

Development and validation of a complementary map to enhance the existing 1998 to 2008 Abbreviated Injury Scale map

Additional file 3.

Weighted * and unweighted levels of agreement between AIS codeset pairs, with bias-corrected 95% confidence intervals (CI) and rating †.

I. For Injury Severity Score (ISS) agreement

Datasets being compared	AIS98 & AIS08	AIS08 & Map08	AIS98 & Map98	AIS08 & EMap08	AIS08 & EMap08+F
Unweighted kappa	0.423	0.608	0.675	0.812	0.841
95% CI	0.326 - 0.524	0.515 - 0.711	0.590 - 0.768	0.735 - 0.891	0.763 - 0.909
Rating (Byrt)	Fair	Good	Good	Very good	Very good
Weighted kappa	0.743	0.855	0.912	0.969	0.965
95% CI	0.649 - 0.829	0.752 - 0.922	0.852 - 0.947	0.947 - 0.987	0.938 - 0.985
Rating (Byrt)	Good	Very good	Excellent	Excellent	Excellent

II. For New Injury Severity Score (NISS) agreement

Datasets being compared	AIS98 & AIS08	AIS08 & Map08	AIS98 & Map98	AIS08 & EMap08	AIS08 & EMap08+F
Unweighted kappa	0.340	0.613	0.649	0.687	0.736
95% CI	0.251 - 0.442	0.516 - 0.710	0.557 - 0.743	0.589 - 0.768	0.641 - 0.815
Rating (Byrt)	Slight	Good	Good	Good	Good
Weighted kappa	0.816	0.918	0.968	0.969	0.967
95% CI	0.749 - 0.875	0.864 - 0.953	0.949 - 0.983	0.953 - 0.982	0.944 - 0.982
Rating (Byrt)	Very good	Very good	Excellent	Excellent	Excellent

* As listed in Table 3 of the published paper. One more significant figure is given here.

† Byrt T: **How good is that agreement?** Epidemiology 1996, 7:561.