

## **Appendix:**

### Appendix A: Data Sources List.

This paper entirely relies on the secondary data gathered in reputable national and international organizations. The key data sources of the quantitative analysis will be the following:

*World Bank - World Development Indicators (WDI).*

FDI Inflows (Current US\$)  
FDI as Percentage of GDP  
GDP Growth Rate (%)

*Bangladesh Bank*

Annual FDI Statistics  
Balance of Payments Reports

*BGMEA Bangladesh Garment Manufacturers and Exporters Association.*

Annual RMG Export Earnings (2000-2024)  
Export Performance Reports

*United Nations Conference on Trade and Development (UNCTAD).*

World Investment Report  
Global FDI Trends

Each dataset was converted to tabular form and examined with the help of conventional econometric procedures.

## Appendix A : Variable Definitions.

Variable Description unit of measurement

<b>Variable</b>	<b>Description</b>	<b>Unit of Measurement</b>
GDP	Real GDP Growth Rate	Percentage (%)
FDI	Foreign Direct Investment Inflows	Billion US\$
RMG	Ready-Made Garments Export Earnings	Million US\$
INF	Inflation Rate	Percentage (%)
EXR	Exchange Rate (BDT/USD)	Local Currency per USD

## **Appendix B: Econometric Model in the study.**

The estimated regression model of the research is:

$$\text{GDP} = \alpha + \beta_1\text{FDI} + \beta_2\text{RMG} + \beta_3\text{INF} + \beta_4\text{EXR} + \varepsilon$$

Where:

GDP = Real GDP growth rate

FDI =inflows of Foreign Direct Investment.

RMG = export of Ready-Made Garments earnings.

INF = Inflation rate

EXR = Exchange rate

a = Intercept

b1 - b4 = Coefficients

e = Error term

The Ordinary Least Squares (OLS) method was used to estimate the model.

**Appendix C: Summarize the Descriptive Statistics.**

Variable

of interest 0.2144 0.3798 0.045 0.4545

<b>Variable</b>	<b>Mean</b>	<b>Maximum</b>	<b>Minimum</b>
GDP Growth (%)	6.45	7.88	3.45
FDI (Billion US\$)	1.95	3.89	0.083
RMG Exports (Million US\$)	25,053	45,709	4,824
Inflation (%)	6.21	9.89	4.12
Exchange Rate	84.7	110.2	52.3

(Computed from 2000-2023 official data)

## **Appendix F: List of Figures Used in the Practical Analysis**

Figure 4.1: Trend of FDI Net Inflows to Bangladesh (2000–2023)

Figure 4.2: FDI as Percentage of GDP in Bangladesh

Figure 4.3: Growth of Bangladesh RMG Export Earnings (2000–2024)

Figure 4.4: Trend of GDP Growth Rate in Bangladesh

Figure 4.5: Combined Relationship between FDI, RMG Exports and GDP