Supplementary Table 5. Cox Proportional Hazards Model (Unmatched Cohort) of the Covariates

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|  | **Associations with lymphedema during the 4-y follow-up** |
| **Covariates** | **Model 1 (unadjusted)** | **Model 2** | **Model 3** | **Model 4** |
|  | **HR (95% CI)** | **HR (95% CI)** | **HR (95% CI)** | **HR (95% CI)** |
| ACU treatment (vs. No) |  |  |  |  |
| Yes | 0.827 (0.724-0.945) | 0.843 (0.738-0.964) | 0.871 (0.762-0.995) | 0.869 (0.760-0.993) |
| Type of surgery (vs. ALND) |  |  |  |  |
| Reoperation within 0-2 months |  | 0.995 (0.784-1.263) | 0.983 (0.774-1.247) | 0.982 (0.774-1.246) |
| SLNB |  | 0.366 (0.326-0.410) | 0.365 (0.326-0.410) | 0.365 (0.325-0.410) |
| Sex |  |  |  |  |
| Male |  |  | 0.157 (0.039-0.628) | 0.157 (0.039-0.626) |
| Age (vs. < 35) |  |  |  |  |
| 35-44 |  |  | 0.899 (0.771-1.047) | 0.898 (0.771-1.047) |
| 45-54 |  |  | 0.867 (0.747-1.006) | 0.865 (0.745-1.003) |
| 55-64 |  |  | 0.920 (0.789-1.073) | 0.912 (0.782-1.065) |
| 65-74 |  |  | 0.725 (0.608-0.865) | 0.716 (0.600-0.854) |
| 75-84 |  |  | 0.545 (0.416-0.713) | 0.534 (0.407-0.701) |
| 85 ≤ |  |  | 0.404 (0.150-1.087) | 0.398 (0.148-1.072) |
| Income quintile (vs. 3rd quintile) |  |  |  |  |
| 1st  |  |  | 1.004 (0.833-1.212) | 0.997 (0.827-1.203) |
| 2nd  |  |  | 0.945 (0.858-1.041) | 0.945 (0.858-1.041) |
| 4th  |  |  | 0.885 (0.806-0.972) | 0.885 (0.806-0.971) |
| 5th  |  |  | 0.853 (0.783-0.930) | 0.854 (0.783-0.931) |
| CCI (vs. 0) |  |  |  |  |
| 1-2 |  |  |  | 1.079 (0.981-1.188) |
| 3- |  |  |  | 1.044 (0.871-1.250) |