

## Supplementary data

Table 4. Multivariable linear regression analyses of factors associated with surgeon recommendation for reduction after distal radius fracture

Retained patient variables	Coeff. (95% CI)	SE	p-value
Age	-0.002 (-0.005 to 0.001)	0.001	0.2
Men	0.06 (-0.06 to 0.18)	0.06	0.3
AO classification			
23-A	Reference value		
23-C	0.03 (-0.05 to 0.12)	0.04	0.4
Dorsal angulation	0.03 (0.02 to 0.03)	0.004	< 0.0001
AP distance	0.0003 (-0.02 to 0.02)	0.009	1
Radial height	-0.005 (-0.04 to 0.03)	0.02	0.7
Radial inclination	-0.003 (-0.02 to 0.01)	0.008	0.7
Ulnar variance	0.009 (-0.01 to 0.03)	0.01	0.4

Dependent variable is recommending reduction.  
R-squared = 0.57; adjusted R-squared = 0.53  
CI: confidence interval. SE: standard error

Table 5. Interobserver agreement of recommending reduction

Group	Kappa (95% CI)
Combined	0.45 (0.31–0.59)
Without expert-based criteria	0.43 (0.26–0.59)
With expert-based criteria	0.47 (0.33–0.61)