

Appendix 1 to Percy DB, Streith L, Wong H, et al. Mental toughness in surgeons: Is there room for improvement? *Can J Surg* 2019.

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Appendix 1: Comparison of Mental Toughness Scores
by Resident Post-Graduate Year

	PGY 1-2 (All, n=25)	PGY 3+ (All, n=31)	P
Age (years)	30 ± 6	28 ± 2	0.35
MTD			
Self-belief	85.1 ± 12.0	81.4 ± 13.1	0.36
Attention Regulation	77.7 ± 10.0	78.3 ± 13.7	0.84
Emotion Regulation	72.0 ± 14.3	71.8 ± 14.3	0.98
Success Mind-Set	87.1 ± 13.0	87.1 ± 12.4	0.92
Context Knowledge	73.7 ± 11.4	75.7 ± 10.7	0.44
Buoyancy	76.0 ± 10.6	75.1 ± 14.3	0.80
Optimism	78.9 ± 16.0	75.7 ± 17.1	0.47
Adversity Capacity	79.4 ± 12.4	74.5 ± 21.4	0.30

MTD, mental toughness domain; PGY post-graduate year

Heteroscedastic Student's t-test, $\alpha=0.05$