



(f) Statistical Validation Summary
(Shapiro–Wilk \rightarrow Levene \rightarrow t-test)

Protocol	Δ PDR-E (pp)	p_E	Δ PDR-R (pp)	p_R
LEACH	+11.85	3.0e-11	+12.43	1.0e-38
HEED	+10.75	3.0e-11	+11.32	6.2e-39
PEGASIS	+2.98	3.0e-11	+3.55	5.6e-28
SEP	+12.23	3.0e-11	+12.81	2.5e-37
TEEN	+41.82	3.0e-11	+42.40	6.9e-36