## S2 Appendix

Linear regression models describe that absolute volume was the main contributor to TL in WER, S-RPE, TRIMP and TRIMPc methods (respectively, R2=0.61, 0.38, 0.70 and 0.74) and relative volumes to RPEalone (R2=0.67). As NeWER and relative volume were strongly correlated R2=1, we excluded the relative volume from the measured parameters in the linear regression model and the main contributor to NeWER was RPEalone (R2=0.66).