2016 Senate Election Exit Polls versus Vote Count

	DemEP	RepEP	Exit Poll Margin (+ Dem, - Rep)	DemVC	RepVC	Vote Count Margin (+ Dem, - Rep)	Sample Size	**Calculations off of Dem EP and VC Shares**												**Calculations off of Rep EP and VC Shares**												**Odds of 16 out of 20 positive red shifts**
								Dem VC reduction relative to exit poll (+ indicates VC share < EP share for Dem)	Random Sample SD assuming Senate Dem exit poll population proportion	Random Sample with 30% "Cluster Factor" added to Dem SD proportion	95% Confidence Interval (CI) Low value for Dem VC deviation from EP	95% Confidence Interval (CI) High value for Dem VC deviation from EP	90% Confidence Interval (CI) High value for Dem VC deviation from EP	90% Confidence Interval (CI) low value for Dem VC deviation from EP	One tail P value: Probability of Dem VC share if EP is True share	Odds based on Dem one tail Probability: one in x chance	Odds of Dem VC share being smaller than EP share 19 out of 20 times	Rep VC reduction relative to exit poll (+ indicates VC share < EP share for Rep)	Random Sample SD assuming Senate Rep exit poll population proportion	Random Sample with 30% "Cluster Factor" added to Rep VC SD Estimate	95% Confidence Interval (CI) Low value for Rep VC deviation from EP	95% Confidence Interval (CI) High value for Rep VC deviation from EP	90% Confidence Interval (CI) High value for Rep VC deviation from EP	90% Confidence Interval (CI) low value for Rep VC deviation from EP	One tail P value: Probability of Rep VC share if EP is True share	Odds based on Rep one tail Probability: one in x chance	Odds of Rep VC share being larger than EP share 15 out of 20 times	Odds of 20 positive red shifts if probability of one red shift is 0.5
UT (1138)	32.7%	61.9%	-29.2%	27.3%	68.1%	-40.8%	1138	5.4%	1.39%	1.8%	29.2%	36.2%	29.7%	35.7%	0.14%	710	52,429	-6.2%	1.44%	1.9%	58.2%	65.6%	58.9%	65.0%	0.05%	2,166	68	216 Odds
MO (1589)	52.3%	44.8%	7.5%	46.2%	49.4%	-0.2%	1589	6.1%	1.25%	1.6%	49.1%	55.3%	49.6%	55.0%	0.01%	11,082	20	-4.6%	1.25%	1.6%	41.6%	48.0%	42.1%	47.5%	0.23%	438	15,504	4,845
OH (3107)	42.8%	55.7%	-12.9%	36.9%	58.3%	-21.4%	3107	5.9%	0.89%	1.2%	40.5%	45.1%	40.9%	44.7%	0.00%	6,301,062	1,048,576	-2.6%	0.89%	1.2%	53.4%	58.0%	53.8%	57.6%	1.24%	81	1,048,576	1048576
SC (820)	41.2%	56.8%	-15.6%	37.0%	60.5%	-23.5%	820	4.2%	1.72%	2.2%	36.8%	45.6%	37.5%	44.9%	3.01%	33	0.002%	-3.7%	1.73%	2.2%	52.4%	61.2%	53.1%	60.5%	5.00%	20	1.479%	0.462%
WI (2970)	50.7%	46.8%	3.9%	46.3%	50.2%	-3.4%	2970	3.9%	0.92%	1.2%	48.4%	53.0%	48.7%	52.7%	0.05%	1,861		-4.4%	0.92%	1.2%	44.5%	49.1%	44.8%	48.8%	0.21%	467		
CO (1335)	54.1%	44.5%	9.6%	45.4%	3.7%		1335	5.0%	1.36%	1.8%	50.6%	57.6%	51.2%	57.0%	0.24%	417		-0.9%	1.36%	1.8%	41.0%	48.0%	41.6%	47.4%	30.54%	3		
IA (2844)	40.3%	58.7%	-18.4%	35.7%	60.2%	-24.5%	2844	4.6%	0.92%	1.2%	38.0%	42.6%	38.3%	42.3%	0.01%	16,737		-1.6%	0.92%	1.2%	56.2%	61.1%	56.7%	60.7%	10.57%	9		
KY (1037)	45.5%	54.5%	-9.0%	41.7%	57.3%	-16.6%	1037	2.8%	1.55%	2.0%	41.6%	49.4%	42.2%	48.8%	8.18%	12		-2.8%	1.55%	2.0%	50.6%	58.4%	51.2%	57.8%	8.18%	12		
OR (1117)	63.6%	34.9%	28.7%	56.7%	33.6%	23.1%	1117	6.9%	1.44%	1.9%	59.9%	67.3%	60.5%	66.7%	0.01%	8,808		1.3%	1.43%	1.9%	31.3%	38.5%	31.9%	37.9%	24.16%	4		
NC (3904)	47.5%	48.0%	-0.6%	45.3%	51.1%	-5.8%	3904	2.2%	0.80%	1.0%	46.1%	49.5%	46.3%	49.2%	1.71%	58		-3.1%	0.80%	1.0%	46.0%	50.0%	46.3%	49.7%	0.14%	699		
WA (1011)	62.2%	35.8%	26.4%	60.4%	39.7%	20.6%	1011	1.9%	1.52%	2.0%	58.3%	66.1%	58.9%	65.5%	16.89%	6		-3.9%	1.51%	2.0%	32.0%	39.6%	32.6%	39.0%	2.33%	43		
PA (2535)	50.0%	47.1%	2.9%	47.2%	48.9%	-1.7%	2535	2.8%	0.99%	1.3%	47.1%	52.5%	47.9%	52.1%	1.50%	66		-1.8%	0.99%	1.3%	46.6%	49.6%	45.0%	49.2%	8.13%	12		
IL (707)	57.6%	38.9%	18.7%	54.4%	40.2%	14.2%	707	3.2%	1.86%	2.4%	52.9%	62.3%	53.6%	61.6%	9.27%	11		-1.3%	1.83%	2.4%	34.2%	43.6%	35.0%	42.8%	29.27%	3		
FL (3828)	46.7%	50.8%	-4.1%	44.3%	52.0%	-7.7%	3828	2.4%	0.81%	1.0%	44.6%	48.8%	45.0%	48.4%	1.10%	91		-1.2%	0.81%	1.1%	48.7%	52.9%	49.1%	52.5%	12.66%	8		
NH (2643)	50.3%	46.8%	3.5%	46.0%	47.9%	0.1%	2643	2.3%	0.97%	1.3%	47.8%	52.8%	48.2%	52.4%	3.44%	29		-1.1%	0.97%	1.3%	44.3%	49.3%	44.7%	48.9%	19.17%	5		
GA (2541)	41.3%	53.2%	-11.9%	40.8%	55.0%	-16.2%	2541	0.5%	0.98%	1.3%	38.5%	43.8%	39.2%	43.4%	34.69%	3		-1.8%	0.99%	1.3%	50.7%	55.7%	51.1%	55.3%	8.09%	12		
NV (2390)	47.6%	45.4%	2.2%	44.7%	2.4%		2390	0.6%	1.02%	1.3%	45.0%	50.2%	45.4%	49.8%	35.33%	3		0.7%	1.02%	1.3%	42.8%	48.0%	43.2%	47.6%	29.85%	3		
AZ (1726)	42.6%	54.9%	-12.3%	41.2%	53.2%	-12.1%	1726	1.4%	1.19%	1.5%	39.6%	46.6%	40.1%	45.1%	18.28%	5		1.6%	1.20%	1.5%	51.8%	58.0%	52.3%	57.5%	15.21%	7		
NY (1220)	69.3%	28.9%	40.4%	70.4%	27.4%	43.0%	1220	-1.1%	1.32%	1.7%	65.9%	72.7%	66.5%	72.1%	26.08%	4		1.5%	1.30%	1.7%	25.4%	32.3%	26.1%	31.7%	18.70%	5		
IN (1676)	42.8%	55.7%	-12.9%	42.4%	52.1%	-9.7%	1676	0.4%	1.21%	1.6%	39.7%	45.9%	40.2%	45.4%	39.95%	3		3.6%	1.30%	1.6%	52.6%	58.8%	53.1%	58.3%	1.12%	89		