Observations

Spring 2013

New! Training Webinars

Later this year we will be launching a series of webinars, to further improve the flexibility of training we can offer. These will be 2 hour sessions, either as a series, or stand alone dealing with particular issues.

These could never replace the value of face-to-face training, however it offers a good alternative when time or budget is tight. People can learn at their desks without the need for time out of the office or travel expenses. Statistics can be a tough subject and taking training in bite-sized chunks can make it easier to absorb, giving participants time to reflect on the key issues.

The latest webinar software includes methods to help improve interaction and allows participants to ask questions.

If you have a topic you'd like to see featured, either as a public event, or designed and run specifically for your company then please let us know.

Look out for updates on the website or linked in, or contact us for further details on info@qistatistics.co.uk

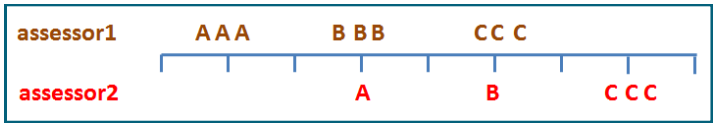
Quicknotes

Ian Wakeling is well known to our clients, he fields technical questions and offers advice on a daily basis. In response to your feedback, in each newsletter we will be featuring a particular topic that commonly provokes questions from our clients.

This time Ian offers some advice on the use of Adjusted Means.

Using Adjusted Means to correct for different sample replication in Sensory Tests.

Owing to missed sessions, Assessor 2 has only provided a single score for products A & B. Since Assessor



2 generally scores 2 units higher than Assessor 1, the simple mean scores for products A & B are half a unit lower than they would be, had all 3 replicates been available. In this situation it is better to correct for the imbalance in the data by using adjusted means. If the simple means are relied on, then the interpretation of results may be wrong since product differences AC and BC would be half a unit larger than they should be!

	Simple Means	Adjusted Means
Prod A	2.5	3.0
Prod B	4.5	5.0
Prod C	7.0	7.0

Breaking News: Qi in partnership with Logic8 from the Netherlands, has been awarded a contract for a major international food company. Logic8 will provide a tailored version of their EyeOpeneR software and Qi will provide statistical support and tailored statistical routines in "R".

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