growth Per Capita, 1965-1990; 83-Country Mean $=0.33$ Percent)

|  | Estimated <br> regression <br> coefficient |
| :--- | :---: |
| Independent variable | -1.5 |
| InGDP per economically active person in | $(-6.5)$ |
| 1965 | 10.9 |
| Share of years open, 1965-1990 | $(3.7)$ |
|  | -1.1 |
| GDP in 1965 times share of years open | $(-3.0)$ |
|  | 0.7 |
| Growth of economically active | $(1.9)$ |
| population - population growth | 0.11 |
| Central government budget balance, | $(5.2)$ |
| 1970-1990 | 0.32 |
| Institutional quality index (1980) | $(3.8)$ |
|  | -0.8 |
| Tropics | $(-3.0)$ |
|  | -0.6 |
| Landlocked | $(-2.3)$ |
|  | -3.9 |
| Share of natural-resource exports in | $(-4.0)$ |
| GDP, 1970 | 0.3 |
| Life expectancy | $(2.8)$ |
| Life expectancy squared | -0.0026 |
| Adjusted $R^{2}:$ | $(-2.3)$ |
| Number of countries: | 0.84 |
| Standard error: | 83 |
|  | 0.77 |

