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Mean	s/\sqrt{n}	Ignores lab uncertainties; Limit of added- variance estimators as dispersion increases
Median	$MAD_e \sqrt{\frac{\pi}{2n}}$	Ignores lab uncertainties; very resistant to outliers.
Weighted mean	$\sqrt{\left(\sum \frac{1}{u(x_i)^2}\right)^{-1}}$	Uses lab uncertainties. Limit of added-variance estimators as excess dispersion decreases. Not recommended
REML, DSL, M-P, V-R	$\sqrt{\left(\sum \frac{1}{u(x_i)^2 + \underline{\tau}^2}\right)^{-1}}$	Uses lab uncertainties Adds a (constant) variance to model excess variation. Recommended when outliers absent
Huber, MM- etc	Based on robust SD or individual weights	Some variants use lab uncertainties Resistant to outliers Excess dispersion accommodated by multiplicative correction







