

Table S1. numbers of patients treated with immunotherapy.

| Year | <65 | | 65-75 | | >75 | |
|------|-----|--------|-------|--------|-----|--------|
| | n | (%) | n | (%) | n | (%) |
| 2000 | 6 | (11.8) | 0 | (0.0) | 0 | (0.0) |
| 2001 | 4 | (7.0) | 0 | (0.0) | 0 | (0.0) |
| 2002 | 3 | (4.3) | 0 | (0.0) | 0 | (0.0) |
| 2003 | 1 | (1.5) | 1 | (4.8) | 0 | (0.0) |
| 2004 | 1 | (1.6) | 0 | (0.0) | 0 | (0.0) |
| 2005 | 1 | (1.3) | 0 | (0.0) | 0 | (0.0) |
| 2006 | 1 | (1.6) | 0 | (0.0) | 0 | (0.0) |
| 2007 | 2 | (2.6) | 0 | (0.0) | 0 | (0.0) |
| 2008 | 1 | (1.3) | 0 | (0.0) | 0 | (0.0) |
| 2009 | 1 | (1.2) | 0 | (0.0) | 0 | (0.0) |
| 2010 | 4 | (4.1) | 1 | (3.1) | 1 | (3.2) |
| 2011 | 9 | (10.2) | 0 | (0.0) | 0 | (0.0) |
| 2012 | 5 | (7.1) | 1 | (2.3) | 1 | (2.9) |
| 2013 | 5 | (6.8) | 3 | (7.0) | 0 | (0.0) |
| 2014 | 22 | (25.3) | 12 | (25.0) | 2 | (5.6) |
| 2015 | 37 | (39.4) | 21 | (43.8) | 8 | (23.5) |
| 2016 | 30 | (34.1) | 17 | (27.9) | 14 | (31.8) |
| 2017 | 32 | (42.7) | 23 | (37.7) | 7 | (13.5) |
| 2018 | 44 | (50.0) | 31 | (50.8) | 18 | (35.3) |

Table S2. numbers of patients treated with targeted therapy.

| Year | <65 | | 65-75 | | >75 | |
|------|-----|--------|-------|--------|-----|--------|
| | n | (%) | n | (%) | n | (%) |
| 2000 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2001 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2002 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2003 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2004 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2005 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2006 | 1 | (1.6) | 0 | (0.0) | 0 | (0.0) |
| 2007 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2008 | 1 | (1.3) | 0 | (0.0) | 0 | (0.0) |
| 2009 | 0 | (0.0) | 0 | (0.0) | 0 | (0.0) |
| 2010 | 1 | (1.0) | 0 | (0.0) | 0 | (0.0) |
| 2011 | 7 | (8.0) | 1 | (2.6) | 0 | (0.0) |
| 2012 | 9 | (12.9) | 8 | (18.2) | 5 | (14.7) |
| 2013 | 18 | (24.3) | 9 | (20.9) | 2 | (5.9) |
| 2014 | 25 | (28.7) | 9 | (18.8) | 4 | (11.1) |
| 2015 | 25 | (26.6) | 13 | (27.1) | 4 | (11.8) |
| 2016 | 27 | (30.7) | 14 | (23.0) | 3 | (6.8) |
| 2017 | 27 | (36.0) | 9 | (14.8) | 5 | (9.6) |
| 2018 | 25 | (28.4) | 13 | (21.3) | 5 | (9.8) |