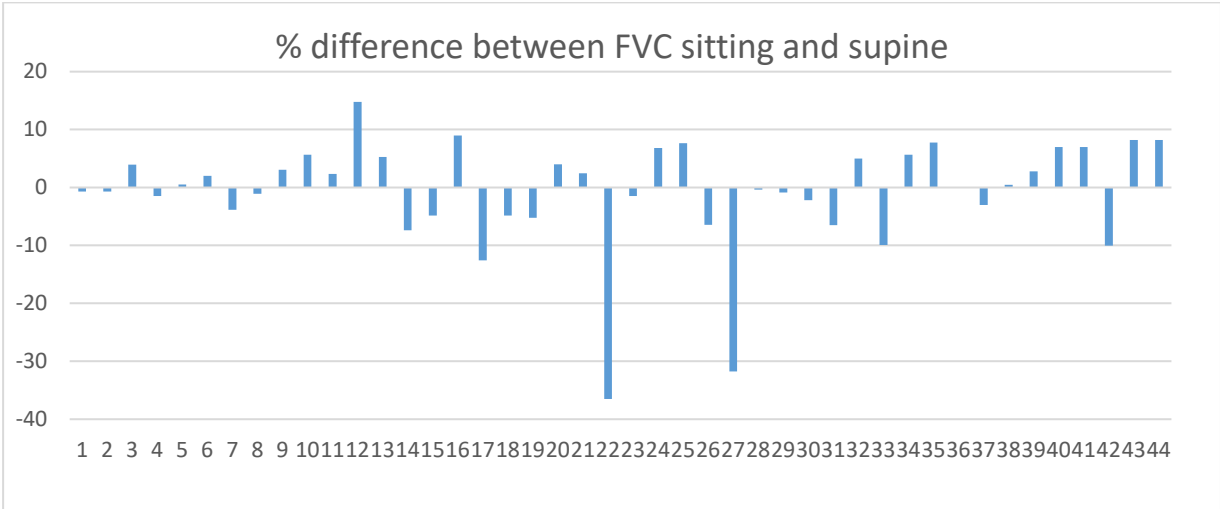


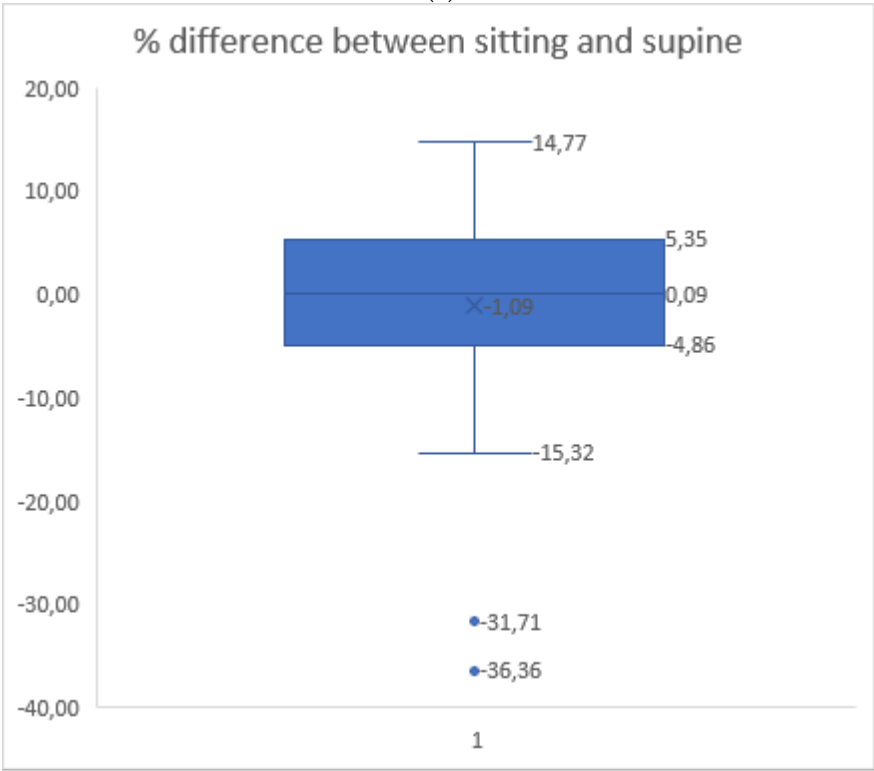
**Table S1.** One-way ANOVA spirometry and degree of correlation with severity of scoliosis.

Variable	Correlation	<i>p</i> -Value
FVC sitting	3.84	0.033
FVC sitting % predicted	3.69	0.037
FVC supine	4.47	0.020
FVC supine % predicted	3.83	0.033
fev1 sitting	2.31	0.118
fev1 sitting % predicted	2.31	0.118
fev1 sup	3.23	0.054
fev1 sup % predicted	2.56	0.095
Tif sitting	0.95	0.397
Tif sup	0.39	0.681
Pef	0.56	0.579
Pcf	3.05	0.063
Pef pcf	1.46	0.250
mip	0.32	0.732
mep	0.77	0.471

**Figure S1.** (A) Sitting - supine FVC values expressed as + or - % for each subject; (B) % difference expressed as mean, median, SD and range (two outliers, subjects 22 and 27 are marked separately as individual points).



(a)



(b)