

Supplementary File 4 – Survey Results (for both Pilot and Main Surveys) Tables

Pilot survey	Q8 Time taken to take test?				Q15 Belief in test result?			Q17 Does TestEd make you feel reassured?			Q20 Change in approach to public health guidelines?		Q27 Experience of TestEd programme?			
	1-2 min.	2-5 min.	5-10 min	>10 min	Yes	No	Unsure	Yes	No	Unsure	Yes	No	Excellent	Good	Fair	Poor
Response options																
Demographics																
Total	223(42.7)	235(45.0)	57(10.9)	7(1.3)	472(90.4)	2(0.4)	48(9.2)	470(90.2)	17(3.3)	34(6.5)	16(3.1)	497(96.9)	408(78.2)	108(20.7)	6(1.2)	0(0.0)
Gender n(%)																
Female	151(45.6)	140(42.3)	37(11.2)	3(0.9)	300(90.6)	1(0.3)	30(9.1)	300(90.9)	8(2.4)	22(6.7)	9(2.8)	317(97.2)	252(76.1)	75(22.7)	4(1.2)	0(0.0)
Male	71(37.4)	95(50.0)	20(10.5)	4(2.1)	171(90.0)	1(0.5)	18(9.5)	168(89.0)	9(4.7)	12(6.3)	7(3.8)	179(96.2)	155(81.6)	33(17.4)	2(1.1)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.128, ϕ_c = 0.103				FET = 0.942, ϕ_c = 0.021			χ^2 = 0.337, ϕ_c = 0.065			χ^2 = 0.502, ϕ_c = 0.030		FET = 0.400, ϕ_c = 0.059			
Age (years) n(%)																
≤19	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)
20-29	77(44.8)	74(43.0)	19(11.1)	2(1.2)	148(86.1)	0(0.0)	24(14.0)	160(93.0)	4(2.3)	8(4.7)	7(4.1)	161(95.8)	134(77.9)	37(21.5)	1(0.6)	0(0.0)
30-39	58(42.0)	66(47.8)	14(10.1)	0(0.0)	123(89.1)	1(0.7)	14(10.1)	124(89.9)	4(2.9)	10(7.3)	1(0.7)	134(99.3)	106(76.8)	29(21.0)	3(2.2)	0(0.0)
40-49	34(41.5)	37(45.1)	9(11.0)	2(2.4)	76(92.7)	1(1.2)	5(6.1)	73(89.0)	4(4.9)	5(6.1)	2(2.4)	80(97.6)	62(75.6)	18(22.0)	2(2.4)	0(0.0)
50-59	38(46.9)	35(43.2)	7(8.6)	1(1.2)	77(95.1)	0(0.0)	4(4.9)	70(86.4)	3(3.7)	8(9.9)	5(6.3)	74(93.7)	65(80.3)	16(19.8)	0(0.0)	0(0.0)
≥60	16(32.7)	23(47.0)	8(16.3)	2(4.1)	48(98.0)	0(0.0)	1(2.0)	43(89.6)	2(4.2)	3(6.3)	1(2.0)	48(98.0)	31(83.7)	8(16.3)	0(0.0)	0(0.0)
Comparison (p-value, ϕ_c)	χ^2 = 0.672, ϕ_c = 0.077				FET = 0.044, ϕ_c = 0.114			FET = 0.789, ϕ_c = 0.063			FET = 0.159, ϕ_c = 0.110		FET = 0.825, ϕ_c = 0.072			
Ethnicity n(%)																
British/Irish/Other white	203(42.8)	213(44.9)	51(10.8)	7(1.5)	432(91.1)	2(0.4)	40(8.4)	424(89.6)	16(3.4)	33(7.0)	11(2.4)	456(97.6)	369(77.9)	100(21.1)	5(1.1)	0(0.0)
Asian/Indian/Pakistani/Bangladeshi/Chinese/Other Asian	12(48.0)	10(40.0)	3(12.0)	0(0.0)	21(84.0)	0(0.0)	4(16.0)	23(92.0)	1(4.0)	1(4.0)	2(8.7)	21(91.3)	19(76.0)	5(20.0)	1(4.0)	0(0.0)
Mixed/Other ethnic/Other black/Caribbean African	8(36.36)	11(50.0)	3(13.6)	0(0.0)	18(82.8)	0(0.0)	4(18.2)	22(100.0)	0(0.0)	0(0.0)	3(13.6)	19(86.4)	19(86.4)	3(13.6)	0(0.0)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.950, ϕ_c = 0.038				FET = 0.264, ϕ_c = 0.062			FET = 0.760, ϕ_c = 0.053			χ^2 = 0.010, ϕ_c = 0.149		FET = 0.499, ϕ_c = 0.052			
Role in the university n(%)																
Staff	171(44.1)	173(44.6)	38(9.8)	6(1.6)	361(93.0)	2(0.5)	25(6.4)	344(88.9)	13(3.4)	30(7.8)	11(2.9)	372(97.1)	310(79.9)	73(18.8)	5(1.3)	0(0.0)
Students	52(38.8)	62(46.3)	19(14.2)	1(0.8)	111(82.8)	0(0.0)	23(17.2)	126(94.0)	4(3.0)	4(3.0)	5(3.9)	125(96.2)	98(73.1)	35(26.1)	1(0.8)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.424, ϕ_c = 0.075				FET = 0.001, ϕ_c = 0.165			FET = 0.160, ϕ_c = 0.085			FET = 0.566, ϕ_c = -0.024		FET = 0.160, ϕ_c = 0.081			
Disability n(%)																
Yes	3(37.5)	4(50.0)	1(12.5)	0(0.0)	8(100.0)	0(0.0)	0(0.0)	8(100.0)	0(0.0)	0(0.0)	1(12.5)	7(87.5)	7(87.5)	1(12.5)	0(0.0)	0(0.0)
No	215(42.7)	226(44.9)	56(11.1)	6(1.2)	453(90.3)	2(0.4)	47(9.3)	453(90.2)	17(3.4)	32(6.4)	14(2.8)	480(97.2)	393(78.1)	104(20.7)	6(1.2)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 1.000, ϕ_c = 0.020				FET = 1.000, ϕ_c = 0.041			FET = 1.000, ϕ_c = 0.041			FET = 0.217, ϕ_c = 0.071		FET = 0.100, ϕ_c = 0.029			

FET = Fisher's exact test, χ^2 = Chi Square test, ϕ_c = Cramer's V

Main survey	Q12				
	Most important motivations for taking part in TestEd?				
Response options	To know Covid-19 status	To prevent infecting other colleagues/students on campus	To prevent infecting friends/family outside campus	To contribute to Covid-19 research	Because other people are using TestEd, so feel I should too
Total	753(38.4)	222(11.3)	619(31.5)	358(18.2)	11(0.6)
Gender n(%)					
Female	442(39.0)	129(11.4)	360(31.8)	196(17.3)	6(0.5)
Male	298(37.5)	87(11.0)	247(31.1)	157(19.8)	5(0.6)
Comparison (p-value, ϕ_c)	FET = 0.719, ϕ_c = 0.033				
Age (years) n(%)					
≤19	16(39.0)	11(26.8)	9(22.0)	5(12.2)	0(0.0)
20-29	232(40.5)	59(10.3)	181(31.6)	95(16.6)	6(1.1)
30-39	184(40.2)	49(10.7)	157(34.3)	67(14.6)	1(0.2)
40-49	134(35.5)	47(12.5)	124(32.9)	71(18.8)	1(0.3)
50-59	132(35.6)	37(10.0)	117(31.5)	84(22.6)	1(0.3)
≥60	55(38.5)	19(13.3)	31(21.7)	36(25.2)	2(1.4)
Comparison (p-value, ϕ_c)	χ^2 = 0.005, ϕ_c = 0.071				
Ethnicity n(%)					
British/Irish/Other white	678(38.4)	196(11.1)	563(31.8)	324(18.3)	7(0.4)
Asian/Indian/Pakistani/Bangladeshi/Chinese/Other Asian	46(43.8)	11(10.5)	28(26.7)	17(16.2)	3(2.9)
Mixed/Other ethnic/Other black/Caribbean African	25(32.1)	12(15.4)	24(30.8)	16(20.5)	1(1.3)
Comparison (p-value, ϕ_c)	FET = 0.092, ϕ_c = 0.063				
Role in the university n(%)					
Staff	538(37.8)	153(10.8)	460(32.4)	264(18.6)	7(0.5)
Students	208(40.0)	67(12.9)	151(29.0)	90(17.3)	4(0.8)
Comparison (p-value, ϕ_c)	FET = 0.361, ϕ_c = 0.046				
Disability n(%)					
Yes	22(43.1)	5(9.8)	14(27.5)	10(19.6)	0(0.0)
No	710(38.3)	204(11.0)	593(32.0)	334(18.0)	11(0.6)
Comparison (p-value, ϕ_c)	FET = 0.905, ϕ_c = 0.024				
Staff role n(%)					
Academic	273(37.6)	67(9.2)	243(33.5)	141(19.4)	2(0.3)
Facilities and estates	40(34.2)	17(14.5)	37(31.6)	21(18.0)	2(1.7)
Administration	94(39.8)	26(11.0)	67(28.4)	49(20.8)	0(0.0)
IT services	32(39.5)	11(13.6)	27(33.3)	11(13.6)	0(0.0)
Comparison (p-value, ϕ_c)	χ^2 = 0.231, ϕ_c = 0.066				

FET = Fisher's exact test, χ^2 = Chi Square test, ϕ_c = Cramer's V

Main survey	Q19				Q20					Q25				
	Time taken to take test?				Convenience to provide test?					Concern about catching Covid prior to joining TestEd?				
Response options	1-2 min.	2-5 min.	5-10 min	>10 min	Very convenient	Convenient	Neutral	Inconvenient	Very inconvenient	Not at all concerned	Slightly concerned	Somewhat concerned	Moderately concerned	Very concerned
Demographics	857(41.8)	948(46.2)	208(10.2)	37(1.8)	1389(67.8)	524(25.6)	105(5.1)	31(1.5)	1(0.1)	131(6.4)	345(16.8)	458(22.3)	680(33.2)	436(21.3)
Total														
Gender n(%)														
Female	489(41.1)	561(47.1)	119(10.0)	21(1.8)	818 (68.7)	291(24.5)	60(5.0)	20(1.7)	1(0.1)	57(6.9)	149(18.1)	191(23.2)	270(32.8)	157(19.1)
Male	356(43.2)	369(44.8)	85(10.3)	14(1.7)	558(67.7)	214 (26.0)	43(5.0)	9(1.1)	0(0.0)	71(6.0)	190(16.0)	257(21.6)	402(33.8)	270(22.7)
Comparison (p-value, ϕ_c)	$\chi^2 = 0.825, \phi_c = 0.022$				FET = 0.732, $\phi_c = 0.035$					$\chi^2 = 0.470, \phi_c = 0.043$				
Age (years) n(%)														
≤19	23(56.1)	16(39.0)	2(4.9)	0(0.0)	19(46.3)	15(36.6)	7(17.1)	0(0.0)	0(0.0)	4(9.8)	9(22.0)	9(22.0)	14(34.2)	5(12.2)
20-29	269(45.7)	266(45.2)	49(8.3)	5(0.9)	360(61.1)	186(31.6)	31(5.3)	12(2.0)	0(0.0)	30(5.1)	94(16.0)	160(27.2)	202(34.3)	103(17.5)
30-39	191(40.1)	222(46.6)	56(11.8)	7(1.5)	305(64.1)	131(27.5)	30(6.3)	10(2.1)	0(0.0)	27(5.7)	72(15.1)	101(21.2)	165(34.7)	111(23.3)
40-49	152(39.0)	193(49.5)	38(9.7)	7(1.8)	282(72.3)	88(22.6)	16(4.1)	4(1.0)	0(0.0)	340(7.7)	74(19.0)	82(21.0)	110(28.2)	94(24.1)
50-59	166(42.0)	177(44.8)	42(10.6)	10(2.5)	298(75.4)	79(20.0)	14(3.5)	31(0.8)	1(0.3)	28(7.1)	65(16.5)	85(21.5)	132(33.4)	85(21.5)
≥60	56(35.2)	74(46.5)	21(13.2)	8(5.0)	125(78.6)	25(15.7)	7(4.4)	2(1.3)	0(0.0)	12(7.6)	31(19.5)	21(13.2)	57(35.9)	38(23.9)
Comparison (p-value, ϕ_c)	$\chi^2 = 0.032, \phi_c = 0.068$				$\chi^2 < 0.001, \phi_c = 0.088$					$\chi^2 = 0.032, \phi_c = 0.065$				
Ethnicity n(%)														
British/Irish/Other white	774(42.0)	852(46.2)	186(10.1)	33(1.8)	1262(68.4)	462(25.0)	93(5.0)	28(1.5)	1(0.1)	124(6.7)	320(17.3)	407(22.1)	622(33.7)	372(20.2)
Asian/Indian/Pakistani/Bangladeshi/ Chinese/Other Asian	50(45.1)	48(43.2)	12(10.8)	1(0.9)	61(55.0)	39(35.1)	9(8.1)	2(1.8)	0(0.0)	2(1.8)	12(10.8)	31(27.9)	36(32.4)	30(27.0)
Mixed/Other ethnic/Other black/Caribbean African	27(32.9)	44(53.7)	9(11.0)	2(2.4)	62(75.6)	17(20.7)	2(2.4)	1(1.2)	0(0.0)	5(6.1)	13(15.9)	15(18.3)	21(25.6)	28(34.2)
Comparison (p-value, ϕ_c)	FET = 0.692, $\phi_c = 0.031$				FET = 0.093, $\phi_c = 0.055$					$\chi^2 = 0.001, \phi_c = 0.081$				
Role in the university n(%)														
Staff	599(40.0)	695(46.5)	170(11.4)	31(2.1)	1055(70.6)	348(23.3)	68(4.6)	23(1.5)	1(0.1)	97(6.5)	259(17.3)	310(20.7)	498(33.3)	331(22.1)
Students	242(45.3)	248(46.4)	38(7.1)	6(1.1)	316(59.2)	173(32.4)	37(7.0)	8(1.5)	0(0.0)	31(5.8)	79(14.8)	143(26.8)	179(33.5)	102(19.1)
Comparison (p-value, ϕ_c)	$\chi^2 = 0.019, \phi_c = 0.072$				FET < 0.001, $\phi_c = 0.112$					$\chi^2 = 0.033, \phi_c = 0.074$				
Disability n(%)														
Yes	19(36.5)	26(50.0)	5(9.6)	2(3.9)	35(67.3)	11(21.2)	5(9.6)	1(2.0)	0(0.0)	0(0.0)	11(21.2)	13(25.0)	14(26.9)	14(26.9)
No	817(42.2)	889(45.9)	196(10.1)	33(1.7)	1318(68.1)	492(25.4)	96(5.0)	28(1.5)	1(0.1)	129(6.7)	327(16.9)	434(22.4)	646(33.4)	399(20.6)
Comparison (p-value, ϕ_c)	FET = 0.409, $\phi_c = 0.037$				FET = 0.561, $\phi_c = 0.024$					FET = 0.180, $\phi_c = 0.058$				
Staff role n(%)														
Academic	308(40.8)	355(47.0)	77(10.2)	15(2.0)	512(67.8)	194(25.7)	37(4.9)	12(1.6)	0(0.0)	54(7.2)	130(17.2)	171(22.7)	260(34.4)	140(18.5)
Facilities and estates	57(41.1)	65(47.1)	14(10.1)	2(1.5)	112(81.2)	21(15.2)	4(2.9)	0(0.0)	1(0.7)	3(2.2)	21(15.2)	21(15.2)	43(31.2)	50(36.2)
Administration	85(34.3)	119(48.0)	37(14.9)	7(2.8)	184(74.2)	52(21.0)	7(2.8)	5(2.0)	0(0.0)	17(6.9)	51(20.6)	44(17.7)	73(29.4)	63(25.4)
IT services	36(43.9)	35(42.7)	10(12.2)	1(1.2)	56(68.3)	19(23.2)	6(7.3)	1(1.2)	0(0.0)	7(8.5)	13(15.9)	22(26.8)	26(31.7)	14(17.1)
Comparison (p-value, ϕ_c)	$\chi^2 = 0.586, \phi_c = 0.046$				$\chi^2 = 0.023, \phi_c = 0.082$					$\chi^2 = 0.004, \phi_c = 0.913$				

FET = Fisher's exact test, χ^2 = Chi Square test, ϕ_c = Cramer's V

Main survey	Q28 Belief in test result?			Q31 Does TestEd make you feel reassured?			Q33 Change in approach to public health guidelines?			Q35 Experience of TestEd programme?			
	Yes	No	Unsure	Yes	No	Unsure	Yes	No	I don't know	Excellent	Good	Fair	Poor
Response options													
Demographics													
Total	1892(92.3)	4(0.2)	154(7.5)	1787(87.2)	99(4.8)	164(8.0)	94(4.6)	1922(93.3)	44(2.2)	1521(74.2)	500(24.4)	28(1.4)	1(0.1)
Gender n(%)													
Female	1118(92.3)	1(0.1)	71(6.0)	1048(88.1)	46(3.9)	96(3.9)	49(4.1)	1117(93.9)	24(2.0)	889(74.7)	288(24.2)	12(1.0)	1(0.1)
Male	741(89.9)	2(0.2)	81(9.8)	708(85.9)	53(6.4)	63(7.7)	44(5.4)	761(92.5)	18(2.2)	611(74.2)	199(24.2)	14(1.7)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.003, ϕ_c = 0.0735			χ^2 = 0.029, ϕ_c = 0.061			χ^2 = 0.244, ϕ_c = 0.038			χ^2 = 0.470, ϕ_c = 0.043			
Age (years) n(%)													
≤19	39(95.1)	0(0.0)	2(4.9)	36(87.8)	0(0.0)	5(12.2)	2(5.0)	36(90.0)	2(5.0)	22(52.7)	17(41.5)	2(4.9)	0(0.0)
20-29	536(91.0)	2(0.3)	51(8.7)	528(89.6)	22(3.7)	39(6.6)	29(4.9)	539(91.5)	21(3.6)	398(67.6)	179(30.4)	11(1.9)	1(0.2)
30-39	437(91.8)	0(0.0)	39(8.2)	406(85.3)	28(5.9)	42(8.8)	25(5.2)	441(92.7)	10(2.1)	328(68.9)	140(29.4)	8(1.7)	0(0.0)
40-49	362(92.8)	1(0.3)	27(7.0)	340(87.2)	22(5.6)	28(7.2)	15(3.9)	372(95.4)	3(0.8)	308(79.0)	80(20.5)	2(0.5)	0(0.0)
50-59	366(92.7)	1(0.3)	28(7.1)	338(85.6)	19(4.8)	38(9.6)	7(1.8)	383(97.0)	5(1.3)	333(84.3)	61(15.4)	1(0.3)	0(0.0)
≥60	152(95.6)	0(0.0)	7(4.4)	139(87.4)	8(5.0)	12(7.6)	16(10.1)	140(88.1)	3(1.9)	132(83.0)	23(14.5)	4(2.5)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.770, ϕ_c = 0.038			χ^2 = 0.326, ϕ_c = 0.054			χ^2 < 0.001, ϕ_c = 0.092			χ^2 < 0.001, ϕ_c = 0.126			
Ethnicity n(%)													
British/Irish/Other white	1711(92.7)	3(0.2)	131(7.1)	1604(86.9)	89(4.8)	152(8.2)	80(4.3)	1729(93.8)	35(1.9)	1390(75.3)	429(23.3)	25(1.4)	1(0.1)
Asian/Indian/Pakistani/Bangladeshi/ Chinese/Other Asian	94(84.7)	0(0.0)	17(15.3)	102(92.0)	3(2.7)	6(5.4)	8(7.2)	96(86.5)	7(6.3)	70(63.1)	41(37.0)	0(0.0)	0(0.0)
Mixed/Other ethnic/Other black/Caribbean African	75(91.5)	1(1.2)	6(7.3)	71(86.6)	6(7.3)	5(6.1)	5(6.1)	75(91.5)	2(2.4)	51(62.2)	28(34.2)	3(3.7)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.005, ϕ_c = 0.069			FET = 0.296, ϕ_c = 0.037			FET = 0.058, ϕ_c = 0.048			FET = 0.001, ϕ_c = 0.070			
Role in the university n(%)													
Staff	1382(92.4)	2(0.1)	111(7.4)	1293(86.5)	78(5.2)	124(8.3)	67(4.5)	1398(93.5)	30(2.0)	1162(77.7)	320(21.4)	13(0.9)	0(0.0)
Students	491(92.0)	2(0.4)	41(7.7)	474(88.8)	21(3.9)	39(7.3)	27(5.1)	492(92.3)	14(2.6)	341(63.9)	177(33.2)	15(2.8)	1(0.2)
Comparison (p-value, ϕ_c)	FET = 1.000, ϕ_c = 0.006			χ^2 = 0.188, ϕ_c = 0.042			χ^2 = 0.627, ϕ_c = 0.022			χ^2 < 0.001, ϕ_c = 0.150			
Disability n(%)													
Yes	51(98.1)	0(0.0)	1(1.9)	47(90.4)	1(1.9)	4(7.7)	4(7.7)	46(88.5)	2(3.9)	34(65.4)	18(34.6)	0(0.0)	0(0.0)
No	1782(92.1)	4(0.2)	149(7.7)	1690(87.3)	94(4.9)	151(7.8)	86(4.5)	1810(93.6)	38(2.0)	1449(74.9)	460(23.8)	25(1.3)	1(0.1)
Comparison (p-value, ϕ_c)	FET = 0.241, ϕ_c = 0.036			FET = 0.757, ϕ_c = 0.022			FET = 0.175, ϕ_c = 0.038			FET = 0.130, ϕ_c = 0.049			
Staff role n(%)													
Academic	690(91.4)	1(0.1)	64(8.5)	657(87.0)	41(5.4)	57(7.6)	22(2.9)	721(95.5)	12(1.6)	593(78.5)	157(20.8)	5(0.7)	0(0.0)
Facilities and estates	132(95.7)	1(0.7)	5(3.6)	121(87.7)	5(3.6)	12(8.7)	19(13.8)	113(81.9)	6(4.4)	111(80.4)	26(18.8)	1(0.7)	0(0.0)
Administration	230(92.7)	0(0.0)	18(7.3)	215(86.7)	9(3.6)	24(9.7)	11(4.4)	235(94.8)	2(0.8)	193(77.8)	54(21.8)	1(0.4)	0(0.0)
IT services	76(92.7)	0(0.0)	6(7.3)	63(76.8)	7(8.5)	12(14.6)	1(1.2)	78(95.1)	3(3.7)	61(74.4)	20(24.4)	1(1.2)	0(0.0)
Comparison (p-value, ϕ_c)	FET = 0.308, ϕ_c = 0.054			FET = 0.105, ϕ_c = 0.067			FET < 0.001, ϕ_c = 0.137			FET = 0.712, ϕ_c = 0.034			

FET = Fisher's exact test, χ^2 = Chi Square test, ϕ_c = Cramer's V

