



Table 6: Confidence Interval dZ by 99% ©NGI

Error	Percentage	Confidence interval	Lower bound	Upper bound
0	0	0	0	0
0,5	30,208333	12,09063907	18,11769427	42,2989724
1	79,166667	10,69386385	68,47280282	89,86053051
1,5	93,75	6,373965909	87,37603409	100,1239659
2	97,916667	3,76089997	94,15576671	101,6775666
2,5	100	0	100	100
3	100	0	100	100
3,5	100	0	100	100

Extras

While making this, format and export files were created for Leica TPS and Trimble GPS. Meanwhile a document in Dutch was composted, explaining the whole program code block by block.



Conclusion

The program meets the requirements of the NGI. It is written in Python and is compatible with Arcgis V9.3 and Arcgis V10. It ensures that uncertain points are not filtered out but can be adjusted manually. The program can perform control on points to polylines and polygons. With the help of this program, the process of quality control can be done much faster and it ensures that human errors are eliminated. The two versions of the program will also ensure that the program can be used now, and that it can be used after an update to ArcGis V10.

“Metiri est scire!”

Jan Vermeiren, Zwijndrecht, July 14th 2012.