

胃癌学会全国登録解析結果報告 —2013年EMR/ESD症例—

1. 登録施設 計192施設

北海道

独立行政法人国立病院機構・北海道がんセンター 市立函館病院 日鋼記念病院 市立室蘭総合病院 国家公務員共済組合連合会斗南病院 北海道大学病院
KKR札幌医療センター 恵佑会第2病院 銀河労災病院 社会医療法人母恋天使病院 北見赤十字病院

東北

青森県立中央病院 三沢市立三沢病院 弘前大学大学院医学研究科 岩手医科大学 岩手県立中央病院 大館市立総合病院 仙台厚生病院 大崎市民病院
東北大学病院 宮城県立がんセンター 東北労災病院 独立行政法人国立病院機構仙台医療センター 石巻赤十字病院 財団法人三友堂病院
福島県立医科大学

北陸

済生会新潟病院 新潟臨港病院 市立砺波総合病院 石川県立中央病院 金沢大学附属病院 福井県立病院 福井赤十字病院

関東

前橋赤十字病院 群馬県済生会前橋病院 群馬大学 JCHO 群馬中央病院 SUBARU健康保険組合太田記念病院 獨協医科大学埼玉医療センター
上尾中央総合病院 上福岡総合病院 栃木県立がんセンター 国立病院機構宇都宮病院 済生会宇都宮病院 那須赤十字病院 友愛記念病院 北茨城市民病院
筑波大学附属病院 水戸赤十字病院 独立行政法人国立病院機構・千葉医療センター 千葉大学医学部附属病院 国立がん研究センター東病院
柏厚生総合病院 千葉德州会病院 川崎市立川崎病院 北里大学病院 横浜市立大学附属市民総合医療センター 横浜市立市民病院
独立行政法人国立病院機構横浜医療センター 済生会横浜市南部病院 国立病院機構相模原病院 衣笠病院 大船中央病院 伊勢原協同病院
済生会横浜市東部病院 (医) 社団哺育会桜ヶ丘中央病院 日本大学病院 国立がん研究センター中央病院 東京慈恵会医科大学 東京大学医学部附属病院
がん・感染症センター都立駒込病院 東京女子医科大学東医療センター 東京都立墨東病院 がん研有明病院 (独) 国立病院機構東京医療センター
東京医科大学病院 慶應義塾大学病院 杏林大学病院 公立昭和病院 東京都済生会中央病院 河北総合病院 東京都立大塚病院
社会医療法人社団慈生会等潤病院 順天堂大学練馬病院 国家公務員共済組合連合会 東京共済病院 三井記念病院 国家公務員共済組合連合会立川病院

甲信

社会医療法人財団慈泉会相澤病院 長野市民病院 JA長野厚生連佐久総合病院佐久医療センター JA長野厚生連南長野医療センター篠ノ井総合病院

東海

静岡県立総合病院 沼津市立病院 聖隸浜松病院 浜松医科大学 磐田市立総合病院 聖隸富士病院 岐阜大学医学部 朝日大学病院
愛知県がんセンター中央病院 愛知医科大学病院 名古屋市立西部医療センター 江南厚生病院 四日市市立四日市病院 名古屋第一赤十字病院

近畿

滋賀県立総合病院 住友病院 田附興風会医学研究所北野病院 大阪市立総合医療センター 大阪府済生会野江病院 大阪国際がんセンター 箕面市立病院
市立吹田市民病院 関西医科大学附属病院 パナソニック健康保険組合松下記念病院 市立ひらかた病院 大阪中央病院 市立貝塚病院 景岳会南大阪病院
高槻赤十字病院 ベルランド総合病院 医療法人春秋会城山病院 医療法人仙養会北摂総合病院 京都府立医科大学 京都大学医学部附属病院
社会福祉法人恩賜財団済生会中和病院 市立奈良病院 和歌山県立医科大学 宝塚市立病院 市立伊丹病院 兵庫県立丹波医療センター
社会医療法人財団聖フランシスコ会姫路聖マリア病院 兵庫県立がんセンター 地方独立行政法人加古川市民病院機構加古川中央市民病院
神戸大学医学部附属病院 赤穂市民病院 一般財団法人甲南会甲南医療センター 市立長浜病院

中国

鳥取大学医学部附属病院 岡山大学病院 倉敷中央病院 総合病院水島協同病院 岡山ろうさい病院 チクバ外科・胃腸科・肛門科病院
川崎医科大学総合医療センター 独立行政法人国立病院機構福山医療センター 広島大学病院 広島記念病院 広島共立病院
一般財団法人防府消化器病センター防府胃腸病院

四国

三豊総合病院 四国がんセンター 愛媛県立新居浜病院 徳島赤十字病院 高知赤十字病院 高知医療センター

九州

製鉄記念八幡病院 国立病院機構九州がんセンター 福岡歯科大学医科歯科総合病院 社会医療法人財団池友会福岡和白病院 福岡山王病院
社会医療法人社団至誠会木村病院 戸畠共立病院 芦屋中央病院 地方独立行政法人大牟田市立総合病院 一般社団法人朝倉医師会朝倉医師会病院
佐賀大学医学部附属病院 長崎大学病院 佐世保市総合医療センター 佐世保共済病院 井上病院 長崎県対馬病院 熊本地域医療センター
熊本大学医学部附属病院 熊本労災病院 荒尾市民病院 独立行政法人国立病院機構大分医療センター 大分大学医学部附属病院 大分県厚生連鶴見病院
天心堂へつぎ病院 医療法人慈恵会西田病院 大分岡病院 大分中村病院 古賀総合病院 鹿児島大学病院 公益法人鹿児島共済会南風病院
公益社団法人出水郡医師会広域医療センター 済生会川内病院

沖縄

琉球大学医学部附属病院 社会医療法人敬愛会中頭病院

2. 症例数 9,705 例

3. 対象症例

登録対象は 2013 年 1 月から 12 月末までの胃がん EMR/ESD 症例

4. 解析方法

5年生存率は、Kaplan-Meier 法により推定した。解析ソフトウェアは SPSS Ver. 24.0 を用いた。

5. 表中の略語の説明

| | |
|------------------------|---|
| direct death | : direct death within 30 postoperative days |
| primary disease | : cause of death primary disease |
| local rec. | : local recurrence |
| lymph node. | : lymph node recurrence |
| peritoneal | : peritoneal recurrence |
| liver rec. | : liver recurrence |
| R | : recurrence of unknown site |
| unknown | : cause of death unknown |

All Patients

| | | |
|---|---------------------|---------------|
| Age | mean±SD | 72.0 ±8.941 |
| | -39 | 27 (0.3%) |
| | 40-59 | 754 (7.8%) |
| | 60-79 | 6,923 (71.3%) |
| | 80- | 2,001 (20.6%) |
| Sex | Male | 7,263 (74.8%) |
| | Female | 2,442 (25.2%) |
| Prior endoscopic treatment | - | 9,409 (97.0%) |
| | + | 292 (3.0%) |
| | Unknown | 4 (0.0%) |
| Stomach condition | Normal stomach | 9,333 (96.2%) |
| | Remnant stomach | 305 (3.1%) |
| | Gastric tube | 65 (0.7%) |
| | Unknown | 2 (0.0%) |
| Tumor location | U | 1,575 (16.3%) |
| | M | 3,605 (37.1%) |
| | L | 4,503 (46.4%) |
| | Unknown | 22 (0.2%) |
| Cross-sectional parts | Less | 4,017 (41.4%) |
| | Gre | 2,005 (20.7%) |
| | Ant | 1,630 (16.8%) |
| | Post | 1,981 (20.4%) |
| | Unknown | 72 (0.7%) |
| Macroscopic type | Depressed type | 5,165 (53.2%) |
| | Elevated type | 3,627 (37.4%) |
| | Mixed type | 846 (8.7%) |
| | Others | 17 (0.2%) |
| | Unknown | 50 (0.5%) |
| Method of endoscopic resection | ESD | 9,572 (98.6%) |
| | EMR | 129 (1.3%) |
| | Others | 4 (0.1%) |
| En-bloc or piecemeal resection | En-bloc resection | 9,585 (98.8%) |
| | Piecemeal resection | 113 (1.1%) |
| | Unknown | 7 (0.1%) |
| Bleeding requiring emergency surgery | Presence | 51 (0.5%) |
| | Absence | 9,648 (99.4%) |
| | Unknown | 6 (0.1%) |
| Perforation requiring emergency surgery | Presence | 27 (0.3%) |
| | Absence | 9,667 (99.6%) |
| | Unknown | 11 (0.1%) |
| Histological type | pap | 191 (2.0%) |
| | tub1 | 7,617 (78.3%) |
| | tub2 | 1,368 (14.1%) |
| | por | 228 (2.4%) |
| | sig | 239 (2.5%) |
| | muc | 5 (0.1%) |
| | Others | 41 (0.4%) |
| | Inconclusive | 7 (0.1%) |
| | Unknown | 6 (0.1%) |
| | Data unavailable | 3 (0.0%) |

| | | |
|---|--|----------------|
| Depth of tumor invasion | M | 8,209 (84.6%) |
| | SM1 | 693 (7.1%) |
| | SM2 or deeper than SM2 | 759 (7.9%) |
| | Others | 11 (0.1%) |
| | Inconclusive | 13 (0.1%) |
| | Unknown | 20 (0.2%) |
| Lymphatic invasion(ly) | - | 9,151 (94.2%) |
| | + | 482 (5.0%) |
| | Inconclusive | 27 (0.3%) |
| | Unknown | 45 (0.5%) |
| Venous invasion(v) | - | 9,335 (96.1%) |
| | + | 301 (3.1%) |
| | Inconclusive | 25 (0.3%) |
| | Unknown | 44 (0.5%) |
| UL | - | 8,253 (85.0%) |
| | + | 880 (9.1%) |
| | Inconclusive | 112 (1.2%) |
| | Unknown | 460 (4.7%) |
| Horizontal margin | HM0 | 9,226 (95.1%) |
| | HM1 | 226 (2.3%) |
| | HMX | 253 (2.6%) |
| Vertical margin | VM0 | 9,303 (95.9%) |
| | VM1 | 227 (2.3%) |
| | VMX | 175 (1.8%) |
| En-bloc resection with tumor-free margins | En-bloc resection with tumor-free margins | 8,967 (92.4%) |
| | Positive or inconclusive resected margins | 738 (7.6%) |
| Curability | Curative resection | 5,191 (53.5%) |
| | Curative resection for expanded indication | 2,570 (26.5%) |
| | Non-curative resection | 1,944 (20.0%) |
| Subsequent treatment for non-curative resection | No additional treatment | 1,201 (61.8%) |
| | Surgery | 686 (35.3%) |
| | Endoscopic resection | 16 (0.8%) |
| | Endoscopic ablation | 28 (1.4%) |
| | Others | 7 (0.4%) |
| | Unknown | 6 (0.3%) |
| <i>H. pylori</i> infection | - | 2,085 (21.5%) |
| | + | 4,901 (50.5%) |
| | Unknown | 2,719 (28.0%) |
| Eradication therapy in <i>H. pylori</i> -positive cases | Not performed | 944 (19.3%) |
| | Performed | 3,443 (70.2%) |
| | Unknown | 505 (10.3%) |
| | Data unavailable | 9 (0.2%) |
| Total | | 9,705 (100.0%) |

| Methods of endoscopic resection | | ESD | EMR |
|---|---------------------|---------------|--------------|
| Age | mean±SD | 72.0 ±8.925 | 73.7 ±9.928 |
| | -39 | 26 (0.3%) | 1 (0.8%) |
| | 40-59 | 745 (7.8%) | 9 (7.0%) |
| | 60-79 | 6,841 (71.4%) | 80 (62.0%) |
| | 80- | 1,960 (20.5%) | 39 (30.2%) |
| Sex | Male | 7,175 (75.0%) | 85 (65.9%) |
| | Female | 2,397 (25.0%) | 44 (34.1%) |
| Prior endoscopic treatment | - | 9,281 (97.0%) | 125 (96.9%) |
| | + | 287 (3.0%) | 4 (3.1%) |
| | Unknown | 4 (0.0%) | 0 (0.0%) |
| Stomach condition | Normal stomach | 9,212 (96.2%) | 118 (91.5%) |
| | Remnant stomach | 294 (3.1%) | 11 (8.5%) |
| | Gastric tube | 65 (0.7%) | 0 (0.0%) |
| | Unknown | 1 (0.0%) | 0 (0.0%) |
| Tumor location | U | 1,542 (16.1%) | 32 (24.8%) |
| | M | 3,560 (37.2%) | 43 (33.3%) |
| | L | 4,448 (46.5%) | 54 (41.9%) |
| | Unknown | 22 (0.2%) | 0 (0.0%) |
| Cross-sectional parts | Less | 3,988 (41.7%) | 28 (21.7%) |
| | Gre | 1,955 (20.4%) | 49 (38.0%) |
| | Ant | 1,606 (16.8%) | 22 (17.1%) |
| | Post | 1,957 (20.4%) | 24 (18.6%) |
| | Unknown | 66 (0.7%) | 6 (4.7%) |
| Macroscopic type | Depressed type | 5,143 (53.7%) | 22 (17.1%) |
| | Elevated type | 3,528 (36.9%) | 95 (73.6%) |
| | Mixed type | 843 (8.8%) | 3 (2.3%) |
| | Others | 15 (0.2%) | 2 (1.6%) |
| | Unknown | 43 (0.4%) | 7 (5.4%) |
| En-bloc or piecemeal resection | En-bloc resection | 9,474 (99.0%) | 109 (84.5%) |
| | Piecemeal resection | 92 (0.9%) | 20 (15.5%) |
| | Unknown | 6 (0.1%) | 0 (0.0%) |
| Bleeding requiring emergency surgery | Presence | 51 (0.5%) | 0 (0.0%) |
| | Absence | 9,515 (99.4%) | 129 (100.0%) |
| | Unknown | 6 (0.1%) | 0 (0.0%) |
| Perforation requiring emergency surgery | Presence | 27 (0.3%) | 0 (0.0%) |
| | Absence | 9,535 (99.6%) | 128 (99.2%) |
| | Unknown | 10 (0.1%) | 1 (0.8%) |
| Histological type | pap | 179 (1.9%) | 12 (9.3%) |
| | tub1 | 7,514 (78.4%) | 99 (76.7%) |
| | tub2 | 1,360 (14.2%) | 8 (6.2%) |
| | por | 225 (2.4%) | 3 (2.3%) |
| | sig | 237 (2.5%) | 2 (1.6%) |
| | muc | 5 (0.1%) | 0 (0.0%) |
| | Others | 38 (0.4%) | 3 (2.3%) |
| | Inconclusive | 7 (0.1%) | 0 (0.0%) |
| | Unknown | 4 (0.0%) | 2 (1.6%) |
| | Data unavailable | 3 (0.0%) | 0 (0.0%) |

| | | ESD | EMR |
|---|--|-----------------|---------------|
| Depth of tumor invasion | M | 8,092 (84.5%) | 114 (88.4%) |
| | SM1 | 688 (7.2%) | 4 (3.1%) |
| | SM2 or deeper than SM2 | 752 (7.9%) | 7 (5.4%) |
| | Others | 11 (0.1%) | 0 (0.0%) |
| | Inconclusive | 12 (0.1%) | 1 (0.8%) |
| | Unknown | 17 (0.2%) | 3 (2.3%) |
| Lymphatic invasion(lv) | - | 9,027 (94.3%) | 120 (93.0%) |
| | + | 479 (5.0%) | 3 (2.3%) |
| | Inconclusive | 25 (0.3%) | 2 (1.6%) |
| | Unknown | 41 (0.4%) | 4 (3.1%) |
| Venous invasion(v) | - | 9,212 (96.2%) | 119 (92.2%) |
| | + | 297 (3.1%) | 4 (3.1%) |
| | Inconclusive | 23 (0.2%) | 2 (1.6%) |
| | Unknown | 40 (0.4%) | 4 (3.1%) |
| UL | - | 8,154 (85.2%) | 95 (73.5%) |
| | + | 874 (9.1%) | 6 (4.7%) |
| | Inconclusive | 106 (1.1%) | 6 (4.7%) |
| | Unknown | 438 (4.6%) | 22 (17.1%) |
| Horizontal margin | HM0 | 9,133 (95.4%) | 91 (70.5%) |
| | HM1 | 212 (2.2%) | 13 (10.1%) |
| | HMX | 227 (2.4%) | 25 (19.4%) |
| Vertical margin | VM0 | 9,190 (96.0%) | 110 (85.3%) |
| | VM1 | 220 (2.3%) | 7 (5.4%) |
| | VMX | 162 (1.7%) | 12 (9.3%) |
| En-bloc resection with tumor-free margins | En-bloc resection with tumor-free margins | 8,876 (92.7%) | 90 (69.8%) |
| | Positive or inconclusive resected margins | 696 (7.3%) | 39 (30.2%) |
| Curability | Curative resection | 5,126 (53.5%) | 64 (49.6%) |
| | Curative resection for expanded indication | 2,562 (26.8%) | 8 (6.2%) |
| | Non-curative resection | 1,884 (19.7%) | 57 (44.2%) |
| Subsequent treatment for non-curative resection | No additional treatment | 1,153 (61.2%) | 46 (80.7%) |
| | Surgery | 680 (36.1%) | 6 (10.5%) |
| | Endoscopic resection | 14 (0.7%) | 2 (3.5%) |
| | Endoscopic ablation | 24 (1.3%) | 3 (5.3%) |
| | Others | 7 (0.4%) | 0 (0.0%) |
| | Unknown | 6 (0.3%) | 0 (0.0%) |
| <i>H. pylori</i> infection | - | 2,053 (21.4%) | 31 (24.0%) |
| | + | 4,850 (50.7%) | 50 (38.8%) |
| | Unknown | 2,669 (27.9%) | 48 (37.2%) |
| Eradication therapy in <i>H. pylori</i> -positive cases | Not performed | 933 (19.2%) | 10 (20.0%) |
| | Performed | 3,408 (70.3%) | 35 (70.0%) |
| | Unknown | 500 (10.3%) | 5 (10.0%) |
| | Data unavailable | 9 (0.2%) | 0 (0.0%) |
| Total | | 9,572 (100.0%) | 129 (100.0%) |

Survival curve of patients

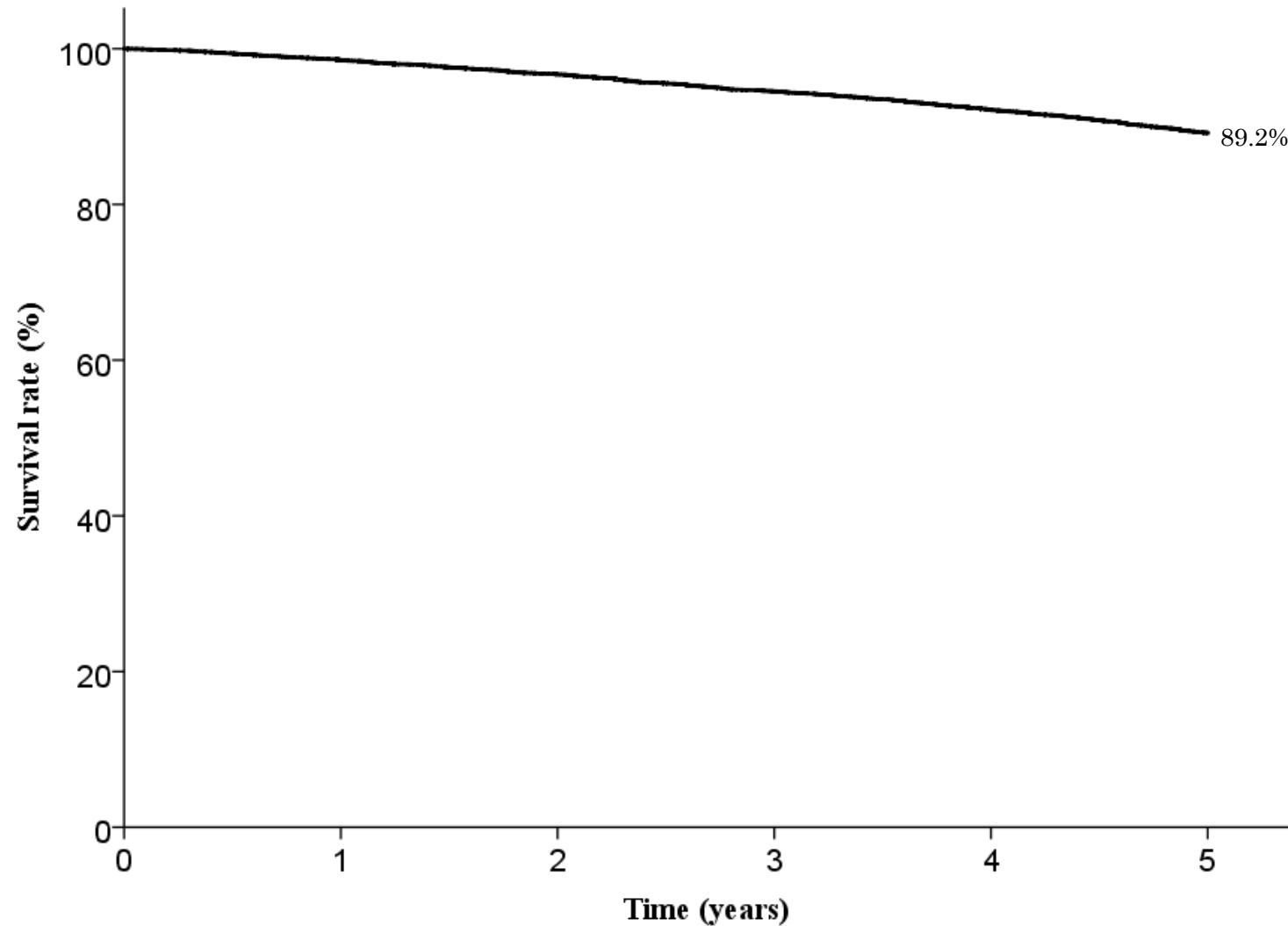


Fig. 1. Five year survival rates for all patients

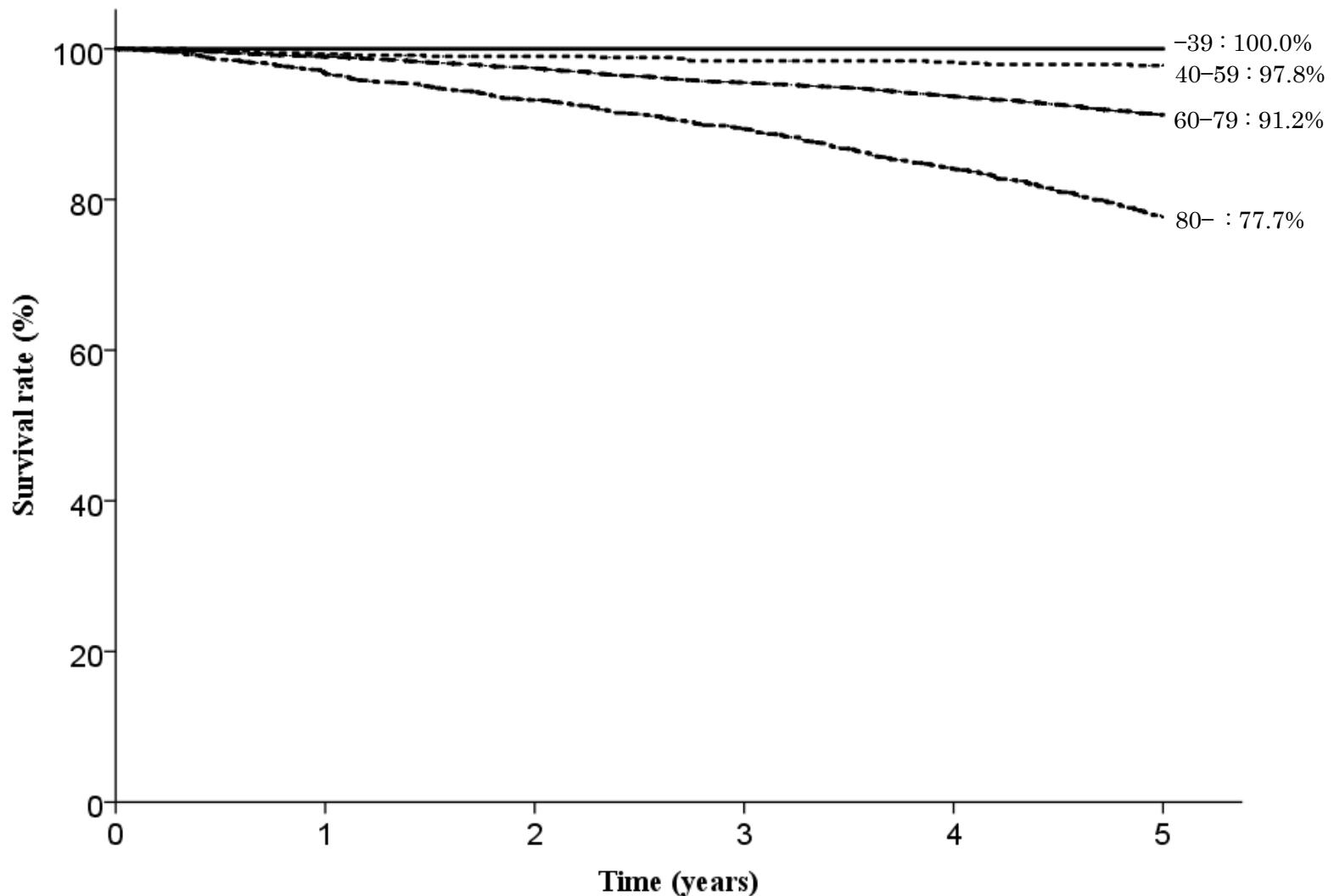


Fig. 2. Five year survival rates stratified by age

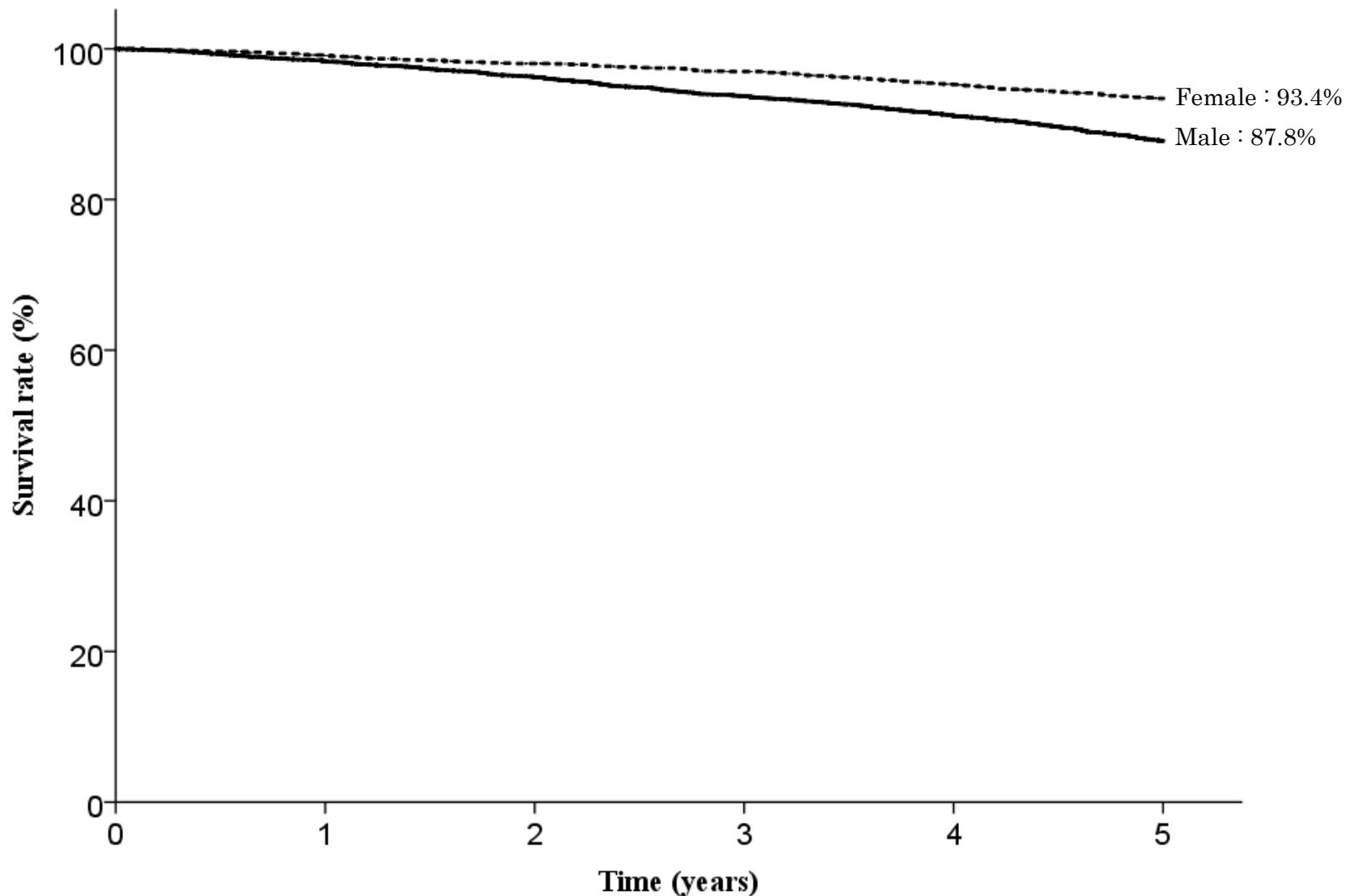


Fig. 3. Five year survival rates stratified by sex

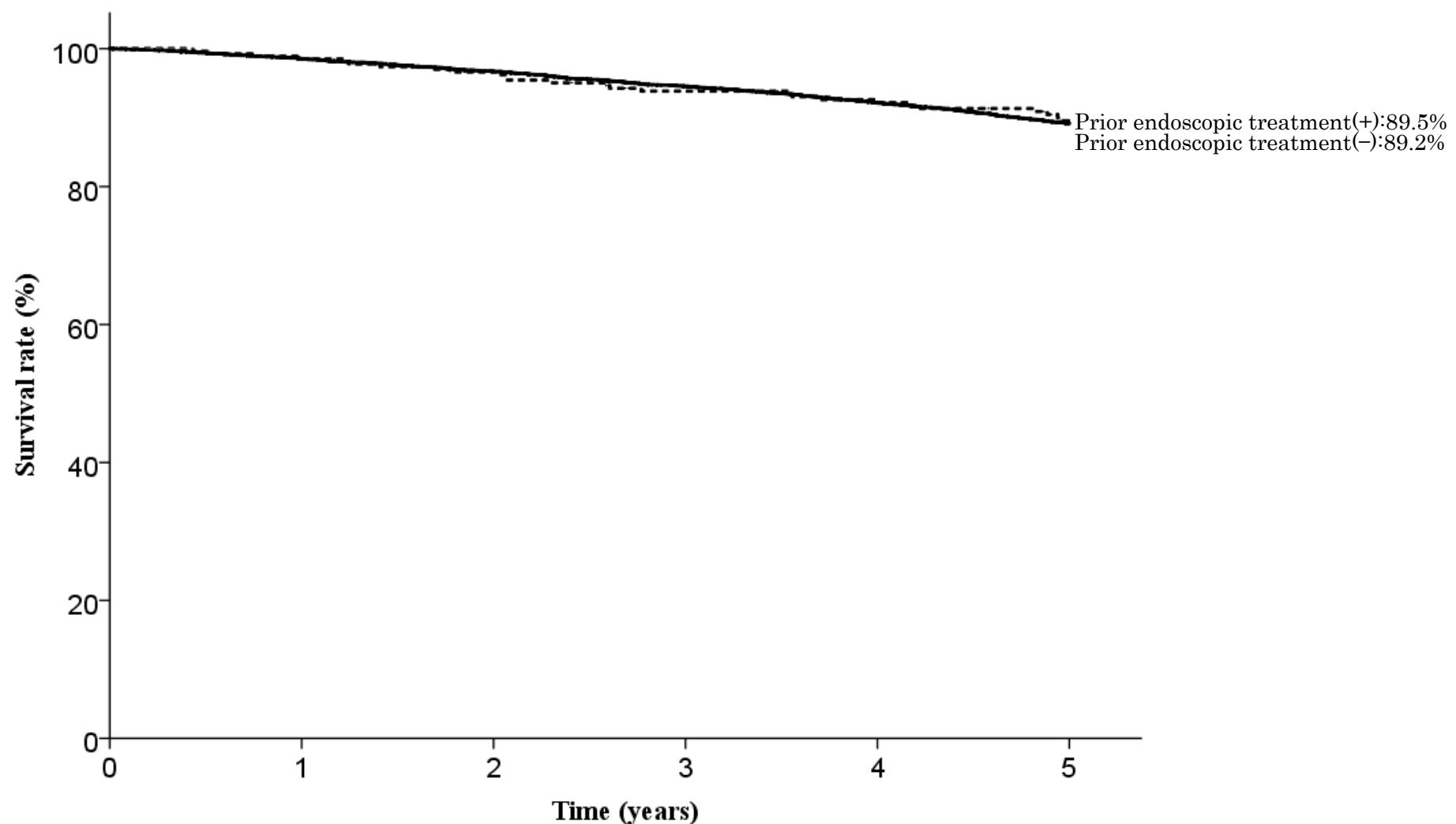


Fig. 4. Five year survival rates stratified by prior endoscopic treatment

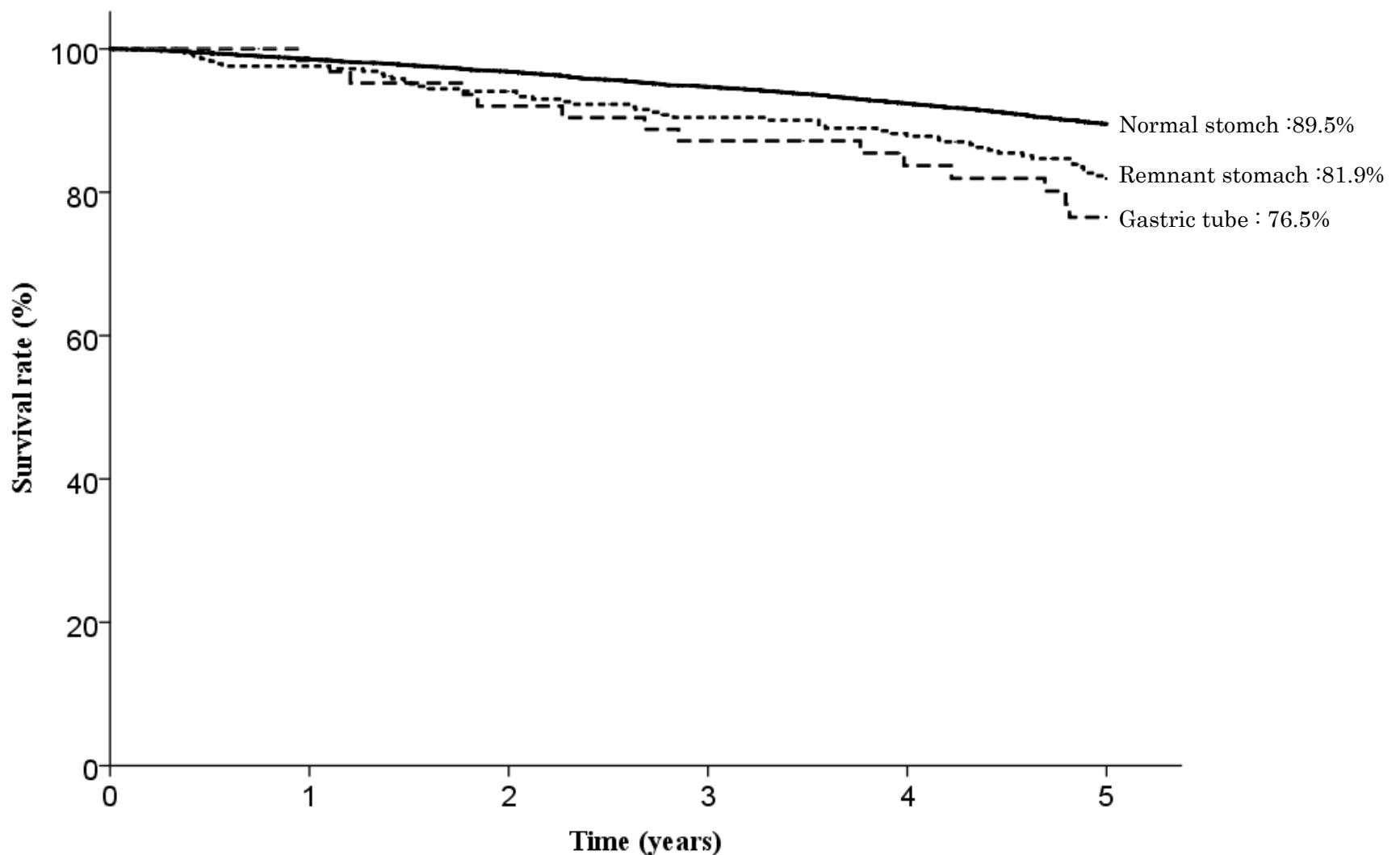


Fig. 5. Five year survival rates stratified by stomach condition

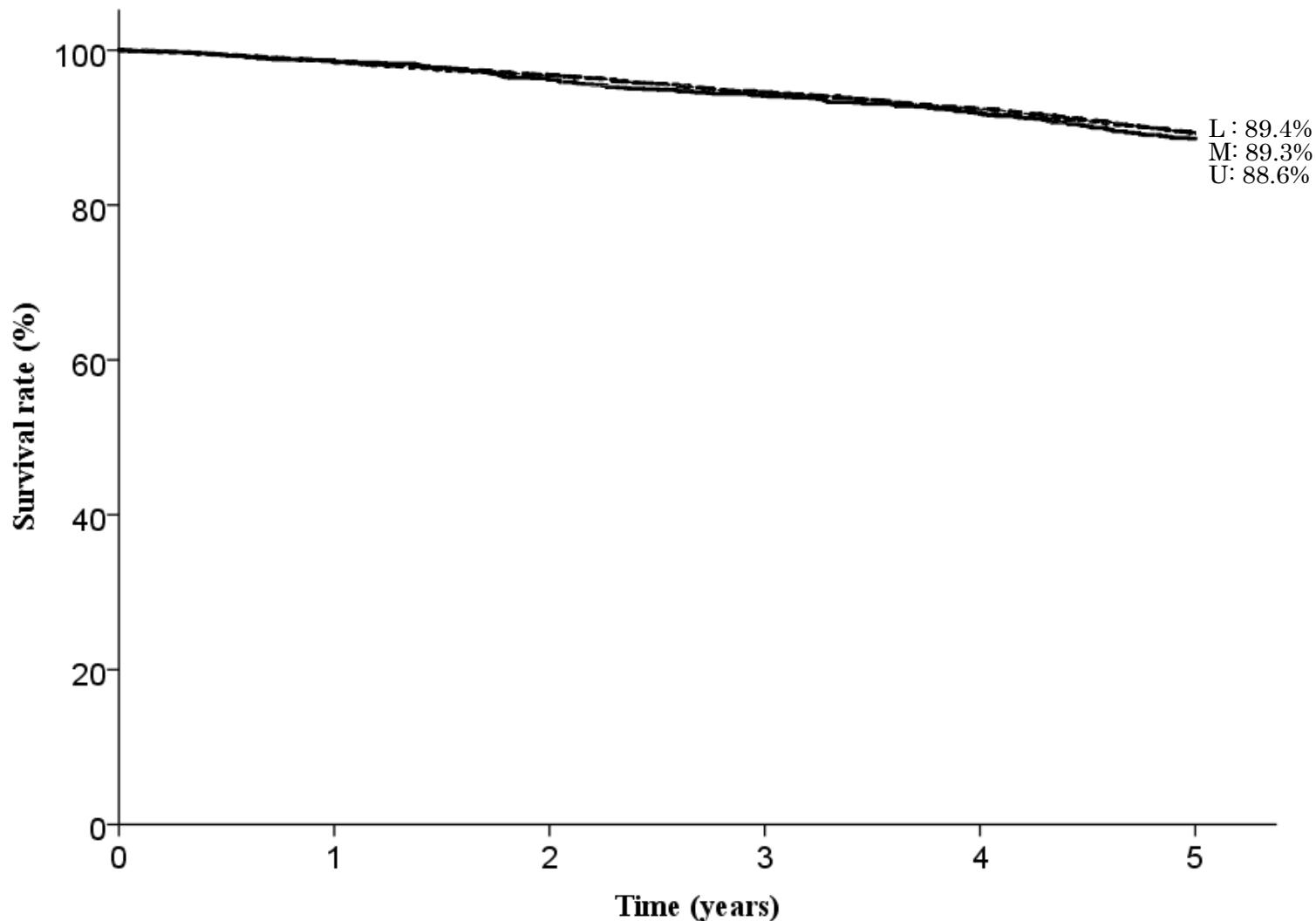


Fig. 6. Five year survival rates stratified by tumor location

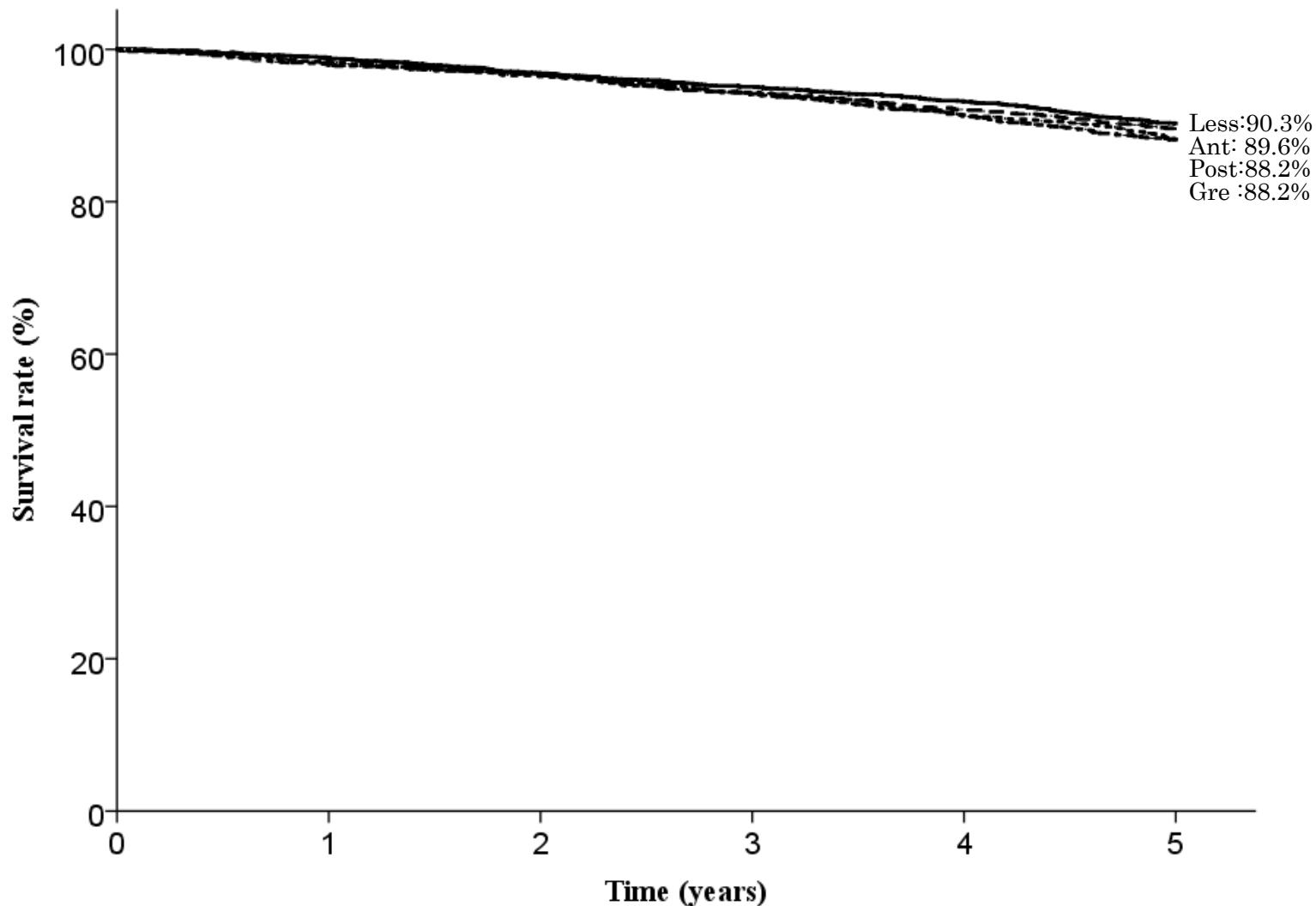


Fig. 7. Five year survival rates stratified by cross-sectional parts

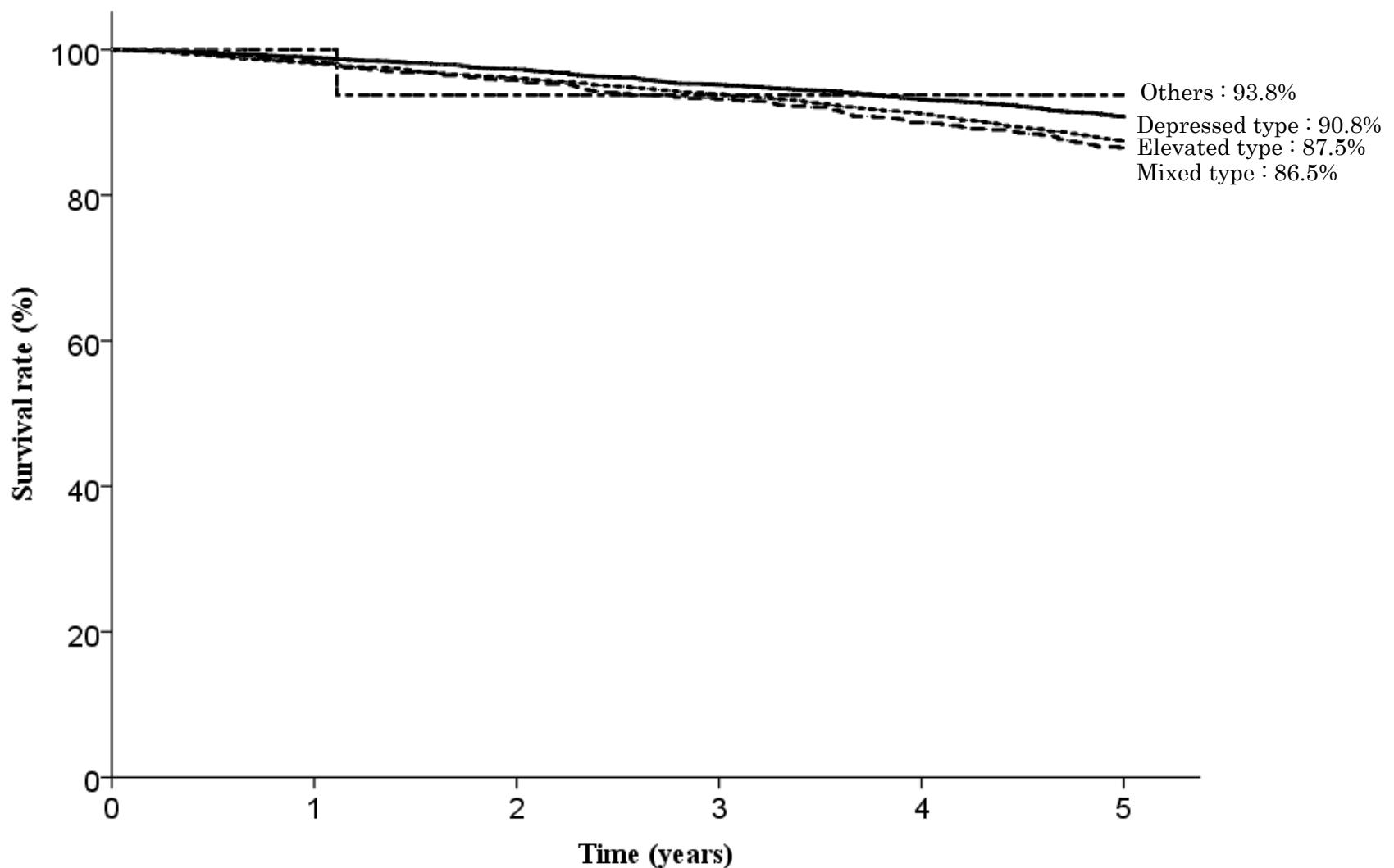


Fig. 8. Five year survival rates stratified by macroscopic type

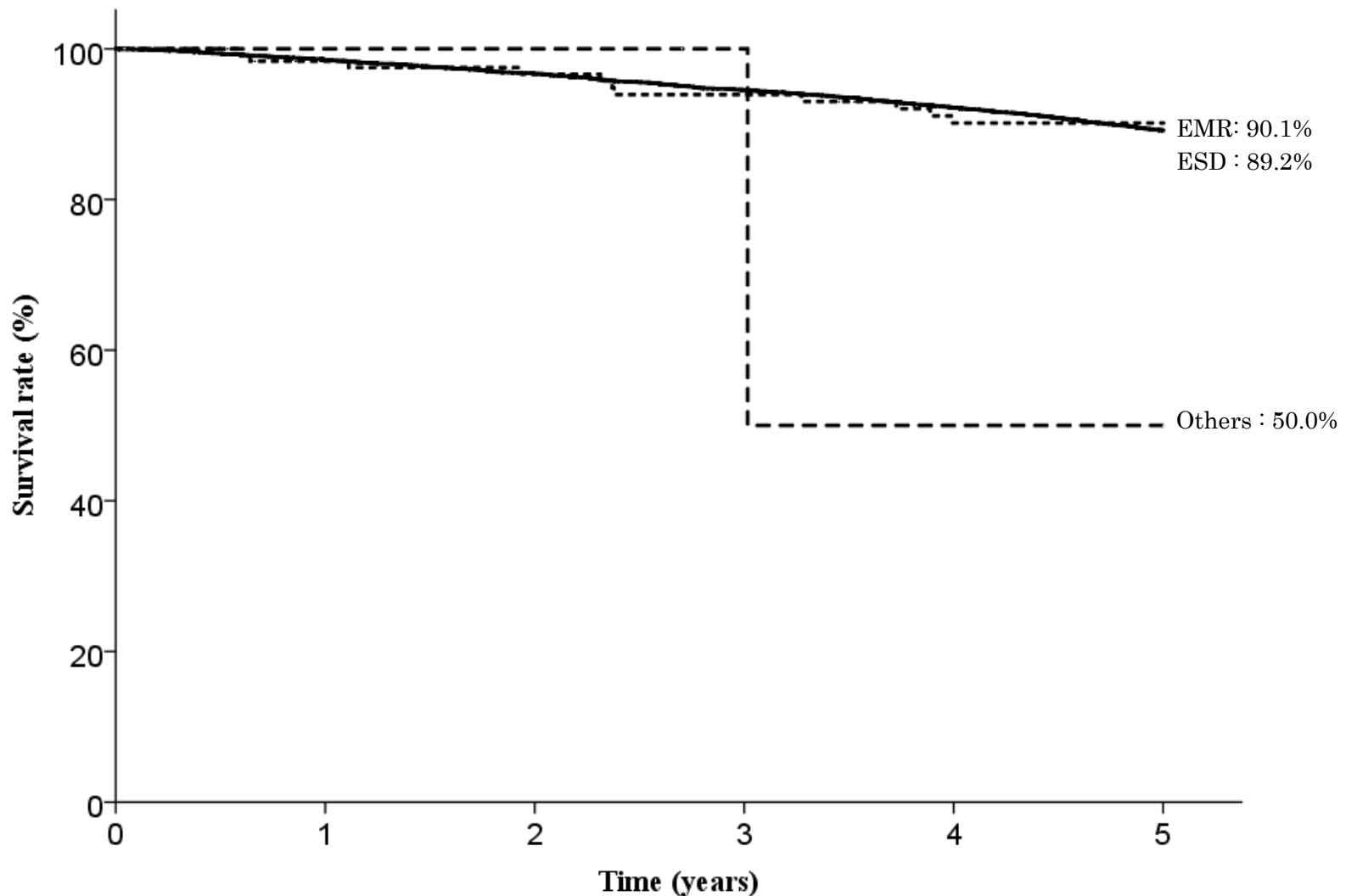


Fig. 9. Five year survival rates stratified by method of endoscopic resection

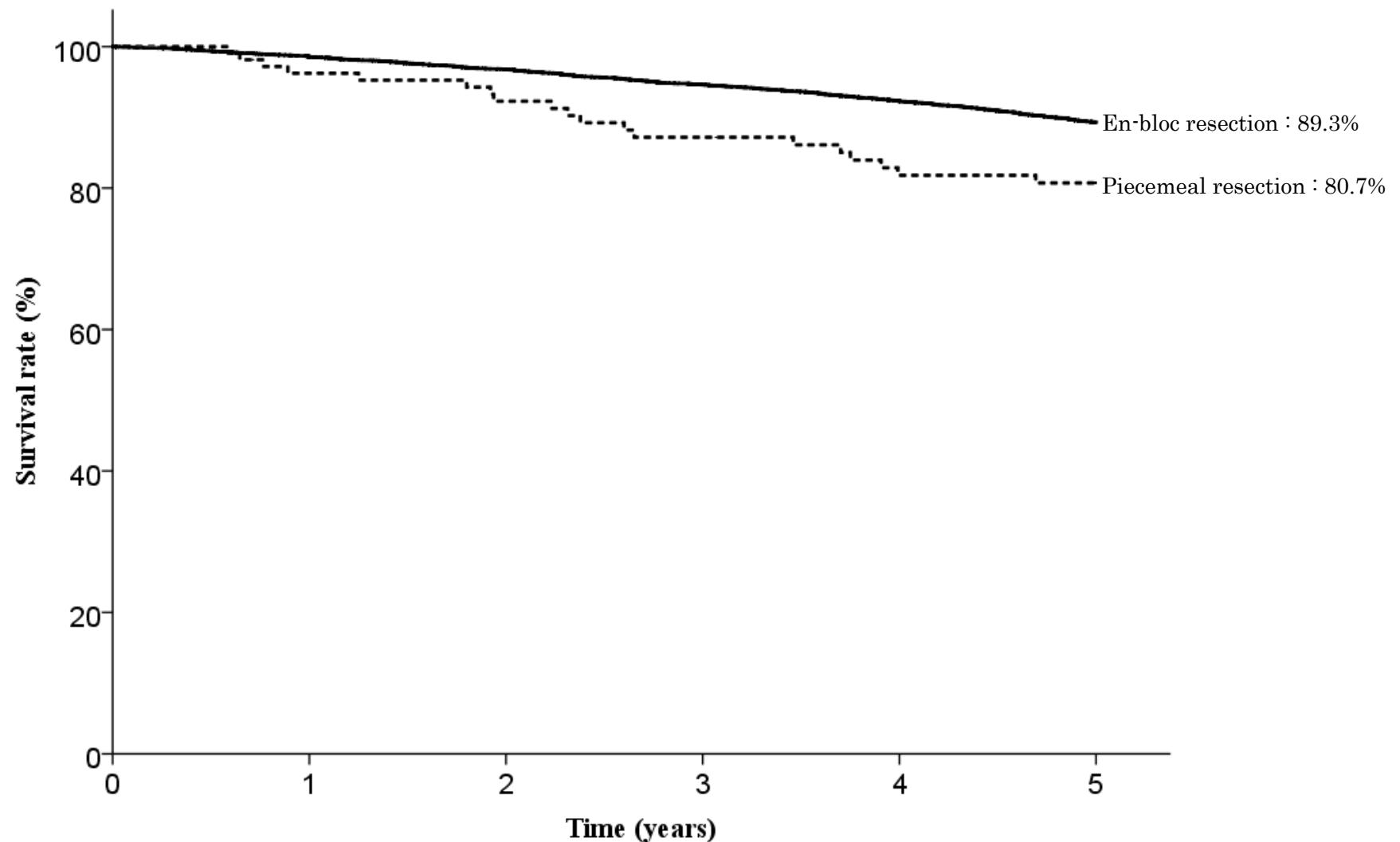


Fig. 10. Five year survival rates stratified by en-bloc or piecemeal resection

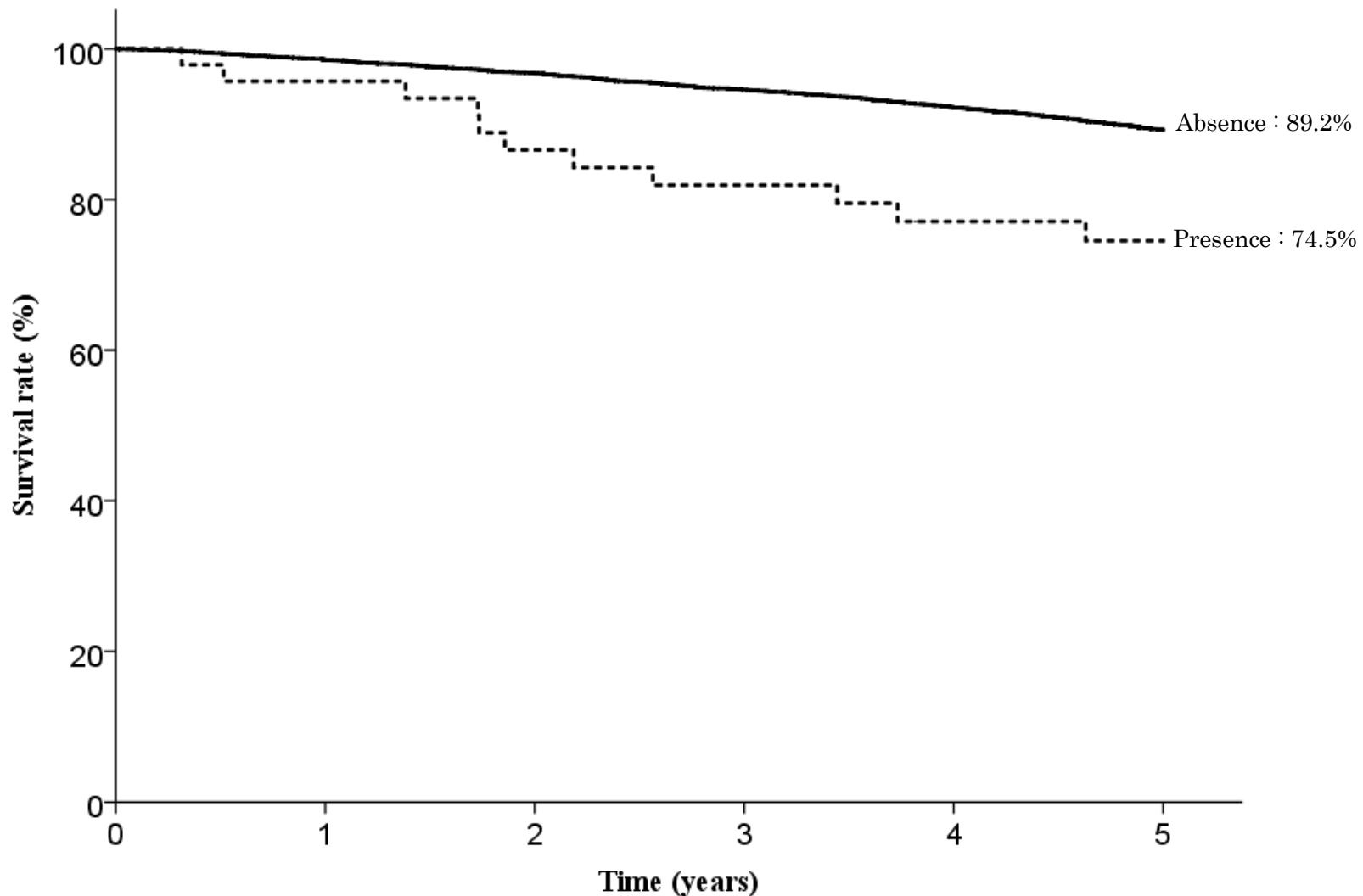


Fig. 11. Five year survival rates stratified by bleeding requiring emergency surgery

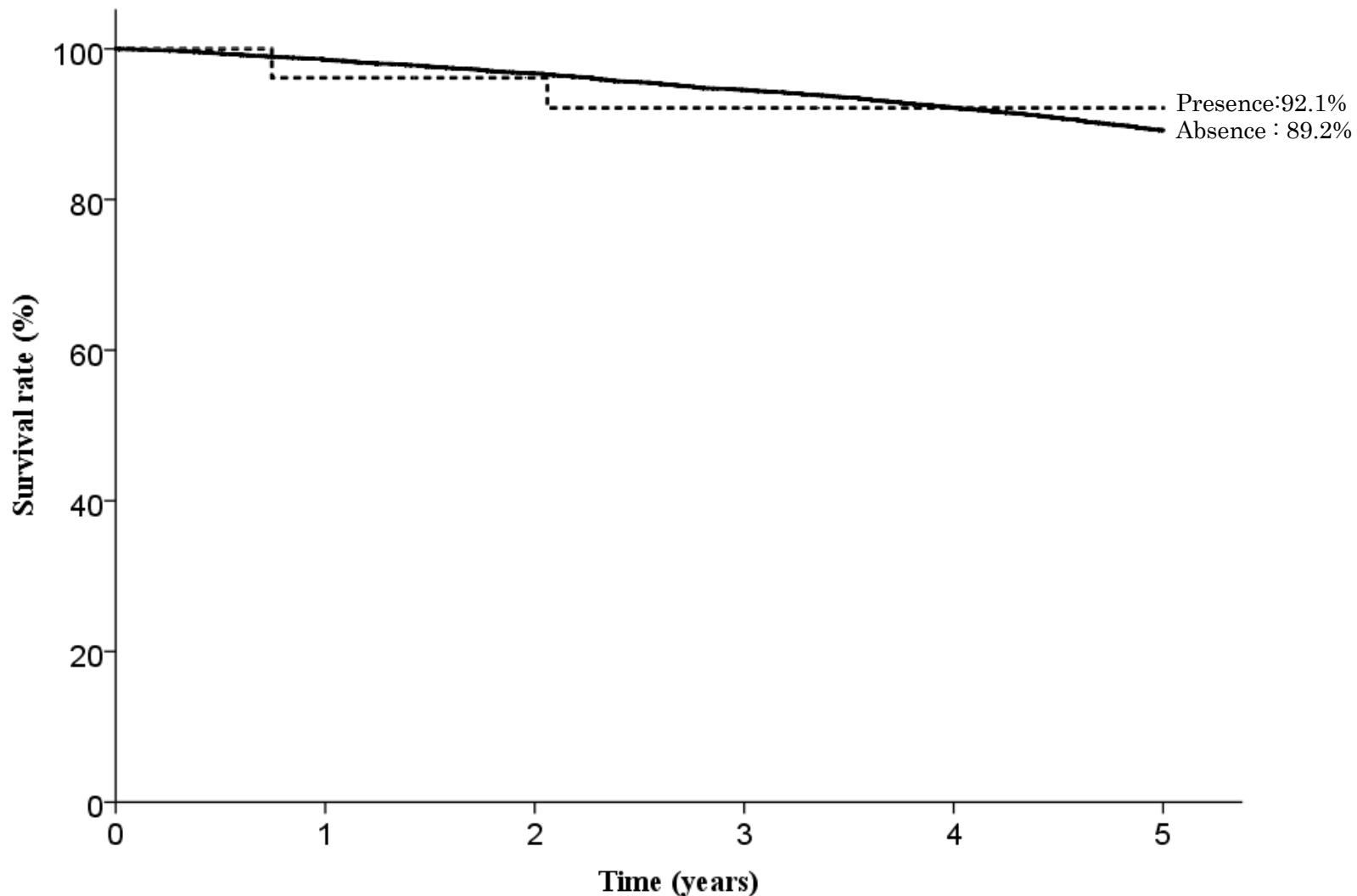


Fig. 12. Five year survival rates stratified by perforation requiring emergency surgery

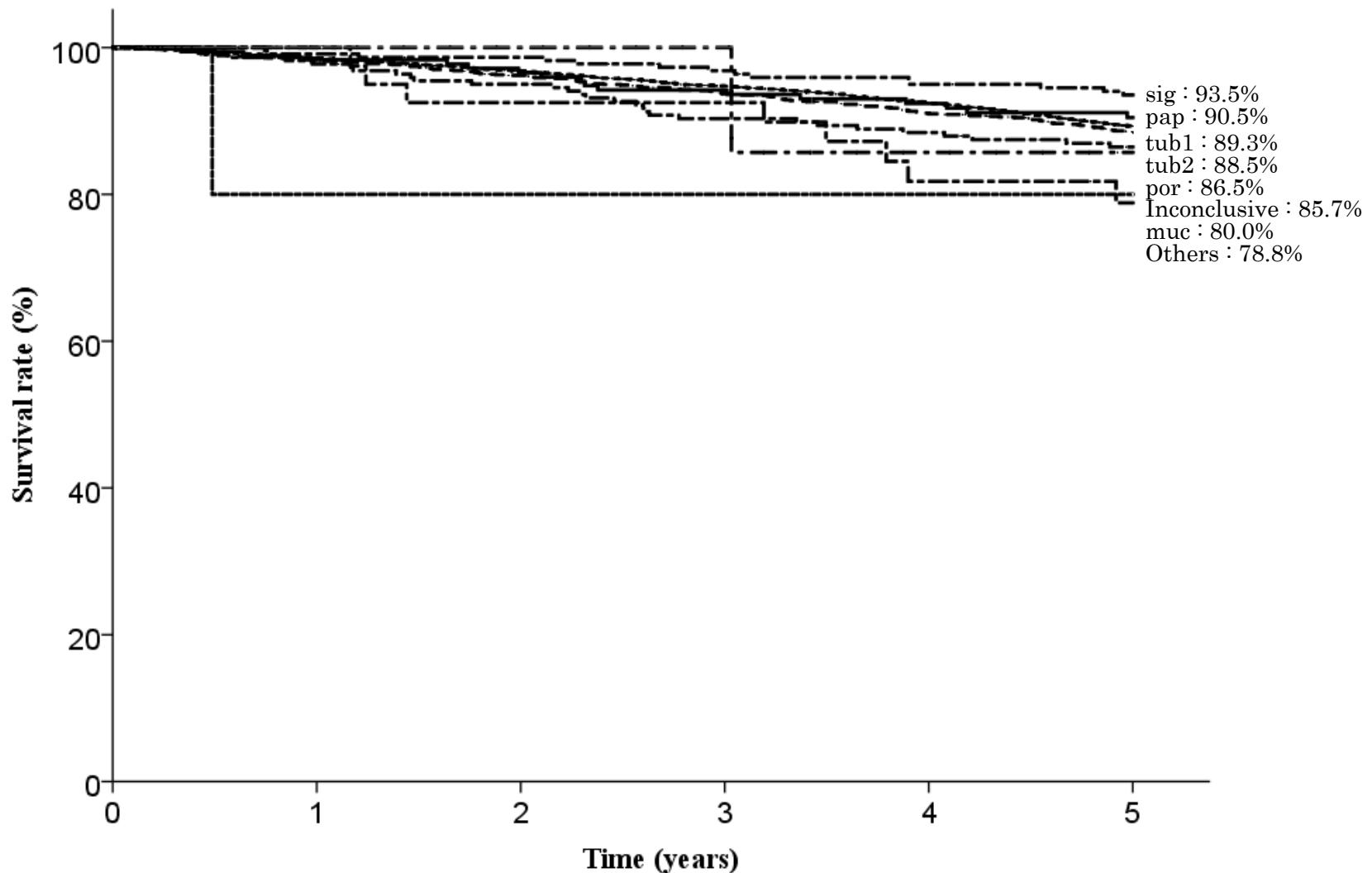


Fig. 13. Five year survival rates stratified by histological type

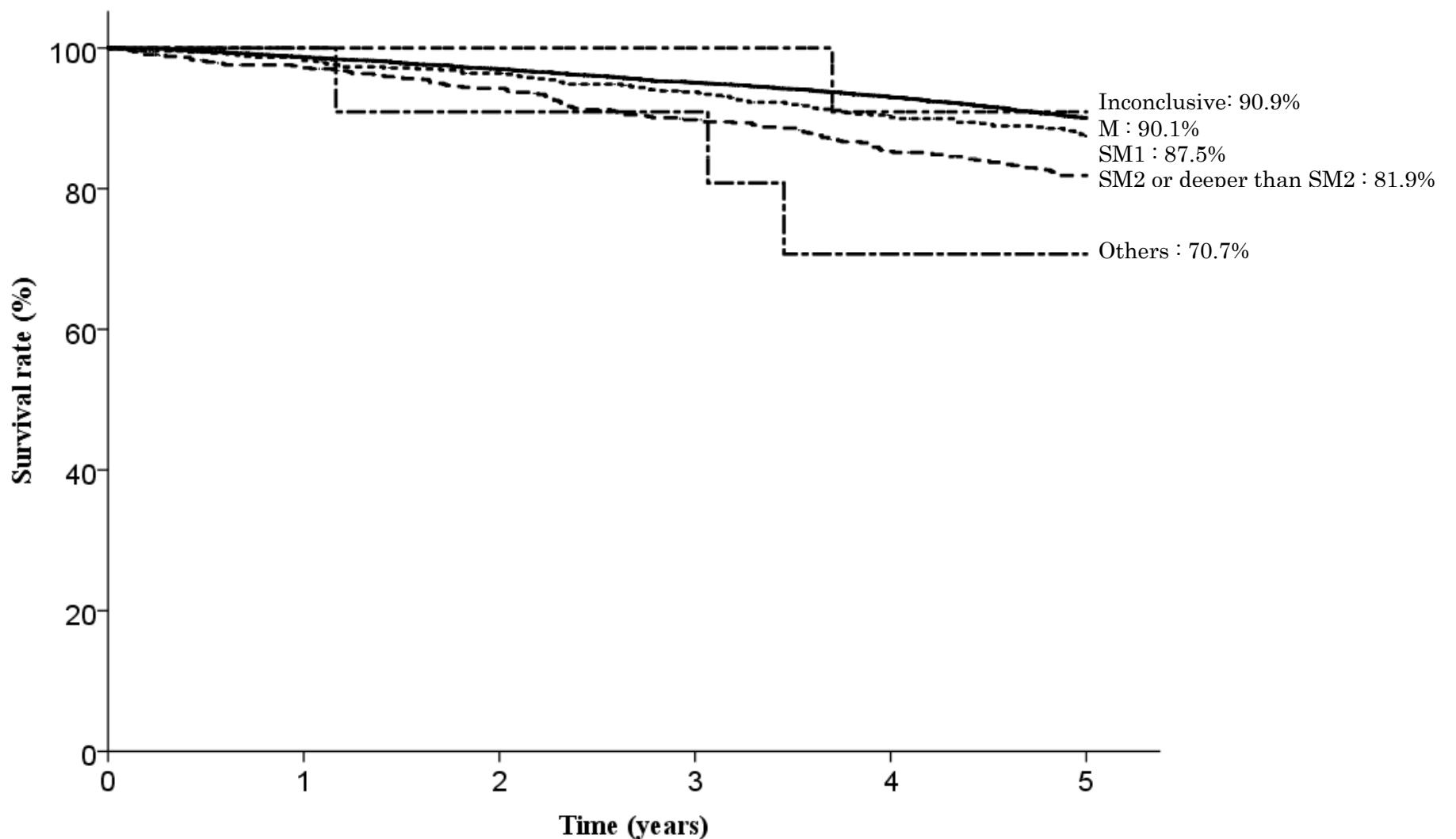


Fig. 14. Five year survival rates stratified by depth of tumor invasion

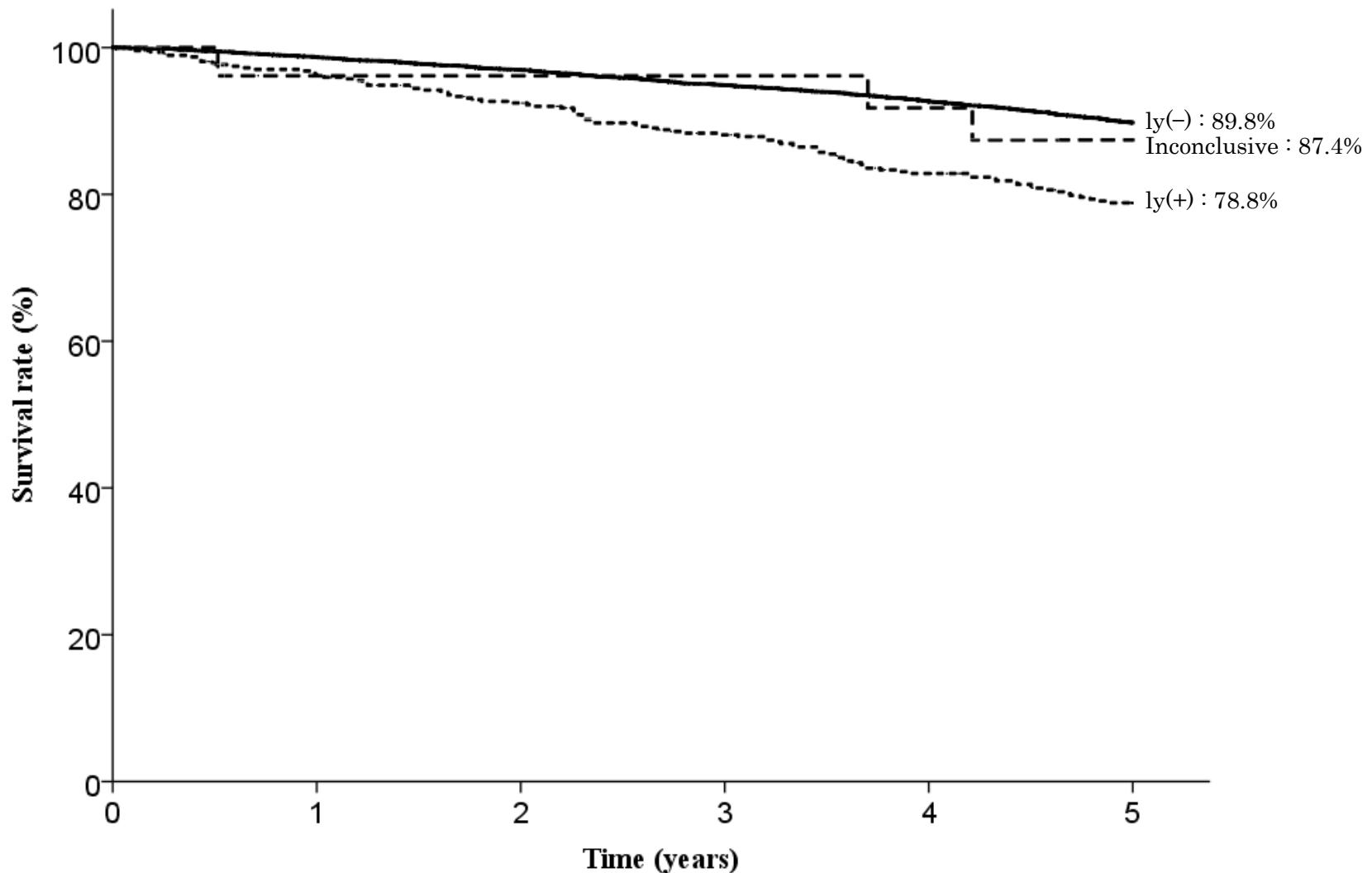


Fig. 15. Five year survival rates stratified by lymphatic invasion

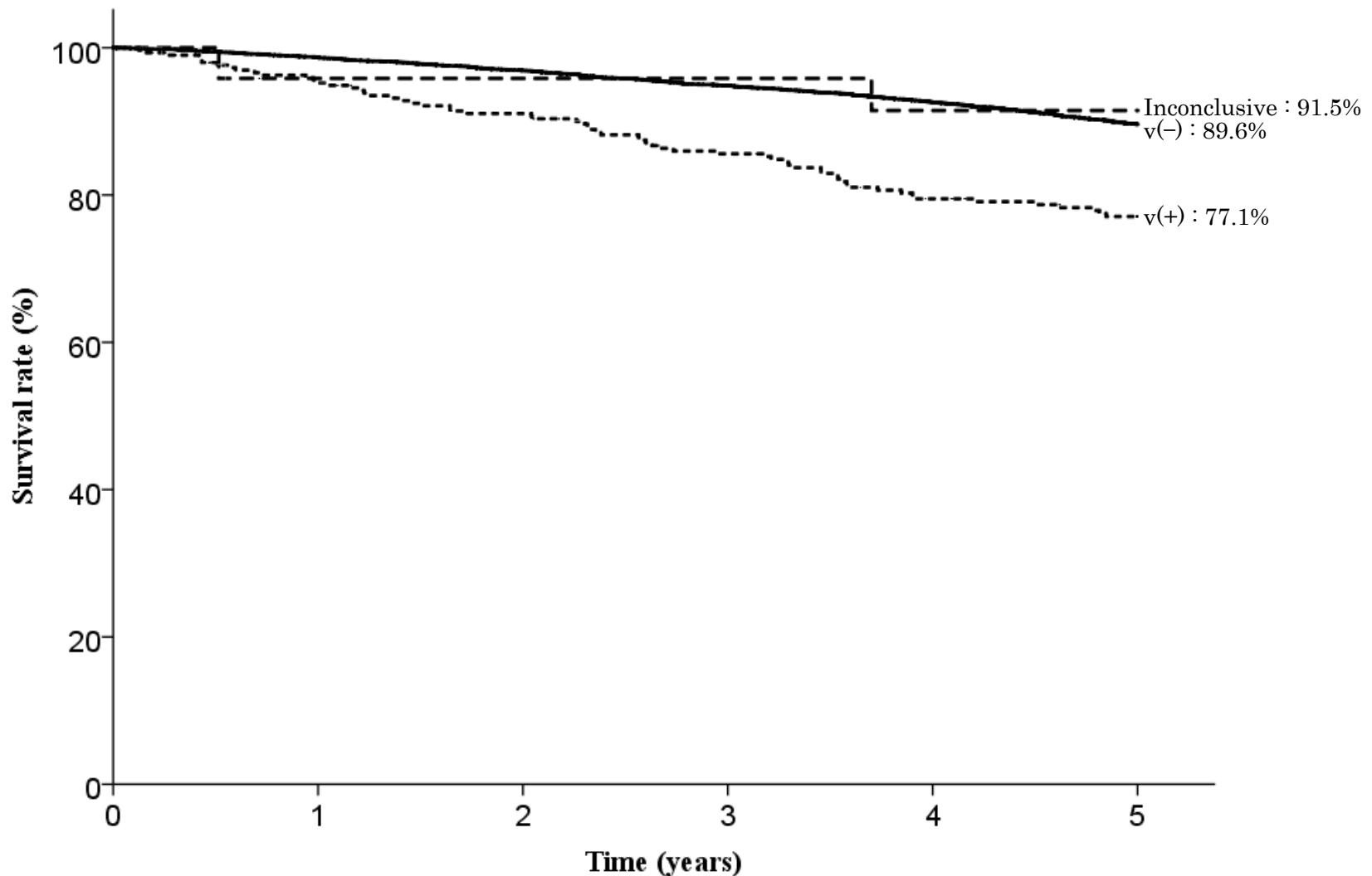


Fig. 16. Five year survival rates stratified by venous invasion

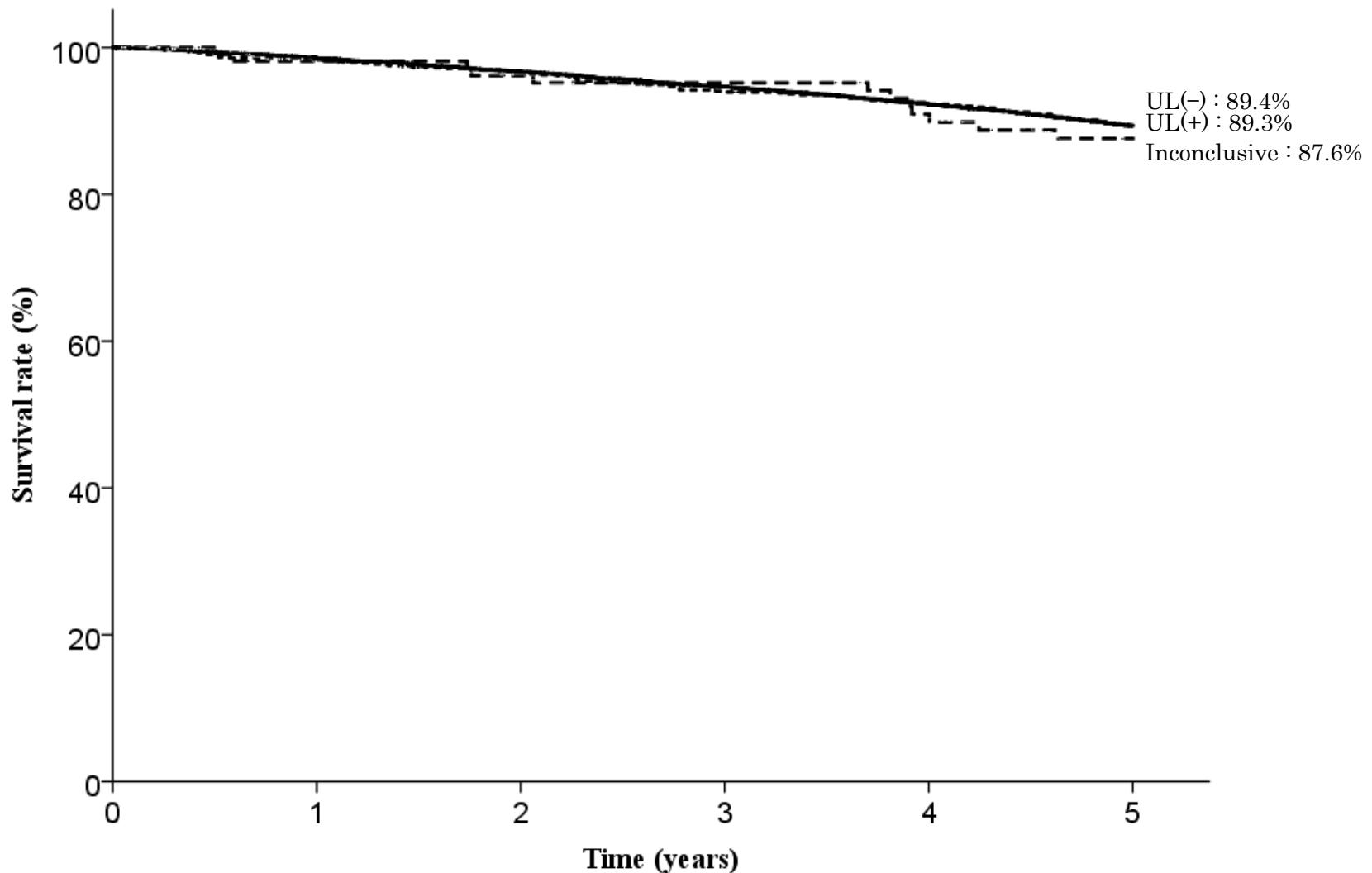


Fig. 17. Five year survival rates stratified by UL

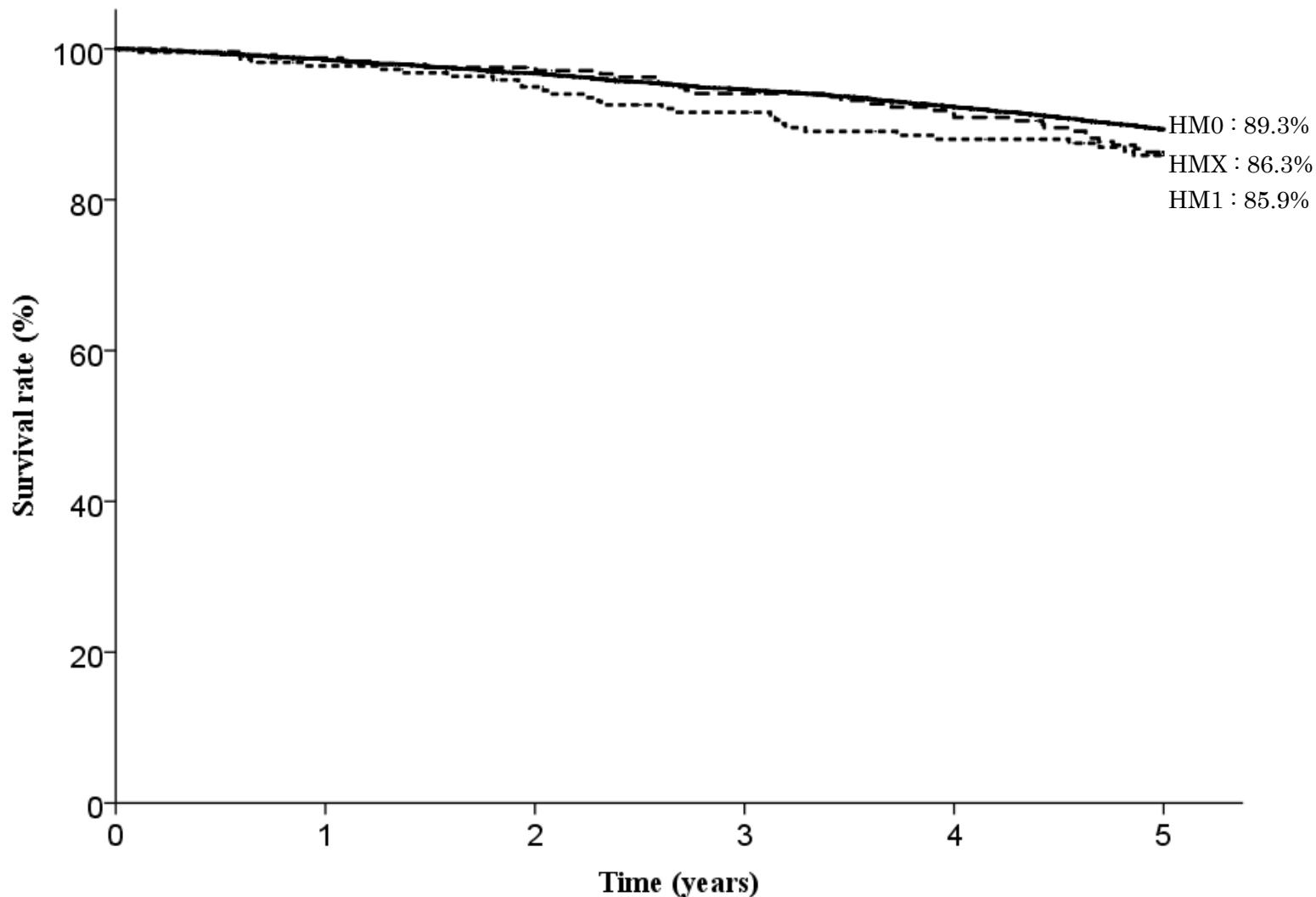


Fig. 18. Five year survival rates stratified by horizontal margin

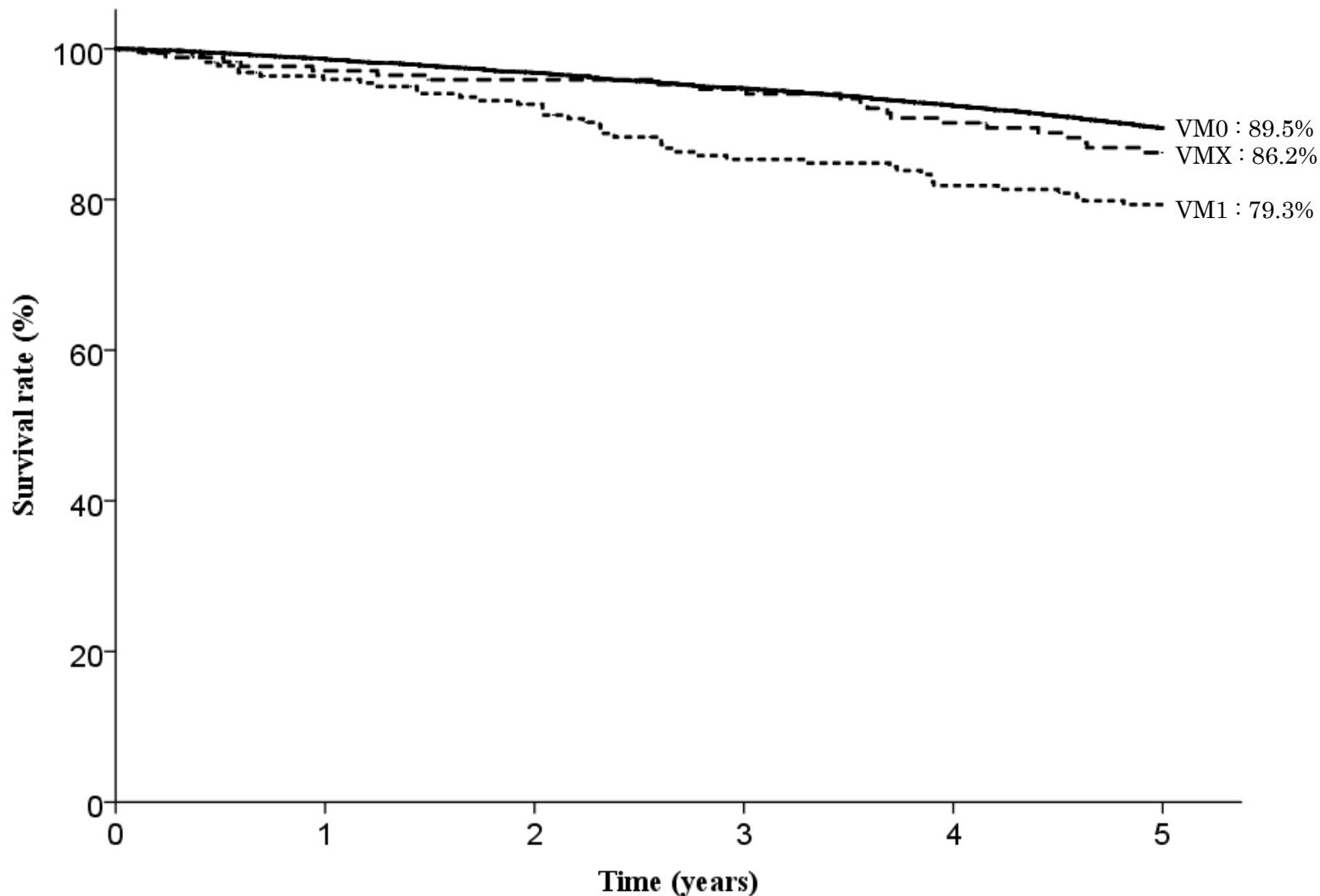


Fig. 19. Five year survival rates stratified by vertical margin

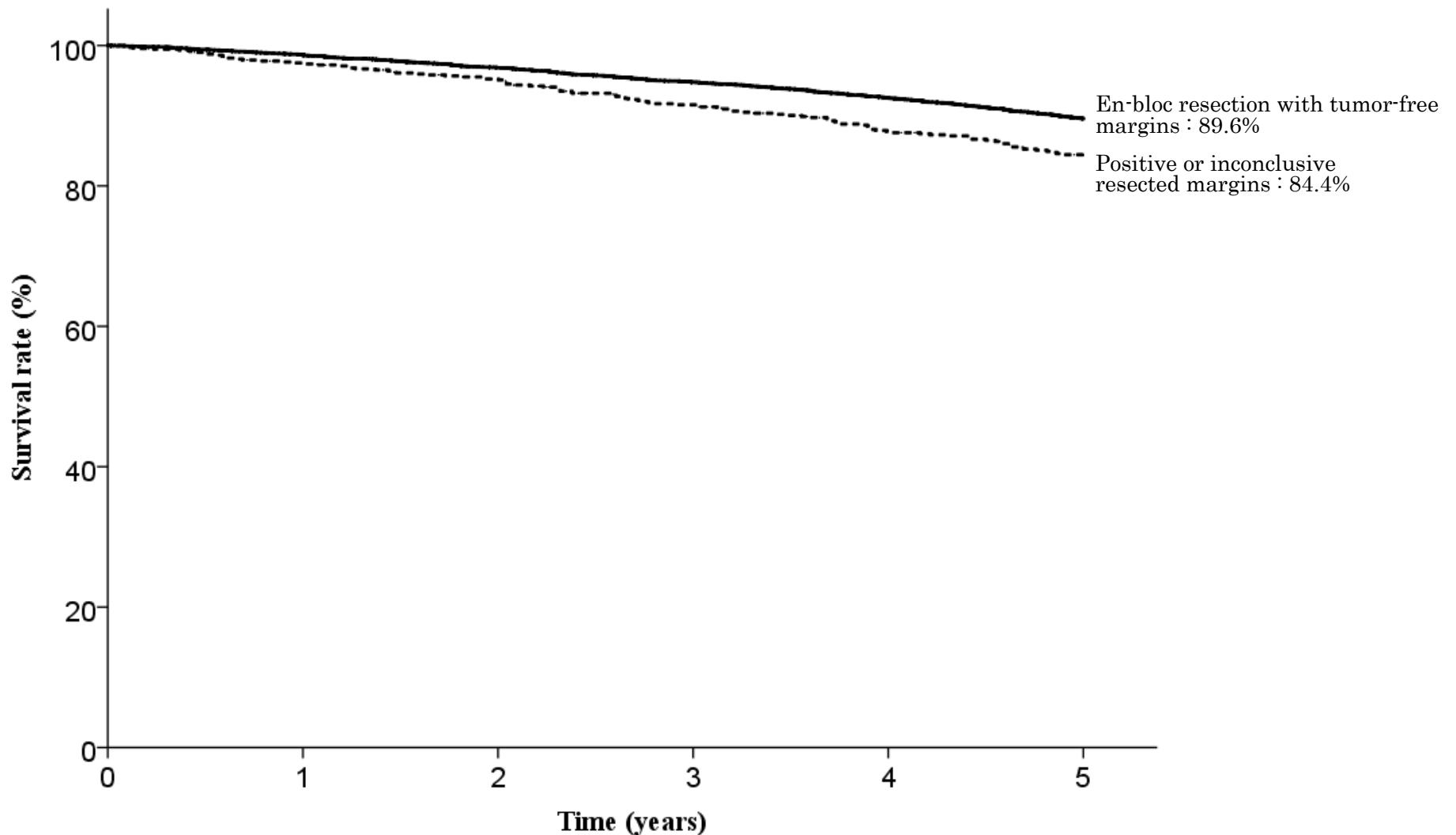


Fig. 20. Five year survival rates stratified by en-bloc resection with tumor-free margins

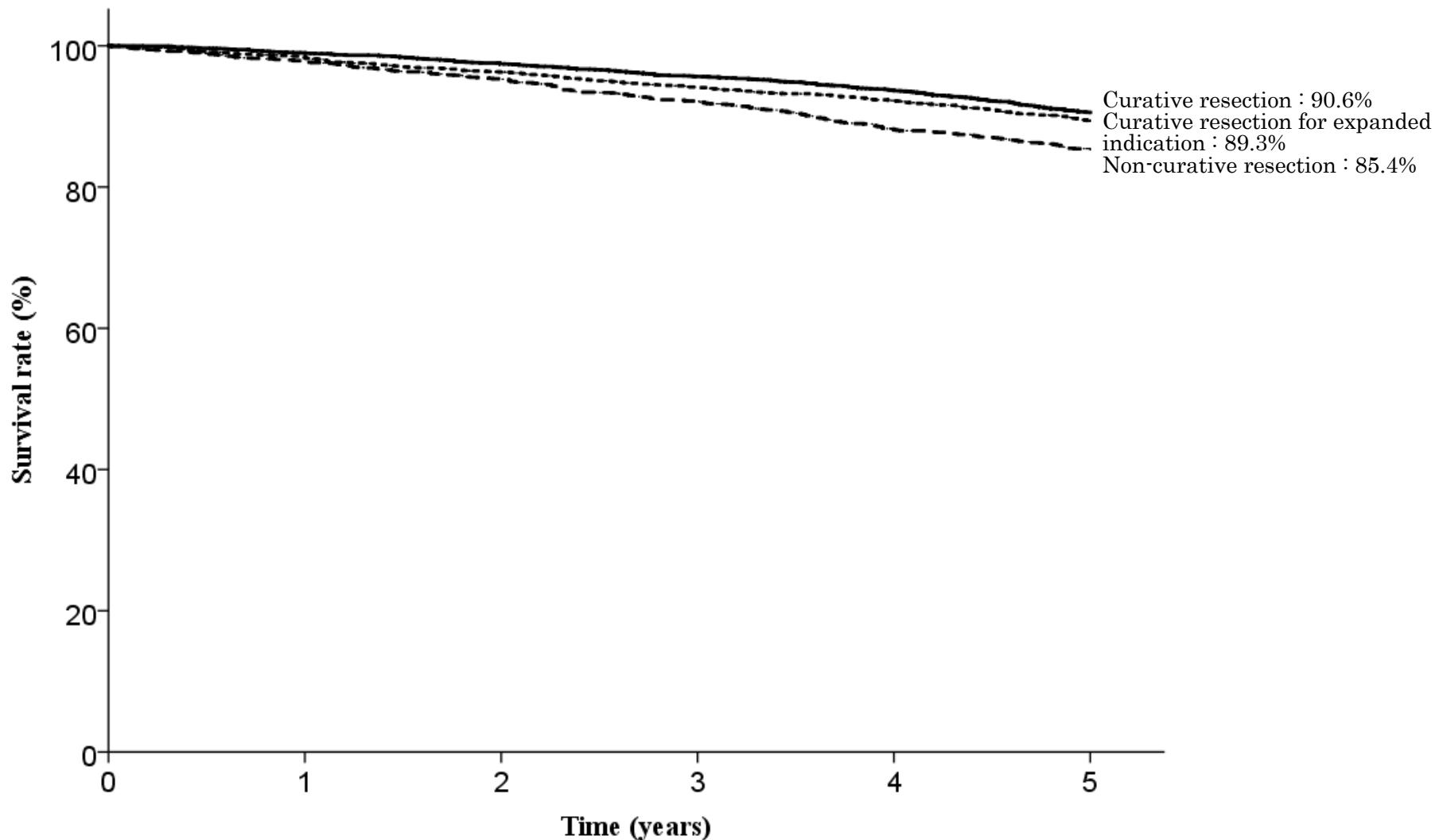


Fig. 21. Five year survival rates stratified by curability

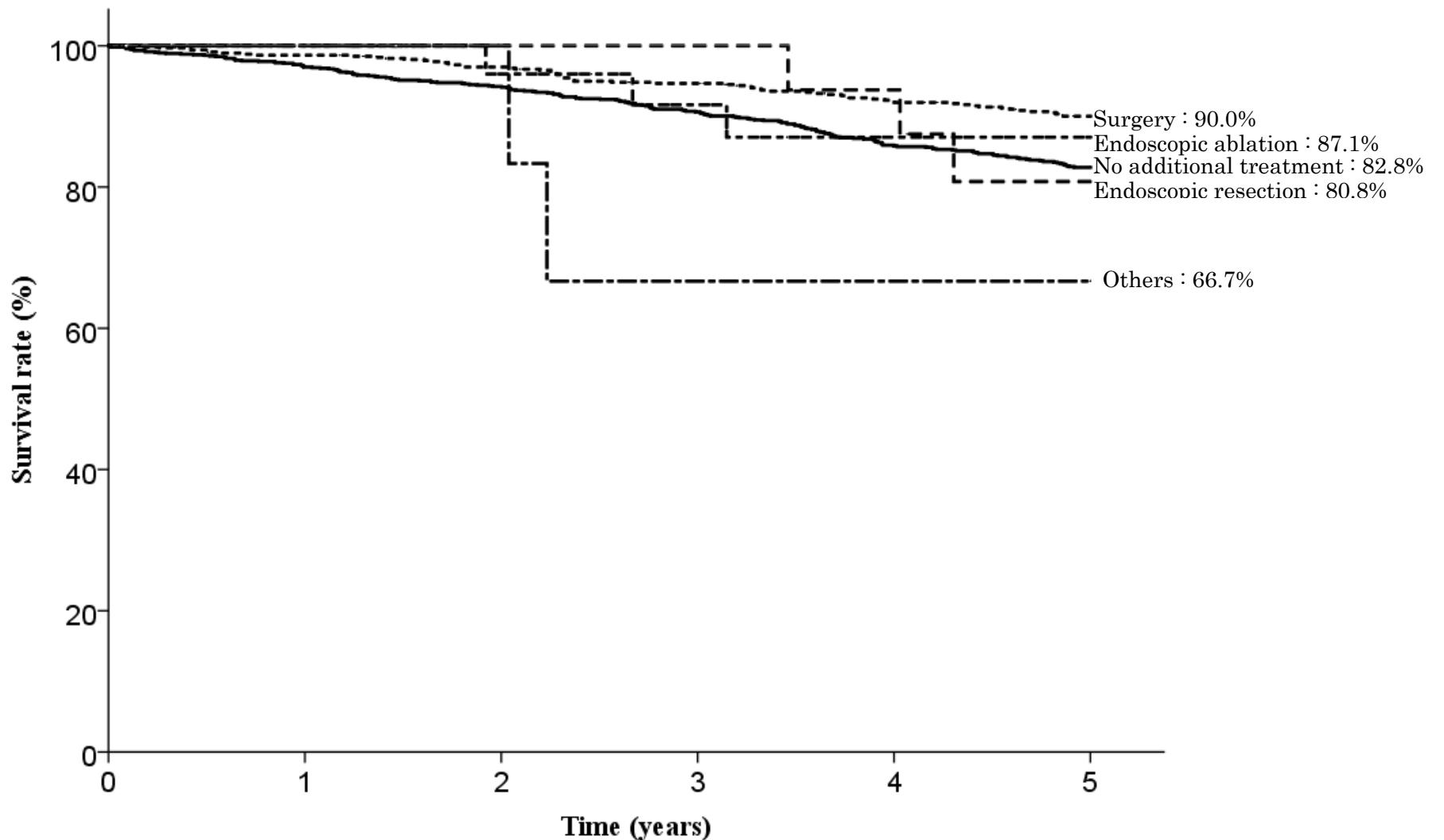


Fig. 22. Five year survival rates stratified by subsequent treatment
for non-curative resection

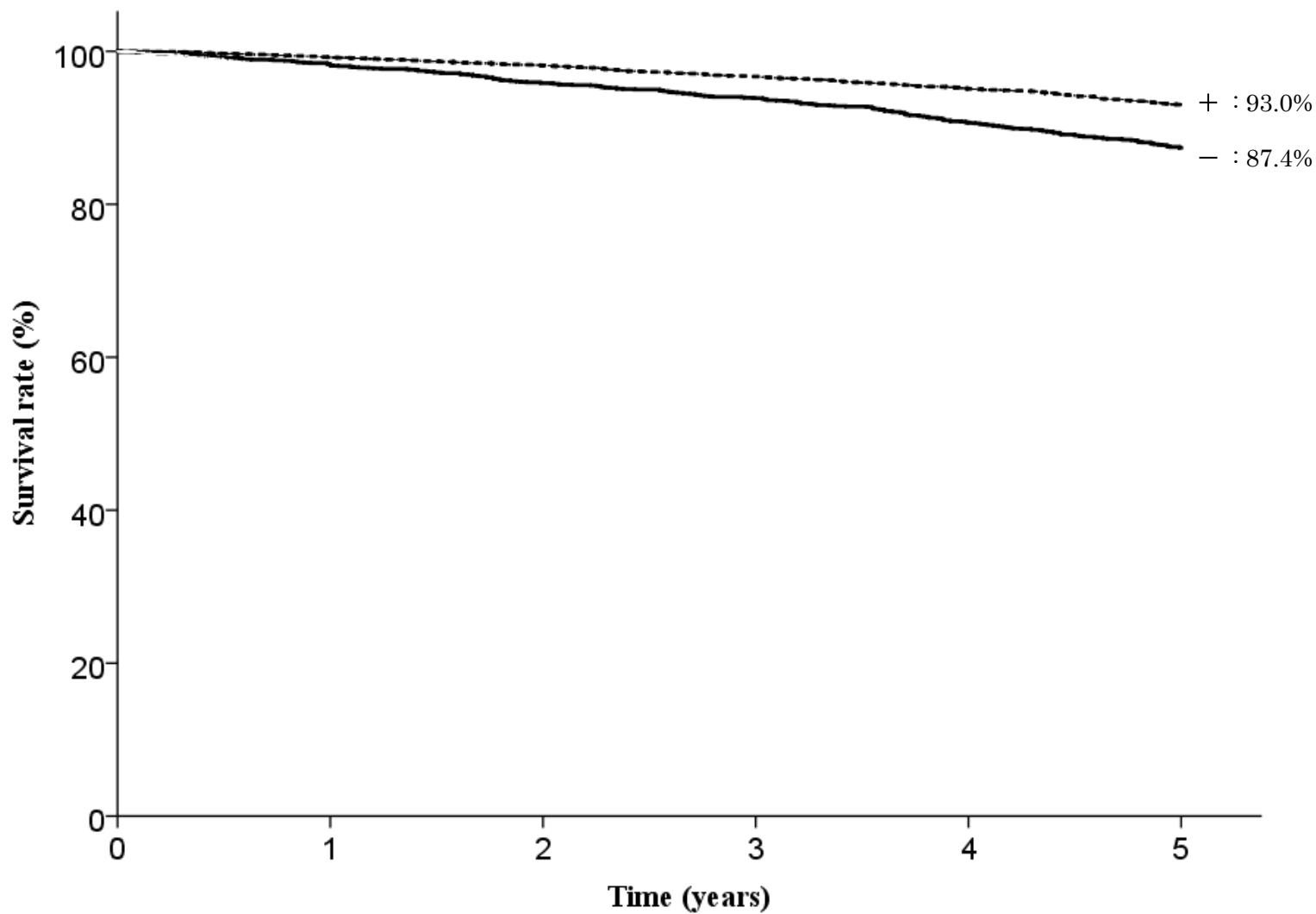


Fig. 23. Five year survival rates stratified by *H. pylori* infection

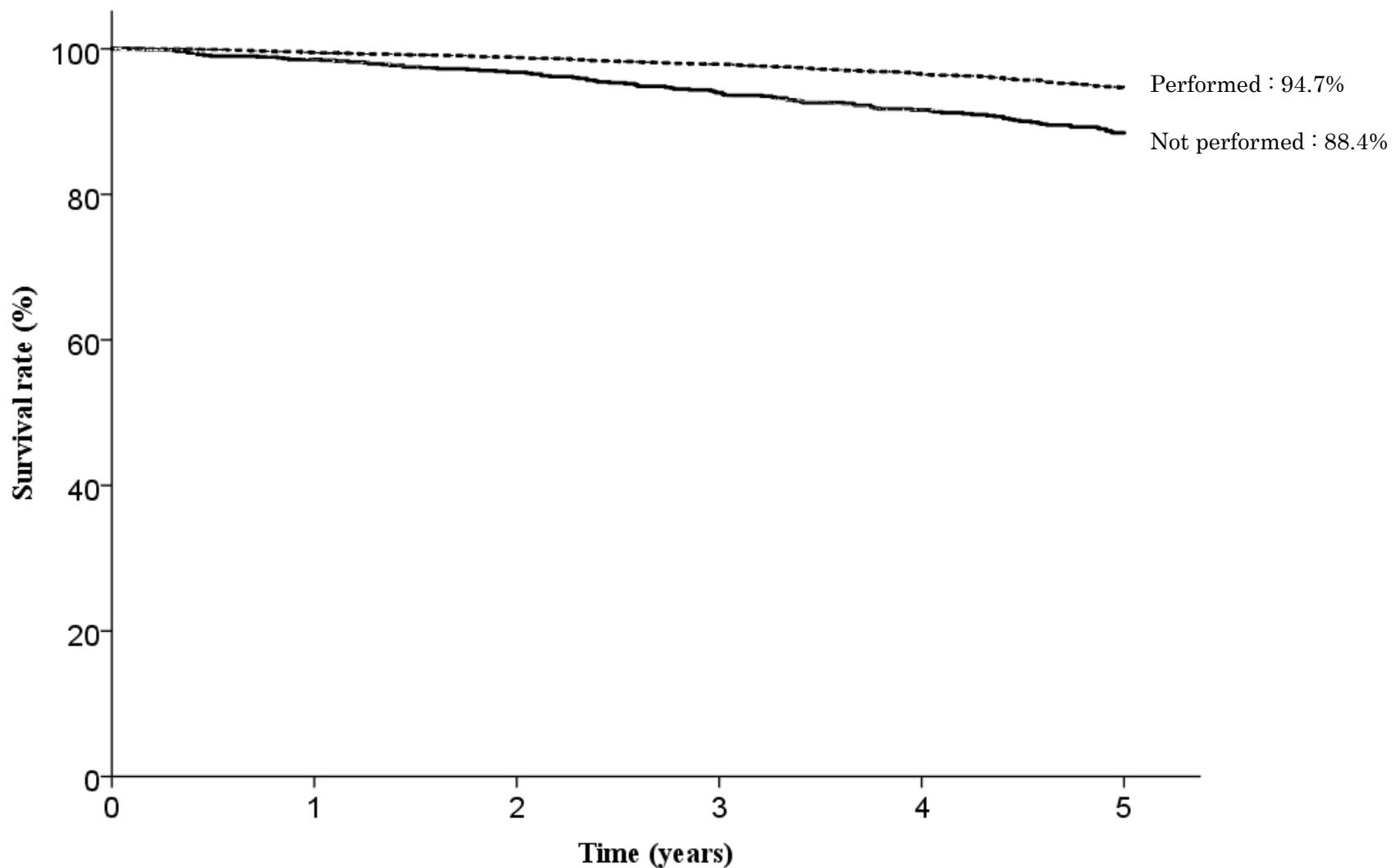


Fig. 24. Five year survival rates stratified by Eradication therapy
in H. pylori - positive cases

Table1. EMR/ESD

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| EMR/ESD | 9,705 | 6 | 1,844 | 98.5 | 96.7 | 94.5 | 92.1 | 89.2 | 0.3 | 6,940 | 38 | 5 | 5 | 5 | 9 | 0 | 252 | 368 | 239 |

Table2. Age

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| -39 | 27 | 0 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | - | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 40-59 | 754 | 0 | 126 | 99.3 | 99.0 | 98.4 | 98.1 | 97.8 | 0.6 | 613 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 6 | 2 |
| 60-79 | 6,923 | 5 | 1,172 | 99.0 | 97.4 | 95.5 | 93.7 | 91.2 | 0.4 | 5,211 | 27 | 1 | 3 | 4 | 6 | 0 | 181 | 191 | 127 |
| 80- | 2,001 | 1 | 545 | 96.7 | 93.2 | 89.4 | 84.0 | 77.7 | 1.0 | 1,090 | 10 | 4 | 1 | 1 | 3 | 0 | 66 | 171 | 110 |

Table3. Sex

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| Male | 7,263 | 6 | 1,350 | 98.3 | 96.2 | 93.7 | 91.1 | 87.8 | 0.4 | 5,132 | 34 | 5 | 4 | 3 | 8 | 0 | 217 | 315 | 195 |
| Female | 2,442 | 0 | 494 | 99.1 | 98.0 | 97.0 | 95.3 | 93.4 | 0.5 | 1,808 | 4 | 0 | 1 | 2 | 1 | 0 | 35 | 53 | 44 |

Table4. Prior endoscopic treatment

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|-----------------------------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| Prior endoscopic treatment (-) | 9,409 | 6 | 1,776 | 98.5 | 96.7 | 94.5 | 92.1 | 89.2 | 0.3 | 6,738 | 37 | 5 | 5 | 5 | 9 | 0 | 247 | 355 | 232 |
| Prior endoscopic treatment (+) | 292 | 0 | 68 | 98.5 | 96.6 | 93.8 | 92.2 | 89.5 | 1.9 | 198 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 13 | 7 |

Table5. Stomach condition

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|-----------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| Normal stomach | 9,333 | 6 | 1,781 | 98.6 | 96.8 | 94.7 | 92.3 | 89.5 | 0.3 | 6,695 | 34 | 3 | 5 | 4 | 7 | 0 | 238 | 345 | 221 |
| Remnant stomach | 305 | 0 | 54 | 97.6 | 94.1 | 90.4 | 87.8 | 81.9 | 2.4 | 202 | 3 | 1 | 0 | 1 | 2 | 0 | 11 | 16 | 15 |
| Gastric tube | 65 | 0 | 9 | 98.4 | 92.0 | 87.2 | 83.7 | 76.5 | 5.5 | 42 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 6 | 3 |

Table6. Tumor location

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-toneal | liver rec | R | other cancer | other disease | un-known |
|--------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|-------------|-----------|---|--------------|---------------|----------|
| Upper third | 1,575 | 2 | 294 | 98.5 | 96.2 | 94.1 | 91.8 | 88.6 | 0.9 | 1,123 | 6 | 2 | 2 | 1 | 1 | 0 | 48 | 55 | 43 |
| Middle third | 3,605 | 3 | 623 | 98.4 | 96.8 | 94.6 | 91.9 | 89.3 | 0.5 | 2,637 | 10 | 1 | 0 | 2 | 7 | 0 | 88 | 143 | 94 |
| Lower third | 4,503 | 1 | 926 | 98.6 | 96.8 | 94.6 | 92.4 | 89.4 | 0.5 | 3,163 | 21 | 1 | 3 | 2 | 1 | 0 | 116 | 169 | 101 |

Table7. Cross-sectional parts

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-toneal | liver rec | R | other cancer | other disease | un-known |
|------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|-------------|-----------|---|--------------|---------------|----------|
| Less | 4,017 | 1 | 783 | 98.9 | 96.9 | 95.1 | 93.1 | 90.3 | 0.5 | 2,892 | 14 | 1 | 3 | 3 | 4 | 0 | 89 | 144 | 84 |
| Gre | 2,005 | 0 | 362 | 98.3 | 96.5 | 94.3 | 91.3 | 88.2 | 0.8 | 1,435 | 9 | 1 | 0 | 0 | 2 | 0 | 64 | 81 | 51 |
| Ant | 1,630 | 0 | 310 | 98.7 | 96.7 | 94.2 | 92.1 | 89.6 | 0.8 | 1,171 | 4 | 0 | 2 | 0 | 1 | 0 | 39 | 64 | 39 |
| Post | 1,981 | 5 | 378 | 97.9 | 96.8 | 94.1 | 91.2 | 88.2 | 0.8 | 1,397 | 8 | 1 | 0 | 2 | 2 | 0 | 56 | 76 | 61 |

Table8. Macroscopic type

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-toneal | liver rec | R | other cancer | other disease | un-known |
|----------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|-------------|-----------|---|--------------|---------------|----------|
| Depressed type | 5,165 | 4 | 945 | 98.9 | 97.3 | 95.2 | 93.1 | 90.8 | 0.4 | 3,799 | 18 | 0 | 2 | 3 | 7 | 0 | 122 | 158 | 111 |
| Elevated type | 3,627 | 2 | 729 | 98.0 | 96.1 | 93.9 | 91.2 | 87.5 | 0.6 | 2,504 | 11 | 1 | 3 | 2 | 1 | 0 | 104 | 174 | 98 |
| Mixed type | 846 | 0 | 160 | 98.4 | 95.8 | 93.2 | 90.0 | 86.5 | 1.3 | 586 | 9 | 3 | 0 | 0 | 1 | 0 | 24 | 35 | 28 |
| Others | 17 | 0 | 2 | 100.0 | 93.8 | 93.8 | 93.8 | 93.8 | 6.1 | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

Table9. Method of endoscopic resection

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-toneal | liver rec | R | other cancer | other disease | un-known |
|------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|-------------|-----------|---|--------------|---------------|----------|
| ESD | 9,572 | 6 | 1,815 | 98.5 | 96.7 | 94.5 | 92.2 | 89.2 | 0.3 | 6,848 | 37 | 5 | 5 | 5 | 9 | 0 | 249 | 363 | 236 |
| EMR | 129 | 0 | 27 | 98.4 | 96.6 | 93.9 | 90.1 | 90.1 | 2.8 | 91 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 3 |
| Others | 4 | 0 | 2 | 100.0 | 100.0 | 100.0 | 50.0 | 50.0 | 35.4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |

Table10. En-bloc or piecemeal resection

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-toneal | liver rec | R | other cancer | other disease | un-known |
|---------------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|-------------|-----------|---|--------------|---------------|----------|
| En-bloc resection | 9,585 | 6 | 1,823 | 98.6 | 96.8 | 94.6 | 92.3 | 89.3 | 0.3 | 6,863 | 37 | 5 | 5 | 5 | 8 | 0 | 247 | 358 | 234 |
| Piecemeal resection | 113 | 0 | 20 | 96.2 | 92.3 | 87.2 | 81.8 | 80.7 | 4.0 | 74 | 1 | 0 | 0 | 0 | 1 | 0 | 4 | 8 | 5 |

Table11. Bleeding requiring emergency surgery

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| Presence | 51 | 0 | 11 | 95.7 | 86.6 | 81.9 | 77.1 | 74.5 | 6.7 | 29 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 1 |
| Absence | 9,648 | 6 | 1,830 | 98.5 | 96.7 | 94.6 | 92.2 | 89.2 | 0.3 | 6,908 | 37 | 5 | 5 | 5 | 9 | 0 | 249 | 362 | 238 |

Table12. Perforation requiring emergency surgery

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| Presence | 27 | 0 | 5 | 96.2 | 96.2 | 92.1 | 92.1 | 92.1 | 5.3 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Absence | 9,667 | 6 | 1,838 | 98.5 | 96.7 | 94.6 | 92.1 | 89.2 | 0.3 | 6,912 | 38 | 5 | 5 | 5 | 9 | 0 | 251 | 367 | 237 |

Table13. Histological type

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| pap | 191 | 0 | 38 | 98.3 | 96.6 | 94.2 | 92.4 | 90.5 | 2.3 | 137 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 2 |
| tub1 | 7,617 | 5 | 1,477 | 98.6 | 96.8 | 94.8 | 92.4 | 89.3 | 0.4 | 5,427 | 25 | 1 | 3 | 3 | 4 | 0 | 188 | 294 | 195 |
| tub2 | 1,368 | 1 | 253 | 98.2 | 96.2 | 93.7 | 91.0 | 88.5 | 0.9 | 977 | 8 | 4 | 0 | 1 | 1 | 0 | 44 | 52 | 28 |
| por | 228 | 0 | 30 | 97.8 | 95.0 | 90.3 | 88.4 | 86.5 | 2.3 | 169 | 4 | 0 | 2 | 1 | 3 | 0 | 6 | 6 | 7 |
| sig | 239 | 0 | 33 | 99.1 | 98.7 | 96.8 | 95.0 | 93.5 | 1.7 | 192 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 4 |
| muc | 5 | 0 | 0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 17.9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Others | 41 | 0 | 6 | 100.0 | 92.5 | 92.5 | 81.8 | 78.8 | 6.7 | 27 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 3 | 2 |
| Inconclusive | 7 | 0 | 2 | 100.0 | 100.0 | 100.0 | 85.7 | 85.7 | 13.2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |

Table14. Depth of tumor invasion

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| M | 8,209 | 4 | 1,596 | 98.7 | 97.0 | 95.1 | 93.0 | 90.1 | 0.4 | 5,902 | 19 | 1 | 2 | 2 | 1 | 0 | 198 | 303 | 185 |
| SM1 | 693 | 1 | 126 | 98.2 | 96.4 | 93.7 | 90.1 | 87.5 | 1.3 | 489 | 6 | 0 | 1 | 0 | 3 | 0 | 27 | 21 | 20 |
| SM2 or deeper than SM2 | 759 | 1 | 115 | 97.2 | 94.3 | 89.8 | 85.3 | 81.9 | 1.5 | 519 | 13 | 4 | 2 | 3 | 5 | 0 | 25 | 43 | 30 |
| Others | 11 | 0 | 2 | 100.0 | 90.9 | 90.9 | 70.7 | 70.7 | 14.3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Inconclusive | 13 | 0 | 2 | 100.0 | 100.0 | 100.0 | 90.9 | 90.9 | 8.7 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

Table15. Lymphatic invasion(ly)

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| ly(-) | 9,151 | 6 | 1,747 | 98.7 | 96.9 | 94.9 | 92.7 | 89.8 | 0.3 | 6,584 | 26 | 1 | 3 | 3 | 4 | 0 | 230 | 335 | 218 |
| ly(+) | 482 | 0 | 84 | 96.2 | 92.4 | 88.1 | 82.8 | 78.8 | 2.0 | 306 | 11 | 4 | 2 | 2 | 5 | 0 | 18 | 31 | 19 |
| Inconclusive | 27 | 0 | 4 | 96.2 | 96.2 | 96.2 | 91.8 | 87.4 | 6.8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |

Table16. Venous invasion(v)

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| v(-) | 9,335 | 6 | 1,786 | 98.7 | 96.9 | 94.8 | 92.6 | 89.6 | 0.3 | 6,699 | 29 | 1 | 3 | 2 | 6 | 0 | 240 | 345 | 224 |
| v(+) | 301 | 0 | 47 | 95.2 | 91.1 | 85.6 | 79.5 | 77.1 | 2.5 | 191 | 8 | 4 | 2 | 3 | 3 | 0 | 8 | 21 | 14 |
| Inconclusive | 25 | 0 | 2 | 95.8 | 95.8 | 95.8 | 91.5 | 91.5 | 5.8 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

Table17. UL

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| UL(-) | 8,253 | 6 | 1,591 | 98.6 | 96.7 | 94.6 | 92.2 | 89.4 | 0.4 | 5,894 | 31 | 2 | 5 | 4 | 8 | 0 | 209 | 313 | 196 |
| UL(+) | 880 | 0 | 137 | 98.5 | 96.7 | 94.1 | 92.3 | 89.3 | 1.1 | 658 | 4 | 0 | 0 | 1 | 1 | 0 | 24 | 32 | 23 |
| Inconclusive | 112 | 0 | 26 | 98.1 | 96.2 | 95.2 | 90.9 | 87.6 | 3.4 | 74 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 5 |

Table18. Horizontal margin

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| HM0 | 9,226 | 6 | 1,768 | 98.5 | 96.7 | 94.6 | 92.3 | 89.3 | 0.3 | 6,597 | 35 | 3 | 5 | 4 | 8 | 0 | 240 | 345 | 221 |
| HM1 | 226 | 0 | 39 | 97.7 | 95.0 | 91.6 | 88.0 | 85.9 | 2.4 | 158 | 2 | 2 | 0 | 1 | 0 | 0 | 7 | 10 | 7 |
| HMX | 253 | 0 | 37 | 98.8 | 97.5 | 94.1 | 90.9 | 86.3 | 2.3 | 185 | 1 | 0 | 0 | 0 | 1 | 0 | 5 | 13 | 11 |

Table19. Vertical margin

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri- toneal | liver rec | R | other cancer | other disease | un- known |
|------------|-----------------|-----------------|-----------|--------|--------|--------|--------|--------|---------------|-------|--------------------|---------------|----------------|-----------------|-----------|---|-----------------|------------------|--------------|
| VM0 | 9,303 | 6 | 1,793 | 98.6 | 96.8 | 94.8 | 92.4 | 89.5 | 0.3 | 6,654 | 30 | 1 | 5 | 4 | 6 | 0 | 240 | 348 | 222 |
| VM1 | 227 | 0 | 29 | 95.9 | 92.6 | 85.3 | 81.8 | 79.3 | 2.8 | 155 | 6 | 3 | 0 | 1 | 3 | 0 | 8 | 11 | 11 |
| VMX | 175 | 0 | 22 | 97.1 | 95.9 | 94.6 | 90.2 | 86.2 | 2.7 | 131 | 2 | 1 | 0 | 0 | 0 | 0 | 4 | 9 | 6 |

Table20. En-bloc resection with tumor-free margins

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-tonal | liver rec | R | other cancer | other disease | un-known |
|---|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|------------|-----------|---|--------------|---------------|----------|
| En-bloc resection with tumor-free margins | 8,967 | 6 | 1,742 | 98.6 | 96.8 | 94.8 | 92.5 | 89.6 | 0.3 | 6,409 | 28 | 1 | 5 | 4 | 6 | 0 | 232 | 328 | 212 |
| Positive or inconclusive resected margins | 738 | 0 | 102 | 97.4 | 95.2 | 91.6 | 87.6 | 84.4 | 1.4 | 531 | 10 | 4 | 0 | 1 | 3 | 0 | 20 | 40 | 27 |

Table21. Curability

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-tonal | liver rec | R | other cancer | other disease | un-known |
|--|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|------------|-----------|---|--------------|---------------|----------|
| Curative resection | 5,191 | 1 | 1,047 | 99.0 | 97.4 | 95.6 | 93.7 | 90.6 | 0.4 | 3,721 | 11 | 0 | 0 | 2 | 1 | 0 | 122 | 179 | 108 |
| Curative resection for expanded indication | 2,570 | 2 | 485 | 98.3 | 96.3 | 94.2 | 92.2 | 89.3 | 0.7 | 1,844 | 5 | 1 | 2 | 0 | 2 | 0 | 70 | 95 | 66 |
| Non-curative resection | 1,944 | 3 | 312 | 97.7 | 95.3 | 92.1 | 88.1 | 85.4 | 0.8 | 1,375 | 22 | 4 | 3 | 3 | 6 | 0 | 60 | 94 | 65 |

Table22. Subsequent treatment for non-curative resection

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-tonal | liver rec | R | other cancer | other disease | un-known |
|-------------------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|------------|-----------|---|--------------|---------------|----------|
| No additional treatment | 1,201 | 3 | 222 | 97.0 | 94.2 | 90.6 | 85.8 | 82.8 | 1.2 | 794 | 16 | 4 | 3 | 1 | 4 | 0 | 42 | 60 | 55 |
| Surgery | 686 | 0 | 73 | 98.7 | 97.0 | 94.7 | 92.0 | 90.0 | 1.2 | 549 | 5 | 0 | 0 | 2 | 2 | 0 | 15 | 31 | 9 |
| Endoscopic resection | 16 | 0 | 2 | 100.0 | 100.0 | 100.0 | 93.8 | 80.8 | 10.0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| Endoscopic ablation | 28 | 0 | 8 | 100.0 | 96.0 | 91.6 | 87.1 | 87.1 | 7.0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Others | 7 | 0 | 2 | 100.0 | 100.0 | 66.7 | 66.7 | 66.7 | 19.2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

Table23.*H. pylori* infection

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-tonal | liver rec | R | other cancer | other disease | un-known |
|------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|------------|-----------|---|--------------|---------------|----------|
| (-) | 2,085 | 1 | 356 | 98.2 | 95.8 | 93.9 | 90.7 | 87.4 | 0.8 | 1,494 | 11 | 3 | 2 | 0 | 1 | 0 | 61 | 85 | 72 |
| (+) | 4,901 | 2 | 808 | 99.2 | 98.1 | 96.7 | 95.1 | 93.0 | 0.4 | 3,787 | 14 | 0 | 0 | 3 | 3 | 0 | 88 | 120 | 78 |

Table24. Eradication therapy in *H. pylori*-positive cases

| categories | total number | direct death | lost f.u. | 1yr(%) | 2yr(%) | 3yr(%) | 4yr(%) | 5yr(%) | S.E.at 5yr | alive | primary disease | local rec. | lymph node. | peri-tonal | liver rec | R | other cancer | other disease | un-known |
|---------------|--------------|--------------|-----------|--------|--------|--------|--------|--------|------------|-------|-----------------|------------|-------------|------------|-----------|---|--------------|---------------|----------|
| Not performed | 944 | 0 | 195 | 98.5 | 96.8 | 94.0 | 91.6 | 88.4 | 1.1 | 655 | 3 | 0 | 0 | 0 | 1 | 0 | 29 | 40 | 21 |
| Performed | 3,443 | 1 | 527 | 99.5 | 98.8 | 97.9 | 96.5 | 94.7 | 0.4 | 2,751 | 6 | 0 | 0 | 2 | 2 | 0 | 47 | 60 | 48 |