

**Supplementary Table 5.** Effect of possible factors for medical costs after excluding appendectomy and cholecystectomy cases

Factor	Total medical cost (n = 603)				Non-covered medical cost (n = 596)			
	$\beta$	SE	$\beta$	SE	$\beta$	SE	$\beta$	SE
Age group	712,375.937	453,898.131	1.569	0.117	169,024.189	62,735.465	2.694	0.007
ASA PS classification	1,568,778.052	436,149.887	3.597	<0.001	106,899.136	60,256.381	1.774	0.077
Type of operation	1,464,307.996	262,787.002	5.572	<0.001	92,388.788	36,274.889	2.547	0.011
Sepsis	10,837,456.169	1,696,918.590	6.387	<0.001	349,895.314	232,230.034	1.507	0.132
Complications	14,328,726.613	1,041,101.196	13.763	<0.001	1,074,322.041	144,102.939	7.455	<0.001
Constant	-3,733,034.204	1,629,735.585	-2.291	0.022	-31,792.844	225,223.969	-0.141	0.888

SE, standard error; ASA PS, American Society of Anesthesiologists physical status.

Adjusted  $R^2 = 0.417$ ,  $F = 87.022$  ( $P < 0.001$ ) for total medical cost; adjusted  $R^2 = 0.166$ ,  $F = 24.4$  ( $P < 0.001$ ) for non-covered medical cost.