

Results

ANOVA

ANOVA - Individuals Affected

Cases	Sum of Squares	df	Mean Square	F	p	η^2
Type of Breach	8.049×10 ⁺¹¹	4	2.012×10 ⁺¹¹	3.182	0.013	0.023
Residuals	3.383×10 ⁺¹³	535	6.323×10 ⁺¹⁰			

Note. Type III Sum of Squares

Descriptives

Descriptives - Individuals Affected

Type of Breach	N	Mean	SD	SE	Coefficient of variation
Hacking/IT Incident	362	92859.348	298965.173	15713.261	3.220
Improper Disposal	4	2630.000	2593.111	1296.556	0.986
Loss	12	109237.833	357820.713	103293.943	3.276
Theft	36	7635.833	19907.103	3317.850	2.607
Unauthorized Access/Disclosure	126	10776.730	33705.102	3002.689	3.128

Assumption Checks

Test for Equality of Variances (Levene's)

F	df1	df2	p
7.992	4.000	535.000	< .001

Post Hoc Tests

Standard

Post Hoc Comparisons - Type of Breach

		Mean Difference	95% CI for Mean Difference		SE	t	Cohen's d	95% CI for Cohen's d		Ptukey
			Lower	Upper				Lower	Upper	
(Hacking/IT Incident)	Improper Disposal	90229.348	-255809.663	436268.359	126425.236	0.714	0.359	-1.059	1.776	0.953
	Loss	-16378.485	-218335.849	185578.878	73785.055	-0.222	-0.065	-0.892	0.762	0.999
	Theft	85223.515	-35059.637	205506.667	43945.409	1.939	0.339	-0.155	0.832	0.298
Improper Disposal	(Unauthorized Access/Disclosure)	82082.618	10889.313	153275.923	26010.450	3.156	0.326	0.034	0.619	0.015
	Loss	-106607.833	-503989.816	290774.149	145183.373	-0.734	-0.424	-2.052	1.204	0.948
	Theft	-5005.833	-367764.293	357752.627	132533.681	-0.038	-0.020	-1.506	1.466	1.000
Loss	(Unauthorized Access/Disclosure)	-8146.730	-357709.529	341416.069	127712.651	-0.064	-0.032	-1.464	1.399	1.000
	Theft	101602.000	-127826.595	331030.595	83821.660	1.212	0.404	-0.536	1.344	0.744
	(Unauthorized Access/Disclosure)	98461.103	-109476.219	306398.426	75969.831	1.296	0.392	-0.461	1.244	0.694
Theft	(Unauthorized Access/Disclosure)	-3140.897	-133214.684	126932.890	47522.414	-0.066	-0.012	-0.545	0.520	1.000

Note. P-value and confidence intervals adjusted for comparing a family of 5 estimates (confidence intervals corrected using the tukey method).

