

**MODELING UNDESIRABLE FACTORS IN EFFICIENCY
EVALUATION WITH AN APPLICATION TO THE MALAYSIAN
MANUFACTURING SECTOR**

NOOR ASIAH RAMLI

**FACULTY OF ECONOMICS AND ADMINISTRATION
UNIVERSITY OF MALAYA
KUALA LUMPUR**

2013

**MODELING UNDESIRABLE FACTORS IN EFFICIENCY
EVALUATION WITH AN APPLICATION TO THE MALAYSIAN
MANUFACTURING SECTOR**

NOOR ASIAH BT RAMLI

**THESIS SUBMITTED IN FULFILMENT
OF THE REQUIREMENTS
FOR THE DEGREE OF DOCTOR OF PHILOSOPHY**

**FACULTY OF ECONOMICS AND ADMINISTRATION
UNIVERSITY OF MALAYA
KUALA LUMPUR**

2013