

Supplementary Table 1: Clinicodemographic Factors

Characteristic	Interaction in Logistic Model Pv^2	Cochran Armitage Pv^2	2010 ³	2011 ³	2012 ³	2013 ³	2014 ³	2015 ³	2016 ³	2017 ³	2018 ³	2019 ³	2020 ³
Age<45	0.45	<0.001											
<i>OVconserv=No</i>			7(64%)	11(79%)	2(33%)	9(64%)	10(77%)	10(83%)	16(70%)	6(60%)	9(36%)	9(35%)	4(24%)
<i>OVconserv=Yes</i>			4(36%)	3(21%)	4(67%)	5(36%)	3(23%)	2(17%)	7(30%)	4(40%)	16(64%)	17(65%)	13(76%)
Age>45		0.002											
<i>OVconserv=No</i>			11(100%)	11(92%)	10(91%)	24(92%)	16(100%)	11(100%)	19(100%)	19(95%)	11(73%)	15(75%)	12(75%)
<i>OVconserv=Yes</i>			0(0%)	1(8.3%)	1(9.1%)	2(7.7%)	0(0%)	0(0%)	0(0%)	1(5.0%)	4(27%)	5(25%)	4(25%)
Race													
White	0.67	0.014											
<i>OVconserv=No</i>			11(85%)	16(84%)	7(78%)	22(85%)	17(100%)	11(92%)	20(100%)	14(100%)	9(64%)	13(65%)	10(59%)
<i>OVconserv=Yes</i>			2(15%)	3(16%)	2(22%)	4(15%)	0(0%)	1(8.3%)	0(0%)	0(0%)	5(36%)	7(35%)	7(41%)
Non-White		0.09											
<i>OVconserv=No</i>			3(60%)	5(100%)	4(57%)	9(75%)	7(70%)	7(88%)	10(67%)	5(56%)	9(75%)	7(44%)	6(55%)
<i>OVconserv=Yes</i>			2(40%)	0(0%)	3(43%)	3(25%)	3(30%)	1(12%)	5(33%)	4(44%)	3(25%)	9(56%)	5(45%)
BMI													
Normal	0.87	0.005											
<i>OVconserv=No</i>			4(67%)	4(67%)	3(60%)	8(89%)	7(88%)	6(100%)	12(80%)	7(88%)	6(46%)	5(38%)	3(30%)
<i>OVconserv=Yes</i>			2(33%)	2(33%)	2(40%)	1(11%)	1(12%)	0(0%)	3(20%)	1(12%)	7(54%)	8(62%)	7(70%)
Overweight/ Obese		<0.001											

Characteristic	Interaction in Logistic Model Pv ¹	Cochran Armitage Pv ²	2010 ³	2011 ³	2012 ³	2013 ³	2014 ³	2015 ³	2016 ³	2017 ³	2018 ³	2019 ³	2020 ³
<i>OVconserv=No</i>			14(88%)	16(89%)	9(75%)	22(79%)	15(88%)	14(88%)	23(85%)	18(82%)	13(52%)	19(58%)	11(55%)
<i>OVconserv=Yes</i>			2(12%)	2(11%)	3(25%)	6(21%)	2(12%)	2(12%)	4(15%)	4(18%)	12(48%)	14(42%)	9(45%)
Insurance													
Commercial	0.45	0.041											
<i>OVconserv=No</i>			9(75%)	15(83%)	6(55%)	23(79%)	14(88%)	9(90%)	20(83%)	13(100%)	12(55%)	13(54%)	14(64%)
<i>OVconserv=Yes</i>			3(25%)	3(17%)	5(45%)	6(21%)	2(12%)	1(10%)	4(17%)	0(0%)	10(45%)	11(46%)	8(36%)
Medicaid/Selfpay		0.20											
<i>OVconserv=No</i>			1(100%)	0(NA%)	0(NA%)	1(100%)	2(100%)	4(80%)	3(100%)	2(67%)	2(100%)	5(62%)	1(100%)
<i>OVconserv=Yes</i>			0(0%)	0(NA%)	0(NA%)	0(0%)	0(0%)	1(20%)	0(0%)	1(33%)	0(0%)	3(38%)	0(0%)
Marital Status													
Partnered	0.08	0.12											
<i>OVconserv=No</i>			9(69%)	12(80%)	7(64%)	19(90%)	19(95%)	12(92%)	22(81%)	12(92%)	12(71%)	13(59%)	11(65%)
<i>OVconserv=Yes</i>			4(31%)	3(20%)	4(36%)	2(9.5%)	1(5.0%)	1(7.7%)	5(19%)	1(7.7%)	5(29%)	9(41%)	6(35%)
Single / Widowed / Divorced		<0.001											
<i>OVconserv=No</i>			5(100%)	9(100%)	4(80%)	13(72%)	5(83%)	7(88%)	10(100%)	6(100%)	8(53%)	7(50%)	5(50%)
<i>OVconserv=Yes</i>			0(0%)	0(0%)	1(20%)	5(28%)	1(17%)	1(12%)	0(0%)	0(0%)	7(47%)	7(50%)	5(50%)

¹This pvalue is obtained through logistic model with interaction between surgery year and corresponding variable.²This pvalue is obtained using Cochran-Armitage trend test.³Statistics presented: n(%)