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malarifiquotas and market access for e trade divide being bridged? **Tural products under the EU-SA**

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Old Table 1 To Mince 1



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PRESENIATION OUTLINE

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I FERAFURE REVIEW

RANE RENDS

)ATA USED AND SOURCES

ENPRION RESULTS

CONCLUSIONS

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NETRODUCTION

ueus∧чыо∧was-concluded m 999 and implemented in 2000.

This is real procal agreement which entails the following

✓ Fully liberalize approximately of your agricultural imports from SA

Some of the low months of the line of the low months of the low mo iberalize approximately 83% of agricultural imports

心As main agric Leatures are Towork skilleding deminolities

greniuren enii olioies

nes and Sollies Adjeements

rocal preferential quotas for selected agric products:

eese and curd (HS0406):

SA's offerto EU+5000 t (50% MEN reduction & 3% agf). EUSioffer to SA-a50001 (100% MFN reduction & 5% agf); and

s of fresh grapes (HS2204):

erro SA332 mill of borded wine (100 MFN reduction & 3% agf) pg0/lb/sparkling wine (at400% MFN reduction & 5% agf); and Janumill or bomed wine (100 MFN reduction & 5% agf) as parding wine (100% MFN reduction & 5% agf)

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OBJECTIVES

The overall deletive of the study is to investigate the queles or the lieure and manket access for cheese and afferds of the EUSA Tho Astree procal preferential tariff minerbetween S/Asaner≡⊌ countries.

owhait extend roomthese iquotas affect agricultural trade etween SA eand EUI compared to other historical trade Is local swer the following questions:

eterminants

Verthey significantly improved market access for South icals exports or the semproducts to the EU and/or vice g the trade-divide between the two

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Bavies (1998) found a strong potential trade diversion following EU/SA

Davies 18 18 18 18 Consistent results with those of

Tream-tenzion and Kirsten (2008) found that both SA and EU will experience weltare gains

alor anor WallinsJey (2001) found that while the TDCA may substantially nesignatories ithere are appreciable negative impacts for other specially the SA's immediate neighbours.

ompetitive among the selected suppliers, i.e. US, Chile, Turkey and 2001) Ifound that ITDCA improved SA grape exports to the EU and

die de ine small ariff sul louries noranges found that the TDCA had slight beneficial effect for SA orange

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TRADETRENDS: Estimating Growth rates & Shares

ातामा चेतिक स्थापना । जनसङ्ख्या ।	D. J.	Symmetry on themself very second sold of the second	Astronis and a second sport of the second se
denentation of BU-SA TDCA and SADC Trade Protocol	Agyleulium Agreement	werns(tomer Annuquity) lifts, sanctions against South Africa and a signed for Marrakech Agreement that established WTO	

a+B

 $Y_{i} = \varepsilon^{\alpha + \beta}$, transformed to logarithms as: $\ln Y_{i} = \alpha + \beta t$ $\beta = \text{instantaneous growth rate}$

|Compoundgrowth rate = Antilogof β minus one, i.e. $\operatorname{Exp}(\beta)$ -1

Shares:

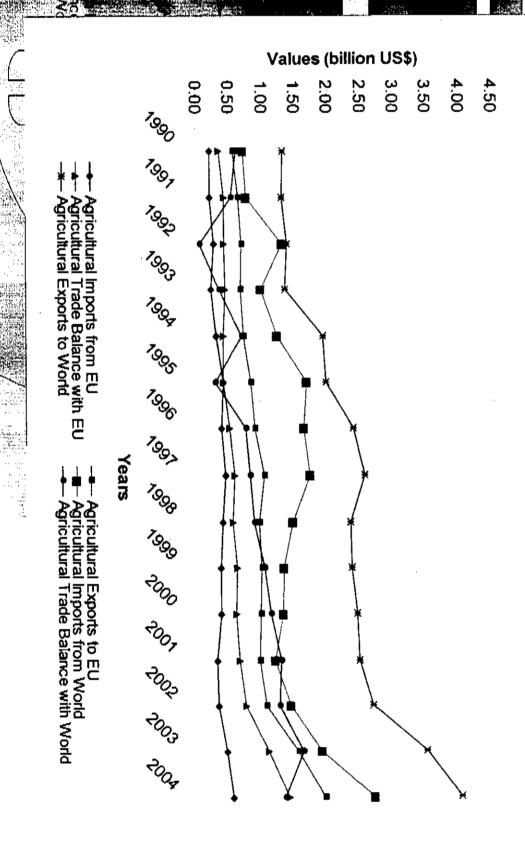
$$\Omega = \frac{\sum_{t=1}^{n} y_t}{\sum_{t=1}^{n} Y_t} * 100$$

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RADE TRENDS: Total Agric Values

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between SA, EU and the World: 1990 -2004 Figure 1: Values of total agricultural imports, exports and trade balance



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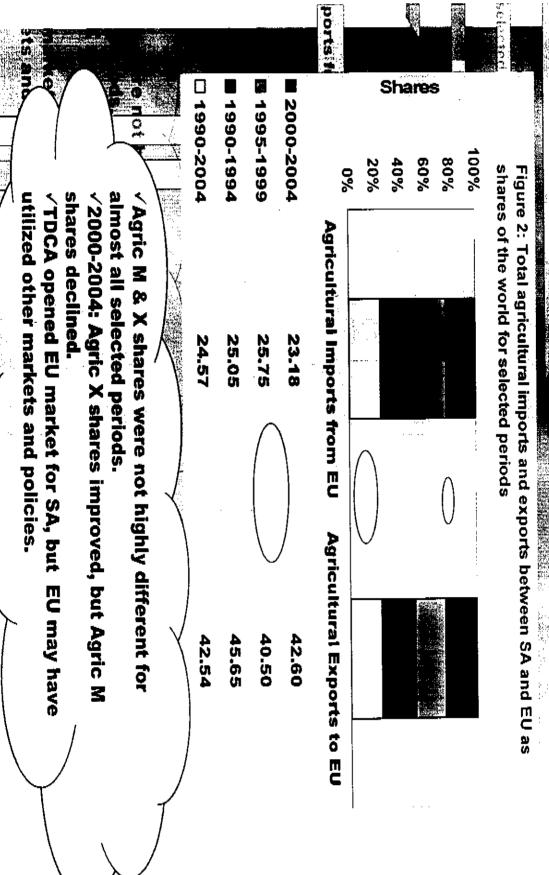
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growth rates

ne = instantaneous

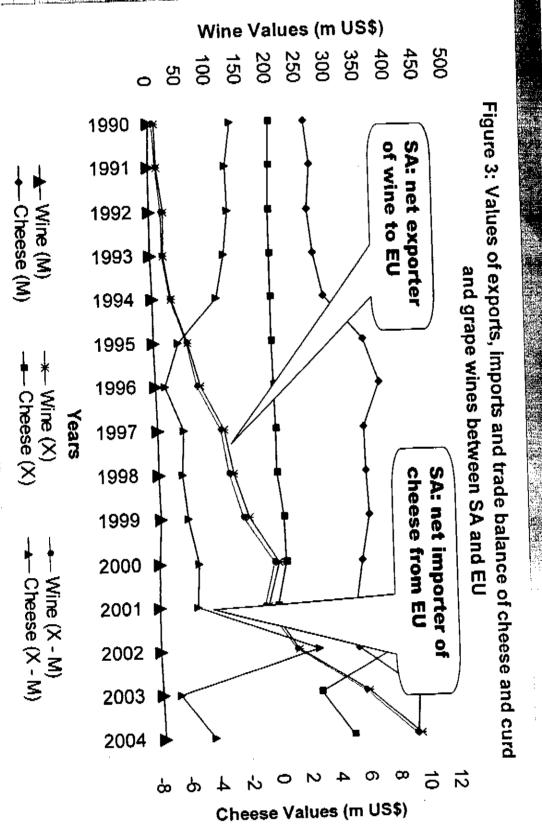
		1005 1009 8.4			
Social scremee chaar		2.550 2.550			10. (Ma)
t makes a	022 20.71 842 18.82	13.611 -5.57 18.83 -5.73	538 14.10 5.05 13.19	5.61 5.46	AgricM WLD (%)
S. C. E.	9.82 9.37	32.69 28.28	5.52 5.37	10.13 9.65	LD AgricX WLD (%)

Total Agric – shares



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s sheese & ! Vines - growth rates

instantaneous

9.37	24.03	
9.82	27.16	
28.28	25.52	
32.69	29.07	が、おいて
5.37	27.45	
5.52	31.58	
9.65	27.51	
10.13	31.66	
(%)	(%)	
WinesM	WinesX	

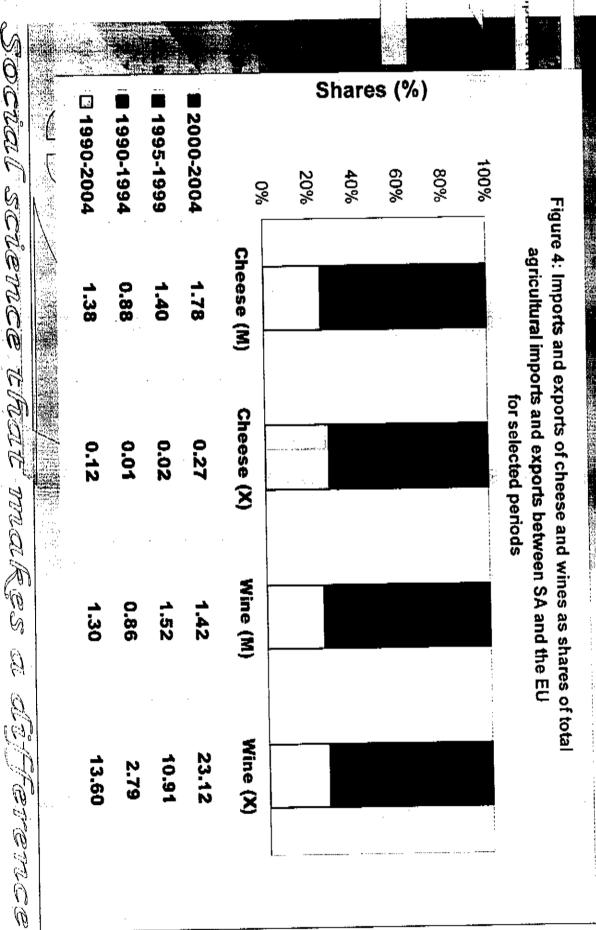
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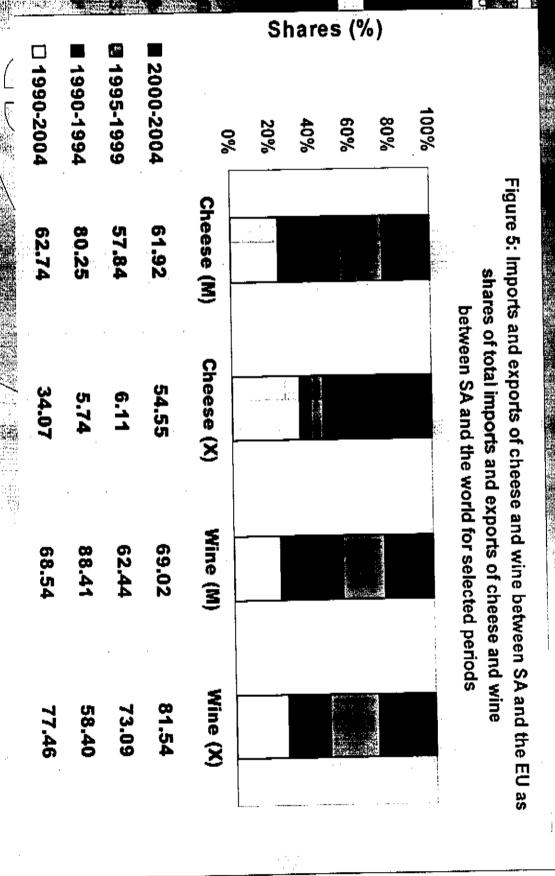
SHARESINCH

Aggregate level



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SHARES: Cheese and Wine - Disaggregate level



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s trairesearch questions that need to be addressed, the study will apply a gravity trade model because of the Given the nature of this sindy and the types of

Substantial Constants

m and thereby capture dynamic aspects of trade policy Firsuly, the gravity equations makes use of raw data without reliance on pulor estimation of various elasticities, etc.

Lastly, gravity equation singles out distance between countries as assignificant explanatory variable, which is besilable given South Africa's location relative to its main

question to be addressed and are applicable to both eravity models could be estimated using various present data. The grosses ection, time-series and pariel tara depending on the type of research

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a Signification of

populations with geographic distance., etc; to predict or oreas, rade potentials Cally Jara 1985 Such as GDP and als camps evaluous combinations of

otentials, etc acts of trade-policies, to predict or forecast equations have extensively been used in the alliterature on international trade to analyze

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HE MODEL (cont.)

in year se and wines from solution in the search well as their p-year lags; THE WAY SEE THE STATE OF THE ST Nitica) to country (the all-eases "i" denotes SA's trading GDPPの and GDPPの represent the logarithms of the real beliespita gross clomestic products for countries i իd in year trespectively. represent the logalithus of feal exports of cheese

EERIAS the real reflective rexchange rate of SA Rand to lase year 2000

re redproval preferentials fuelts, between countries I and Weal taing was interacted with GDPPC A is the change vertebile for the implementation of

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A distance between country i and serves as a proxy for

s a and β∦srepresent the coefficients associated INDENVERSION RECORDENVED IN ୍ରୀର ଟେନସନ୍ଧାପ୍ତଥା ୬ above explanatory variable, variables such as

nsiantitermator each cross section; and

e diosyncratic error term

ederc velles a ressed in constant 2000

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DYNAMUSEDIAND SOURCES

File stellar, "See secondary data or panel nature, i.e. it includes both time-

series and cross sectional diniersions reading permises lie countries, were the cross-

sectional titils

THE TREATS From 1990 to 2004

melseres eater শুহু ক্লাভিনেত্র from he following sources: νεΔειουαίε μησεικός είνε χροπες γραμενος cheese and wines at HS 4 level το στουταίτες από της της databases vot Trade and Investment Policy

shiained, from athe: World Development Indicators World Bank International Financial Statistics Database a Indicators alimination of the second Control of To European Commission

obtained from the SA Reserve Bank. ances between SA and its trading partners (i.e. city to metres) were obtained from HSRC's GIS Centre.

ssexplared for companson purposes were:

auonal Statistical Augustics and Central Banks of the countries in

nejmanonal Trake Commission (II)

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IMPIRICAL RESULTS

ADF test confirmed the stationarity of the variables, i.e.

A. In Panel Jaka Alexans Alexan ppropriate to हिन्द्र हैं। हिन्द्राहिन and the ay looking at the significance level and the predictive power of the model:

person when a second imports indexports chaese and curd as well as the ports of whes lags beyond the first one did not add to the predictive was of inemodel meaning that the second and further lags were not attributed by significant. However, in the case of wines exports, three lags ere statistically significant.

nonlo the data be popled or not?

lata agross the eross sections all ensame intercept for all cross how test procedure was used to test the poolability of the panel

li∭ nyoothesis was rejected meaning pooled OLS was appropriate due to the ordqueness of the intercept for each

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EMIPURICAL RESULTS (cont.)

Charles the ofess sections om≒lownionirealiniimiealiwalitaini⊧ ⊌inobservable heterogeneity

ethe releasement was not subsumed in the error term. as uses to restifor fixed or random effects and

Phero lime demeaning transformation, time-constant coservables and unobservables were eliminated from the

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here was no proofigitaseval correlation in the error terms the fixed or linear unobservable effects model or the malogwas more efficient than the first differencing

liefferis modell was estimated with GLS assuming

Will State of the state of the

ployanance were misses unipoder control heteroskedasticity Hie White Here usked adasticity-Consistent Standard Errors and

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EMPIRICAL RESULTS (cont.)

r=SAVS cheese impors from EU had declined by 0.01% and exports were not significant during the quota implementation

न्त्रं मिलित आठस्त्रस्था नाजिति

nd he international markets. partners, pence the lower aggregate demand of SA cheese In SA compared to some of the

strandares, see snly/ours ារ នៅស្រាវាលាវាធន្លាល់ទ companies were approved to

SAVS conficiting measure

creased by 0.02% aduring the quota implementation period. The wines imports from EU had declined by 0.04% and exports

ositive impacts on exponse south African Wine Industry is well stabled and on appropries has a greater variety of wines to erre a diverse international bemand.

Negative impacts on imports: Delayed implementation of Wines

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EMPIRIGAL RESULTS (cont.)

EXPORTS ILX36

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hat makes a difference

SNOISUISNOS

Chaese official multiplication ald not improve the share and official of the shares were The sum of the significantly declined

that on the street of the other periods and ora minementation improved significantly the share ந்து கூடி <u>இந்தை Auto EU</u>, but the wines M share Ilwas even lower compared to others

portance or dynamics in trade meaning that the lagged cantoositive lagger gependent variables emphasized

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CONCLUSIONS (cont.)

of certain trade flows between swarp its trading partners. ne since and exchange rate were also significant determinants

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ுழிவ⊀ிடிப் சூதையும் S^\Mines Into the EU market. implemention of lantitiquotalhad significantly improved the

wates had only bridged the trade-divide in favour of site)), the unplementation of the reciprocal preferential inoan wines expoirts to the EU.

reese rede rows or gornered use the impact is negative on nite renellation committee bereits A TDCA has benefited portside and notisignificant on the export-side in given the pescriptive and model results, there is no

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