

## WISE SoE data request 2007 - Step 3

### EIONET-Water: Lakes

#### Italy

Aggregated data

#### **Graphical presentation of possible outliers**

Following graphical representations of time series were generated from data in tables, which are uploaded at Eionet Water library on EEA CIRCA on same place as this document. The tables contains list of records which responsible ETC-WTR data manager detected as outlying using documented rules and methods.

Responsible national data managers or experts can use this document to help them decide whether detected values are errors or results of natural processes which are possible in respective area. Results of their decision (either corrected values or explanation) should be prepared and delivered according published guidelines or upon an agreement with responsible data manager of the ETC-WTR.

Time series graphs are ordered by determinand, by station ID and by aggregation period in this order.

**Determinand:**

Chlorophyll a

**WaterbaseID:**

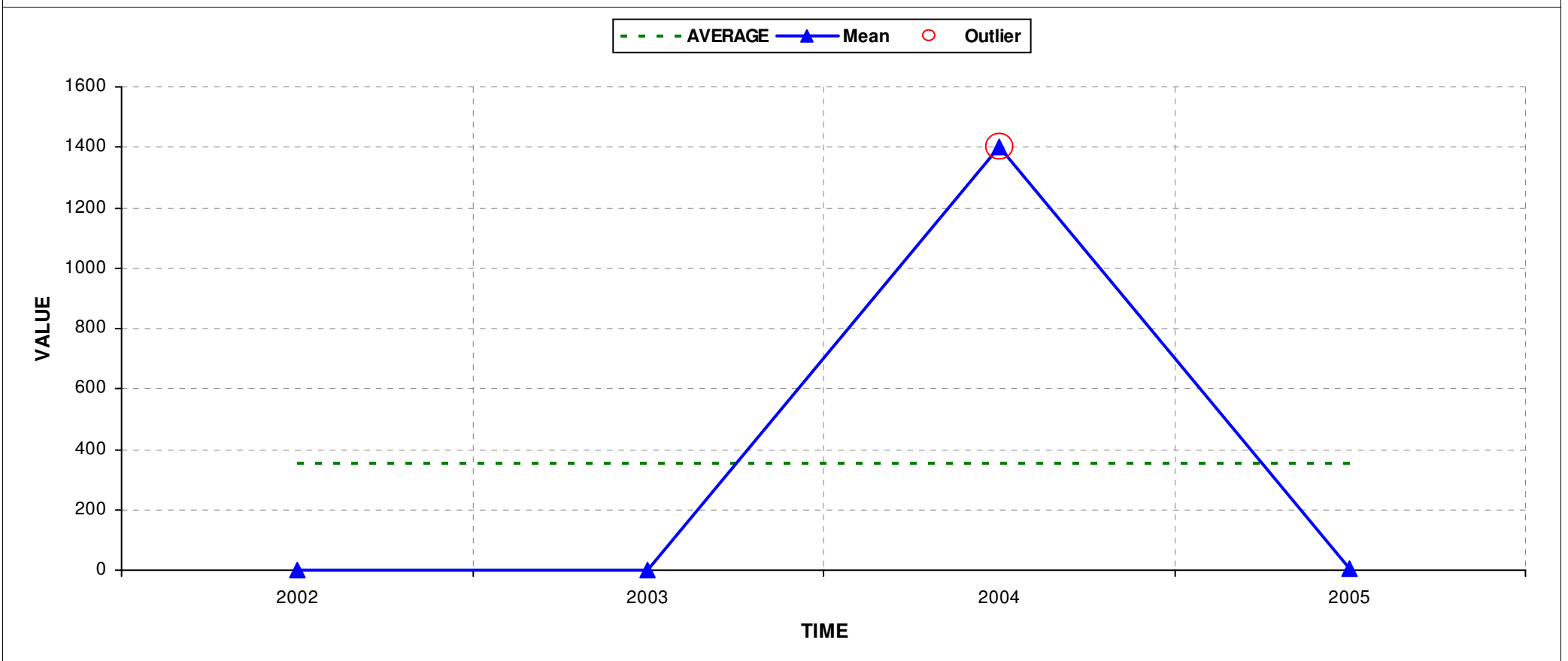
IT\_LK\_72

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2004, µg/l]: 1400



**Determinand:**

Conductivity

**WaterbaseID:**

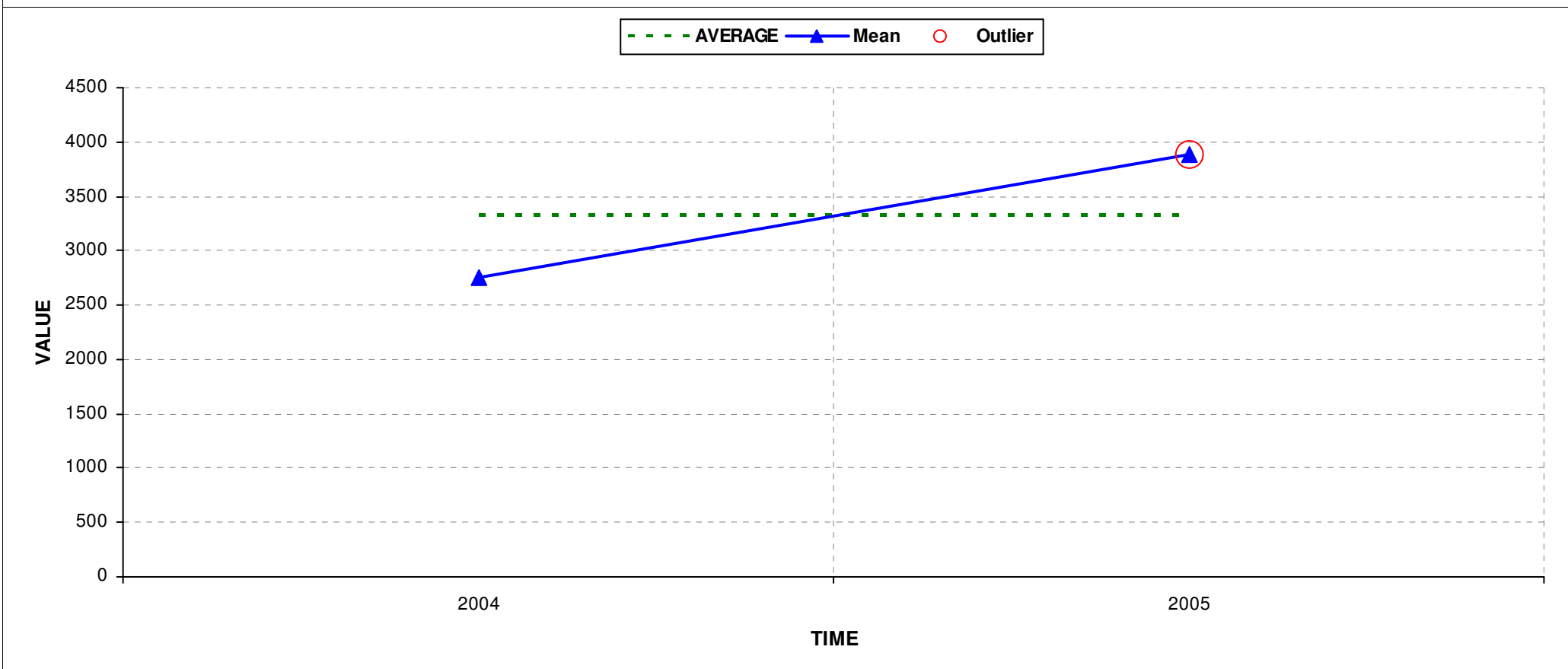
IT\_LK\_84

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2005,  $\mu\text{S/cm}$ ]: 3890

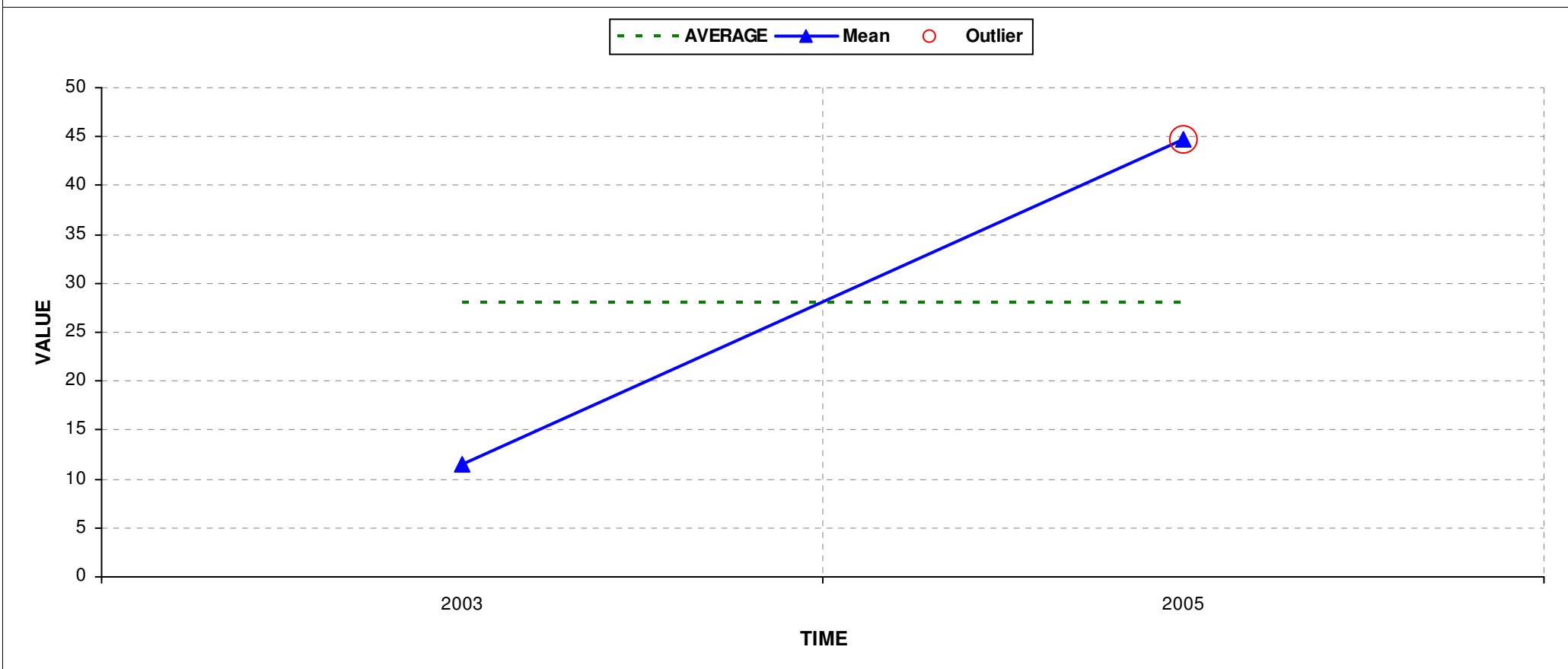


**Determinand:**  
Dissolved Oxygen

**WaterbaseID:**  
IT\_LK\_108

**AggregationPeriod:**  
Annual

**Outlier values ([Year, Unit]: Mean):**  
[2005, mg/l O2]: 44.775

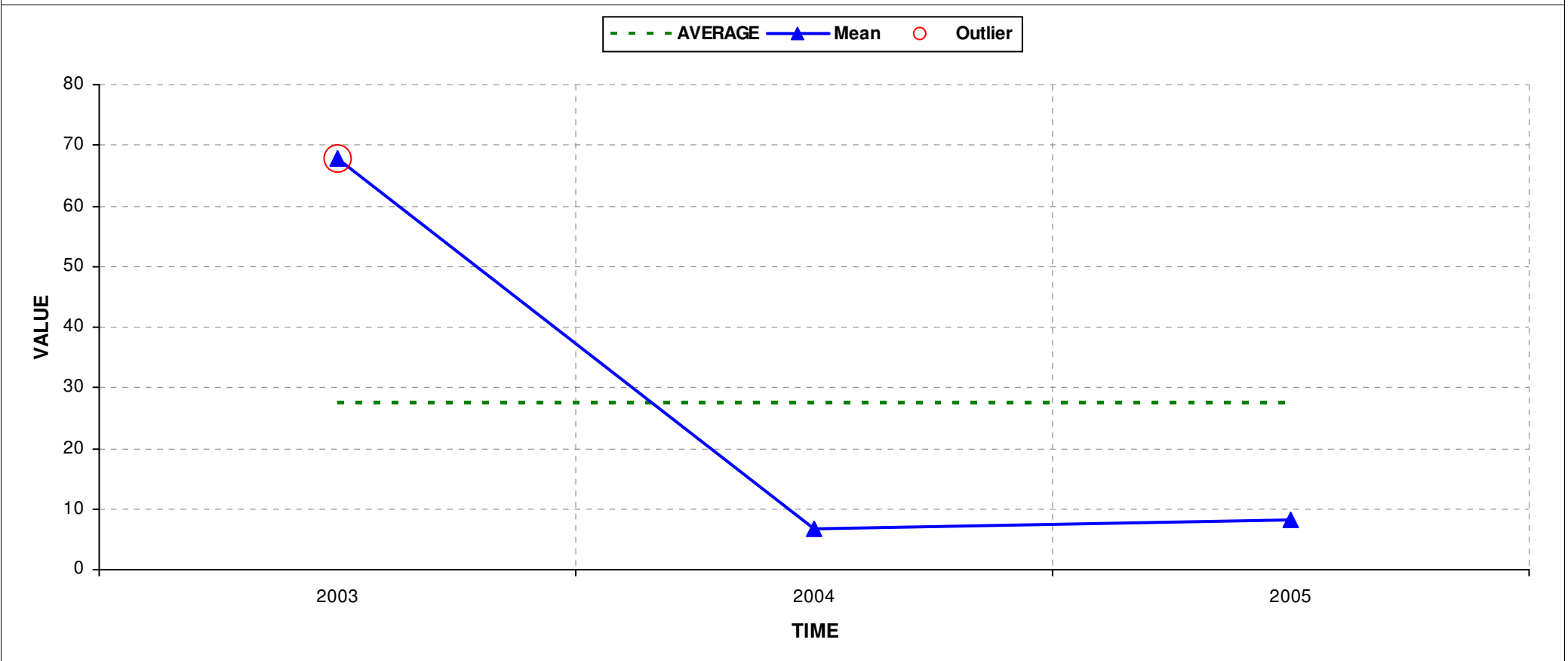


**Determinand:**  
Dissolved Oxygen

**WaterbaseID:**  
IT\_LK\_151

**AggregationPeriod:**  
Annual

**Outlier values ([Year, Unit]: Mean):**  
[2003, mg/l O2]: 67.833

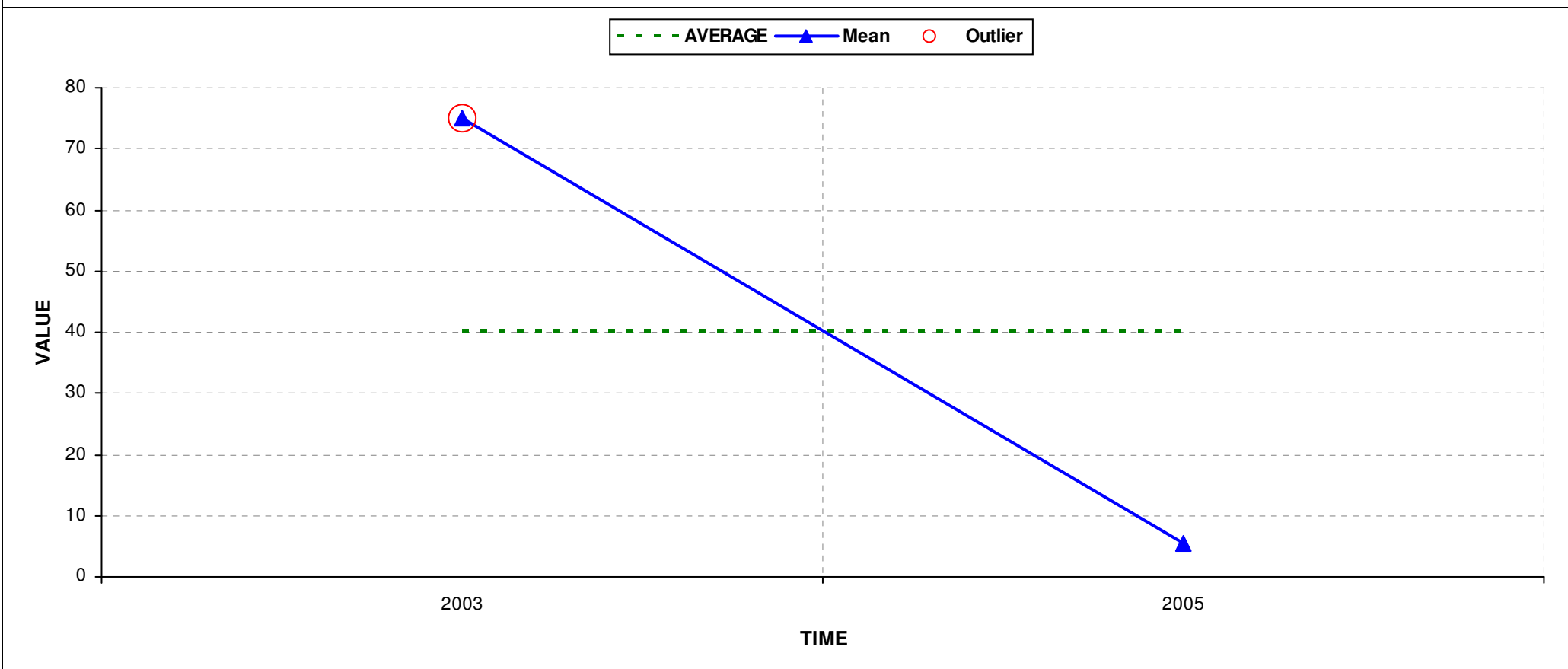


**Determinand:**  
Dissolved Oxygen

**WaterbaseID:**  
IT\_LK\_182

**AggregationPeriod:**  
Annual

**Outlier values ([Year, Unit]: Mean):**  
[2003, mg/l O2]: 75

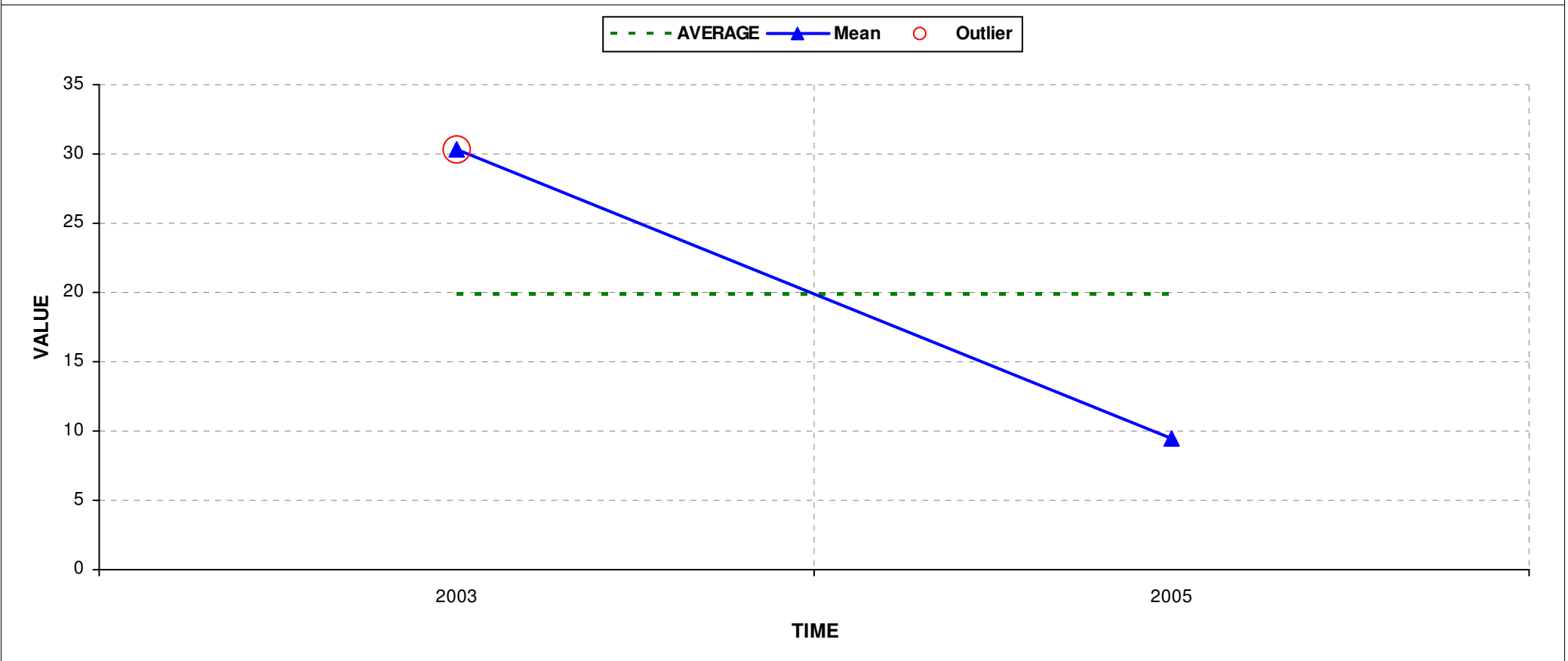


**Determinand:**  
Dissolved Oxygen

**WaterbaseID:**  
IT\_LK\_22

**AggregationPeriod:**  
Annual

**Outlier values ([Year, Unit]: Mean):**  
[2003, mg/l O2]: 30.333



**Determinand:**

Nitrate

**WaterbaseID:**

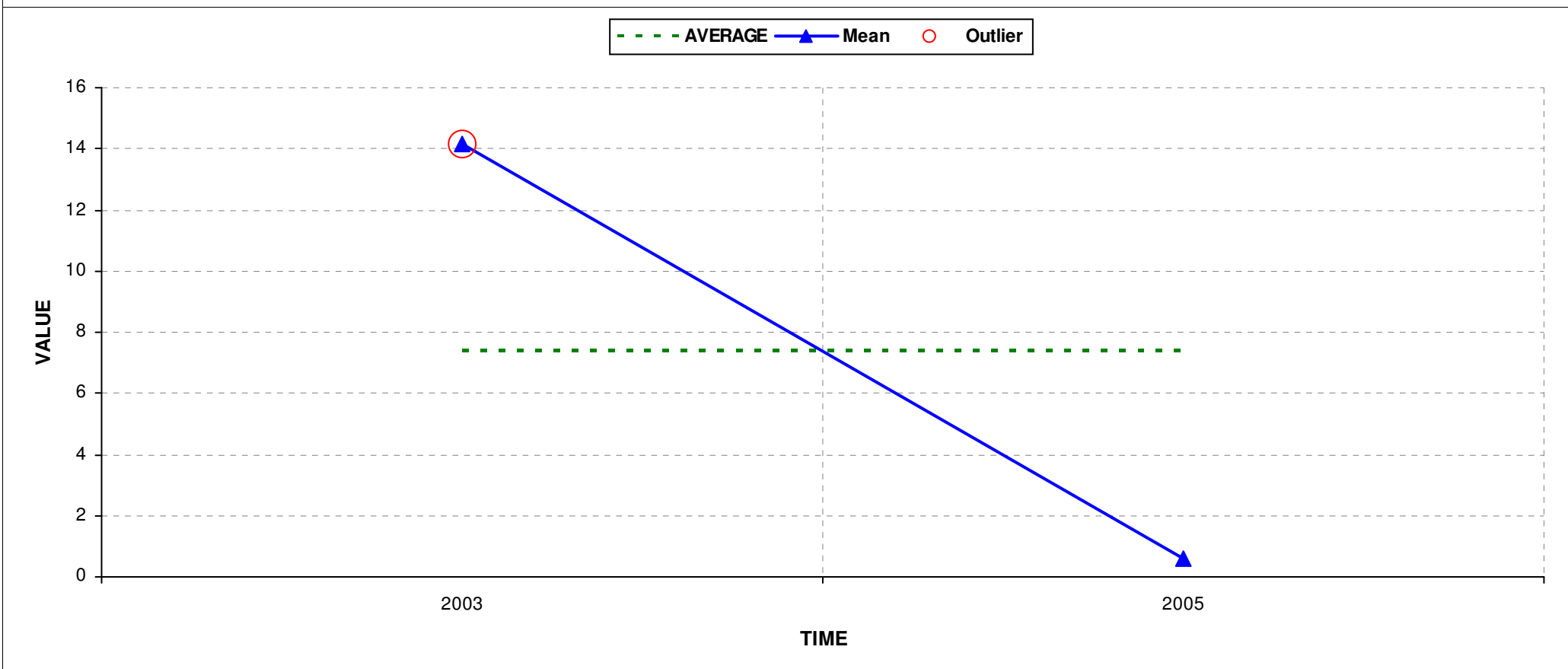
IT\_LK\_134

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 14.167





**Determinand:**

Nitrate

**WaterbaseID:**

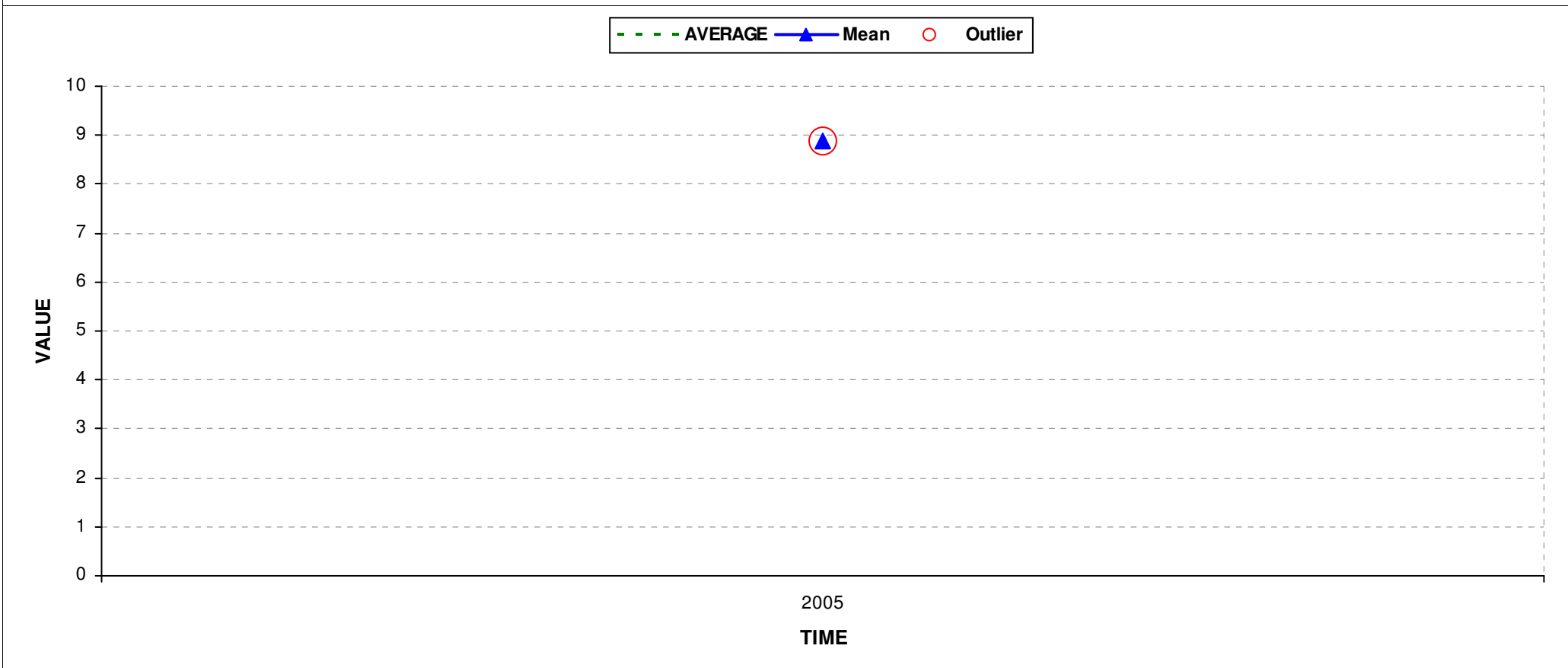
IT\_LK\_225a

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2005, mg/l N]: 8.890909091



**Determinand:**

Nitrate

**WaterbaseID:**

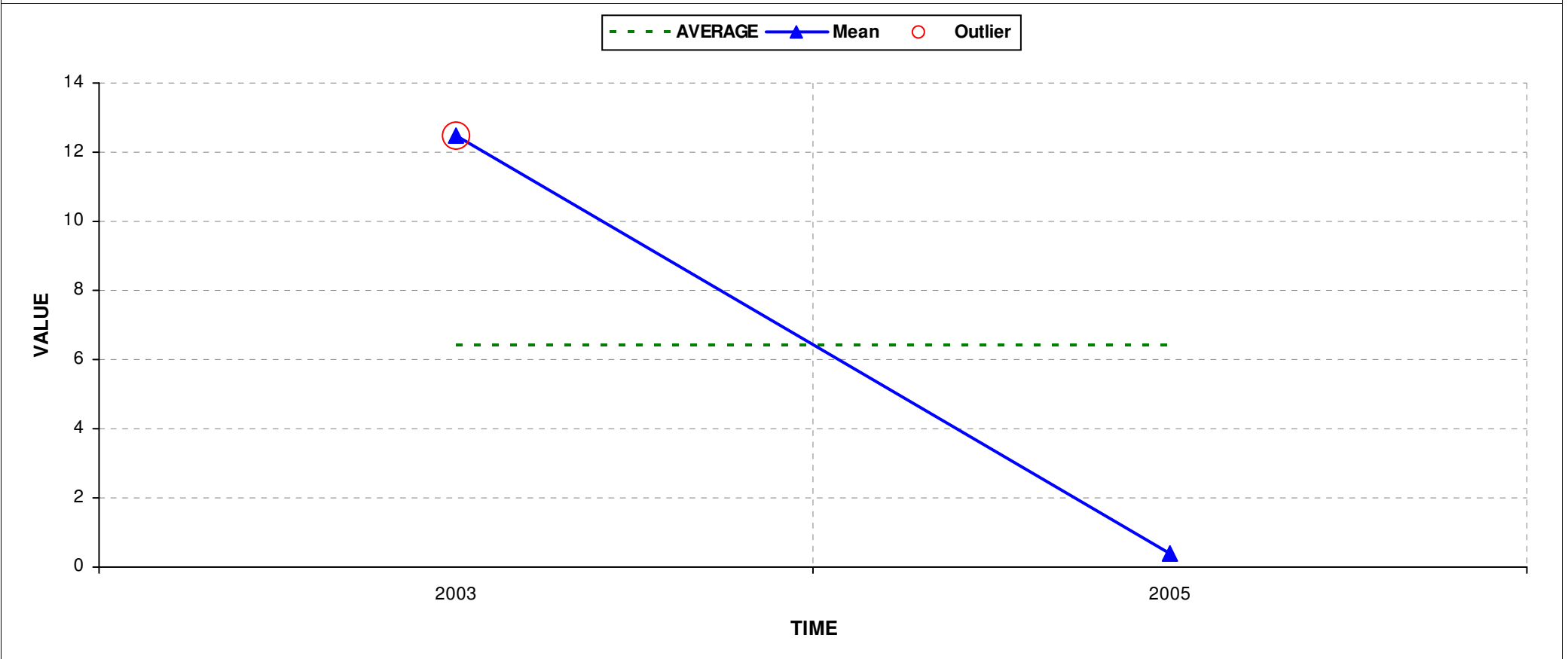
IT\_LK\_38

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 12.5



**Determinand:**

Nitrate

**WaterbaseID:**

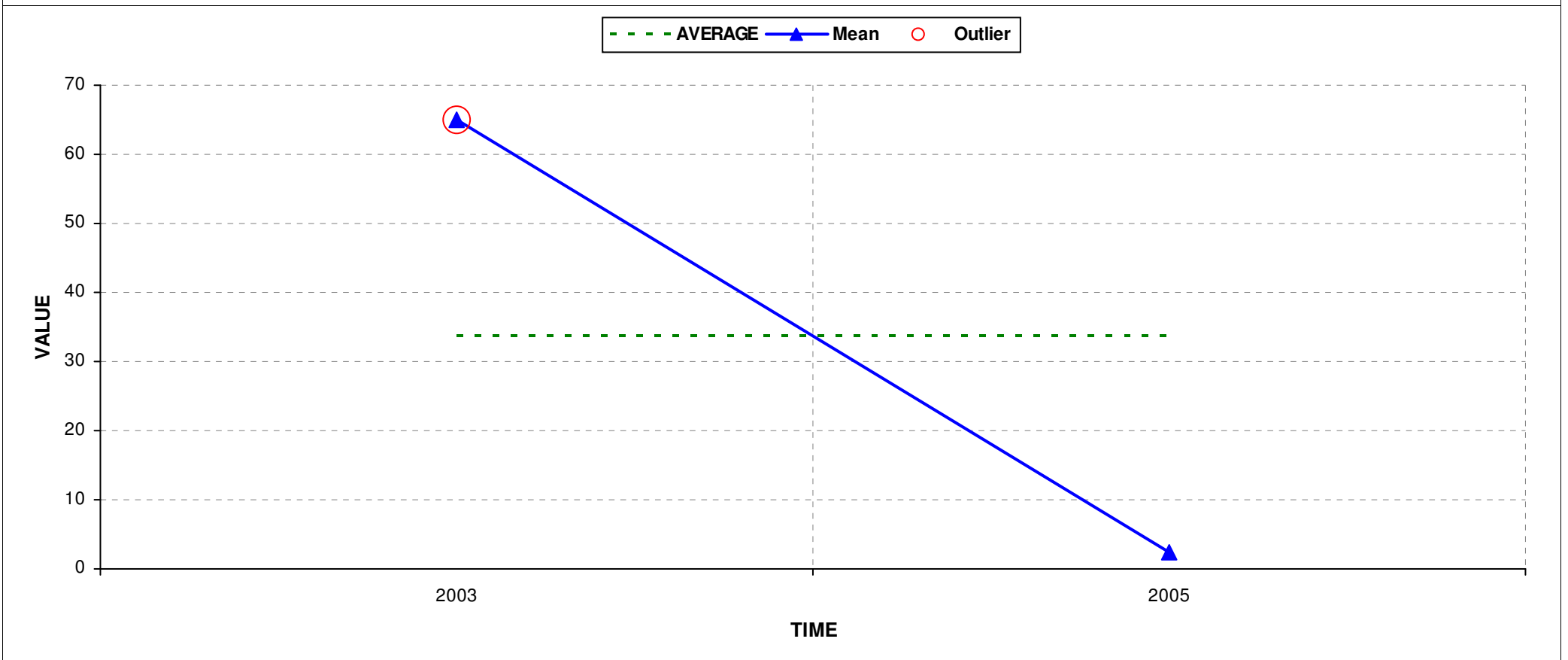
IT\_LK\_4

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 65



**Determinand:**

Nitrate

**WaterbaseID:**

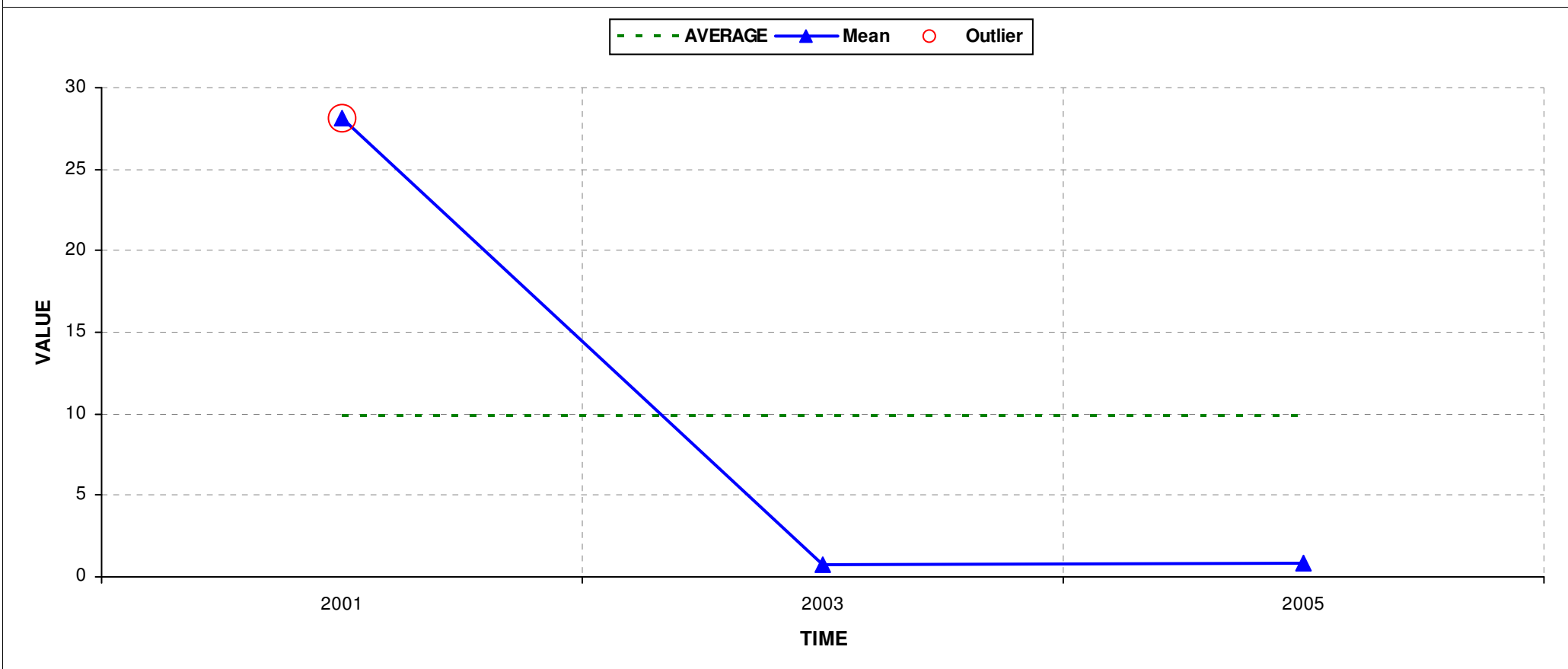
IT\_LK\_41

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2001, mg/l N]: 28.15571429



**Determinand:**

Nitrate

**WaterbaseID:**

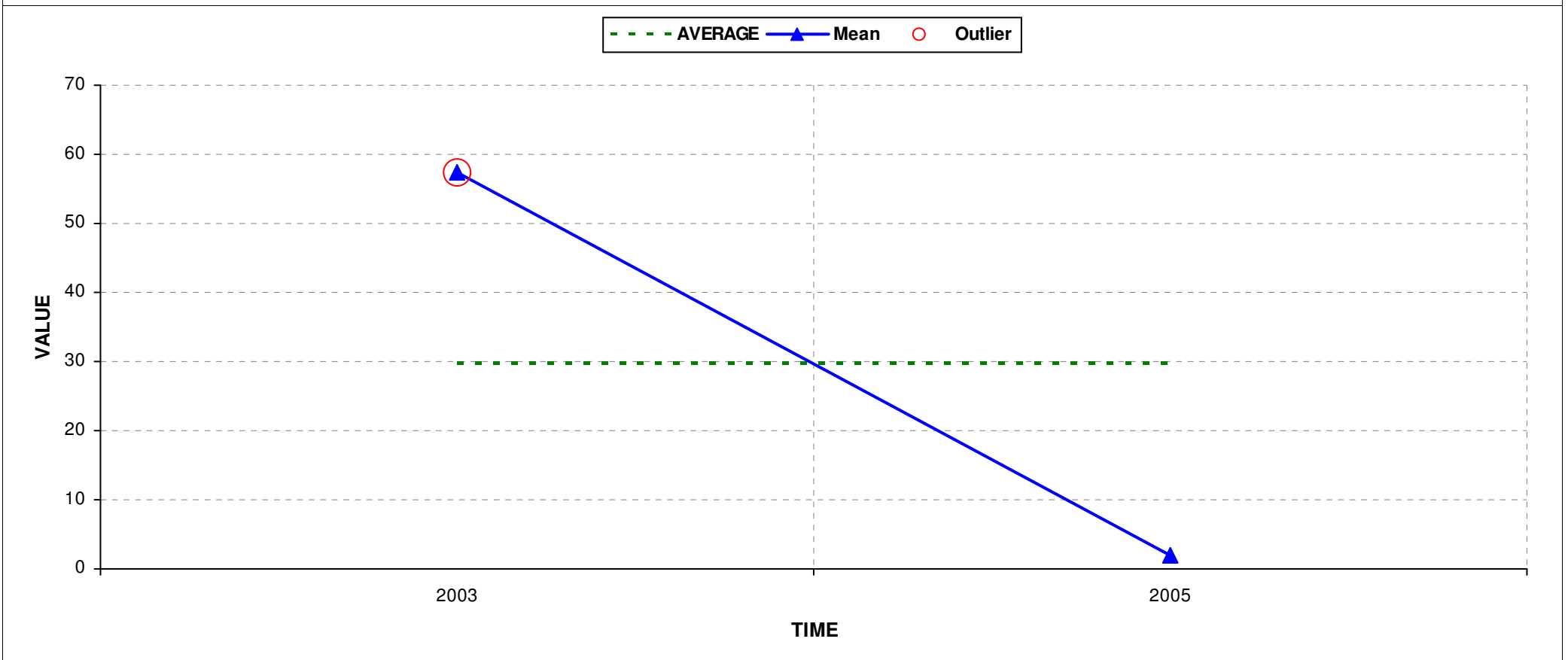
IT\_LK\_46

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 57.5



**Determinand:**

Nitrate

**WaterbaseID:**

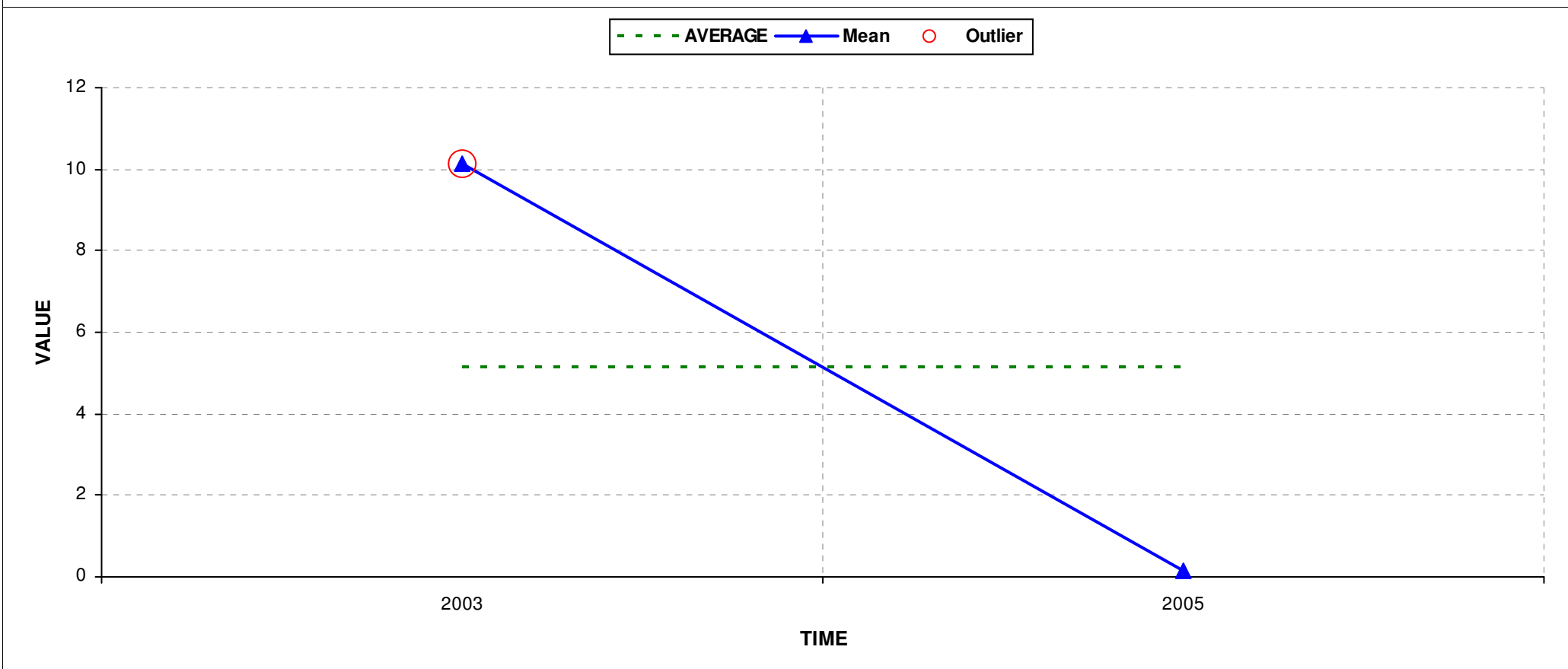
IT\_LK\_63

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 10.138



**Determinand:**

Nitrate

**WaterbaseID:**

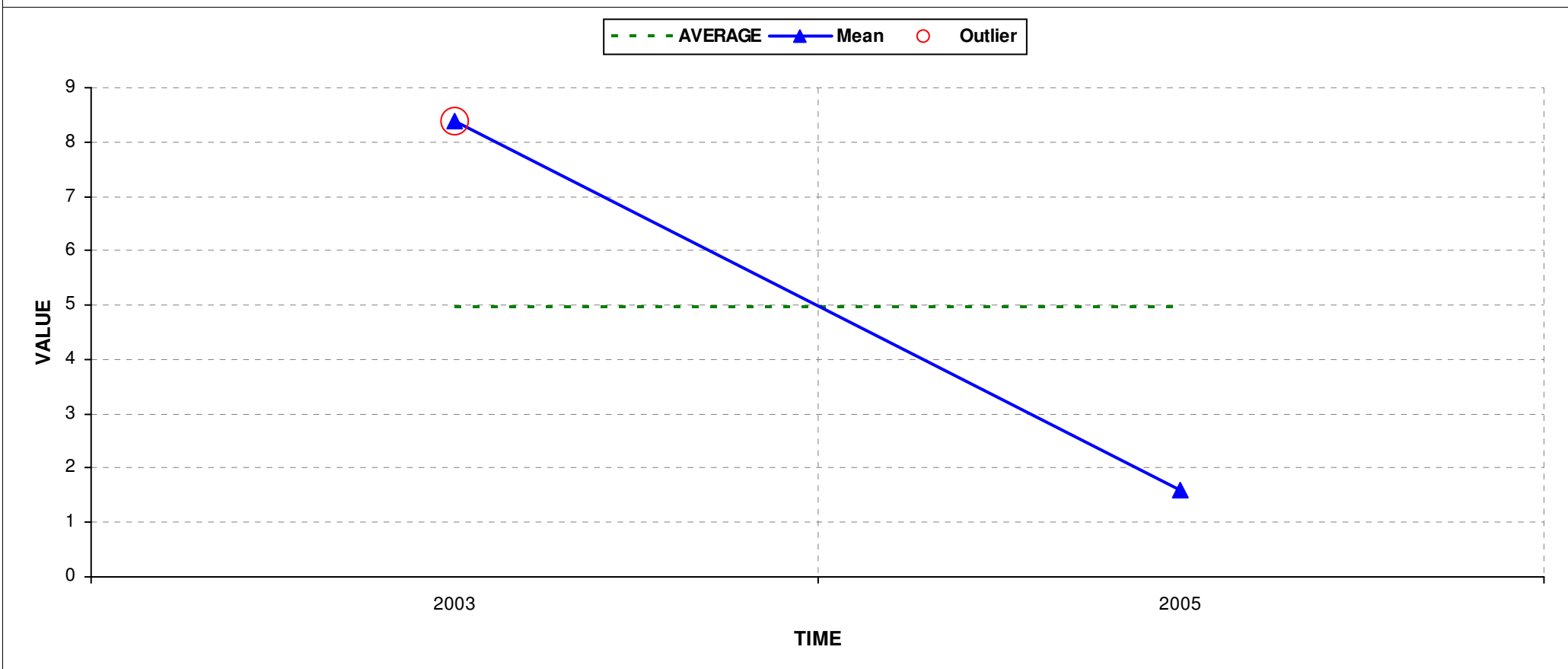
IT\_LK\_79

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 8.375



**Determinand:**

Nitrate

**WaterbaseID:**

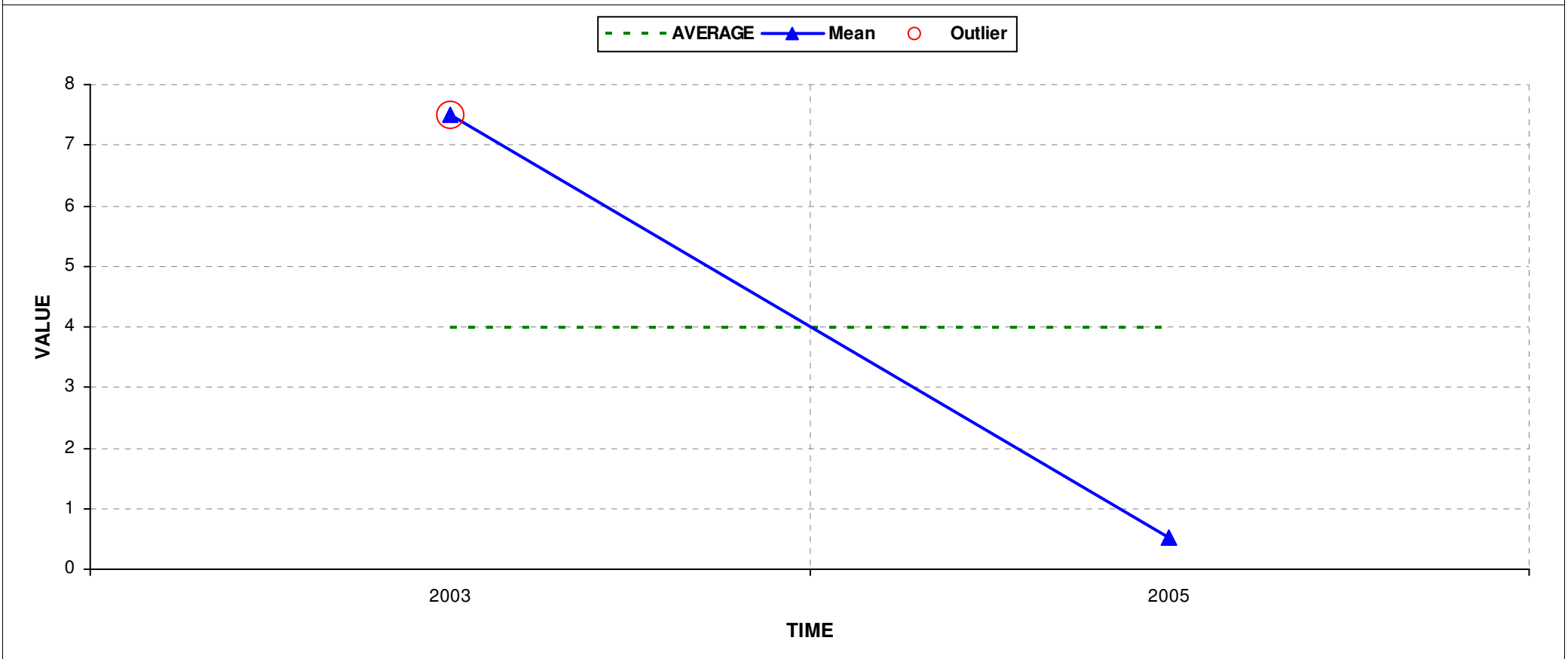
IT\_LK\_9

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 7.5





**Determinand:**

Orthophosphate

**WaterbaseID:**

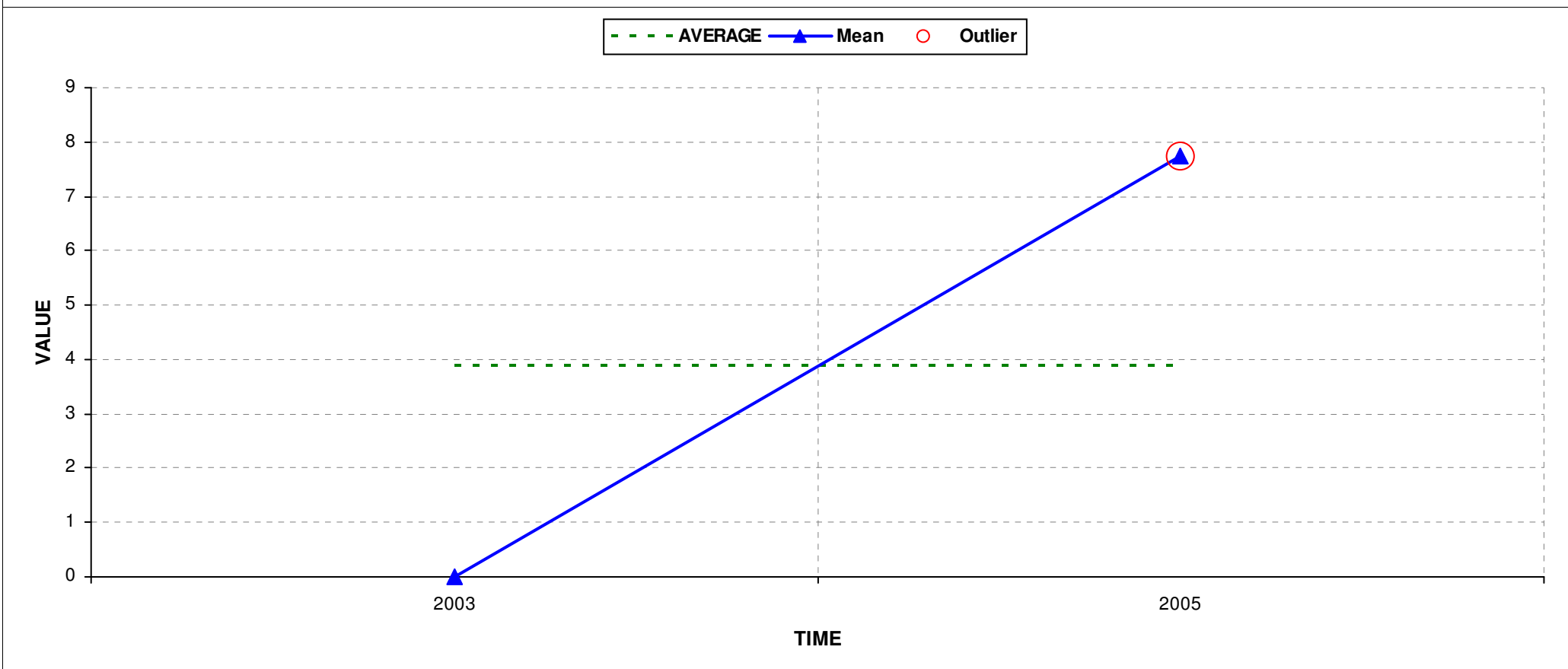
IT\_LK\_161

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2005, mg/l P]: 7.741273997



**Determinand:**

Secchi Depth Transparency

**WaterbaseID:**

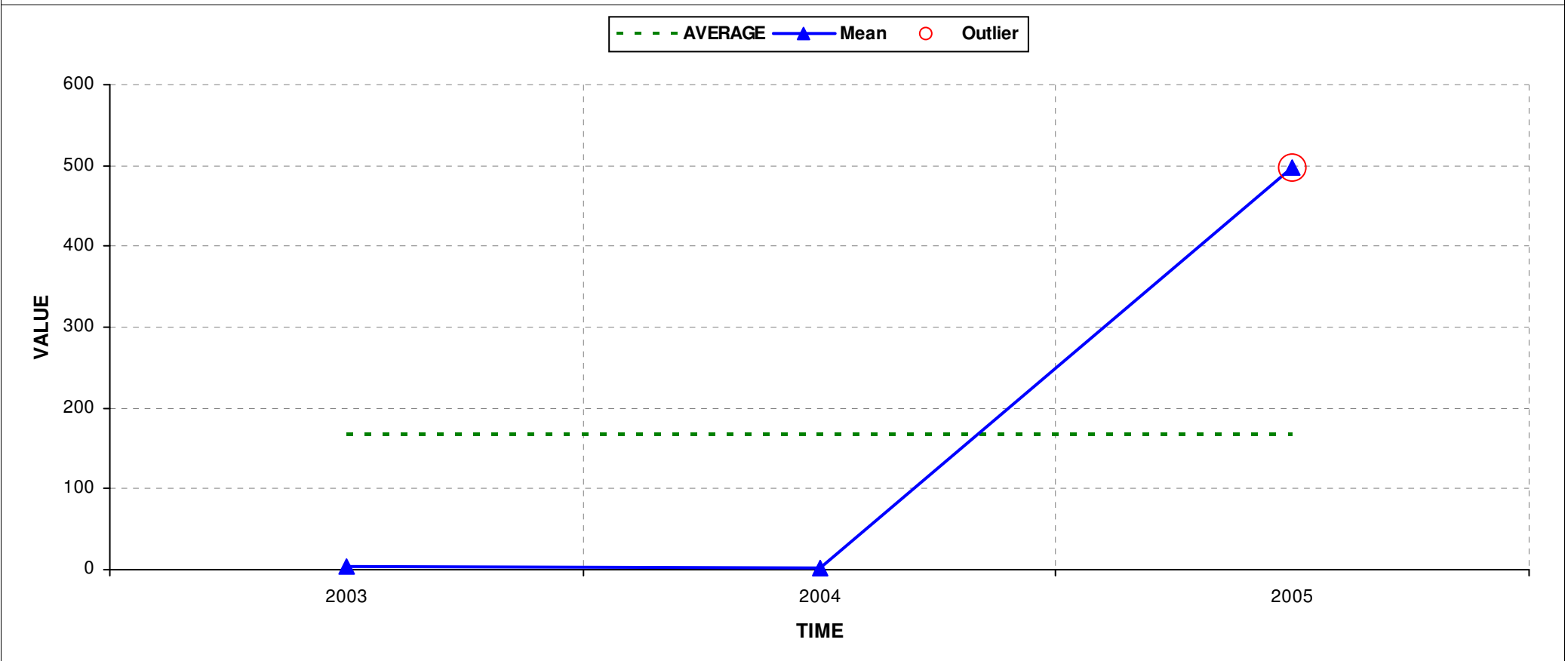
IT\_LK\_186

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2005, m]: 497.3333333



**Determinand:**

Total Ammonium

**WaterbaseID:**

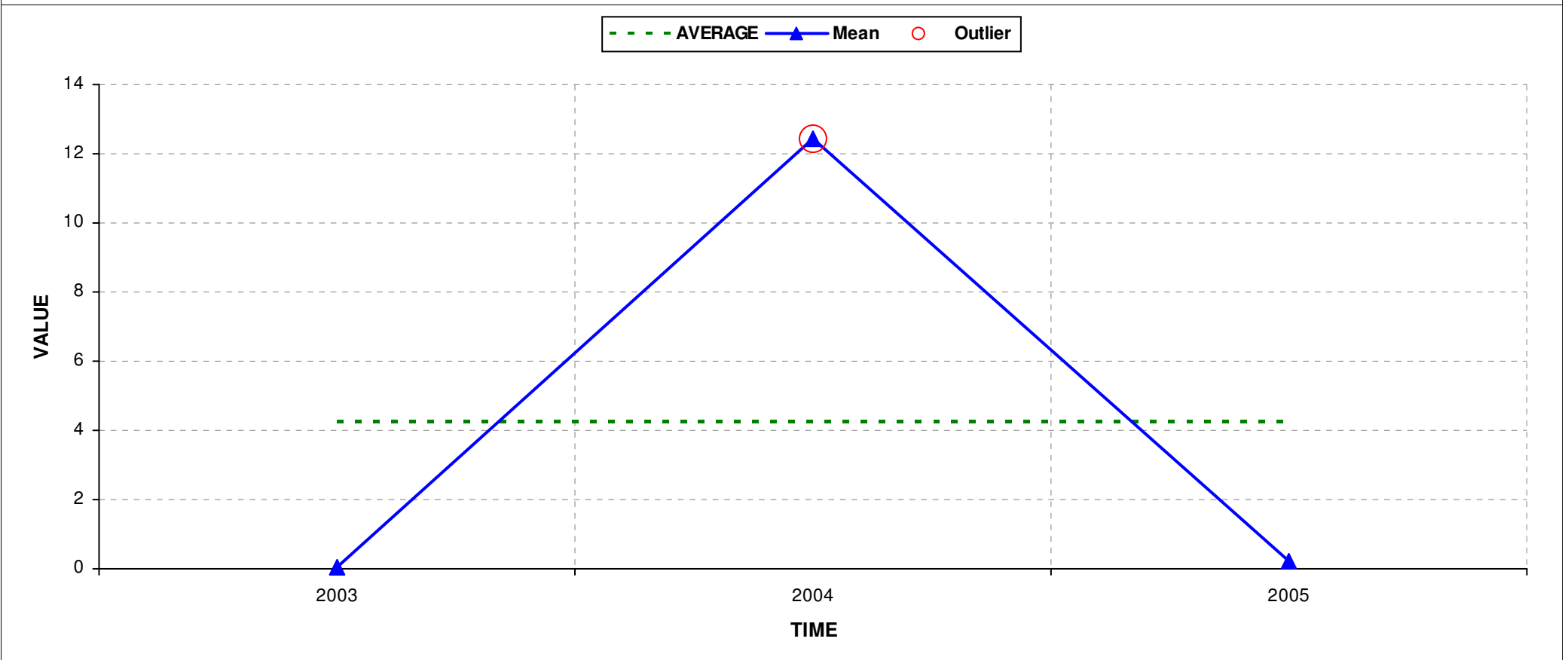
IT\_LK\_108

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2004, mg/l N]: 12.45



**Determinand:**

Total Ammonium

**WaterbaseID:**

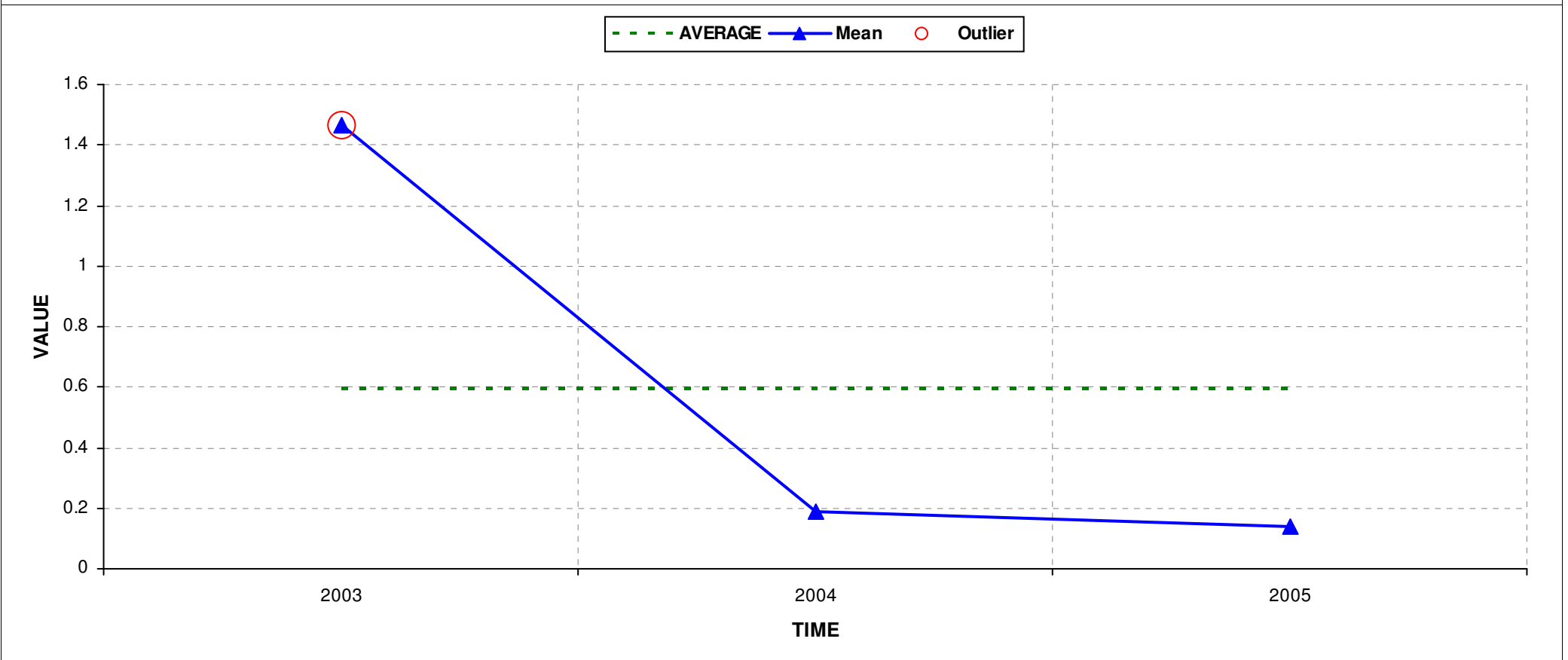
IT\_LK\_6

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 1.465



**Determinand:**

Total Ammonium

**WaterbaseID:**

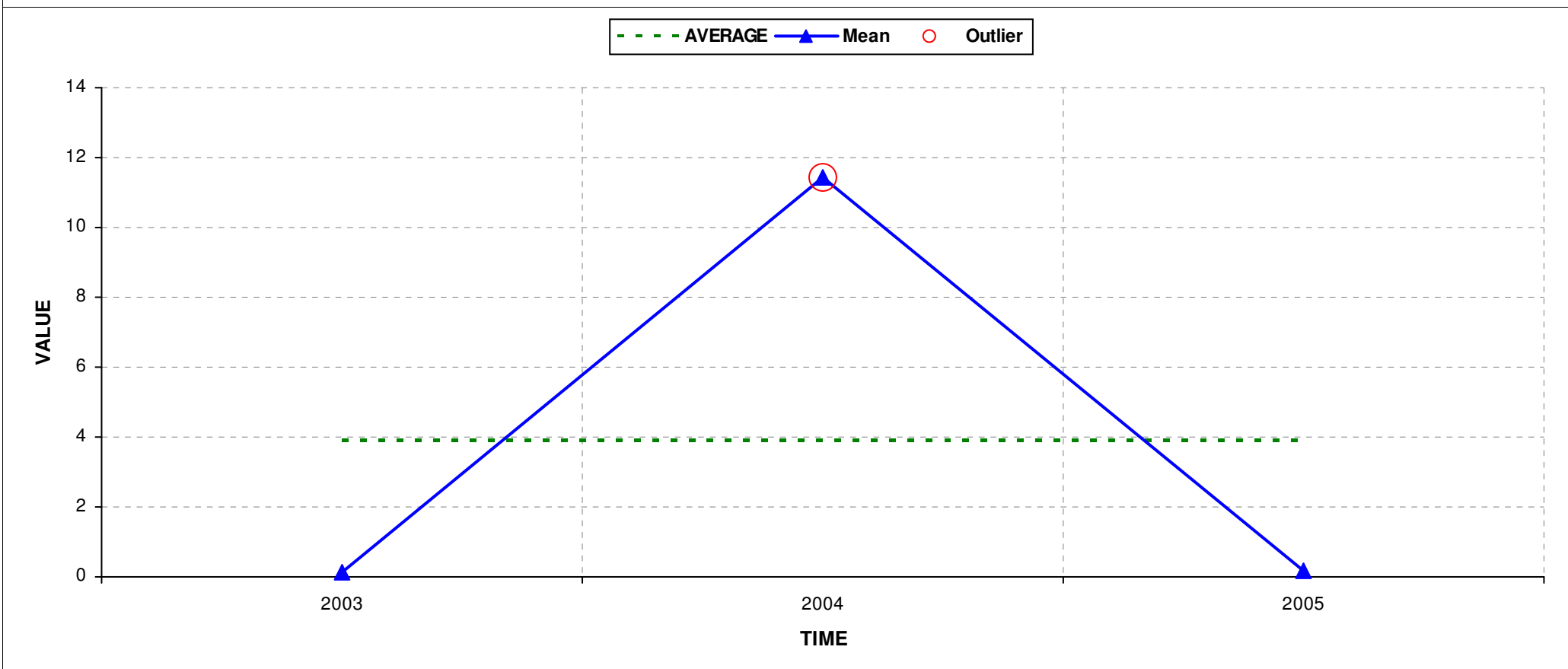
IT\_LK\_79

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2004, mg/l N]: 11.45



**Determinand:**

Total Nitrogen

**WaterbaseID:**

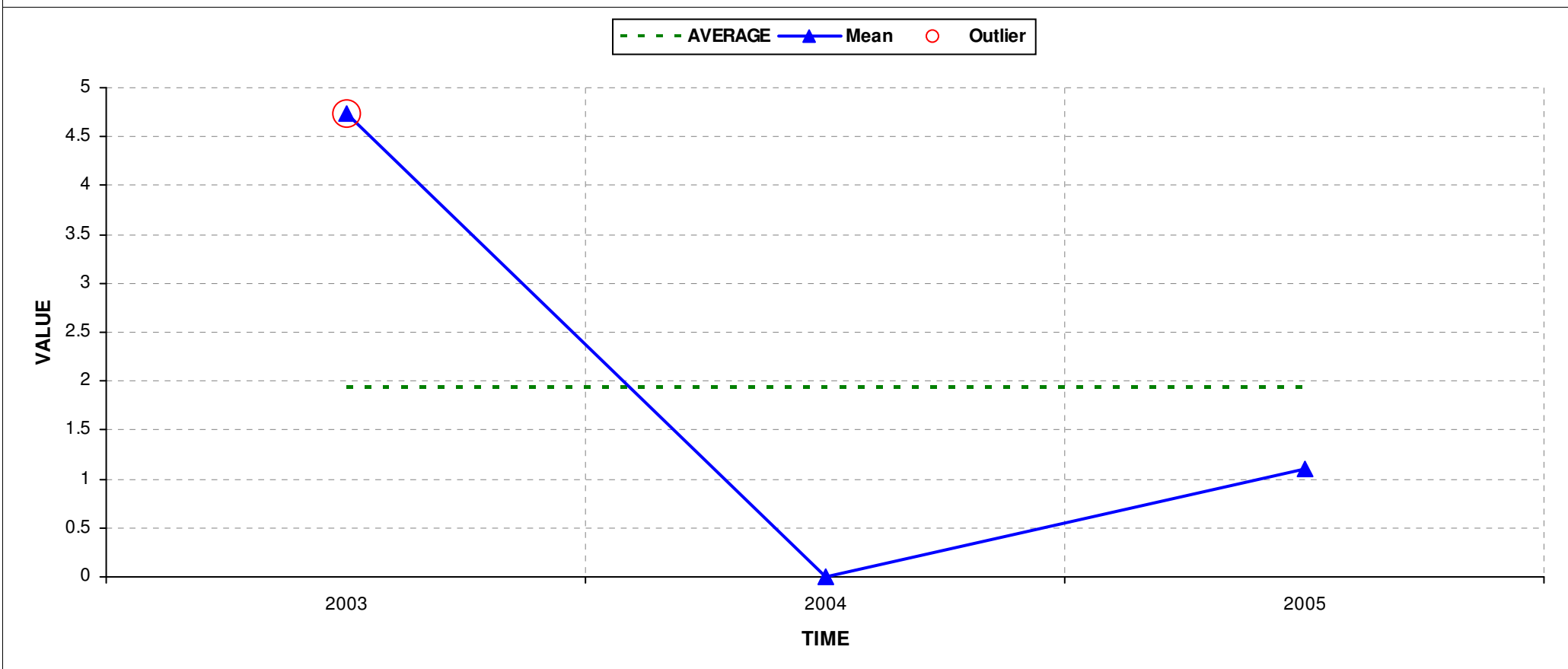
IT\_LK\_119

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 4.731



**Determinand:**

Total Nitrogen

**WaterbaseID:**

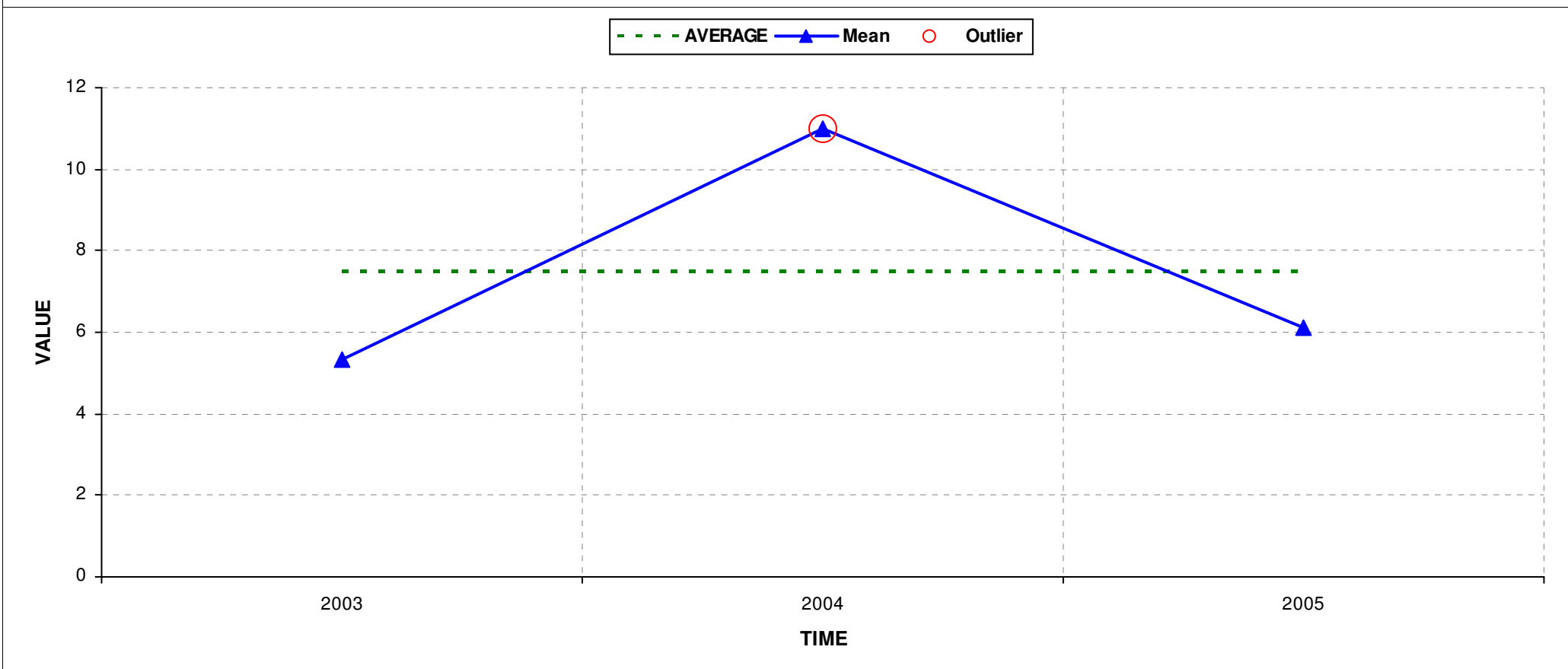
IT\_LK\_30

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2004, mg/l N]: 11



**Determinand:**

Total Nitrogen

**WaterbaseID:**

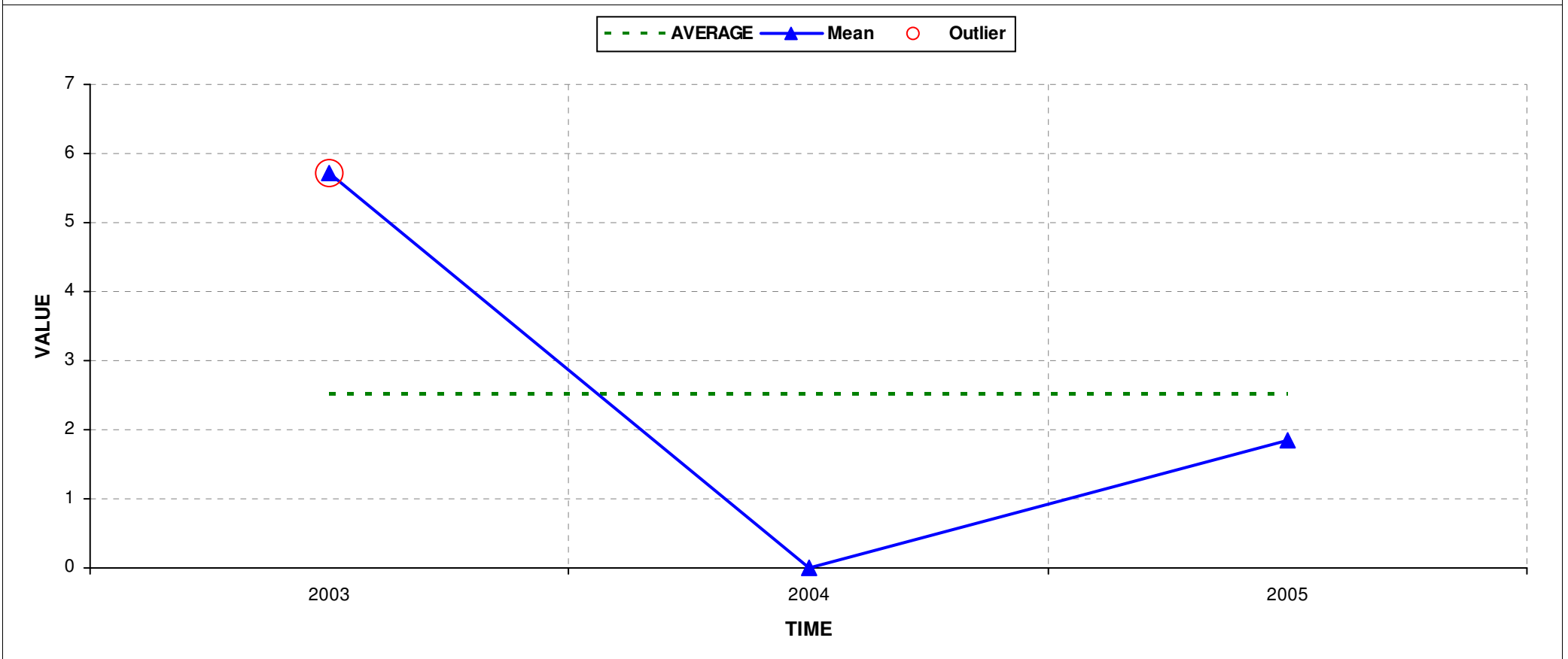
IT\_LK\_84

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 5.724





**Determinand:**

Total Nitrogen

**WaterbaseID:**

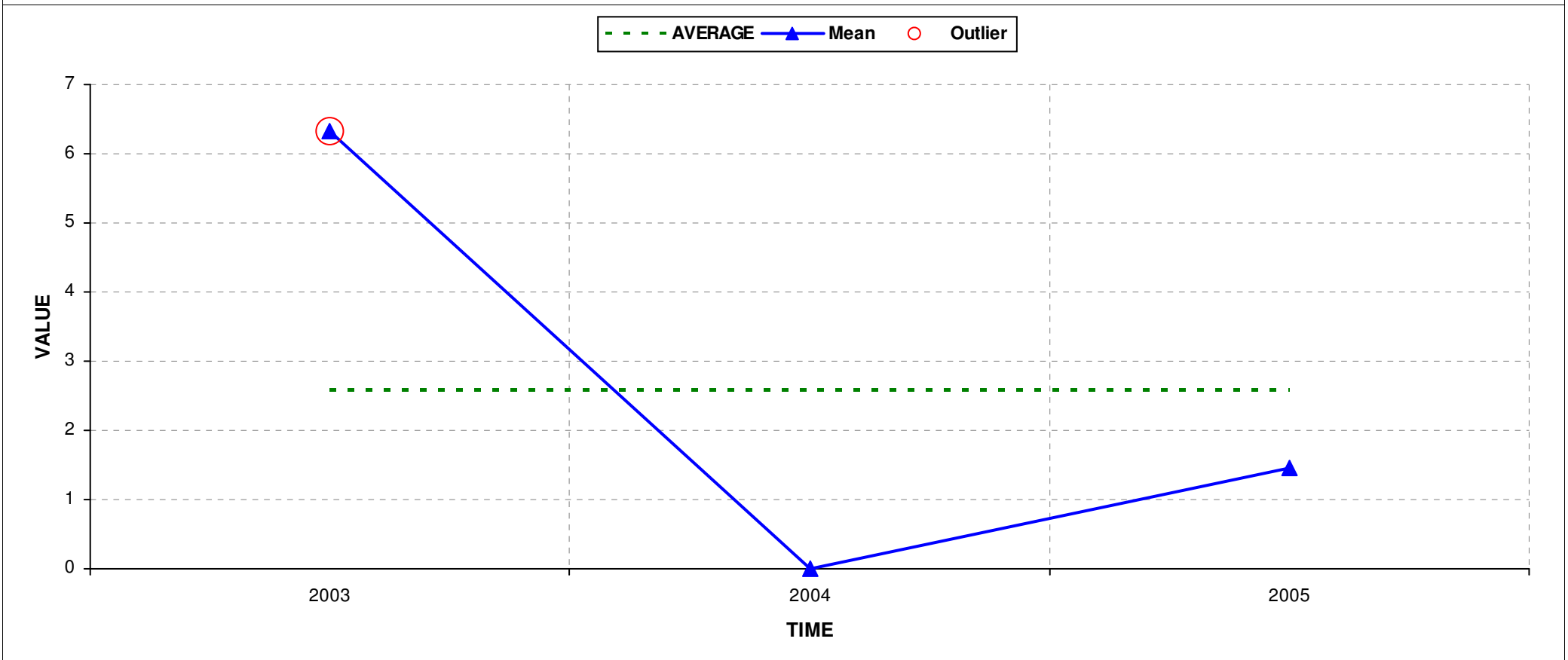
IT\_LK\_85

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2003, mg/l N]: 6.32



**Determinand:**

Total Phosphorus

**WaterbaseID:**

IT\_LK\_161

**AggregationPeriod:**

Annual

**Outlier values ([Year, Unit]: Mean):**

[2005, mg/l P]: 27.98875534

