

THE FUTURE OF MALAYSIA'S AGRICULTURE SECTOR BY 2030

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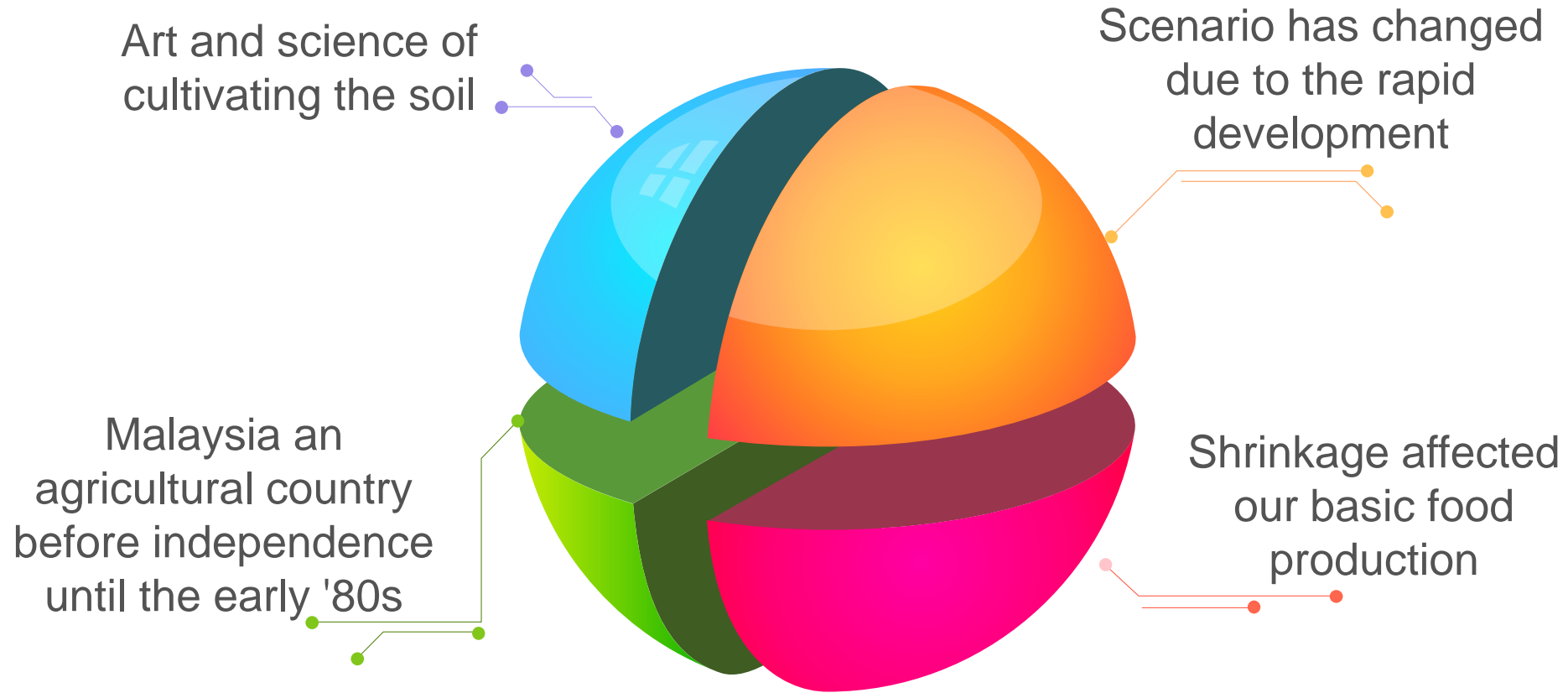
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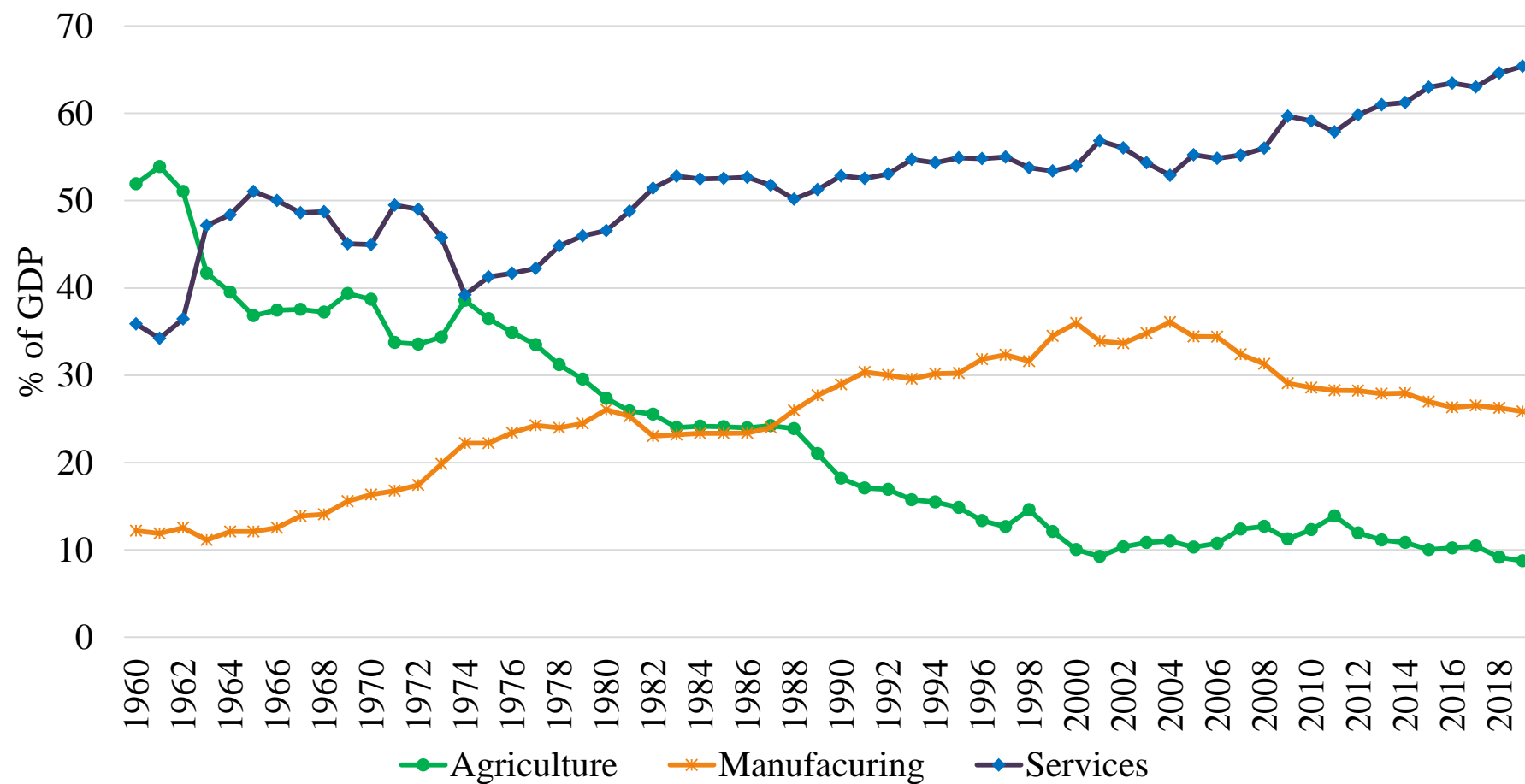
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Introduction



Introduction

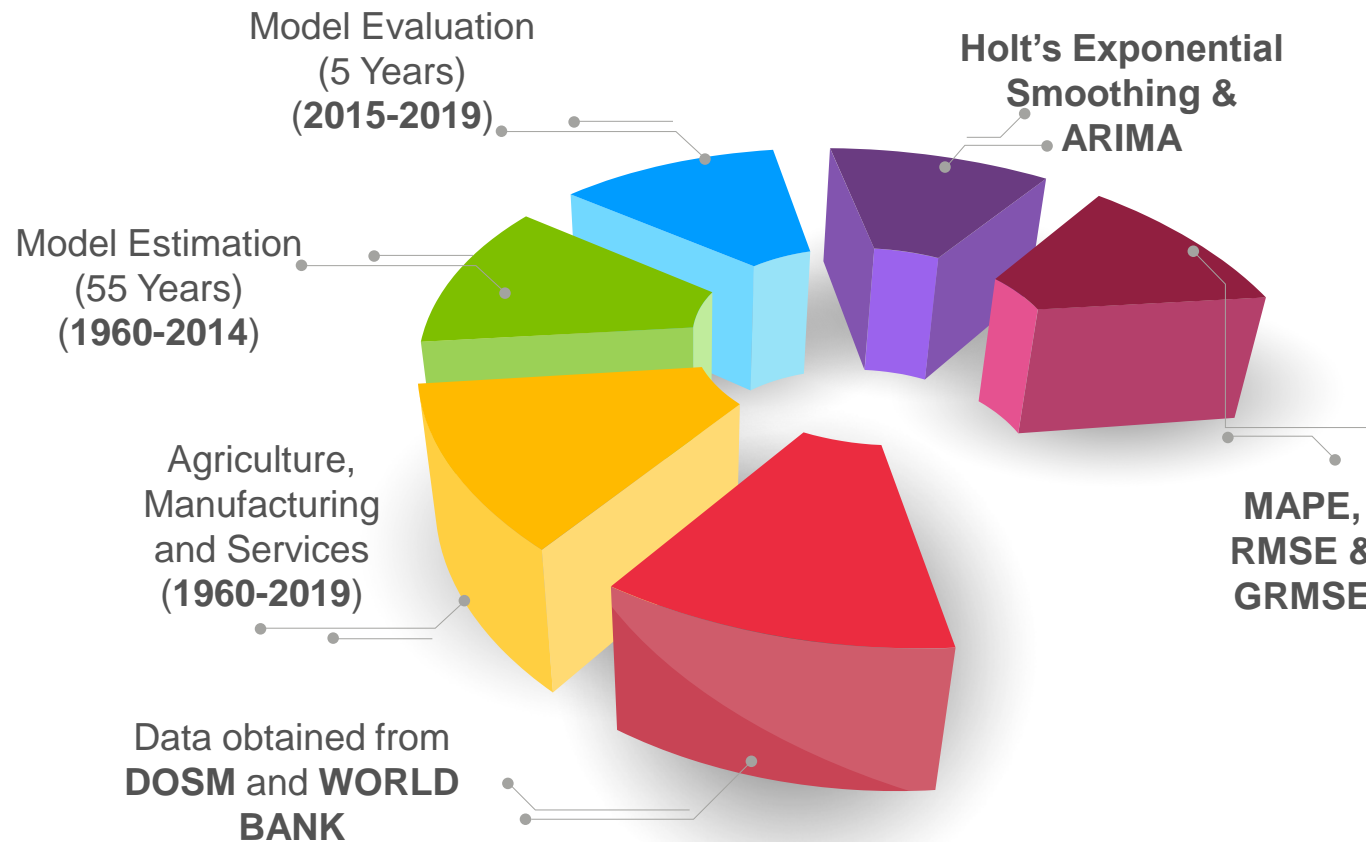


Objectives

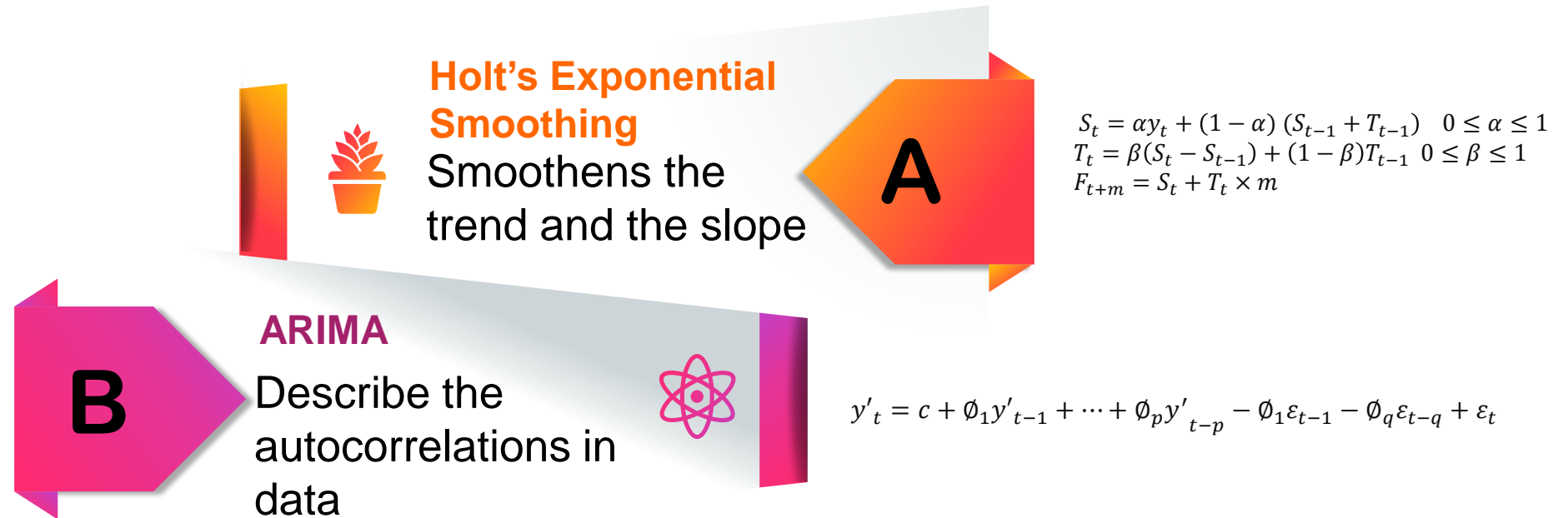


Forecast the agriculture sector by 2030 compared it to the manufacturing and services sectors

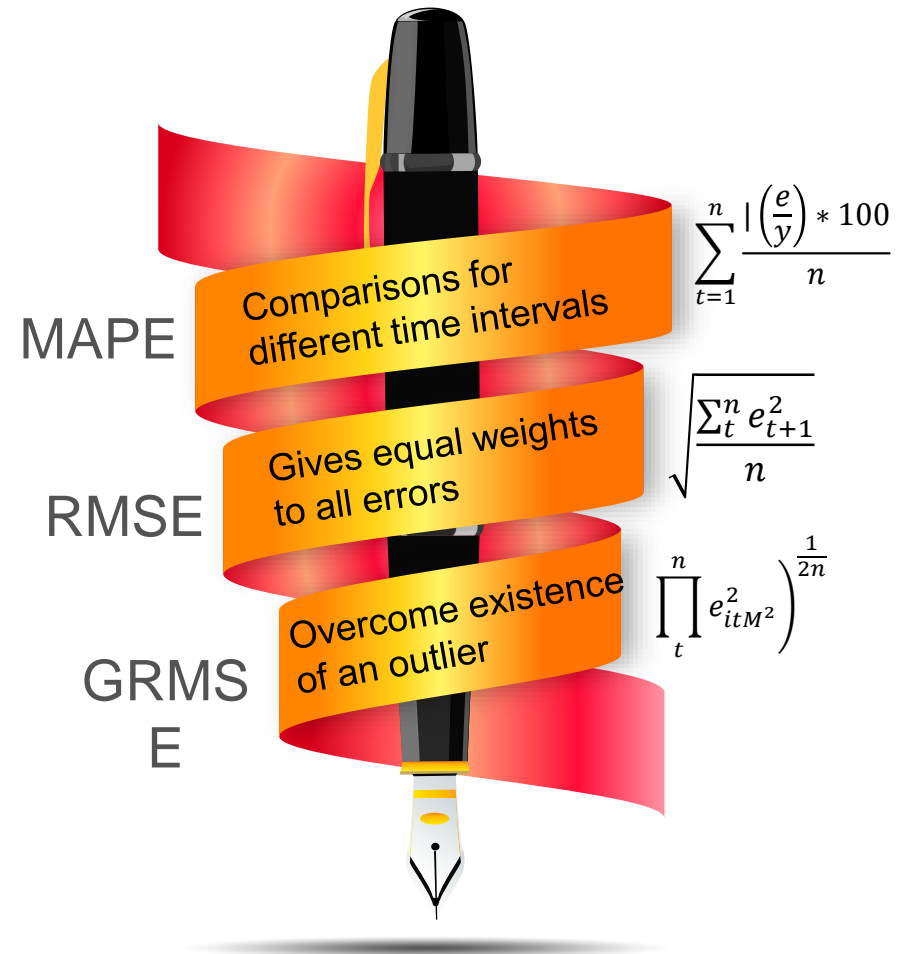
Methodology



Forecasting Techniques



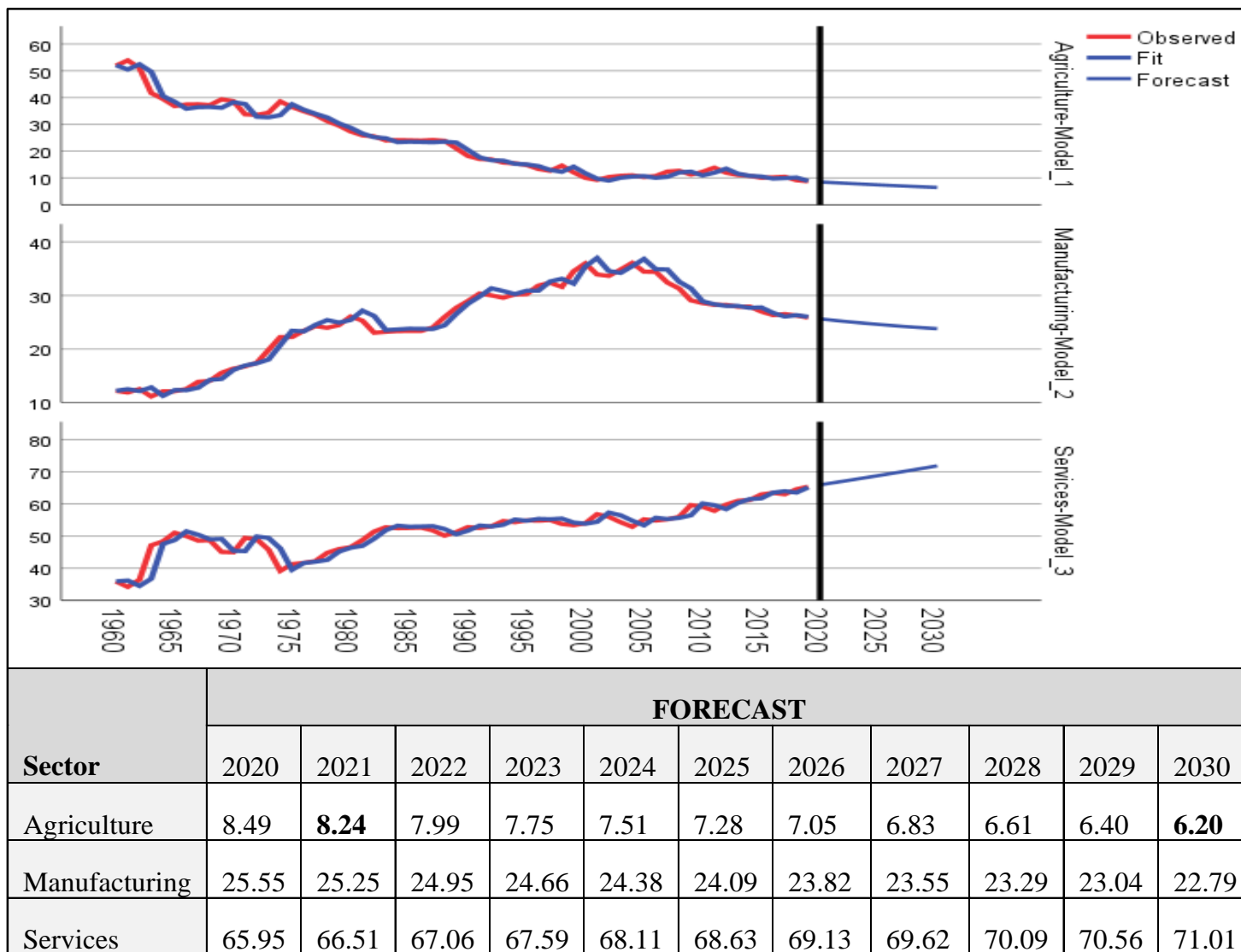
Error Measurement



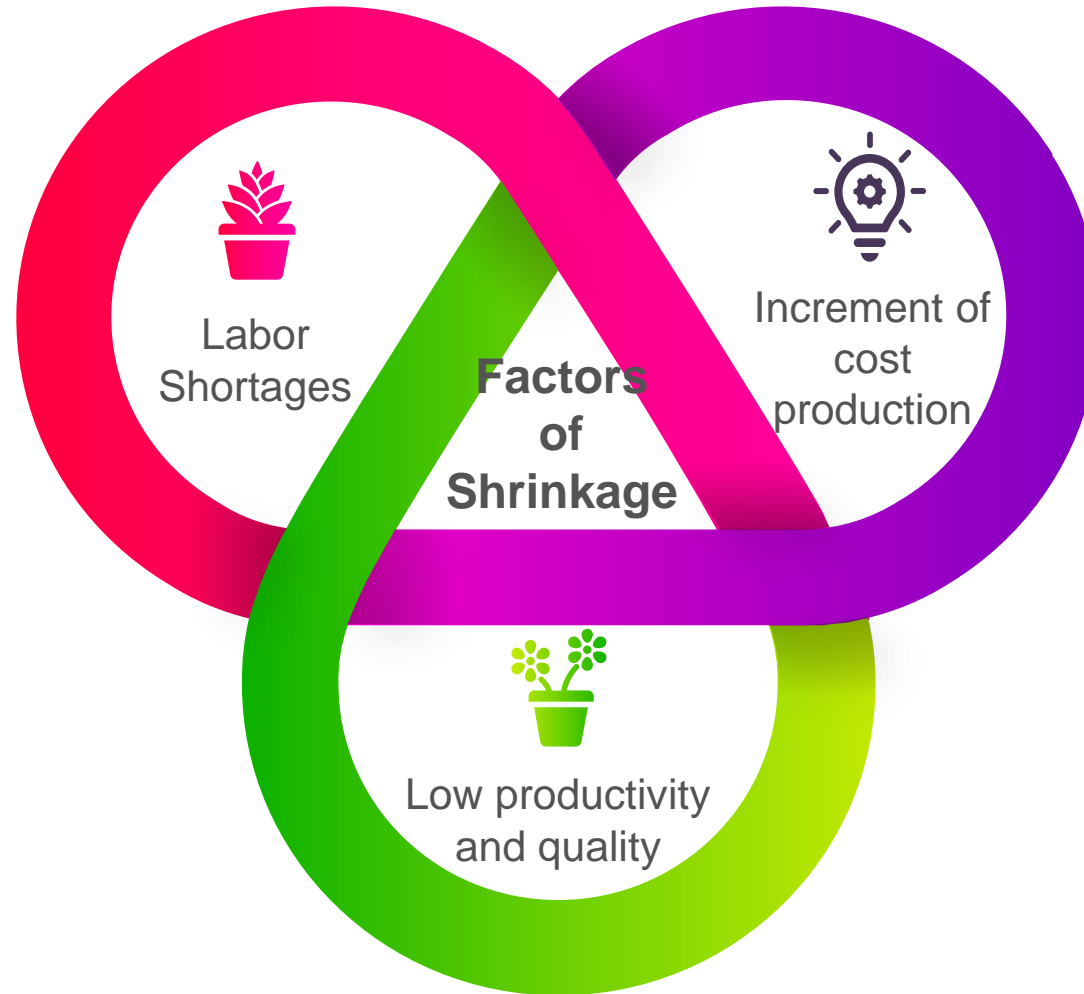
Results

Sector	Agriculture		Manufacturing		Services	
Techniques	Holt's ES	ARIMA	Holt's ES	ARIMA	Holt's ES	ARIMA
RMSE	0.4832(1)	0.5314(2)	1.0924(1)	3.1572(2)	1.1812(2)	0.7161(1)
GRMSE	0.2470(1)	0.3736(2)	1.0524(1)	2.7823(2)	0.9165(2)	0.6196(1)
MAPE	4.5472(1)	5.0637(2)	4.0753(1)	11.3562(2)	1.7032(2)	1.0508(1)

Results



Discussions



Conclusions

01

Shrinking of the agriculture sector is very hazardous



02

Drastic strategic agricultural policy planning needs to be establish



03

Self-sustaining basic food production





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THANK YOU

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