

### **Representativeness of retest participants**

	$\text{FNR}_{\text{CMP}}$	$\text{TPR}_{\text{PRES}}$	$\text{TNR}_{\text{PRES}}$
Retest (72 examiners)	8.8%	31.4%	72.9%
Multi42 (42 examiners)	6.3%	34.0%	71.8%
Not retested (55 examiners)	6.4%	31.4%	68.2%
Initial test (169 examiners)	7.5%	32.0%	71.2%

Table S3a: Representativeness of the retest participants with respect to the 169 participants whose performance results were previously published. Three rates are shown for each group:  $\text{FNR}_{\text{CMP}}$ , false negative rate among all comparisons performed;  $\text{TPR}_{\text{PRES}}$ , true positive rate among all presentations of mated pairs; and  $\text{TNR}_{\text{PRES}}$ , true negative rate among all presentations of nonmated pairs. Retest participants had a notably higher false negative rate than those who were not retested. Assignment of participants to the retest or the multiple purpose test (*Multi42*) was based on geographic location.