Run time and standard deviation (STD) of our proposed vs *Hoare's partitioning algorithm* at $N = 200 \times 10^6$ (Uint32)

c	Proposed (sec)	*Hoare's* (sec)	Proposed STD	*Hoare's* STD
N/2	3.15	**3.14**	0.1662	**0.1367**
N/4	2.57	**2.51**	0.0997	**0.0869**
N/8	**2.24**	2.28	0.0970	**0.0770**
N/16	**2.14**	**2.14**	**0.0591**	0.0658
N/32	**2.14**	**2.14**	**0.0687**	0.0891
N/64	**2.10**	2.15	**0.0649**	0.0796