

Online Resource 5 – Descriptive statistics from pre-lab test scores for students that did or did not read the lab manual

Supplemental Material 5 *Descriptive statistics of pre-lab test scores for students that did or did not prepare with a pre-lab module and claimed to read or not read the lab manual before the lab activity.*

	Read lab manual	N	Mean	S.D
Without Pre-lab module	Yes	7 (8%)	5.14	1.57
	No	48 (58%)	5.06	1.64
	Not determined	28 (34%)	5.43	1.43
With Pre-lab module	Yes	31 (27%)	6.13	1.12
	No	24 (21%)	5.75	1.26
	Not determined	61 (53%)	7.02	1.54

Mean test scores are only shown for students that did or did not read the lab manual. The test was performed at the start of the mapping experiment. Students received scores from 0 (lowest) to 9 (highest). Pre-lab test scores of students that did not answer whether they read the lab manual are presented as 'not determined'.