

Supplementary Material 21 Two-way sensitivity analysis by age and efficacy decay of the incremental cost-effectiveness ratios of the SWAL plus desk intervention vs. SWAL only– Ekelund *et al.* (2019) estimates of all-cause mortality risks associated with sedentary behaviour

		Age at intervention										
		30	35	40	45	50	55	60	65	70	75	80
Rate of decay in treatment efficacy per annum	5%	£558.54	£495.06	£434.89	£382.01	£338.08	£300.40	£270.68	£249.27	£233.51	£223.84	£226.52
	10%	£1,512.90	£1,208.02	£971.87	£789.75	£652.72	£540.59	£454.72	£392.29	£342.48	£303.79	£285.24
	15%	£3,212.61	£2,312.63	£1,733.17	£1,336.24	£1,064.43	£848.26	£686.64	£571.94	£478.02	£400.46	£354.54
	20%	£5,971.52	£3,789.37	£2,658.08	£1,960.00	£1,522.87	£1,182.80	£933.55	£764.13	£624.56	£504.02	£428.01
	25%	£11,977.94	£6,104.36	£3,923.21	£2,744.02	£2,082.00	£1,584.03	£1,224.65	£989.48	£798.70	£627.64	£516.41
	30%	£30,589.45	£9,669.90	£5,533.99	£3,641.61	£2,690.89	£2,010.30	£1,526.03	£1,220.97	£977.52	£752.51	£604.49
	35%	Dominated	£16,572.95	£7,866.04	£4,776.44	£3,418.66	£2,506.71	£1,868.31	£1,479.98	£1,179.99	£894.46	£705.36
	40%	Dominated	£32,108.47	£11,012.01	£6,075.37	£4,194.17	£3,018.24	£2,213.20	£1,736.57	£1,379.68	£1,033.50	£804.20
	45%	Dominated	£140,957.92	£16,481.47	£7,850.36	£5,169.91	£3,640.09	£2,620.89	£2,033.49	£1,611.11	£1,194.41	£918.97
	50%	Dominated	Dominated	£26,547.47	£10,123.31	£6,292.37	£4,324.52	£3,054.68	£2,343.71	£1,850.62	£1,358.62	£1,034.64
	55%	Dominated	Dominated	£49,790.30	£13,021.09	£7,548.73	£5,054.40	£3,504.42	£2,657.76	£2,091.78	£1,523.10	£1,150.75
	60%	Dominated	Dominated	£317,929.94	£18,014.23	£9,368.18	£6,041.84	£4,092.14	£3,056.99	£2,395.38	£1,727.41	£1,293.69
	65%	Dominated	Dominated	Dominated	£24,917.89	£11,341.54	£7,037.52	£4,659.93	£3,433.45	£2,677.94	£1,915.70	£1,425.02
	70%	Dominated	Dominated	Dominated	£36,622.36	£13,760.72	£8,157.73	£5,273.62	£3,829.60	£2,971.85	£2,109.41	£1,559.32
	75%	Dominated	Dominated	Dominated	£75,852.62	£18,012.33	£9,888.23	£6,169.24	£4,386.10	£3,379.57	£2,373.23	£1,739.56
	80%	Dominated	Dominated	Dominated	£264,136.39	£22,679.95	£11,513.71	£6,957.98	£4,856.35	£3,718.65	£2,589.25	£1,885.20
	85%	Dominated	Dominated	Dominated	Dominated	£30,770.99	£13,807.47	£7,997.62	£5,452.76	£4,141.72	£2,854.87	£2,063.54
	90%	Dominated	Dominated	Dominated	Dominated	£48,917.51	£17,414.30	£9,467.45	£6,249.14	£4,695.22	£3,194.57	£2,287.19