

## APPENDIX B: STATISTICAL METHODS

The analyses for this report were generated based on the NCVD-PCI registry data from year 2007 until 2009. All suspicious variables were verified against the original sources. When no solutions can be found via verification process, then, variables that lay outside the acceptable range as mentioned in the following table were treated as missing values. All analyses were performed based on available data; no statistical imputation method was performed in replacing the missing value.

The outliers were set to missing as below:

Fields	Acceptable range
Age	> 18 years old
Heart rate	25 – 200 beats/min
Systolic BP	60 – 230 mmHg
Diastolic BP	10 – 120 mmHg
Height	130 – 250 cm
Weight	40 – 200 kg
Creatinine	≥ 44 micromol/L (min)
Total Cholesterol	2.5 – 25.0 mmol/L
LDL	0.7 – 20.0 mmol/L
EF status	15 - 80%
Fluroscopy time	2 – 180 mins
Contrast volume	15 – 500ml
Pre-stenosis	10 - 100%
Post-stenosis	0 - 100%
Estimated lesion length	1 – 150 mm
Stent Length	8 – 50 mm
Diameter	2.0 – 7.0 mm
Max balloon size used	1 – 6 mm
Max stent/ balloon deploy pressure	1 – 30 atm

All continuous data were summarized using summary statistics such as mean, standard deviation, median, minimum and maximum. On the other hand, frequency and percentage were reported for categorical data.