

1 **Supplemental Table 1: Patients Characteristics**

		primary cytoreductive surgery	neoadjuvant chemotherapy	p-value*
Age (mean)		59	64	<2x10 <sup>-16</sup>
		N (%)	N (%)	
Charlson Index				9.4x10 <sup>-6</sup>
	0	21816 (81.7)	7914 (80.1)	
	1	4029 (15.1)	1569 (15.9)	
	2	693 (2.6)	301 (3)	
	>2	179 (0.7)	101 (1)	
Year of Diagnosis				<2x10 <sup>-16</sup>
	2006	2106	389	
	2007	2391	446	
	2008	2510	540	
	2009	2533	672	
	2010	2630	785	
	2011	2807	920	
	2012	2795	1164	
	2013	3096	1457	
	2014	2968	1665	
	2015	2881	1847	
Histology Grade				<2x10 <sup>-16</sup>
	Low	994 (4.2)	105 (1.5)	
	High	22473 (95.8)	6765 (98.5)	
Location of treatment**				0.661
	Rural	473 (1.8)	181 (1.9)	
	Metropolitan	21661 (82.5)	7963 (83.6)	
	Urban	3667 (14.0)	1386 (14.5)	<2x10 <sup>-16</sup>
Histology Type				<2x10 <sup>-16</sup>
	Mucinous	768 (2.9)	94 (1.0)	
	Other epithelial	25949 (97.1)	9791 (99.0)	
FIGO Stage				<2x10 <sup>-16</sup>
	III	20719 (77.5)	5647 (57.1)	
	IV	5998 (22.5)	4238 (42.9)	
Residual disease after surgery				<2x10 <sup>-16</sup>
	R0	10104 (56.1)	4169 (65.4)	
	R1	7910 (43.9)	2203 (34.6)	
30 days Mortality after				4.2x10 <sup>-13</sup>

<b>surgery</b>				
	<b>Alive</b>	<b>23286 (99.7)</b>	<b>7788 (99)</b>	
	<b>Dead</b>	<b>74 (0.3)</b>	<b>80 (1)</b>	
<b>90 days Mortality after surgery</b>				<b>0.005</b>
	<b>Alive</b>	<b>22802 (97.8)</b>	<b>7612 (97.3)</b>	
	<b>Dead</b>	<b>503 (2.2)</b>	<b>212 (2.7)</b>	

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3 \*Univariate logistic regression analysis

4 \*\*Classification of location of treatment center: Rural: located in a pure rural county;  
 5 Metropolitan: treatment center located in the county of a metropolitan area; Urban: center  
 6 located in a urban area.

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