

outcome-tables.knit

75% confidence level

overall

pre.training

post.training

absolute.difference

relative.difference

Post training outcome Standard care vs. ATLS

Post training outcome Standard care vs. PTC

Post training outcome ATLS vs. PTC

Change from baseline Standard care vs. ATLS

Change from baseline Standard care vs. PTC

Change from baseline ATLS vs. PTC

85% confidence level

overall

pre.training

post.training

absolute.difference

relative.difference

Post training outcome Standard care vs. ATLS

Post training outcome Standard care vs. PTC

Post training outcome ATLS vs. PTC

Change from baseline Standard care vs. ATLS

Change from baseline Standard care vs. PTC

Change from baseline ATLS vs. PTC

95% confidence level

overall

pre.training

post.training

absolute.difference

relative.difference

Post training outcome Standard care vs. ATLS

Post training outcome Standard care vs. PTC

Post training outcome ATLS vs. PTC

Change from baseline Standard care vs. ATLS

Change from baseline Standard care vs. PTC

Change from baseline ATLS vs. PTC

75% confidence level

overall

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|-------------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 2.50 (-0.60, 5.00) | 7.30 (4.60, 10.10) | 13.00 (10.00, 16.00) |
| No | 98.00 (96.00, 102.00) | 93.00 (91.00, 96.00) | 87.00 (84.00, 90.00) |
| Missing | 4.00 (2.00, 6.00) | 20.00 (15.00, 25.00) | 29.00 (23.00, 35.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.50 (0.00, 1.00) |
| No | | | 99.00 (98.00, 99.00) |
| Missing | 4.00 (2.00, 6.00) | 13.00 (9.00, 17.00) | 7.00 (4.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 2.30 (-0.50, 4.60) | 5.40 (3.10, 7.70) | 11.00 (9.00, 13.90) |
| No | 98.00 (96.00, 101.00) | 95.00 (93.00, 98.00) | 90.00 (88.00, 93.00) |
| Missing | 1.00 (0.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (1.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 97.00 (94.00, 100.00) | 97.00 (96.00, 100.00) | 98.00 (97.00, 100.00) |
| No | 2.80 (-0.50, 5.60) | 3.40 (1.30, 5.10) | 2.30 (1.00, 3.50) |
| Missing | 8.00 (5.00, 11.00) | 11.00 (7.00, 15.00) | 26.00 (20.00, 32.00) |
| Return to work | | | |
| Yes | 64.00 (53.00, 75.00) | 72.00 (67.00, 78.00) | 51.00 (47.00, 56.87) |
| No | 36.00 (25.00, 47.00) | 28.00 (22.00, 33.00) | 49.00 (43.13, 53.00) |
| Missing | 19.00 (14.00, 24.00) | 31.00 (25.00, 37.00) | 68.00 (59.00, 77.00) |
| Pulmonary complication | | | |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|-----------------------|-----------------------|-------------------------------|
| Yes | 0.00 (0.00, 0.00) | 0.90 (-0.10, 1.80) | 0.00 (0.00, 0.00) |
| No | | 99.00 (98.00, 100.00) | |
| Missing | 11.00 (7.00, 15.00) | 21.00 (16.00, 27.00) | 35.00 (28.00, 41.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.70 (1.60, 5.60) | 1.20 (0.20, 2.40) |
| No | | 96.00 (94.00, 98.00) | 99.00 (98.00, 100.00) |
| Missing | 11.00 (7.00, 15.00) | 22.00 (17.00, 28.00) | 34.00 (27.00, 40.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 10.00 (7.00, 13.00) | 21.00 (16.00, 27.00) | 33.00 (26.00, 39.00) |
| Coagulopathy | | | |
| Yes | 3.00 (-0.70, 6.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 97.00 (94.00, 101.00) | | |
| Missing | 11.00 (7.00, 15.00) | 22.00 (17.00, 28.00) | 33.00 (26.00, 39.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 1.80 (0.20, 3.60) | 1.90 (0.60, 3.20) |
| No | | 98.00 (96.00, 99.00) | 98.00 (97.00, 99.00) |
| Missing | 10.00 (6.00, 13.00) | 20.00 (15.00, 26.00) | 43.00 (36.00, 50.00) |
| Failure of conservative management | | | |
| No | 94.00 (88.00, 100.00) | 98.00 (96.00, 99.00) | 99.00 (98.00, 100.00) |
| Yes | 6.50 (1.00, 13.00) | 1.90 (0.30, 3.80) | 1.30 (0.20, 2.60) |
| Missing | 13.00 (9.00, 17.00) | 23.00 (18.00, 29.00) | 46.00 (38.00, 53.00) |
| EQ-5D mobility at discharge | | | |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|----------------------|----------------------|-------------------------------|
| I have no problems in walking | 80.00 (72.00, 89.00) | 88.00 (84.00, 92.00) | 62.00 (58.00, 67.00) |
| I have some problems in walking | 10.00 (4.00, 16.30) | 7.90 (4.80, 10.70) | 18.00 (14.00, 21.00) |
| I am confined to bed | 10.00 (3.00, 16.30) | 4.00 (1.90, 6.10) | 20.00 (16.00, 24.00) |
| Missing | 14.00 (10.00, 18.00) | 29.00 (23.00, 35.00) | 45.00 (37.00, 52.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 63.00 (53.00, 73.00) | 83.00 (79.00, 87.00) | 52.00 (47.00, 56.00) |
| I have some problems bathing or dressing myself | 13.00 (5.00, 19.90) | 9.90 (6.80, 13.30) | 27.00 (23.00, 31.00) |
| I am unable to bathe or dress myself | 23.00 (13.00, 32.00) | 6.90 (4.00, 9.79) | 21.00 (17.00, 25.00) |
| Missing | 14.00 (10.00, 18.00) | 29.00 (23.00, 35.00) | 45.00 (37.00, 52.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 57.00 (47.00, 68.00) | 81.00 (77.00, 85.00) | 48.00 (43.00, 52.00) |
| I have some problems in performing my usual activities | 23.00 (14.00, 32.00) | 11.00 (7.00, 14.60) | 36.00 (32.00, 40.87) |
| I am unable to perform my usual activities | 20.00 (11.00, 28.00) | 7.90 (4.80, 11.00) | 16.00 (13.00, 19.00) |
| Missing | 14.00 (10.00, 18.00) | 29.00 (23.00, 35.00) | 45.00 (37.00, 52.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 43.00 (32.00, 54.00) | 52.00 (45.00, 57.00) | 27.00 (23.00, 30.87) |
| I have moderate pain or discomfort | 57.00 (46.00, 68.00) | 44.00 (39.00, 51.00) | 36.00 (31.00, 40.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 4.00 (1.90, 6.10) | 36.00 (31.00, 40.00) |
| Missing | 14.00 (10.00, 18.00) | 29.00 (23.00, 35.00) | 45.00 (37.00, 52.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 70.00 (61.00, 80.00) | 86.00 (82.00, 90.00) | 89.00 (87.00, 92.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|----------------------|----------------------|-------------------------------|
| I am moderately anxious or depressed | 30.00 (20.00, 39.00) | 13.00 (10.00, 17.00) | 9.60 (7.20, 12.30) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-0.10, 2.00) | 1.90 (0.60, 3.20) |
| Missing | 14.00 (10.00, 18.00) | 29.00 (23.00, 35.00) | 45.00 (37.00, 52.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 77.00 (68.00, 87.00) | 95.00 (93.00, 97.00) | 74.00 (69.00, 78.00) |
| I have some problems in walking | 19.00 (9.00, 28.00) | 3.00 (1.11, 5.00) | 16.00 (12.00, 20.00) |
| I am confined to bed | 3.80 (-1.10, 7.60) | 2.00 (0.20, 4.00) | 9.80 (6.60, 12.70) |
| Missing | 18.00 (13.00, 23.00) | 29.00 (24.00, 35.00) | 69.00 (60.00, 77.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 81.00 (72.00, 91.00) | 94.00 (91.00, 96.00) | 77.00 (73.00, 81.00) |
| I have some problems bathing or dressing myself | 12.00 (5.00, 19.70) | 2.00 (0.50, 3.20) | 13.00 (10.00, 16.50) |
| I am unable to bathe or dress myself | 7.70 (1.40, 15.40) | 4.00 (1.80, 6.10) | 9.80 (6.60, 12.80) |
| Missing | 18.00 (13.00, 23.00) | 29.00 (24.00, 35.00) | 69.00 (60.00, 77.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 81.00 (72.00, 91.00) | 93.00 (90.00, 96.00) | 79.00 (75.00, 83.00) |
| I have some problems in performing my usual activities | 12.00 (5.00, 19.20) | 3.00 (1.10, 5.00) | 14.00 (11.00, 18.00) |
| I am unable to perform my usual activities | 7.70 (1.40, 15.40) | 4.00 (1.80, 6.10) | 7.50 (5.00, 10.00) |
| Missing | 18.00 (13.00, 23.00) | 29.00 (24.00, 35.00) | 69.00 (60.00, 77.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 77.00 (67.00, 87.00) | 82.00 (78.00, 86.00) | 78.00 (74.00, 82.00) |
| I have moderate pain or discomfort | 23.00 (13.00, 33.00) | 17.00 (13.00, 21.00) | 20.00 (15.00, 24.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|---|-----------------------------|----------------------------|-------------------------------|
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 1.00 (-0.10, 2.00) | 1.50 (0.10, 2.40) |
| Missing | 18.00 (13.00, 23.00) | 29.00 (24.00, 35.00) | 69.00 (60.00, 77.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 88.00 (81.00, 95.00) | 92.00 (89.00, 95.00) | 95.00 (92.00, 96.00) |
| I am moderately anxious or depressed | 12.00 (5.00, 19.20) | 6.90 (3.80, 9.70) | 3.80 (2.00, 6.00) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-0.10, 2.00) | 0.80 (0.00, 1.60) |
| Missing | 18.00 (13.00, 23.00) | 29.00 (24.00, 35.00) | 69.00 (60.00, 77.00) |
| Patient satisfaction | | | |
| Very satisfied | 74.00 (66.13, 82.00) | 85.00 (81.00, 89.00) | 69.00 (65.00, 72.00) |
| Somewhat satisfied | 21.00 (13.00, 28.00) | 9.90 (6.80, 13.10) | 16.00 (12.00, 19.00) |
| Somewhat dissatisfied | 2.60 (-0.50, 5.20) | 1.70 (0.30, 2.70) | 9.00 (6.00, 11.30) |
| Very dissatisfied | 2.60 (-0.50, 5.20) | 3.30 (1.50, 5.00) | 5.10 (3.20, 6.90) |
| Missing | 6.00 (3.00, 9.00) | 9.00 (6.00, 12.00) | 25.00 (19.00, 30.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 13.00 (9.00, 17.00) | 19.00 (14.00, 24.00) | 36.00 (29.00, 42.00) |
| EQ-5D health state at discharge | | | |
| | 60.00 (45.00, 60.00) | 80.00 (70.00, 80.00) | 50.00 (40.00, 81.75) |
| Missing | 15.00 (10.00, 19.00) | 35.00 (28.00, 42.00) | 58.00 (49.00, 66.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | 88.00 (76.00, 96.00) | 100.00 (100.00, 100.00) | 80.00 (65.00, 110.00) |
| Missing | 18.00 (13.00, 23.00) | 32.00 (26.00, 38.00) | 75.00 (65.00, 84.00) |
| Cost of treatment | | | |
| | 5000.00 (-500.00, 10000.00) | 2000.00 (2000.00, 2500.00) | 3000.00 (-2000.00, 4000.00) |
| Missing | 35.00 (28.00, 42.00) | 39.00 (32.00, 46.00) | 113.00 (103.00, 123.00) |

pre.training

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|
| 30 day mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 10.00 (5.00, 14.79) | 2.60 (-0.50, 5.20) |
| No | | 90.00 (85.00, 95.00) | 97.00 (94.00, 100.00) |
| Missing | 2.00 (0.00, 4.00) | 8.00 (5.00, 11.00) | 3.00 (1.00, 5.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.40 (-0.50, 4.80) |
| No | | | 98.00 (96.00, 101.00) |
| Missing | 2.00 (0.00, 4.00) | 5.00 (2.00, 7.00) | 0.00 (0.00, 0.00) |
| In-hospital mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 7.00 (3.00, 10.70) | 4.90 (0.70, 9.80) |
| No | | 93.00 (89.00, 97.00) | 95.00 (90.00, 99.00) |
| Missing | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Self-ambulatory at discharge | | | |
| Yes | 92.00 (84.00, 101.87) | 96.00 (94.00, 100.00) | 95.00 (90.00, 100.00) |
| No | 8.30 (-1.27, 16.60) | 4.10 (0.50, 6.60) | 5.10 (0.40, 10.20) |
| Missing | 4.00 (2.00, 6.00) | 8.00 (5.00, 11.00) | 2.00 (0.00, 4.00) |
| Return to work | | | |
| Yes | 83.00 (66.00, 102.12) | 74.00 (67.00, 82.00) | 41.00 (30.00, 51.00) |
| No | 17.00 (-2.25, 34.00) | 26.00 (18.00, 33.00) | 59.00 (49.00, 70.00) |
| Missing | 10.00 (6.00, 14.00) | 15.00 (11.00, 19.00) | 12.00 (8.00, 16.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-0.40, 4.40) | 0.00 (0.00, 0.00) |
| No | | | |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|-----------------------|-----------------------|
| | | 98.00 (96.00, 101.00) | |
| Missing | 6.00 (3.00, 9.00) | 11.00 (7.00, 15.00) | 2.00 (0.00, 4.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 4.40 (0.90, 8.80) | 2.50 (-0.40, 5.00) |
| No | | 96.00 (92.00, 100.00) | 98.00 (96.00, 101.00) |
| Missing | 6.00 (3.00, 9.00) | 12.00 (8.00, 16.00) | 1.00 (0.00, 2.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (3.00, 7.00) | 11.00 (7.00, 15.00) | 1.00 (0.00, 2.00) |
| Coagulopathy | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 6.00 (3.00, 9.00) | 12.00 (8.00, 16.00) | 1.00 (0.00, 2.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 2.10 (-0.30, 4.20) | 0.00 (0.00, 0.00) |
| No | | 98.00 (96.00, 101.00) | |
| Missing | 4.00 (2.00, 6.00) | 10.00 (6.13, 14.00) | 1.00 (0.00, 2.00) |
| Failure of conservative management | | | |
| No | | 98.00 (96.00, 101.00) | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-0.30, 4.40) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (6.00, 14.00) | 11.00 (7.00, 15.00) | 2.00 (0.00, 4.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 67.00 (52.00, 84.00) | 83.00 (76.00, 90.00) | 62.00 (54.00, 72.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|----------------------|------------------------------|
| I have some problems in walking | 8.30 (-1.40, 16.60) | 12.00 (6.00, 17.30) | 18.00 (11.00, 25.00) |
| I am confined to bed | 25.00 (9.00, 40.00) | 4.90 (0.90, 9.80) | 21.00 (14.00, 29.00) |
| Missing | 4.00 (2.00, 6.00) | 16.00 (11.00, 20.00) | 2.00 (0.00, 4.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 58.00 (41.00, 74.00) | 80.00 (72.00, 87.00) | 59.00 (50.00, 68.00) |
| I have some problems bathing or dressing myself | 17.00 (5.00, 34.00) | 12.00 (6.00, 17.70) | 15.00 (8.00, 21.40) |
| I am unable to bathe or dress myself | 25.00 (9.00, 40.00) | 7.30 (1.60, 12.00) | 26.00 (18.00, 34.00) |
| Missing | 4.00 (2.00, 6.00) | 16.00 (11.00, 20.00) | 2.00 (0.00, 4.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 50.00 (33.00, 67.00) | 76.00 (69.00, 84.00) | 54.00 (45.00, 63.00) |
| I have some problems in performing my usual activities | 25.00 (10.00, 40.00) | 15.00 (9.00, 21.90) | 28.00 (20.00, 36.00) |
| I am unable to perform my usual activities | 25.00 (9.00, 40.00) | 9.80 (4.60, 14.90) | 18.00 (10.00, 25.00) |
| Missing | 4.00 (2.00, 6.00) | 16.00 (11.00, 20.00) | 2.00 (0.00, 4.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 33.00 (16.00, 48.00) | 34.00 (24.00, 43.00) | 33.00 (24.00, 41.00) |
| I have moderate pain or discomfort | 67.00 (52.00, 84.00) | 63.00 (54.00, 72.00) | 41.00 (31.00, 49.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.40 (-0.50, 4.80) | 26.00 (19.00, 35.00) |
| Missing | 4.00 (2.00, 6.00) | 16.00 (11.00, 20.00) | 2.00 (0.00, 4.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 50.00 (33.00, 67.00) | 73.00 (64.00, 81.00) | 79.00 (71.00, 85.00) |
| I am moderately anxious or depressed | 50.00 (33.00, 67.00) | 24.00 (16.00, 32.00) | 18.00 (12.00, 25.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|----------------------|------------------------------|
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.40 (-0.50, 4.80) | 2.60 (-0.20, 5.20) |
| Missing | 4.00 (2.00, 6.00) | 16.00 (11.00, 20.00) | 2.00 (0.00, 4.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 67.00 (34.00, 91.00) | 91.00 (86.00, 97.00) | 65.00 (56.00, 75.00) |
| I have some problems in walking | 17.00 (1.00, 34.00) | 7.00 (2.00, 11.60) | 13.00 (6.00, 19.90) |
| I am confined to bed | 17.00 (-2.25, 34.00) | 2.30 (-0.80, 4.60) | 23.00 (15.00, 32.00) |
| Missing | 10.00 (6.00, 14.00) | 14.00 (10.00, 18.00) | 10.00 (7.00, 14.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 83.00 (66.00, 99.00) | 91.00 (87.00, 97.00) | 71.00 (61.00, 80.00) |
| I have some problems bathing or dressing myself | 17.00 (1.00, 34.00) | 4.70 (0.90, 7.60) | 6.50 (1.00, 10.70) |
| I am unable to bathe or dress myself | 0.00 (0.00, 0.00) | 4.70 (0.60, 7.59) | 23.00 (15.00, 32.00) |
| Missing | 10.00 (6.00, 14.00) | 14.00 (10.00, 18.00) | 10.00 (7.00, 14.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | | 91.00 (87.00, 97.00) | 71.00 (61.00, 80.87) |
| I have some problems in performing my usual activities | 0.00 (0.00, 0.00) | 4.70 (0.90, 7.60) | 19.00 (10.00, 27.00) |
| I am unable to perform my usual activities | 0.00 (0.00, 0.00) | 4.70 (0.60, 7.59) | 9.70 (2.53, 16.09) |
| Missing | 10.00 (6.00, 14.00) | 14.00 (10.00, 18.00) | 10.00 (7.00, 14.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 67.00 (34.00, 91.00) | 77.00 (70.00, 85.00) | 74.00 (65.00, 83.00) |
| I have moderate pain or discomfort | 33.00 (9.00, 66.00) | 21.00 (13.00, 28.00) | 26.00 (17.00, 35.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.30 (-0.40, 4.60) | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|---|--------------------------|-----------------------------|-------------------------------|
| Missing | 10.00 (6.00, 14.00) | 14.00 (10.00, 18.00) | 10.00 (7.00, 14.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | | 86.00 (80.00, 92.00) | 97.00 (94.00, 101.00) |
| I am moderately anxious or depressed | 0.00 (0.00, 0.00) | 12.00 (6.00, 17.90) | 3.20 (-0.59, 6.40) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.30 (-0.40, 4.60) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (6.00, 14.00) | 14.00 (10.00, 18.00) | 10.00 (7.00, 14.00) |
| Patient satisfaction | | | |
| Very satisfied | 64.00 (49.00, 78.00) | 73.00 (66.00, 80.87) | 67.00 (58.00, 76.00) |
| Somewhat satisfied | 36.00 (22.00, 51.00) | 16.00 (10.00, 22.00) | 23.00 (15.00, 31.00) |
| Somewhat dissatisfied | 0.00 (0.00, 0.00) | 3.90 (0.50, 6.30) | 7.70 (2.40, 12.50) |
| Very dissatisfied | 0.00 (0.00, 0.00) | 7.80 (3.60, 11.80) | 2.60 (-0.20, 5.20) |
| Missing | 2.00 (0.00, 4.00) | 6.00 (3.00, 9.00) | 2.00 (0.00, 4.00) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (6.00, 14.00) | 8.00 (5.00, 11.00) | 2.00 (0.00, 4.00) |
| EQ-5D health state at discharge | 60.00 (40.00, 70.00) | 80.00 (80.00, 87.00) | 50.00 (20.00, 96.00) |
| Missing | 5.00 (2.00, 8.00) | 16.00 (11.00, 20.00) | 10.00 (6.00, 14.00) |
| EQ-5D health state at 30 day follow-up | 100.00 (100.00, 140.00) | 100.00 (100.00, 105.00) | 10.00 (-79.00, 11.00) |
| Missing | 10.00 (6.00, 14.00) | 15.00 (11.00, 19.00) | 14.00 (9.00, 18.00) |
| Cost of treatment | 7000.00 (0.00, 14000.00) | 2025.00 (-1950.00, 2300.00) | 14000.00 (-7000.00, 25000.00) |
| Missing | 14.00 (10.00, 18.00) | 18.00 (13.00, 23.00) | 23.00 (17.00, 28.00) |

post.training

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-1.10, 7.60) | 4.90 (1.60, 8.10) | 16.00 (12.00, 20.00) |
| No | 96.00 (92.00, 101.00) | 95.00 (92.00, 98.00) | 84.00 (80.00, 88.00) |
| Missing | 2.00 (0.00, 4.00) | 12.00 (8.00, 16.00) | 26.00 (20.00, 31.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 2.00 (0.00, 4.00) | 8.00 (5.00, 11.00) | 7.00 (4.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-0.86, 7.40) | 4.10 (1.31, 6.80) | 12.00 (9.00, 14.90) |
| No | 96.00 (92.00, 100.00) | 96.00 (93.00, 99.00) | 88.00 (85.00, 91.00) |
| Missing | 1.00 (0.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (1.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | | 97.00 (94.00, 100.00) | 99.00 (98.00, 101.00) |
| No | 0.00 (0.00, 0.00) | 2.90 (0.20, 5.80) | 1.50 (0.20, 3.00) |
| Missing | 4.00 (2.00, 6.00) | 3.00 (1.00, 5.00) | 24.00 (18.00, 29.00) |
| Return to work | | | |
| Yes | 58.00 (45.00, 71.00) | 70.00 (63.00, 77.00) | 53.00 (47.00, 59.00) |
| No | 42.00 (29.00, 55.00) | 30.00 (23.00, 37.00) | 47.00 (41.00, 53.00) |
| Missing | 9.00 (6.00, 12.00) | 16.00 (12.00, 21.00) | 56.00 (48.00, 63.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| | 5.00 (2.00, 7.00) | 10.00 (7.00, 14.00) | 33.00 (26.00, 39.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.20 (0.41, 6.40) | 0.80 (0.00, 1.60) |
| No | | 97.00 (94.00, 100.00) | 99.00 (98.00, 100.00) |
| Missing | 5.00 (2.00, 7.00) | 10.00 (7.00, 14.00) | 33.00 (26.00, 39.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (2.00, 7.00) | 10.00 (7.00, 14.00) | 32.00 (25.00, 38.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-0.90, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 96.00 (92.00, 102.00) | | |
| Missing | 5.00 (2.00, 7.00) | 10.00 (7.00, 14.00) | 32.00 (25.00, 38.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 1.60 (-0.20, 3.20) | 2.50 (0.80, 4.20) |
| No | | 98.00 (96.00, 99.00) | 97.00 (95.00, 98.00) |
| Missing | 6.00 (3.00, 9.00) | 10.00 (7.00, 14.00) | 42.00 (35.00, 49.00) |
| Failure of conservative management | | | |
| No | 92.00 (84.00, 99.00) | 98.00 (96.00, 100.00) | 98.00 (96.00, 99.00) |
| Yes | 8.00 (1.00, 16.00) | 1.60 (-0.40, 3.20) | 1.70 (0.20, 3.40) |
| Missing | 3.00 (1.00, 5.00) | 12.00 (8.00, 16.00) | 44.00 (37.00, 52.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 89.00 (78.00, 98.00) | 92.00 (88.00, 97.00) | 62.00 (57.00, 67.00) |
| I have some problems in walking | 11.00 (2.00, 22.00) | 5.00 (1.40, 8.29) | 19.00 (15.00, 24.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|----------------------|----------------------|-------------------------------|
| I am confined to bed | 0.00 (0.00, 0.00) | 3.30 (0.60, 6.60) | 19.00 (14.00, 23.00) |
| Missing | 10.00 (6.00, 13.00) | 13.00 (9.00, 17.00) | 43.00 (35.13, 50.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 67.00 (54.00, 81.00) | 85.00 (80.00, 90.00) | 50.00 (45.00, 55.00) |
| I have some problems bathing or dressing myself | 11.00 (1.13, 22.00) | 8.30 (3.60, 12.20) | 31.00 (27.00, 36.00) |
| I am unable to bathe or dress myself | 22.00 (11.00, 33.00) | 6.70 (3.40, 10.40) | 19.00 (14.00, 23.00) |
| Missing | 10.00 (6.00, 13.00) | 13.00 (9.00, 17.00) | 43.00 (35.13, 50.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 61.00 (48.00, 76.00) | 85.00 (80.00, 90.00) | 47.00 (43.00, 53.00) |
| I have some problems in performing my usual activities | 22.00 (9.00, 33.00) | 8.30 (3.60, 12.20) | 38.00 (33.00, 43.00) |
| I am unable to perform my usual activities | 17.00 (7.00, 27.70) | 6.70 (3.40, 10.40) | 15.00 (11.00, 18.00) |
| Missing | 10.00 (6.00, 13.00) | 13.00 (9.00, 17.00) | 43.00 (35.13, 50.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 50.00 (35.00, 64.00) | 65.00 (57.13, 72.00) | 25.00 (20.00, 29.00) |
| I have moderate pain or discomfort | 50.00 (36.00, 65.00) | 30.00 (23.00, 37.00) | 35.00 (31.00, 41.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 5.00 (1.90, 8.30) | 40.00 (34.13, 45.00) |
| Missing | 10.00 (6.00, 13.00) | 13.00 (9.00, 17.00) | 43.00 (35.13, 50.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 83.00 (73.00, 93.00) | 95.00 (92.00, 99.00) | 92.00 (90.00, 95.00) |
| I am moderately anxious or depressed | 17.00 (7.00, 27.30) | 5.00 (1.40, 8.30) | 6.80 (4.20, 9.50) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.70 (0.10, 3.40) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|----------------------|-----------------------|-------------------------------|
| Missing | 10.00 (6.00, 13.00) | 13.00 (9.00, 17.00) | 43.00 (35.13, 50.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 80.00 (70.00, 90.00) | 98.00 (96.00, 100.00) | 77.00 (72.00, 82.00) |
| I have some problems in walking | 20.00 (10.00, 30.44) | 0.00 (0.00, 0.00) | 17.00 (13.00, 22.00) |
| I am confined to bed | 0.00 (0.00, 0.00) | 1.70 (-0.30, 3.40) | 5.90 (3.00, 8.60) |
| Missing | 8.00 (5.00, 11.00) | 15.00 (11.00, 20.00) | 59.00 (51.00, 67.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 80.00 (70.00, 90.00) | 97.00 (94.00, 100.00) | 79.00 (74.00, 83.00) |
| I have some problems bathing or dressing myself | 10.00 (2.00, 20.00) | 0.00 (0.00, 0.00) | 15.00 (11.00, 19.00) |
| I am unable to bathe or dress myself | 10.00 (2.00, 20.00) | 3.40 (0.51, 6.80) | 5.90 (3.01, 8.49) |
| Missing | 8.00 (5.00, 11.00) | 15.00 (11.00, 20.00) | 59.00 (51.00, 67.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 75.00 (64.00, 86.00) | 95.00 (92.00, 99.00) | 81.00 (77.00, 85.00) |
| I have some problems in performing my usual activities | 15.00 (5.00, 23.70) | 1.70 (-0.30, 3.40) | 12.00 (8.13, 15.70) |
| I am unable to perform my usual activities | 10.00 (2.00, 20.00) | 3.40 (0.51, 6.80) | 6.90 (3.80, 9.70) |
| Missing | 8.00 (5.00, 11.00) | 15.00 (11.00, 20.00) | 59.00 (51.00, 67.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 80.00 (69.00, 90.00) | 86.00 (81.00, 91.00) | 79.00 (74.00, 84.00) |
| I have moderate pain or discomfort | 20.00 (10.00, 30.90) | 14.00 (9.00, 19.40) | 19.00 (14.00, 24.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (0.20, 3.20) |
| Missing | 8.00 (5.00, 11.00) | 15.00 (11.00, 20.00) | 59.00 (51.00, 67.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|----------------------------|----------------------------|-------------------------------|
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 85.00 (76.00, 95.00) | 97.00 (94.00, 100.00) | 95.00 (92.00, 97.00) |
| I am moderately anxious or depressed | 15.00 (5.00, 23.70) | 3.40 (0.50, 6.80) | 3.90 (1.70, 6.00) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.00 (-0.10, 2.00) |
| Missing | 8.00 (5.00, 11.00) | 15.00 (11.00, 20.00) | 59.00 (51.00, 67.00) |
| Patient satisfaction | | | |
| Very satisfied | 79.00 (69.13, 88.00) | 94.00 (91.00, 97.00) | 70.00 (65.00, 74.00) |
| Somewhat satisfied | 13.00 (5.00, 21.20) | 5.70 (2.40, 8.60) | 14.00 (10.00, 17.00) |
| Somewhat dissatisfied | 4.20 (-0.70, 8.40) | 0.00 (0.00, 0.00) | 9.40 (6.80, 12.10) |
| Very dissatisfied | 4.20 (-0.70, 8.40) | 0.00 (0.00, 0.00) | 5.80 (3.50, 8.00) |
| Missing | 4.00 (2.00, 6.00) | 3.00 (1.00, 5.00) | 23.00 (18.00, 28.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 3.00 (1.00, 5.00) | 11.00 (8.00, 15.00) | 34.00 (27.00, 40.00) |
| EQ-5D health state at discharge | | | |
| | 65.00 (55.00, 70.00) | 90.00 (90.00, 100.00) | 50.00 (40.00, 80.00) |
| Missing | 10.00 (6.00, 13.00) | 19.00 (14.00, 24.00) | 48.00 (40.00, 55.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | 83.00 (71.00, 86.00) | | 83.00 (71.00, 103.00) |
| Missing | 8.00 (5.00, 11.00) | 17.00 (13.00, 22.00) | 61.00 (52.00, 69.00) |
| Cost of treatment | | | |
| | 5000.00 (-124.69, 9000.00) | 1500.00 (1000.00, 1800.00) | 2500.00 (-500.00, 3000.00) |
| Missing | 21.00 (16.00, 26.00) | 21.00 (16.00, 26.00) | 90.00 (81.00, 99.00) |

absolute.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|------------------------|----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-1.10, 7.60) | -5.10 (-11.20, 0.60) | 13.40 (8.80, 17.60) |
| No | -4.00 (-8.00, 1.00) | 5.00 (-1.00, 11.00) | -13.00 (-17.00, -8.00) |
| Missing | 0.00 (-2.00, 2.00) | 4.00 (0.00, 9.00) | 23.00 (17.00, 29.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | -2.40 (-4.80, 0.50) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) |
| Missing | 0.00 (-2.00, 2.00) | 3.00 (-1.00, 7.00) | 7.00 (4.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-0.86, 7.40) | -2.90 (-7.60, 1.70) | 7.10 (2.50, 12.09) |
| No | -4.00 (-8.00, 0.00) | 3.00 (-1.00, 8.00) | -7.00 (-12.00, -2.00) |
| Missing | 1.00 (0.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (1.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 8.00 (-1.87, 16.00) | 1.00 (-3.87, 5.00) | 4.00 (0.00, 9.00) |
| No | -8.30 (-16.60, 1.27) | -1.20 (-5.10, 3.09) | -3.60 (-7.90, 1.20) |
| Missing | 0.00 (-3.00, 3.00) | -5.00 (-9.00, -1.00) | 22.00 (16.00, 28.00) |
| Return to work | | | |
| Yes | -25.00 (-47.00, -3.00) | -4.00 (-15.00, 5.87) | 12.00 (0.00, 24.00) |
| No | 25.00 (3.00, 47.00) | 4.00 (-5.87, 15.00) | -12.00 (-24.00, 0.00) |
| Missing | -1.00 (-6.00, 4.00) | 1.00 (-5.00, 7.00) | 44.00 (35.00, 53.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | -2.20 (-4.40, 0.40) | 0.00 (0.00, 0.00) |
| No | | | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|---------------------|-------------------------------|
| | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) | |
| Missing | -1.00 (-5.00, 3.00) | -1.00 (-6.00, 4.00) | 31.00 (24.00, 38.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | -1.20 (-5.50, 3.20) | -1.70 (-4.20, 1.50) |
| No | 0.00 (0.00, 0.00) | 1.00 (-4.00, 5.00) | 1.00 (-3.00, 3.00) |
| Missing | -1.00 (-5.00, 3.00) | -2.00 (-7.00, 3.00) | 32.00 (25.00, 38.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-4.00, 3.00) | -1.00 (-6.00, 4.00) | 31.00 (24.00, 37.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-0.90, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | -4.00 (-8.00, 2.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | -1.00 (-5.00, 3.00) | -2.00 (-7.00, 3.00) | 31.00 (24.00, 37.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | -0.50 (-3.20, 2.60) | 2.50 (0.80, 4.20) |
| No | 0.00 (0.00, 0.00) | 0.00 (-4.00, 2.00) | -3.00 (-5.00, -2.00) |
| Missing | 2.00 (-2.00, 5.00) | 0.00 (-4.00, 5.00) | 41.00 (34.00, 48.00) |
| Failure of conservative management | | | |
| No | -8.00 (-16.00, -1.00) | 0.00 (-4.00, 3.00) | -2.00 (-4.00, -1.00) |
| Yes | 8.00 (1.00, 16.00) | -0.60 (-3.59, 2.40) | 1.70 (0.20, 3.40) |
| Missing | -7.00 (-11.00, -3.00) | 1.00 (-4.00, 7.00) | 42.00 (35.00, 50.00) |
| EQ-5D mobility at discharge | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|------------------------|-------------------------|-------------------------------|
| I have no problems in walking | 22.00 (3.00, 40.00) | 9.00 (1.00, 17.00) | 0.00 (-11.00, 10.00) |
| I have some problems in walking | 2.70 (-9.69, 15.40) | -7.00 (-13.50, -0.11) | 1.00 (-7.00, 10.00) |
| I am confined to bed | -25.00 (-40.00, -9.00) | -1.60 (-6.50, 2.90) | -2.00 (-12.00, 6.00) |
| Missing | 6.00 (2.00, 10.00) | -3.00 (-9.00, 3.00) | 41.00 (33.00, 48.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 9.00 (-12.00, 32.00) | 5.00 (-3.00, 14.00) | -9.00 (-19.00, 1.00) |
| I have some problems bathing or dressing myself | -6.00 (-22.17, 8.00) | -3.70 (-10.59, 3.60) | 16.00 (8.83, 25.00) |
| I am unable to bathe or dress myself | -3.00 (-22.00, 16.00) | -0.60 (-6.90, 5.90) | -7.00 (-17.00, 1.00) |
| Missing | 6.00 (2.00, 10.00) | -3.00 (-9.00, 3.00) | 41.00 (33.00, 48.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 11.00 (-11.00, 34.00) | 9.00 (-1.00, 18.00) | -7.00 (-17.00, 4.00) |
| I have some problems in performing my usual activities | -3.00 (-23.00, 15.00) | -6.70 (-14.50, 0.50) | 10.00 (0.00, 19.00) |
| I am unable to perform my usual activities | -8.00 (-26.00, 10.96) | -3.10 (-9.50, 3.80) | -3.00 (-12.00, 5.00) |
| Missing | 6.00 (2.00, 10.00) | -3.00 (-9.00, 3.00) | 41.00 (33.00, 48.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 17.00 (-3.00, 39.00) | 31.00 (20.00, 43.00) | -8.00 (-18.00, 1.00) |
| I have moderate pain or discomfort | -17.00 (-39.00, 3.00) | -33.00 (-44.00, -21.00) | -6.00 (-15.00, 5.87) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.60 (-1.40, 7.20) | 14.00 (4.00, 22.00) |
| Missing | 6.00 (2.00, 10.00) | -3.00 (-9.00, 3.00) | 41.00 (33.00, 48.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 33.00 (13.00, 53.00) | 22.00 (14.00, 31.00) | 13.00 (6.00, 22.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-------------------------|-------------------------|-------------------------------|
| I am moderately anxious or depressed | -33.00 (-53.00, -13.00) | -19.00 (-27.10, -10.21) | -11.20 (-18.99, -3.41) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.40 (-4.80, 0.50) | -0.90 (-4.10, 2.00) |
| Missing | 6.00 (2.00, 10.00) | -3.00 (-9.00, 3.00) | 41.00 (33.00, 48.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 13.00 (-13.12, 42.00) | 7.00 (1.00, 12.00) | 12.00 (0.00, 22.00) |
| I have some problems in walking | 3.00 (-19.00, 24.00) | -7.00 (-11.60, -2.00) | 4.00 (-4.10, 12.00) |
| I am confined to bed | -17.00 (-34.00, 2.25) | -0.60 (-3.59, 3.00) | -17.10 (-26.50, -8.40) |
| Missing | -2.00 (-7.00, 3.00) | 1.00 (-5.00, 7.00) | 49.00 (40.00, 57.87) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | -3.00 (-23.12, 19.00) | 6.00 (0.00, 12.00) | 8.00 (-3.00, 18.00) |
| I have some problems bathing or dressing myself | -7.00 (-27.00, 13.01) | -4.70 (-7.60, -0.90) | 8.50 (2.20, 15.00) |
| I am unable to bathe or dress myself | 10.00 (2.00, 20.00) | -1.30 (-5.70, 3.50) | -17.10 (-26.30, -8.73) |
| Missing | -2.00 (-7.00, 3.00) | 1.00 (-5.00, 7.00) | 49.00 (40.00, 57.87) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | -25.00 (-36.00, -14.00) | 4.00 (-2.00, 10.00) | 10.00 (0.00, 20.00) |
| I have some problems in performing my usual activities | 15.00 (5.00, 23.70) | -3.00 (-7.10, 1.10) | -7.00 (-15.00, 2.00) |
| I am unable to perform my usual activities | 10.00 (2.00, 20.00) | -1.30 (-5.70, 3.50) | -2.80 (-9.60, 4.50) |
| Missing | -2.00 (-7.00, 3.00) | 1.00 (-5.00, 7.00) | 49.00 (40.00, 57.87) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 13.00 (-13.00, 39.00) | 9.00 (-1.00, 18.00) | 5.00 (-6.00, 15.00) |
| I have moderate pain or discomfort | -13.00 (-39.00, 13.00) | -7.00 (-16.00, 2.00) | -7.00 (-17.00, 3.96) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|-------------------------------|-----------------------------|--------------------------------|
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | -2.30 (-4.60, 0.40) | 2.00 (0.20, 3.20) |
| Missing | -2.00 (-7.00, 3.00) | 1.00 (-5.00, 7.00) | 49.00 (40.00, 57.87) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | -15.00 (-24.00, -5.00) | 11.00 (5.00, 18.00) | -2.00 (-7.00, 2.00) |
| I am moderately anxious or depressed | 15.00 (5.00, 23.70) | -8.60 (-14.90, -2.80) | 0.70 (-3.19, 5.00) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.30 (-4.60, 0.40) | 1.00 (-0.10, 2.00) |
| Missing | -2.00 (-7.00, 3.00) | 1.00 (-5.00, 7.00) | 49.00 (40.00, 57.87) |
| Patient satisfaction | | | |
| Very satisfied | 15.00 (-3.00, 33.00) | 21.00 (13.00, 28.00) | 3.00 (-7.00, 12.00) |
| Somewhat satisfied | -23.00 (-39.97, -5.73) | -10.30 (-17.39, -3.70) | -9.00 (-18.00, -1.00) |
| Somewhat dissatisfied | 4.20 (-0.70, 8.40) | -3.90 (-6.30, -0.50) | 1.70 (-3.70, 7.40) |
| Very dissatisfied | 4.20 (-0.70, 8.40) | -7.80 (-11.80, -3.60) | 3.20 (-0.50, 6.90) |
| Missing | 2.00 (-1.00, 5.00) | -3.00 (-6.00, 0.00) | 21.00 (16.00, 26.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | -7.00 (-11.00, -3.00) | 3.00 (-1.00, 8.00) | 32.00 (25.00, 39.00) |
| EQ-5D health state at discharge | | | |
| | 5.00 (-13.00, 25.00) | 10.00 (5.00, 20.00) | 0.00 (-46.00, 30.00) |
| Missing | 5.00 (0.00, 9.00) | 3.00 (-4.00, 10.00) | 38.00 (29.00, 46.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | -17.00 (-54.00, -14.00) | 0.00 (-5.00, 0.00) | 73.00 (65.00, 165.00) |
| Missing | -2.00 (-7.00, 3.00) | 2.00 (-4.00, 9.00) | 47.00 (37.00, 56.00) |
| Cost of treatment | | | |
| | -2000.00 (-11000.00, 6500.00) | -525.00 (-1050.00, 2950.00) | -11500.00 (-22500.00, 8000.00) |
| Missing | 7.00 (1.00, 13.00) | 3.00 (-4.00, 10.00) | 67.00 (56.00, 78.00) |

relative.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|--------------------|-----------------------|---------------------------|
| 30 day mortality | | | |
| Yes | | 0.49 (-0.16, 0.81) | 6.15 (5.00, 9.93) |
| No | 0.96 (0.92, 1.01) | 1.06 (0.98, 1.12) | 0.87 (0.83, 0.92) |
| Missing | 1.00 (0.00, 1.83) | 1.50 (0.40, 2.11) | 8.67 (-3.67, 12.33) |
| 24 hour mortality | | | |
| Yes | | | 0.00 (0.00, 0.00) |
| No | | | 1.02 (0.99, 1.04) |
| Missing | 1.00 (0.00, 1.83) | 1.60 (-0.13, 2.40) | |
| In-hospital mortality | | | |
| Yes | | 0.59 (-0.27, 0.97) | 2.45 (-0.10, 3.72) |
| No | 0.96 (0.92, 1.00) | 1.03 (0.98, 1.09) | 0.93 (0.87, 0.97) |
| Missing | | | |
| Self-ambulatory at discharge | | | |
| Yes | 1.09 (0.96, 1.17) | 1.01 (0.96, 1.05) | 1.04 (1.00, 1.09) |
| No | 0.00 (0.00, 0.00) | 0.71 (-0.29, 1.41) | 0.29 (-0.08, 0.59) |
| Missing | 1.00 (-0.50, 1.60) | 0.38 (-0.08, 0.62) | 12.00 (-1.00, 18.02) |
| Return to work | | | |
| Yes | 0.70 (0.44, 0.89) | 0.95 (0.79, 1.07) | 1.29 (0.85, 1.59) |
| No | 2.47 (1.66, 4.01) | 1.15 (0.64, 1.52) | 0.80 (0.59, 0.94) |
| Missing | 0.90 (0.23, 1.30) | 1.07 (0.49, 1.44) | 4.67 (2.33, 5.90) |
| Pulmonary complication | | | |
| Yes | | 0.00 (0.00, 0.00) | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-------------------------|--------------------------|-----------------------------------|
| No | | 1.02 (0.99, 1.04) | |
| Missing | 0.83 (0.00, 1.27) | 0.91 (0.32, 1.28) | 16.50 (-1.00, 24.75) |
| Septic complication | | | |
| Yes | | 0.73 (-0.27, 1.45) | 0.32 (0.14, 0.64) |
| No | | 1.01 (0.96, 1.05) | 1.01 (0.97, 1.03) |
| Missing | 0.83 (0.00, 1.27) | 0.83 (0.33, 1.19) | 33.00 (28.00, 53.00) |
| Renal failure | | | |
| Yes | | | |
| No | | | |
| Missing | 1.00 (-0.33, 1.56) | 0.91 (0.32, 1.28) | 32.00 (27.00, 51.50) |
| Coagulopathy | | | |
| Yes | | | |
| No | 0.96 (0.92, 1.02) | | |
| Missing | 0.83 (0.00, 1.27) | 0.83 (0.38, 1.17) | 32.00 (27.00, 51.50) |
| Need for reexploration or resurgery | | | |
| Yes | | 0.76 (0.15, 1.52) | |
| No | | 1.00 (0.96, 1.02) | 0.97 (0.95, 0.98) |
| Missing | 1.50 (-0.67, 2.25) | 1.00 (0.38, 1.41) | 42.00 (37.00, 67.50) |
| Failure of conservative management | | | |
| No | 0.92 (0.84, 0.99) | 1.00 (0.96, 1.03) | 0.98 (0.96, 0.99) |
| Yes | | 0.73 (0.08, 1.45) | |
| Missing | 0.30 (0.00, 0.50) | 1.09 (0.43, 1.52) | 22.00 (-1.00, 33.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 1.33 (0.85, 1.60) | 1.11 (1.00, 1.21) | 1.00 (0.79, 1.14) |
| I have some problems in walking | | | 1.06 (0.40, 1.43) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|--------------------|-------------------------------|
| | 1.33 (0.45, 2.48) | 0.42 (-0.06, 0.69) | |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.67 (-0.26, 1.35) | 0.90 (0.27, 1.18) |
| Missing | 2.50 (-1.00, 3.60) | 0.81 (0.34, 1.12) | 21.50 (-2.00, 32.20) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 1.16 (0.63, 1.51) | 1.06 (0.94, 1.17) | 0.85 (0.67, 0.99) |
| I have some problems bathing or dressing myself | 0.65 (-0.32, 1.29) | 0.69 (-0.05, 1.07) | 2.07 (0.55, 2.82) |
| I am unable to bathe or dress myself | 0.88 (-0.18, 1.38) | 0.92 (-0.52, 1.49) | 0.73 (0.29, 0.93) |
| Missing | 2.50 (-1.00, 3.60) | 0.81 (0.34, 1.12) | 21.50 (-2.00, 32.20) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 1.22 (0.50, 1.63) | 1.12 (0.96, 1.24) | 0.87 (0.68, 1.03) |
| I have some problems in performing my usual activities | 0.88 (-0.24, 1.39) | 0.55 (-0.03, 0.83) | 1.36 (0.77, 1.69) |
| I am unable to perform my usual activities | 0.68 (-0.20, 1.13) | 0.68 (-0.23, 1.10) | 0.83 (0.17, 1.12) |
| Missing | 2.50 (-1.00, 3.60) | 0.81 (0.34, 1.12) | 21.50 (-2.00, 32.20) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 1.52 (0.24, 2.14) | 1.91 (1.22, 2.38) | 0.76 (0.42, 0.95) |
| I have moderate pain or discomfort | 0.75 (0.41, 0.98) | 0.48 (0.33, 0.60) | 0.85 (0.60, 1.07) |
| I have extreme pain or discomfort | | 2.08 (1.21, 3.74) | 1.54 (0.71, 1.89) |
| Missing | 2.50 (-1.00, 3.60) | 0.81 (0.34, 1.12) | 21.50 (-2.00, 32.20) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 1.66 (0.74, 2.13) | 1.30 (1.14, 1.44) | 1.16 (1.06, 1.28) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|--------------------|-------------------------------|
| I am moderately anxious or depressed | 0.34 (0.03, 0.55) | 0.21 (0.02, 0.35) | 0.38 (0.07, 0.56) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | 0.65 (0.27, 1.22) |
| Missing | 2.50 (-1.00, 3.60) | 0.81 (0.34, 1.12) | 21.50 (-2.00, 32.20) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 1.19 (0.53, 1.56) | 1.08 (1.00, 1.13) | 1.18 (0.95, 1.34) |
| I have some problems in walking | 1.18 (0.58, 2.02) | 0.00 (0.00, 0.00) | 1.31 (-0.15, 1.85) |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.74 (0.24, 1.48) | 0.26 (0.03, 0.38) |
| Missing | 0.80 (0.20, 1.15) | 1.07 (0.50, 1.46) | 5.90 (2.20, 7.57) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 0.96 (0.67, 1.18) | 1.07 (1.00, 1.13) | 1.11 (0.92, 1.25) |
| I have some problems bathing or dressing myself | 0.59 (0.18, 1.15) | 0.00 (0.00, 0.00) | 2.31 (-0.21, 3.51) |
| I am unable to bathe or dress myself | | 0.72 (-0.25, 1.45) | 0.26 (0.05, 0.38) |
| Missing | 0.80 (0.20, 1.15) | 1.07 (0.50, 1.46) | 5.90 (2.20, 7.57) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 0.75 (0.64, 0.86) | 1.04 (0.97, 1.11) | 1.14 (0.95, 1.28) |
| I have some problems in performing my usual activities | | 0.36 (-0.23, 0.72) | 0.63 (0.16, 0.89) |
| I am unable to perform my usual activities | | 0.72 (-0.25, 1.45) | 0.71 (-0.17, 1.09) |
| Missing | 0.80 (0.20, 1.15) | 1.07 (0.50, 1.46) | 5.90 (2.20, 7.57) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 1.19 (0.53, 1.53) | 1.12 (0.97, 1.23) | 1.07 (0.90, 1.20) |
| I have moderate pain or discomfort | 0.61 (0.14, 0.99) | 0.67 (0.22, 0.95) | 0.73 (0.29, 0.98) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|---------------------|--------------------|-------------------------------|
| I have extreme pain or discomfort | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (0.20, 1.15) | 1.07 (0.50, 1.46) | 5.90 (2.20, 7.57) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 0.85 (0.76, 0.95) | 1.13 (1.05, 1.21) | 0.98 (0.93, 1.02) |
| I am moderately anxious or depressed | | 0.28 (-0.12, 0.57) | 1.22 (0.78, 2.13) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (0.20, 1.15) | 1.07 (0.50, 1.46) | 5.90 (2.20, 7.57) |
| Patient satisfaction | | | |
| Very satisfied | 1.23 (0.81, 1.51) | 1.29 (1.13, 1.40) | 1.04 (0.87, 1.17) |
| Somewhat satisfied | 0.36 (-0.01, 0.59) | 0.36 (0.01, 0.54) | 0.61 (0.22, 0.79) |
| Somewhat dissatisfied | | 0.00 (0.00, 0.00) | 1.22 (-0.23, 1.79) |
| Very dissatisfied | | 0.00 (0.00, 0.00) | 2.23 (1.50, 3.71) |
| Missing | 2.00 (-1.00, 3.33) | 0.50 (0.00, 0.83) | 11.50 (-1.00, 17.33) |
| Number of hospitalizations for this injury | | | |
| Missing | 0.30 (0.00, 0.50) | 1.38 (0.35, 1.97) | 17.00 (-1.00, 25.69) |
| EQ-5D health state at discharge | 1.08 (0.67, 1.33) | 1.12 (1.05, 1.25) | 1.00 (-9.67, 1.50) |
| Missing | 2.00 (-0.50, 2.86) | 1.19 (0.57, 1.59) | 4.80 (1.74, 6.21) |
| EQ-5D health state at 30 day follow-up | 0.83 (0.33, 0.86) | 1.00 (0.95, 1.00) | 8.30 (6.60, 15.79) |
| Missing | 0.80 (0.20, 1.15) | 1.13 (0.55, 1.53) | 4.36 (2.21, 5.52) |
| Cost of treatment | 0.71 (0.43, 1.32) | 0.74 (0.48, 1.21) | 0.18 (-0.48, 0.29) |
| Missing | 1.50 (0.75, 1.95) | 1.17 (0.63, 1.52) | 3.91 (2.66, 4.79) |

Post training outcome Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|------------------------|----------------------|
| 30 day mortality | | |
| Yes | 12.20 (9.70, 38.20) | 4.21 (3.42, 8.25) |
| No | -12.00 (-38.00, -9.00) | 0.88 (0.58, 0.90) |
| Missing | 24.00 (26.00, 67.00) | 13.00 (19.50, 25.73) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 5.00 (4.00, 15.00) | 3.50 (4.00, 6.58) |
| In-hospital mortality | | |
| Yes | 8.30 (5.90, 26.30) | 3.24 (2.29, 6.30) |
| No | -8.00 (-26.00, -5.00) | 0.92 (0.72, 0.94) |
| Missing | 1.00 (-1.00, 4.00) | 2.00 (3.00, 4.00) |
| Self-ambulatory at discharge | | |
| Yes | -1.00 (-5.00, 1.00) | 0.99 (0.95, 1.01) |
| No | 1.50 (0.00, 5.90) | Inf (Inf, Inf) |
| Missing | 20.00 (15.00, 63.00) | 6.00 (0.00, 11.91) |
| Return to work | | |
| Yes | -5.00 (-31.00, 12.00) | 0.91 (0.41, 1.14) |
| No | 5.00 (-12.00, 31.00) | 1.12 (0.39, 1.67) |
| Missing | 47.00 (46.00, 140.00) | 6.22 (7.17, 12.23) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 28.00 (27.00, 83.00) | 6.60 (7.53, 12.98) |
| Septic complication | | |
| Yes | 0.80 (-1.60, 5.50) | Inf (Inf, Inf) |

| Outcome | Absolute difference | Relative difference |
|---|----------------------------|----------------------------|
| No | -1.00 (-6.00, 1.00) | 0.99 (0.94, 1.01) |
| Missing | 28.00 (27.00, 83.00) | 6.60 (7.45, 12.98) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 27.00 (26.00, 80.00) | 6.40 (7.23, 12.58) |
| Coagulopathy | | |
| Yes | -4.30 (-8.60, -8.60) | 0.00 (0.00, 0.00) |
| No | 4.00 (8.00, 8.00) | 1.04 (1.08, 1.08) |
| Missing | 27.00 (26.00, 80.00) | 6.40 (7.23, 12.58) |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (1.90, 7.70) | Inf (Inf, Inf) |
| No | -3.00 (-9.00, -3.00) | 0.97 (0.91, 0.97) |
| Missing | 36.00 (34.00, 108.00) | 7.00 (7.33, 13.82) |
| Failure of conservative management | | |
| No | 6.00 (8.00, 15.00) | 1.07 (1.09, 1.16) |
| Yes | -6.30 (-15.60, -8.20) | 0.21 (-1.90, 0.42) |
| Missing | 41.00 (41.00, 119.00) | 14.67 (21.17, 29.15) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -27.00 (-86.00, -20.00) | 0.70 (-0.13, 0.76) |
| I have some problems in walking | 8.00 (-0.50, 31.19) | 1.73 (-1.70, 3.27) |
| I am confined to bed | 19.00 (17.60, 57.00) | Inf (Inf, Inf) |
| Missing | 33.00 (30.00, 100.00) | 4.30 (4.04, 8.36) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -17.00 (-71.00, 4.00) | 0.75 (-0.27, 0.94) |
| I have some problems bathing or dressing myself | 20.00 (14.00, 64.79) | 2.82 (0.44, 5.42) |
| I am unable to bathe or dress myself | -3.00 (-22.80, 10.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| | | 0.86 (-2.67, 1.48) |
| Missing | 33.00 (30.00, 100.00) | 4.30 (4.04, 8.36) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -14.00 (-69.00, 14.00) | 0.77 (-0.35, 1.02) |
| I have some problems in performing my usual activities | 16.00 (-1.00, 63.20) | 1.73 (-2.86, 3.27) |
| I am unable to perform my usual activities | -2.00 (-16.59, 8.00) | 0.88 (-1.67, 1.46) |
| Missing | 33.00 (30.00, 100.00) | 4.30 (4.04, 8.36) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-92.87, -6.00) | 0.50 (-1.74, 0.65) |
| I have moderate pain or discomfort | -15.00 (-42.00, -14.00) | 0.70 (-0.08, 0.77) |
| I have extreme pain or discomfort | 40.00 (39.51, 118.40) | Inf (Inf, Inf) |
| Missing | 33.00 (30.00, 100.00) | 4.30 (4.04, 8.36) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 9.00 (9.00, 25.00) | 1.11 (1.11, 1.29) |
| I am moderately anxious or depressed | -10.20 (-26.40, -12.10) | 0.40 (-2.00, 0.52) |
| I am extremely anxious or depressed | 1.70 (0.80, 5.59) | Inf (Inf, Inf) |
| Missing | 33.00 (30.00, 100.00) | 4.30 (4.04, 8.36) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -3.00 (-29.00, 18.00) | 0.96 (0.63, 1.17) |
| I have some problems in walking | -3.00 (-25.00, 13.00) | 0.85 (0.57, 1.70) |
| I am confined to bed | 5.90 (5.20, 17.59) | Inf (Inf, Inf) |
| Missing | 51.00 (50.00, 152.00) | 7.38 (8.65, 14.56) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -1.00 (-21.00, 19.00) | 0.99 (0.73, 1.19) |
| I have some problems bathing or dressing myself | 5.00 (-7.00, 26.00) | 1.50 (1.83, 3.00) |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I am unable to bathe or dress myself | -4.10 (-14.29, -2.21) | 0.59 (-1.76, 0.94) |
| Missing | 51.00 (50.00, 152.00) | 7.38 (8.65, 14.56) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-5.00, 30.00) | 1.08 (0.94, 1.35) |
| I have some problems in performing my usual activities | -3.00 (-19.00, 6.49) | 0.80 (-4.28, 1.60) |
| I am unable to perform my usual activities | -3.10 (-13.30, 0.20) | 0.69 (-1.68, 1.16) |
| Missing | 51.00 (50.00, 152.00) | 7.38 (8.65, 14.56) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -1.00 (-13.00, 10.00) | 0.99 (0.83, 1.11) |
| I have moderate pain or discomfort | -1.00 (-12.10, 8.00) | 0.95 (-0.10, 1.36) |
| I have extreme pain or discomfort | 2.00 (1.00, 6.20) | Inf (Inf, Inf) |
| Missing | 51.00 (50.00, 152.00) | 7.38 (8.65, 14.56) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 10.00 (12.00, 25.00) | 1.12 (1.14, 1.29) |
| I am moderately anxious or depressed | -11.10 (-26.99, -13.41) | 0.26 (-2.34, 0.36) |
| I am extremely anxious or depressed | 1.00 (0.11, 3.00) | Inf (Inf, Inf) |
| Missing | 51.00 (50.00, 152.00) | 7.38 (8.65, 14.56) |
| Patient satisfaction | | |
| Very satisfied | -9.00 (-43.00, 9.00) | 0.89 (0.41, 1.05) |
| Somewhat satisfied | 1.00 (-9.49, 12.70) | 1.08 (-1.48, 1.86) |
| Somewhat dissatisfied | 5.20 (-0.60, 20.40) | 2.24 (3.07, 4.48) |
| Very dissatisfied | 1.60 (-4.10, 10.00) | 1.38 (1.81, 2.76) |
| Missing | 19.00 (15.00, 60.00) | 5.75 (0.00, 11.41) |
| | 0.00 (0.00, 0.00) | |

| Outcome | Absolute difference | Relative difference |
|---|-------------------------------|----------------------|
| Number of hospitalizations for this injury | | |
| Missing | 31.00 (31.00, 90.00) | 11.33 (15.74, 22.46) |
| EQ-5D health state at discharge | -15.00 (-70.00, 20.00) | 0.77 (-0.26, 1.15) |
| Missing | 38.00 (38.00, 111.00) | 4.80 (5.75, 9.30) |
| EQ-5D health state at 30 day follow-up | 0.00 (-20.00, 20.00) | 1.00 (0.75, 1.20) |
| Missing | 53.00 (53.00, 157.00) | 7.62 (9.37, 15.05) |
| Cost of treatment | -2500.00 (-8487.47, -1500.00) | 0.50 (-2.00, 0.70) |
| Missing | 69.00 (62.13, 212.00) | 4.29 (3.51, 8.37) |

Post training outcome Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|------------------------|---------------------|
| 30 day mortality | | |
| Yes | 11.10 (6.31, 27.79) | 3.27 (1.77, 6.25) |
| No | -11.00 (-27.87, -6.00) | 0.88 (0.71, 0.93) |
| Missing | 14.00 (2.00, 37.00) | 2.17 (-13.67, 3.93) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -1.00 (-10.00, 1.00) | 0.88 (-5.25, 1.22) |
| In-hospital mortality | | |
| Yes | 7.90 (4.80, 20.40) | 2.93 (2.10, 5.57) |
| No | -8.00 (-21.00, -5.00) | 0.92 (0.78, 0.95) |
| Missing | 2.00 (2.00, 6.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Yes | 2.00 (2.00, 8.00) | 1.02 (1.02, 1.08) |
| No | -1.40 (-6.50, -1.30) | 0.52 (-0.83, 1.03) |
| Missing | 21.00 (18.00, 47.00) | 8.00 (5.67, 15.75) |
| Return to work | | |
| Yes | -17.00 (-55.00, -15.00) | 0.76 (0.10, 0.78) |
| No | 17.00 (15.00, 55.00) | 1.57 (1.45, 2.55) |
| Missing | 40.00 (28.00, 87.87) | 3.50 (-0.83, 6.44) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 23.00 (14.00, 51.00) | 3.30 (-2.40, 6.10) |
| Septic complication | | |
| Yes | -2.40 (-8.40, -3.20) | 0.25 (-1.25, 0.50) |
| No | 2.00 (2.00, 8.00) | 1.02 (1.02, 1.08) |
| Missing | 23.00 (14.00, 51.00) | 3.30 (-2.40, 6.10) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 22.00 (13.00, 49.00) | 3.20 (-2.35, 5.90) |
| Coagulopathy | | |
| Yes | 0.00 (0.00, 8.30) | |
| No | 0.00 (-8.00, 0.00) | 1.00 (0.91, 1.00) |
| Missing | 22.00 (13.00, 49.00) | 3.20 (-2.35, 5.90) |
| Need for reexploration or resurgery | | |
| Yes | 0.90 (-1.90, 2.70) | 1.56 (1.25, 3.12) |
| No | -1.00 (-3.00, 2.00) | 0.99 (0.97, 1.02) |
| Missing | 32.00 (24.00, 69.00) | 4.20 (-0.85, 7.88) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Failure of conservative management | | |
| No | 0.00 (-11.00, 2.00) | 1.00 (0.87, 1.02) |
| Yes | 0.10 (-2.09, 11.69) | 1.06 (0.91, 2.12) |
| Missing | 32.00 (19.00, 73.87) | 3.67 (-13.17, 7.03) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -30.00 (-73.87, -26.00) | 0.67 (0.18, 0.71) |
| I have some problems in walking | 14.00 (12.40, 40.00) | 3.80 (4.04, 7.37) |
| I am confined to bed | 15.70 (9.40, 34.69) | 5.76 (3.37, 11.52) |
| Missing | 30.00 (22.00, 65.00) | 3.31 (1.12, 6.03) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -35.00 (-98.00, -36.00) | 0.59 (-0.33, 0.58) |
| I have some problems bathing or dressing myself | 22.70 (18.50, 58.40) | 3.73 (2.72, 7.13) |
| I am unable to bathe or dress myself | 12.30 (9.83, 45.60) | 2.84 (2.55, 5.46) |
| Missing | 30.00 (22.00, 65.00) | 3.31 (1.12, 6.03) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -38.00 (-108.00, -40.00) | 0.55 (-0.54, 0.54) |
| I have some problems in performing my usual activities | 29.70 (29.91, 83.09) | 4.58 (4.91, 8.90) |
| I am unable to perform my usual activities | 8.30 (5.60, 31.60) | 2.24 (1.81, 4.20) |
| Missing | 30.00 (22.00, 65.00) | 3.31 (1.12, 6.03) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -40.00 (-108.00, -39.00) | 0.38 (-0.98, 0.39) |
| I have moderate pain or discomfort | 5.00 (0.00, 40.00) | 1.17 (0.99, 1.85) |
| I have extreme pain or discomfort | 35.00 (27.36, 74.80) | 8.00 (4.20, 16.00) |
| Missing | 30.00 (22.00, 65.00) | 3.31 (1.12, 6.03) |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -3.00 (-25.00, 0.00) | 0.97 (0.69, 1.00) |
| I am moderately anxious or depressed | 1.80 (-1.59, 23.46) | 1.36 (0.90, 2.56) |
| I am extremely anxious or depressed | 1.70 (0.80, 3.40) | Inf (Inf, Inf) |
| Missing | 30.00 (22.00, 65.00) | 3.31 (1.12, 6.03) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -21.00 (-65.00, -23.00) | 0.79 (0.26, 0.77) |
| I have some problems in walking | 17.00 (19.00, 57.35) | Inf (Inf, Inf) |
| I am confined to bed | 4.20 (1.00, 9.50) | 3.47 (3.79, 6.94) |
| Missing | 44.00 (32.00, 95.00) | 3.93 (-1.56, 7.34) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -18.00 (-56.87, -19.00) | 0.81 (0.35, 0.81) |
| I have some problems bathing or dressing myself | 15.00 (16.00, 44.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 2.50 (-0.50, 16.77) | 1.74 (1.39, 3.31) |
| Missing | 44.00 (32.00, 95.00) | 3.93 (-1.56, 7.34) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -14.00 (-53.00, -14.00) | 0.85 (0.34, 0.86) |
| I have some problems in performing my usual activities | 10.30 (9.80, 38.20) | 7.06 (11.40, 14.12) |
| I am unable to perform my usual activities | 3.50 (0.73, 18.39) | 2.03 (1.89, 3.88) |
| Missing | 44.00 (32.00, 95.00) | 3.93 (-1.56, 7.34) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -7.00 (-27.00, -3.00) | 0.92 (0.65, 0.97) |
| I have moderate pain or discomfort | 5.00 (0.30, 23.97) | 1.36 (0.92, 2.23) |
| I have extreme pain or discomfort | 2.00 (1.00, 4.00) | Inf (Inf, Inf) |

| Outcome | Absolute difference | Relative difference |
|---|-----------------------------|----------------------------|
| Missing | 44.00 (32.00, 95.00) | 3.93 (-1.56, 7.34) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -2.00 (-23.00, 0.00) | 0.98 (0.72, 1.00) |
| I am moderately anxious or depressed | 0.50 (-2.20, 20.49) | 1.15 (0.68, 2.21) |
| I am extremely anxious or depressed | 1.00 (0.11, 2.00) | Inf (Inf, Inf) |
| Missing | 44.00 (32.00, 95.00) | 3.93 (-1.56, 7.34) |
| Patient satisfaction | | |
| Very satisfied | -24.00 (-69.00, -25.13) | 0.74 (0.21, 0.74) |
| Somewhat satisfied | 8.30 (6.70, 27.99) | 2.46 (2.25, 4.60) |
| Somewhat dissatisfied | 9.40 (9.01, 25.90) | Inf (Inf, Inf) |
| Very dissatisfied | 5.80 (5.10, 18.09) | Inf (Inf, Inf) |
| Missing | 20.00 (17.00, 45.00) | 7.67 (5.33, 15.08) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 23.00 (12.00, 55.00) | 3.09 (-9.82, 5.81) |
| EQ-5D health state at discharge | -40.00 (-110.00, -40.00) | 0.56 (-0.39, 0.61) |
| Missing | 29.00 (16.00, 66.00) | 2.53 (-0.95, 4.47) |
| EQ-5D health state at 30 day follow-up | -17.00 (-54.00, -14.00) | 0.83 (0.41, 0.86) |
| Missing | 44.00 (30.13, 96.00) | 3.59 (-2.54, 6.67) |
| Cost of treatment | 1000.00 (-1000.00, 7500.00) | 1.67 (0.83, 3.12) |
| Missing | 69.00 (61.00, 147.00) | 4.29 (3.24, 7.92) |

Post training outcome ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|------------------------|---------------------|
| 30 day mortality | | |
| Yes | -1.10 (-17.19, 4.10) | 0.78 (-2.39, 1.46) |
| No | 1.00 (-4.00, 17.00) | 1.01 (0.95, 1.17) |
| Missing | -10.00 (-45.00, -9.00) | 0.17 (-14.73, 0.17) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -6.00 (-20.00, -7.00) | 0.25 (-6.50, 0.20) |
| In-hospital mortality | | |
| Yes | -0.40 (-10.99, 4.90) | 0.90 (-1.35, 1.71) |
| No | 0.00 (-6.00, 10.00) | 1.00 (0.94, 1.10) |
| Missing | 1.00 (0.00, 4.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (4.00, 10.00) | 1.03 (1.04, 1.10) |
| No | -2.90 (-9.70, -3.60) | 0.00 (-1.03, 0.00) |
| Missing | 1.00 (-20.00, 7.00) | 1.33 (-5.46, 2.42) |
| Return to work | | |
| Yes | -12.00 (-44.00, -8.00) | 0.83 (0.24, 0.89) |
| No | 12.00 (8.00, 44.00) | 1.40 (1.25, 2.22) |
| Missing | -7.00 (-64.00, -4.00) | 0.56 (-6.12, 0.66) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-40.00, -3.00) | 0.50 (-7.50, 0.62) |
| Septic complication | | |
| Yes | -3.20 (-10.90, -4.61) | |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|---------------------|
| | | 0.00 (-0.53, 0.00) |
| No | 3.00 (4.00, 10.00) | 1.03 (1.04, 1.10) |
| Missing | -5.00 (-40.00, -3.00) | 0.50 (-7.52, 0.62) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-39.00, -3.00) | 0.50 (-7.25, 0.62) |
| Coagulopathy | | |
| Yes | 4.30 (8.60, 16.90) | Inf (Inf, Inf) |
| No | -4.00 (-16.00, -8.00) | 0.96 (0.83, 0.92) |
| Missing | -5.00 (-39.00, -3.00) | 0.50 (-7.25, 0.62) |
| Need for reexploration or resurgery | | |
| Yes | -1.60 (-6.70, -1.60) | 0.00 (-1.04, 0.00) |
| No | 2.00 (2.00, 8.00) | 1.02 (1.02, 1.08) |
| Missing | -4.00 (-46.00, -1.00) | 0.60 (-7.48, 0.76) |
| Failure of conservative management | | |
| No | -6.00 (-23.87, -8.00) | 0.94 (0.74, 0.92) |
| Yes | 6.40 (8.50, 24.49) | 5.00 (7.99, 10.00) |
| Missing | -9.00 (-61.87, -6.00) | 0.25 (-17.42, 0.27) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -3.00 (-20.00, 25.00) | 0.97 (0.75, 1.27) |
| I have some problems in walking | 6.00 (-1.69, 24.30) | 2.20 (1.17, 4.18) |
| I am confined to bed | -3.30 (-27.60, -1.71) | 0.00 (-3.96, 0.00) |
| Missing | -3.00 (-41.00, 1.00) | 0.77 (-3.26, 0.99) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -18.00 (-65.00, -6.00) | 0.79 (0.07, 0.95) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I have some problems bathing or dressing myself | 2.70 (-18.77, 18.40) | 1.33 (-1.53, 2.34) |
| I am unable to bathe or dress myself | 15.30 (15.90, 52.59) | 3.28 (3.47, 6.38) |
| Missing | -3.00 (-41.00, 1.00) | 0.77 (-3.26, 0.99) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -24.00 (-81.00, -17.00) | 0.72 (-0.19, 0.84) |
| I have some problems in performing my usual activities | 13.70 (1.40, 50.77) | 2.65 (1.76, 5.05) |
| I am unable to perform my usual activities | 10.30 (9.43, 36.60) | 2.54 (2.54, 4.83) |
| Missing | -3.00 (-41.00, 1.00) | 0.77 (-3.26, 0.99) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -15.00 (-58.00, 5.00) | 0.77 (-0.26, 1.12) |
| I have moderate pain or discomfort | 20.00 (25.00, 70.87) | 1.67 (1.83, 2.86) |
| I have extreme pain or discomfort | -5.00 (-52.00, -2.91) | 0.00 (-6.77, 0.00) |
| Missing | -3.00 (-41.00, 1.00) | 0.77 (-3.26, 0.99) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -12.00 (-43.00, -15.00) | 0.87 (0.50, 0.85) |
| I am moderately anxious or depressed | 12.00 (14.53, 43.10) | 3.40 (4.11, 6.65) |
| I am extremely anxious or depressed | 0.00 (-2.19, 0.00) | |
| Missing | -3.00 (-41.00, 1.00) | 0.77 (-3.26, 0.99) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -18.00 (-58.87, -18.00) | 0.82 (0.33, 0.82) |
| I have some problems in walking | 20.00 (23.00, 64.00) | Inf (Inf, Inf) |
| I am confined to bed | -1.70 (-10.10, -1.21) | 0.00 (-1.11, 0.00) |
| Missing | -7.00 (-68.00, -4.00) | 0.53 (-7.65, 0.64) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| | -17.00 (-56.00, -19.00) | 0.82 (0.35, 0.81) |
| I have some problems bathing or dressing myself | 10.00 (7.00, 34.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 6.60 (7.50, 25.20) | 2.94 (3.92, 5.77) |
| Missing | -7.00 (-68.00, -4.00) | 0.53 (-7.65, 0.64) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -20.00 (-66.00, -25.00) | 0.79 (0.20, 0.74) |
| I have some problems in performing my usual activities | 13.30 (15.60, 44.60) | 8.82 (14.88, 17.65) |
| I am unable to perform my usual activities | 6.60 (7.30, 24.70) | 2.94 (3.88, 5.77) |
| Missing | -7.00 (-68.00, -4.00) | 0.53 (-7.65, 0.64) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -6.00 (-26.00, -1.00) | 0.93 (0.67, 0.98) |
| I have moderate pain or discomfort | 6.00 (2.00, 26.27) | 1.43 (1.00, 2.42) |
| I have extreme pain or discomfort | 0.00 (-2.20, 0.00) | |
| Missing | -7.00 (-68.00, -4.00) | 0.53 (-7.65, 0.64) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -12.00 (-43.00, -16.00) | 0.88 (0.51, 0.84) |
| I am moderately anxious or depressed | 11.60 (15.11, 42.60) | 4.41 (5.67, 8.73) |
| I am extremely anxious or depressed | 0.00 (-1.00, 0.00) | |
| Missing | -7.00 (-68.00, -4.00) | 0.53 (-7.65, 0.64) |
| Patient satisfaction | | |
| Very satisfied | -15.00 (-51.00, -9.00) | 0.84 (0.39, 0.91) |
| Somewhat satisfied | 7.30 (4.90, 25.80) | 2.28 (1.97, 4.29) |
| Somewhat dissatisfied | 4.20 (-0.80, 16.10) | Inf (Inf, Inf) |
| Very dissatisfied | 4.20 (2.10, 15.20) | Inf (Inf, Inf) |

| Outcome | Absolute difference | Relative difference |
|---|-----------------------------|---------------------|
| Missing | 1.00 (-19.00, 7.00) | 1.33 (-5.33, 2.42) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | -8.00 (-48.00, -5.00) | 0.27 (-14.08, 0.28) |
| EQ-5D health state at discharge | -25.00 (-80.00, -20.00) | 0.72 (-0.06, 0.89) |
| Missing | -9.00 (-58.87, -6.00) | 0.53 (-4.28, 0.60) |
| EQ-5D health state at 30 day follow-up | -17.00 (-54.00, -16.13) | 0.83 (0.41, 0.85) |
| Missing | -9.00 (-74.00, -6.00) | 0.47 (-7.89, 0.55) |
| Cost of treatment | 3500.00 (3500.00, 12800.00) | 3.33 (3.67, 6.50) |
| Missing | 0.00 (-73.00, 9.87) | 1.00 (-2.71, 1.39) |

Change from baseline Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|----------------------|---------------------|
| 30 day mortality | | |
| Yes | 9.60 (-2.30, 40.29) | |
| No | -9.00 (-39.00, 3.00) | |
| Missing | 23.00 (21.00, 69.00) | |
| 24 hour mortality | | |
| Yes | -2.40 (-7.70, -0.60) | -Inf (-Inf, -Inf) |
| No | 2.00 (0.00, 7.00) | Inf (Inf, Inf) |
| Missing | 7.00 (6.00, 21.00) | |
| In-hospital mortality | | |
| Yes | 3.40 (-6.10, 19.00) | |
| No | -3.00 (-18.00, 7.00) | |
| Missing | 1.00 (-1.00, 4.00) | 2.00 (3.00, 4.00) |
| Self-ambulatory at discharge | | |
| Yes | -4.00 (-15.00, 0.00) | |
| No | 4.70 (1.40, 16.60) | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Missing | 22.00 (14.00, 73.00) | |
| Return to work | | |
| Yes | 37.00 (41.00, 102.00) | |
| No | -37.00 (-102.00, -41.00) | |
| Missing | 45.00 (39.13, 137.00) | |
| Pulmonary complication | | |
| Yes | 0.00 (-2.90, 2.40) | |
| No | 0.00 (-2.00, 3.00) | |
| Missing | 32.00 (26.00, 100.00) | |
| Septic complication | | |
| Yes | -1.70 (-7.60, 2.20) | |
| No | 1.00 (-4.00, 6.00) | |
| Missing | 33.00 (26.00, 103.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 31.00 (25.00, 97.00) | |
| Coagulopathy | | |
| Yes | -4.30 (-8.60, -8.60) | 0.00 (0.00, 0.00) |
| No | 4.00 (8.00, 8.00) | -0.00 (-0.00, -0.00) |
| Missing | 32.00 (26.00, 100.00) | |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (0.20, 9.20) | |
| No | -3.00 (-10.00, -1.00) | |
| Missing | 39.00 (32.00, 122.00) | 20.50 (27.13, 52.75) |
| Failure of conservative management | | |
| No | 6.00 (6.00, 17.00) | |
| Yes | -6.30 (-17.70, -6.00) | |
| Missing | 49.00 (48.00, 144.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -22.00 (-62.00, -20.00) | |
| I have some problems in walking | -1.70 (-18.10, 9.89) | |
| I am confined to bed | 23.00 (25.91, 60.00) | |
| Missing | 35.00 (21.13, 116.00) | |
| EQ-5D self-care at discharge | | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I have no problems with self-care | -18.00 (-57.00, -11.00) | |
| I have some problems bathing or dressing myself | 22.00 (18.30, 67.70) | |
| I am unable to bathe or dress myself | -4.00 (-22.47, 7.09) | |
| Missing | 35.00 (21.13, 116.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -18.00 (-60.00, -8.00) | |
| I have some problems in performing my usual activities | 13.00 (2.53, 48.49) | |
| I am unable to perform my usual activities | 5.00 (-4.00, 22.00) | |
| Missing | 35.00 (21.13, 116.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-94.00, -5.00) | |
| I have moderate pain or discomfort | 11.00 (-12.00, 54.00) | |
| I have extreme pain or discomfort | 14.00 (9.00, 44.69) | |
| Missing | 35.00 (21.13, 116.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -20.00 (-57.00, -18.00) | 0.39 (-1.76, 0.59) |
| I am moderately anxious or depressed | 21.80 (21.30, 59.70) | 0.34 (-2.06, 0.50) |
| I am extremely anxious or depressed | -0.90 (-5.89, 2.49) | |
| Missing | 35.00 (21.13, 116.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -1.00 (-19.00, 15.00) | |
| I have some problems in walking | 1.00 (-16.47, 20.00) | |
| I am confined to bed | -0.10 (-21.29, 22.30) | |
| Missing | 51.00 (46.00, 155.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 11.00 (5.00, 38.00) | |
| I have some problems bathing or dressing myself | 15.50 (11.51, 47.90) | |
| I am unable to bathe or dress myself | -27.10 (-76.39, -29.80) | |
| Missing | 51.00 (46.00, 155.00) | |
| EQ-5D usual activities at 30 day follow-up | | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------------|----------------------------|
| I have no problems in performing my usual activities | 35.00 (42.00, 90.00) | |
| I have some problems in performing my usual activities | -22.00 (-58.20, -24.33) | |
| I am unable to perform my usual activities | -12.80 (-35.99, -14.41) | |
| Missing | 51.00 (46.00, 155.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -8.00 (-33.00, 3.00) | |
| I have moderate pain or discomfort | 6.00 (-5.00, 27.79) | |
| I have extreme pain or discomfort | 2.00 (-1.70, 8.90) | |
| Missing | 51.00 (46.00, 155.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 13.00 (7.00, 44.00) | |
| I am moderately anxious or depressed | -14.30 (-43.60, -11.71) | |
| I am extremely anxious or depressed | 1.00 (-2.50, 6.10) | |
| Missing | 51.00 (46.00, 155.00) | |
| Patient satisfaction | | |
| Very satisfied | -12.00 (-47.00, 2.00) | |
| Somewhat satisfied | 14.00 (12.91, 40.09) | 0.39 (-2.04, 0.88) |
| Somewhat dissatisfied | -2.50 (-15.00, 4.50) | |
| Very dissatisfied | -1.00 (-15.80, 12.00) | |
| Missing | 19.00 (11.00, 64.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 39.00 (40.00, 112.00) | |
| EQ-5D health state at discharge | -5.00 (-51.00, 30.00) | |
| Missing | 33.00 (24.00, 106.00) | |
| EQ-5D health state at 30 day follow-up | 90.00 (104.00, 251.00) | |
| Missing | 49.00 (44.00, 148.00) | |
| Cost of treatment | -9500.00 (-33000.00, 2588.71) | |
| Missing | 60.00 (49.00, 188.00) | 9.57 (3.02, 20.61) |

Change from baseline Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-------------------------|----------------------|
| 30 day mortality | | |
| Yes | 18.50 (20.10, 51.20) | |
| No | -18.00 (-50.00, -19.00) | |
| Missing | 19.00 (12.00, 43.00) | |
| 24 hour mortality | | |
| Yes | -2.40 (-4.80, -0.60) | -Inf (-Inf, -Inf) |
| No | 2.00 (0.00, 4.00) | Inf (Inf, Inf) |
| Missing | 4.00 (-1.87, 11.00) | |
| In-hospital mortality | | |
| Yes | 10.00 (9.90, 30.20) | |
| No | -10.00 (-30.00, -10.00) | |
| Missing | 2.00 (2.00, 6.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (0.00, 20.00) | |
| No | -2.40 (-18.80, 1.50) | |
| Missing | 27.00 (26.00, 65.00) | |
| Return to work | | |
| Yes | 16.00 (-17.00, 45.00) | |
| No | -16.00 (-45.00, 17.00) | |
| Missing | 43.00 (35.00, 95.00) | |
| Pulmonary complication | | |
| Yes | 2.20 (2.50, 6.80) | -0.00 (-0.00, -0.00) |
| No | -2.00 (-6.00, -2.00) | 0.00 (0.00, 0.00) |
| Missing | 32.00 (27.00, 72.00) | |
| Septic complication | | |
| Yes | -0.50 (-4.00, 4.20) | |
| No | 0.00 (-5.00, 3.00) | |
| Missing | 34.00 (30.13, 77.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 32.00 (28.00, 72.00) | |
| Coagulopathy | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Yes | 0.00 (0.00, 8.30) | |
| No | 0.00 (-8.00, 0.00) | |
| Missing | 33.00 (29.00, 74.00) | |
| Need for reexploration or resurgery | | |
| Yes | 3.00 (2.10, 8.50) | |
| No | -3.00 (-8.00, -2.00) | |
| Missing | 41.00 (37.00, 91.00) | |
| Failure of conservative management | | |
| No | -2.00 (-17.00, -1.00) | |
| Yes | 2.30 (1.30, 17.70) | |
| Missing | 41.00 (29.00, 90.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -9.00 (-29.00, 18.00) | |
| I have some problems in walking | 8.00 (1.35, 35.10) | |
| I am confined to bed | -0.40 (-38.80, 7.30) | |
| Missing | 44.00 (44.13, 105.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -14.00 (-46.87, 6.00) | |
| I have some problems bathing or dressing myself | 19.70 (8.80, 53.89) | |
| I am unable to bathe or dress myself | -6.40 (-31.80, 6.20) | |
| Missing | 44.00 (44.13, 105.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -16.00 (-51.00, 4.00) | |
| I have some problems in performing my usual activities | 16.70 (6.40, 52.89) | |
| I am unable to perform my usual activities | 0.10 (-23.76, 13.85) | |
| Missing | 44.00 (44.13, 105.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -39.00 (-108.00, -35.13) | |
| I have moderate pain or discomfort | 27.00 (24.00, 84.00) | |
| I have extreme pain or discomfort | 11.40 (2.80, 27.30) | |
| Missing | 44.00 (44.13, 105.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -9.00 (-29.00, 17.00) | 0.59 (-0.47, 1.03) |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I am moderately anxious or depressed | 7.80 (-20.70, 25.59) | 0.59 (-0.47, 1.03) |
| I am extremely anxious or depressed | 1.50 (0.60, 7.50) | |
| Missing | 44.00 (44.13, 105.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 5.00 (-16.00, 36.00) | |
| I have some problems in walking | 11.00 (1.00, 48.00) | |
| I am confined to bed | -16.50 (-58.26, -14.39) | |
| Missing | 48.00 (39.00, 104.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 2.00 (-26.12, 19.12) | |
| I have some problems bathing or dressing myself | 13.20 (-0.51, 41.70) | |
| I am unable to bathe or dress myself | -15.80 (-39.30, 0.31) | |
| Missing | 48.00 (39.00, 104.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-32.00, 23.00) | |
| I have some problems in performing my usual activities | -4.00 (-14.91, 22.00) | |
| I am unable to perform my usual activities | -1.50 (-8.41, 17.70) | |
| Missing | 48.00 (39.00, 104.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -4.00 (-30.00, 22.00) | |
| I have moderate pain or discomfort | 0.00 (-30.00, 21.91) | |
| I have extreme pain or discomfort | 4.30 (4.80, 12.00) | |
| Missing | 48.00 (39.00, 104.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -13.00 (-56.12, -12.00) | |
| I am moderately anxious or depressed | 9.30 (6.99, 47.62) | |
| I am extremely anxious or depressed | 3.30 (4.20, 9.51) | |
| Missing | 48.00 (39.00, 104.00) | |
| Patient satisfaction | | |
| Very satisfied | -18.00 (-56.00, -9.13) | |
| Somewhat satisfied | 1.30 (-27.40, 12.50) | |

| Outcome | Absolute difference | Relative difference |
|---|-------------------------------|---------------------|
| Somewhat dissatisfied | 5.60 (4.00, 22.20) | |
| Very dissatisfied | 11.00 (12.40, 36.29) | |
| Missing | 24.00 (24.00, 58.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 29.00 (16.00, 68.87) | |
| EQ-5D health state at discharge | -10.00 (-56.00, 16.87) | |
| Missing | 35.00 (30.00, 81.00) | |
| EQ-5D health state at 30 day follow-up | 73.00 (65.00, 175.00) | |
| Missing | 45.00 (34.00, 98.00) | |
| Cost of treatment | -10975.00 (-30950.00, 553.49) | |
| Missing | 64.00 (58.00, 143.87) | |

Change from baseline ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-------------------------|---------------------|
| 30 day mortality | | |
| Yes | 8.90 (2.50, 32.10) | |
| No | -9.00 (-32.00, -3.00) | |
| Missing | -4.00 (-33.00, 0.00) | |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 2.90) | |
| No | 0.00 (-3.00, 0.00) | |
| Missing | -3.00 (-15.00, -2.00) | |
| In-hospital mortality | | |
| Yes | 6.60 (3.90, 23.30) | |
| No | -7.00 (-24.00, -5.00) | |
| Missing | 1.00 (0.00, 4.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 7.00 (7.00, 28.00) | |
| No | -7.10 (-28.29, -6.91) | |
| Missing | 5.00 (-15.00, 20.00) | |
| Return to work | | |
| Yes | -21.00 (-94.00, -19.00) | |

| Outcome | Absolute difference | Relative difference |
|---|-------------------------|----------------------|
| No | 21.00 (19.00, 94.00) | |
| Missing | -2.00 (-53.00, 6.87) | |
| Pulmonary complication | | |
| Yes | 2.20 (2.50, 7.30) | -0.00 (-0.00, -0.00) |
| No | -2.00 (-7.00, -2.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-35.00, 9.00) | |
| Septic complication | | |
| Yes | 1.20 (-1.10, 7.10) | |
| No | -1.00 (-7.00, 1.00) | |
| Missing | 1.00 (-34.00, 12.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 1.00 (-32.00, 12.00) | |
| Coagulopathy | | |
| Yes | 4.30 (8.60, 16.90) | Inf (Inf, Inf) |
| No | -4.00 (-16.00, -8.00) | -Inf (-Inf, -Inf) |
| Missing | 1.00 (-34.00, 12.00) | |
| Need for reexploration or resurgery | | |
| Yes | 0.50 (-2.80, 3.80) | |
| No | 0.00 (-3.00, 4.00) | |
| Missing | 2.00 (-38.00, 14.00) | |
| Failure of conservative management | | |
| No | -8.00 (-29.00, -11.00) | |
| Yes | 8.60 (11.60, 30.41) | |
| Missing | -8.00 (-68.00, -4.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | 13.00 (10.00, 62.00) | |
| I have some problems in walking | 9.70 (4.70, 39.29) | |
| I am confined to bed | -23.40 (-83.77, -28.01) | |
| Missing | 9.00 (-22.00, 36.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | 4.00 (-12.00, 40.00) | |
| I have some problems bathing or dressing myself | -2.30 (-32.70, 11.40) | |
| I am unable to bathe or dress myself | -2.40 (-25.49, 15.00) | |
| Missing | 9.00 (-22.00, 36.00) | |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|---------------------|
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | 2.00 (-18.00, 36.00) | |
| I have some problems in performing my usual activities | 3.70 (-17.86, 27.40) | |
| I am unable to perform my usual activities | -4.90 (-32.70, 6.49) | |
| Missing | 9.00 (-22.00, 36.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -14.00 (-62.00, 12.00) | |
| I have moderate pain or discomfort | 16.00 (2.13, 65.00) | |
| I have extreme pain or discomfort | -2.60 (-23.20, 0.40) | |
| Missing | 9.00 (-22.00, 36.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 11.00 (5.13, 56.00) | 1.50 (0.90, 2.81) |
| I am moderately anxious or depressed | -14.00 (-63.59, -11.21) | 1.74 (1.32, 3.30) |
| I am extremely anxious or depressed | 2.40 (2.40, 9.20) | |
| Missing | 9.00 (-22.00, 36.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 6.00 (-14.00, 40.00) | 1.86 (1.21, 4.59) |
| I have some problems in walking | 10.00 (0.39, 46.00) | |
| I am confined to bed | -16.40 (-59.80, -12.48) | |
| Missing | -3.00 (-61.00, 4.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -9.00 (-49.00, 1.00) | |
| I have some problems bathing or dressing myself | -2.30 (-30.04, 12.30) | |
| I am unable to bathe or dress myself | 11.30 (11.19, 52.70) | |
| Missing | -3.00 (-61.00, 4.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -29.00 (-102.12, -33.00) | |
| I have some problems in performing my usual activities | 18.00 (20.20, 66.20) | |
| I am unable to perform my usual activities | 11.30 (14.10, 42.80) | |

| Outcome | Absolute difference | Relative difference |
|---|--------------------------------|----------------------------|
| Missing | -3.00 (-61.00, 4.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | 4.00 (-17.00, 37.00) | |
| I have moderate pain or discomfort | -6.00 (-41.00, 13.00) | |
| I have extreme pain or discomfort | 2.30 (1.50, 8.50) | |
| Missing | -3.00 (-61.00, 4.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -26.00 (-83.00, -33.00) | |
| I am moderately anxious or depressed | 23.60 (29.29, 76.51) | |
| I am extremely anxious or depressed | 2.30 (2.40, 8.20) | |
| Missing | -3.00 (-61.00, 4.00) | |
| Patient satisfaction | | |
| Very satisfied | -6.00 (-32.00, 13.87) | |
| Somewhat satisfied | -12.70 (-54.40, -11.86) | |
| Somewhat dissatisfied | 8.10 (8.61, 28.09) | |
| Very dissatisfied | 12.00 (14.40, 38.40) | |
| Missing | 5.00 (-12.00, 19.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | -10.00 (-61.00, -6.00) | |
| EQ-5D health state at discharge | -5.00 (-45.00, 20.00) | |
| Missing | 2.00 (-33.00, 16.00) | |
| EQ-5D health state at 30 day follow-up | -17.00 (-112.00, -9.88) | |
| Missing | -4.00 (-61.00, 2.00) | |
| Cost of treatment | -1475.00 (-12612.48, 14799.60) | |
| Missing | 4.00 (-57.00, 24.00) | |

85% confidence level

overall

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|-------------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 2.50 (-1.40, 5.00) | 7.30 (3.60, 10.80) | 13.00 (9.00, 16.39) |
| No | 98.00 (96.00, 102.00) | 93.00 (90.00, 97.00) | 87.00 (84.00, 91.00) |
| Missing | 4.00 (1.00, 7.00) | 20.00 (14.00, 26.92) | 29.00 (21.00, 36.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.50 (-0.10, 1.00) |
| No | | | 99.00 (98.00, 99.00) |
| Missing | 4.00 (1.00, 7.00) | 13.00 (8.00, 18.00) | 7.00 (3.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 2.30 (-1.40, 4.60) | 5.40 (2.50, 8.30) | 11.00 (8.00, 14.50) |
| No | 98.00 (96.00, 102.00) | 95.00 (92.00, 98.00) | 90.00 (88.00, 94.00) |
| Missing | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (0.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 97.00 (94.00, 101.00) | 97.00 (95.00, 100.00) | 98.00 (97.00, 100.00) |
| No | 2.80 (-1.40, 5.60) | 3.40 (0.70, 5.80) | 2.30 (0.60, 4.00) |
| Missing | 8.00 (4.00, 12.00) | 11.00 (6.00, 16.00) | 26.00 (19.00, 33.00) |
| Return to work | | | |
| Yes | 64.00 (50.00, 78.00) | 72.00 (66.00, 79.00) | 51.00 (45.00, 58.00) |
| No | 36.00 (22.00, 50.00) | 28.00 (21.00, 34.00) | 49.00 (42.00, 55.00) |
| Missing | 19.00 (13.00, 25.00) | 31.00 (24.00, 39.00) | 68.00 (57.00, 79.00) |
| Pulmonary complication | | | |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|-----------------------|-----------------------|-------------------------------|
| Yes | 0.00 (0.00, 0.00) | 0.90 (-0.59, 1.80) | 0.00 (0.00, 0.00) |
| No | | 99.00 (98.00, 100.00) | |
| Missing | 11.00 (6.00, 15.00) | 21.00 (15.00, 28.00) | 35.00 (26.08, 43.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.70 (1.00, 6.40) | 1.20 (0.00, 2.40) |
| No | | 96.00 (93.00, 98.00) | 99.00 (98.00, 100.00) |
| Missing | 11.00 (6.00, 15.00) | 22.00 (15.08, 29.00) | 34.00 (25.00, 42.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 10.00 (6.00, 14.00) | 21.00 (15.00, 28.00) | 33.00 (25.00, 41.00) |
| Coagulopathy | | | |
| Yes | 3.00 (-1.70, 6.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 97.00 (94.00, 102.00) | | |
| Missing | 11.00 (6.00, 15.00) | 22.00 (16.00, 29.00) | 33.00 (25.00, 41.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 1.80 (-0.20, 3.60) | 1.90 (0.21, 3.20) |
| No | | 98.00 (96.00, 100.00) | 98.00 (97.00, 100.00) |
| Missing | 10.00 (5.00, 14.00) | 20.00 (14.00, 26.00) | 43.00 (34.00, 52.00) |
| Failure of conservative management | | | |
| No | 94.00 (88.00, 102.00) | 98.00 (96.00, 100.00) | 99.00 (98.00, 101.00) |
| Yes | 6.50 (-1.00, 13.00) | 1.90 (-0.10, 3.80) | 1.30 (-0.10, 2.60) |
| Missing | 13.00 (8.00, 18.00) | 23.00 (16.00, 30.00) | 46.00 (37.00, 55.92) |
| EQ-5D mobility at discharge | | | |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|----------------------|----------------------|-------------------------------|
| I have no problems in walking | 80.00 (70.00, 91.00) | 88.00 (83.00, 93.00) | 62.00 (57.00, 68.00) |
| I have some problems in walking | 10.00 (1.00, 17.00) | 7.90 (3.80, 11.40) | 18.00 (13.00, 22.00) |
| I am confined to bed | 10.00 (1.00, 16.80) | 4.00 (1.10, 6.80) | 20.00 (15.00, 25.00) |
| Missing | 14.00 (8.00, 19.00) | 29.00 (22.00, 36.00) | 45.00 (35.00, 54.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 63.00 (50.00, 76.00) | 83.00 (78.00, 88.00) | 52.00 (46.00, 58.00) |
| I have some problems bathing or dressing myself | 13.00 (3.00, 21.80) | 9.90 (5.80, 14.00) | 27.00 (22.00, 32.00) |
| I am unable to bathe or dress myself | 23.00 (11.00, 33.00) | 6.90 (2.80, 10.30) | 21.00 (16.00, 26.00) |
| Missing | 14.00 (8.00, 19.00) | 29.00 (22.00, 36.00) | 45.00 (35.00, 54.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 57.00 (45.00, 71.00) | 81.00 (76.00, 87.00) | 48.00 (42.00, 53.00) |
| I have some problems in performing my usual activities | 23.00 (10.08, 34.00) | 11.00 (6.00, 15.20) | 36.00 (31.00, 42.00) |
| I am unable to perform my usual activities | 20.00 (8.00, 30.00) | 7.90 (3.80, 11.60) | 16.00 (12.00, 20.00) |
| Missing | 14.00 (8.00, 19.00) | 29.00 (22.00, 36.00) | 45.00 (35.00, 54.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 43.00 (30.00, 56.00) | 52.00 (44.00, 58.00) | 27.00 (21.00, 31.00) |
| I have moderate pain or discomfort | 57.00 (44.00, 70.00) | 44.00 (38.00, 52.00) | 36.00 (30.00, 41.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 4.00 (1.20, 6.90) | 36.00 (30.00, 41.00) |
| Missing | 14.00 (8.00, 19.00) | 29.00 (22.00, 36.00) | 45.00 (35.00, 54.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 70.00 (59.00, 84.00) | 86.00 (81.00, 91.00) | 89.00 (86.00, 93.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|----------------------|----------------------|-------------------------------|
| I am moderately anxious or depressed | 30.00 (16.00, 41.00) | 13.00 (9.00, 17.70) | 9.60 (6.20, 12.80) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-0.70, 2.00) | 1.90 (0.20, 3.20) |
| Missing | 14.00 (8.00, 19.00) | 29.00 (22.00, 36.00) | 45.00 (35.00, 54.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 77.00 (66.00, 90.00) | 95.00 (92.00, 98.00) | 74.00 (68.00, 79.00) |
| I have some problems in walking | 19.00 (7.00, 29.70) | 3.00 (0.50, 5.10) | 16.00 (12.00, 21.00) |
| I am confined to bed | 3.80 (-2.40, 7.60) | 2.00 (-0.20, 4.00) | 9.80 (5.60, 13.39) |
| Missing | 18.00 (12.00, 23.92) | 29.00 (22.00, 37.00) | 69.00 (57.00, 80.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 81.00 (70.00, 93.00) | 94.00 (91.00, 97.00) | 77.00 (72.00, 82.00) |
| I have some problems bathing or dressing myself | 12.00 (3.00, 20.40) | 2.00 (-0.10, 4.00) | 13.00 (9.00, 17.20) |
| I am unable to bathe or dress myself | 7.70 (-0.60, 15.40) | 4.00 (1.00, 6.90) | 9.80 (5.60, 13.30) |
| Missing | 18.00 (12.00, 23.92) | 29.00 (22.00, 37.00) | 69.00 (57.00, 80.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 81.00 (71.00, 94.00) | 93.00 (90.00, 97.00) | 79.00 (74.00, 85.00) |
| I have some problems in performing my usual activities | 12.00 (2.08, 20.30) | 3.00 (0.60, 5.10) | 14.00 (10.00, 18.70) |
| I am unable to perform my usual activities | 7.70 (-0.60, 15.40) | 4.00 (1.00, 6.90) | 7.50 (4.00, 10.70) |
| Missing | 18.00 (12.00, 23.92) | 29.00 (22.00, 37.00) | 69.00 (57.00, 80.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 77.00 (65.00, 89.92) | 82.00 (76.00, 87.00) | 78.00 (73.00, 83.00) |
| I have moderate pain or discomfort | 23.00 (10.08, 35.00) | 17.00 (12.00, 23.00) | 20.00 (14.00, 24.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|---|------------------------------|----------------------------|-------------------------------|
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 1.00 (-0.70, 2.00) | 1.50 (-0.30, 3.00) |
| Missing | 18.00 (12.00, 23.92) | 29.00 (22.00, 37.00) | 69.00 (57.00, 80.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 88.00 (80.00, 97.92) | 92.00 (88.00, 96.00) | 95.00 (92.00, 97.00) |
| I am moderately anxious or depressed | 12.00 (2.08, 20.30) | 6.90 (2.80, 10.20) | 3.80 (1.31, 6.10) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-0.70, 2.00) | 0.80 (-0.50, 1.60) |
| Missing | 18.00 (12.00, 23.92) | 29.00 (22.00, 37.00) | 69.00 (57.00, 80.00) |
| Patient satisfaction | | | |
| Very satisfied | 74.00 (65.00, 84.00) | 85.00 (80.00, 90.00) | 69.00 (64.00, 73.00) |
| Somewhat satisfied | 21.00 (11.00, 30.00) | 9.90 (5.80, 13.69) | 16.00 (12.00, 20.00) |
| Somewhat dissatisfied | 2.60 (-1.69, 5.20) | 1.70 (0.00, 3.40) | 9.00 (5.00, 11.80) |
| Very dissatisfied | 2.60 (-1.60, 5.20) | 3.30 (0.91, 5.70) | 5.10 (2.71, 7.40) |
| Missing | 6.00 (3.00, 9.00) | 9.00 (5.00, 13.00) | 25.00 (18.00, 32.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 13.00 (8.00, 18.00) | 19.00 (13.00, 25.00) | 36.00 (27.00, 44.00) |
| EQ-5D health state at discharge | | | |
| | 60.00 (45.00, 70.00) | 80.00 (70.00, 80.00) | 50.00 (40.00, 94.00) |
| Missing | 15.00 (9.00, 20.00) | 35.00 (27.00, 43.00) | 58.00 (47.00, 68.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | 88.00 (76.00, 96.00) | 100.00 (100.00, 100.00) | 80.00 (63.00, 124.77) |
| Missing | 18.00 (12.00, 23.92) | 32.00 (25.00, 40.00) | 75.00 (63.00, 86.00) |
| Cost of treatment | | | |
| | 5000.00 (-4000.00, 10000.00) | 2000.00 (1975.00, 2500.00) | 3000.00 (-3500.00, 4000.00) |
| Missing | 35.00 (26.00, 43.00) | 39.00 (30.00, 47.00) | 113.00 (100.00, 125.00) |

pre.training

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|
| 30 day mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 10.00 (3.00, 16.00) | 2.60 (-1.50, 5.20) |
| No | | 90.00 (84.00, 97.00) | 97.00 (94.00, 101.00) |
| Missing | 2.00 (0.00, 4.00) | 8.00 (4.00, 12.00) | 3.00 (1.00, 5.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.40 (-1.50, 4.80) |
| No | | | 98.00 (96.00, 102.00) |
| Missing | 2.00 (0.00, 4.00) | 5.00 (2.00, 8.00) | 0.00 (0.00, 0.00) |
| In-hospital mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 7.00 (2.00, 12.00) | 4.90 (-0.20, 9.80) |
| No | | 93.00 (88.00, 98.00) | 95.00 (90.00, 100.00) |
| Missing | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Self-ambulatory at discharge | | | |
| Yes | 92.00 (84.00, 104.00) | 96.00 (92.00, 101.00) | 95.00 (90.00, 101.00) |
| No | 8.30 (-3.40, 16.60) | 4.10 (-0.60, 8.20) | 5.10 (-0.80, 10.20) |
| Missing | 4.00 (1.00, 7.00) | 8.00 (4.00, 12.00) | 2.00 (0.00, 4.00) |
| Return to work | | | |
| Yes | 83.00 (66.00, 110.00) | 74.00 (65.00, 85.00) | 41.00 (28.00, 53.00) |
| No | 17.00 (-10.00, 34.00) | 26.00 (15.00, 35.00) | 59.00 (47.00, 72.00) |
| Missing | 10.00 (5.00, 14.00) | 15.00 (10.00, 20.00) | 12.00 (7.00, 17.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-1.10, 4.40) | 0.00 (0.00, 0.00) |
| No | | | |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|-----------------------|------------------------------|
| | | 98.00 (96.00, 101.00) | |
| Missing | 6.00 (3.00, 9.00) | 11.00 (6.00, 15.00) | 2.00 (0.00, 4.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 4.40 (-0.30, 8.80) | 2.50 (-1.30, 5.00) |
| No | | 96.00 (92.00, 101.00) | 98.00 (96.00, 102.00) |
| Missing | 6.00 (3.00, 9.00) | 12.00 (7.00, 17.00) | 1.00 (0.00, 2.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (2.00, 8.00) | 11.00 (6.00, 15.00) | 1.00 (0.00, 2.00) |
| Coagulopathy | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 6.00 (3.00, 9.00) | 12.00 (7.00, 16.00) | 1.00 (0.00, 2.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 2.10 (-1.59, 4.20) | 0.00 (0.00, 0.00) |
| No | | 98.00 (96.00, 102.00) | |
| Missing | 4.00 (1.00, 7.00) | 10.00 (5.00, 14.00) | 1.00 (0.00, 2.00) |
| Failure of conservative management | | | |
| No | | 98.00 (96.00, 102.00) | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-1.40, 4.40) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (5.00, 14.00) | 11.00 (6.00, 15.00) | 2.00 (0.00, 4.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 67.00 (48.00, 89.00) | 83.00 (75.00, 92.00) | 62.00 (51.00, 74.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|----------------------|------------------------------|
| I have some problems in walking | 8.30 (-4.40, 16.60) | 12.00 (4.00, 18.70) | 18.00 (9.00, 26.20) |
| I am confined to bed | 25.00 (5.08, 41.70) | 4.90 (-0.20, 9.80) | 21.00 (12.00, 30.92) |
| Missing | 4.00 (1.00, 7.00) | 16.00 (10.00, 21.00) | 2.00 (0.00, 4.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 58.00 (36.00, 78.00) | 80.00 (71.00, 89.00) | 59.00 (48.00, 71.00) |
| I have some problems bathing or dressing myself | 17.00 (1.00, 34.00) | 12.00 (4.00, 18.70) | 15.00 (6.00, 22.69) |
| I am unable to bathe or dress myself | 25.00 (5.08, 41.70) | 7.30 (0.60, 12.30) | 26.00 (16.00, 36.00) |
| Missing | 4.00 (1.00, 7.00) | 16.00 (10.00, 21.00) | 2.00 (0.00, 4.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 50.00 (29.00, 71.00) | 76.00 (67.00, 86.00) | 54.00 (42.00, 66.00) |
| I have some problems in performing my usual activities | 25.00 (6.00, 42.25) | 15.00 (7.00, 22.90) | 28.00 (17.00, 38.00) |
| I am unable to perform my usual activities | 25.00 (5.08, 41.70) | 9.80 (2.60, 16.69) | 18.00 (8.00, 27.08) |
| Missing | 4.00 (1.00, 7.00) | 16.00 (10.00, 21.00) | 2.00 (0.00, 4.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 33.00 (11.00, 52.00) | 34.00 (22.00, 44.00) | 33.00 (22.00, 43.00) |
| I have moderate pain or discomfort | 67.00 (48.00, 89.00) | 63.00 (52.00, 75.00) | 41.00 (28.08, 52.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.40 (-1.69, 4.80) | 26.00 (16.00, 36.00) |
| Missing | 4.00 (1.00, 7.00) | 16.00 (10.00, 21.00) | 2.00 (0.00, 4.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 50.00 (29.00, 71.00) | 73.00 (63.00, 83.00) | 79.00 (69.00, 87.00) |
| I am moderately anxious or depressed | 50.00 (29.00, 71.00) | 24.00 (14.00, 33.00) | 18.00 (9.00, 26.90) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|-----------------------|----------------------|------------------------------|
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.40 (-1.69, 4.80) | 2.60 (-1.10, 5.20) |
| Missing | 4.00 (1.00, 7.00) | 16.00 (10.00, 21.00) | 2.00 (0.00, 4.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 67.00 (34.00, 96.00) | 91.00 (85.00, 98.00) | 65.00 (53.00, 78.00) |
| I have some problems in walking | 17.00 (-9.00, 34.00) | 7.00 (1.00, 11.90) | 13.00 (4.00, 22.00) |
| I am confined to bed | 17.00 (-10.00, 34.00) | 2.30 (-1.90, 4.60) | 23.00 (13.00, 34.00) |
| Missing | 10.00 (5.00, 14.00) | 14.00 (9.00, 19.00) | 10.00 (6.00, 14.92) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 83.00 (66.00, 109.00) | 91.00 (85.00, 98.00) | 71.00 (59.00, 83.00) |
| I have some problems bathing or dressing myself | 17.00 (-9.00, 34.00) | 4.70 (-0.29, 9.40) | 6.50 (-0.92, 13.00) |
| I am unable to bathe or dress myself | 0.00 (0.00, 0.00) | 4.70 (-0.60, 9.40) | 23.00 (13.00, 33.00) |
| Missing | 10.00 (5.00, 14.00) | 14.00 (9.00, 19.00) | 10.00 (6.00, 14.92) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | | 91.00 (85.00, 98.00) | 71.00 (59.00, 83.00) |
| I have some problems in performing my usual activities | 0.00 (0.00, 0.00) | 4.70 (-0.29, 9.40) | 19.00 (8.00, 28.60) |
| I am unable to perform my usual activities | 0.00 (0.00, 0.00) | 4.70 (-0.60, 9.40) | 9.70 (0.40, 16.50) |
| Missing | 10.00 (5.00, 14.00) | 14.00 (9.00, 19.00) | 10.00 (6.00, 14.92) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 67.00 (34.00, 96.00) | 77.00 (68.00, 87.00) | 74.00 (63.00, 86.00) |
| I have moderate pain or discomfort | 33.00 (3.00, 66.00) | 21.00 (12.00, 30.00) | 26.00 (14.00, 37.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.30 (-1.50, 4.60) | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|---|--------------------------|-----------------------------|--------------------------------|
| Missing | 10.00 (5.00, 14.00) | 14.00 (9.00, 19.00) | 10.00 (6.00, 14.92) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | | 86.00 (79.00, 94.00) | 97.00 (94.00, 102.92) |
| I am moderately anxious or depressed | 0.00 (0.00, 0.00) | 12.00 (5.00, 19.10) | 3.20 (-2.18, 6.40) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.30 (-1.50, 4.60) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (5.00, 14.00) | 14.00 (9.00, 19.00) | 10.00 (6.00, 14.92) |
| Patient satisfaction | | | |
| Very satisfied | 64.00 (45.00, 83.00) | 73.00 (65.00, 82.00) | 67.00 (57.00, 78.00) |
| Somewhat satisfied | 36.00 (17.00, 55.00) | 16.00 (8.00, 23.50) | 23.00 (13.00, 32.00) |
| Somewhat dissatisfied | 0.00 (0.00, 0.00) | 3.90 (-0.20, 7.80) | 7.70 (1.40, 13.00) |
| Very dissatisfied | 0.00 (0.00, 0.00) | 7.80 (2.60, 13.20) | 2.60 (-1.50, 5.20) |
| Missing | 2.00 (0.00, 4.00) | 6.00 (2.00, 9.00) | 2.00 (0.00, 4.00) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (5.00, 14.00) | 8.00 (4.00, 12.00) | 2.00 (0.00, 4.00) |
| EQ-5D health state at discharge | 60.00 (40.00, 75.00) | 80.00 (80.00, 90.00) | 50.00 (20.00, 96.00) |
| Missing | 5.00 (2.00, 8.00) | 16.00 (10.00, 21.00) | 10.00 (5.00, 15.00) |
| EQ-5D health state at 30 day follow-up | 100.00 (100.00, 140.00) | 100.00 (100.00, 110.00) | 10.00 (-80.00, 11.00) |
| Missing | 10.00 (5.00, 14.00) | 15.00 (10.00, 20.00) | 14.00 (8.00, 19.00) |
| Cost of treatment | 7000.00 (0.00, 14000.00) | 2025.00 (-1950.00, 2551.00) | 14000.00 (-14236.27, 26250.00) |
| Missing | 14.00 (9.00, 19.00) | 18.00 (12.00, 24.00) | 23.00 (16.00, 29.00) |

post.training

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-2.40, 7.60) | 4.90 (0.40, 8.30) | 16.00 (11.00, 20.00) |
| No | 96.00 (92.00, 102.00) | 95.00 (92.00, 99.00) | 84.00 (80.00, 89.00) |
| Missing | 2.00 (0.00, 4.00) | 12.00 (7.00, 17.00) | 26.00 (19.00, 33.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 2.00 (0.00, 4.00) | 8.00 (4.00, 12.00) | 7.00 (3.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-2.30, 7.40) | 4.10 (0.31, 6.90) | 12.00 (9.00, 15.60) |
| No | 96.00 (92.00, 102.00) | 96.00 (93.00, 100.00) | 88.00 (84.00, 91.00) |
| Missing | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (0.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | | 97.00 (94.00, 100.00) | 99.00 (98.00, 101.00) |
| No | 0.00 (0.00, 0.00) | 2.90 (-0.50, 5.80) | 1.50 (0.00, 3.00) |
| Missing | 4.00 (1.00, 7.00) | 3.00 (0.00, 5.00) | 24.00 (17.00, 31.00) |
| Return to work | | | |
| Yes | 58.00 (41.00, 74.00) | 70.00 (61.00, 79.00) | 53.00 (46.00, 60.00) |
| No | 42.00 (26.00, 59.00) | 30.00 (21.00, 39.00) | 47.00 (40.00, 54.00) |
| Missing | 9.00 (5.00, 13.00) | 16.00 (10.00, 21.00) | 56.00 (45.08, 65.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| | 5.00 (2.00, 8.00) | 10.00 (6.00, 14.00) | 33.00 (25.00, 41.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.20 (-0.20, 6.40) | 0.80 (-0.10, 1.60) |
| No | | 97.00 (94.00, 101.00) | 99.00 (98.00, 100.00) |
| Missing | 5.00 (2.00, 8.00) | 10.00 (6.00, 14.00) | 33.00 (25.00, 41.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (2.00, 8.00) | 10.00 (6.00, 14.00) | 32.00 (24.00, 39.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-2.40, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 96.00 (92.00, 103.00) | | |
| Missing | 5.00 (2.00, 8.00) | 10.00 (6.00, 14.00) | 32.00 (24.00, 39.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 1.60 (-1.00, 3.20) | 2.50 (0.30, 4.20) |
| No | | 98.00 (96.00, 100.00) | 97.00 (95.00, 99.00) |
| Missing | 6.00 (2.00, 9.00) | 10.00 (6.00, 14.00) | 42.00 (33.00, 51.00) |
| Failure of conservative management | | | |
| No | 92.00 (84.00, 101.00) | 98.00 (96.00, 100.00) | 98.00 (96.00, 100.00) |
| Yes | 8.00 (-1.00, 16.00) | 1.60 (-1.10, 3.20) | 1.70 (-0.20, 3.40) |
| Missing | 3.00 (0.00, 5.00) | 12.00 (7.00, 17.00) | 44.00 (35.00, 53.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 89.00 (78.00, 101.00) | 92.00 (87.00, 98.00) | 62.00 (56.00, 69.00) |
| I have some problems in walking | 11.00 (-1.00, 22.00) | 5.00 (0.40, 8.40) | 19.00 (14.00, 25.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|----------------------|----------------------|-------------------------------|
| I am confined to bed | 0.00 (0.00, 0.00) | 3.30 (-0.30, 6.60) | 19.00 (13.00, 24.00) |
| Missing | 10.00 (5.00, 14.00) | 13.00 (8.00, 18.00) | 43.00 (34.00, 51.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 67.00 (51.00, 86.92) | 85.00 (79.00, 92.00) | 50.00 (44.00, 57.00) |
| I have some problems bathing or dressing myself | 11.00 (-1.00, 22.00) | 8.30 (2.60, 13.20) | 31.00 (25.00, 37.00) |
| I am unable to bathe or dress myself | 22.00 (6.00, 36.30) | 6.70 (2.40, 11.50) | 19.00 (13.00, 23.92) |
| Missing | 10.00 (5.00, 14.00) | 13.00 (8.00, 18.00) | 43.00 (34.00, 51.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 61.00 (44.00, 79.00) | 85.00 (79.00, 92.00) | 47.00 (41.00, 54.00) |
| I have some problems in performing my usual activities | 22.00 (5.00, 36.30) | 8.30 (2.60, 13.20) | 38.00 (31.00, 44.00) |
| I am unable to perform my usual activities | 17.00 (3.00, 29.18) | 6.70 (2.40, 11.50) | 15.00 (9.00, 19.00) |
| Missing | 10.00 (5.00, 14.00) | 13.00 (8.00, 18.00) | 43.00 (34.00, 51.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 50.00 (32.00, 67.00) | 65.00 (55.00, 74.00) | 25.00 (19.00, 30.00) |
| I have moderate pain or discomfort | 50.00 (33.00, 68.00) | 30.00 (22.00, 39.00) | 35.00 (29.00, 42.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 5.00 (1.00, 8.50) | 40.00 (33.00, 46.00) |
| Missing | 10.00 (5.00, 14.00) | 13.00 (8.00, 18.00) | 43.00 (34.00, 51.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 83.00 (71.00, 97.00) | 95.00 (92.00, 99.00) | 92.00 (89.00, 96.00) |
| I am moderately anxious or depressed | 17.00 (3.00, 29.00) | 5.00 (0.61, 8.50) | 6.80 (3.60, 10.09) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.70 (-0.10, 3.40) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|----------------------|-----------------------|-------------------------------|
| Missing | 10.00 (5.00, 14.00) | 13.00 (8.00, 18.00) | 43.00 (34.00, 51.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 80.00 (67.00, 93.00) | 98.00 (96.00, 100.00) | 77.00 (71.00, 83.00) |
| I have some problems in walking | 20.00 (7.00, 33.27) | 0.00 (0.00, 0.00) | 17.00 (12.00, 22.92) |
| I am confined to bed | 0.00 (0.00, 0.00) | 1.70 (-1.10, 3.40) | 5.90 (1.80, 9.00) |
| Missing | 8.00 (4.00, 12.00) | 15.00 (10.00, 20.00) | 59.00 (49.00, 68.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 80.00 (67.00, 93.00) | 97.00 (94.00, 101.00) | 79.00 (73.00, 85.00) |
| I have some problems bathing or dressing myself | 10.00 (-1.00, 20.00) | 0.00 (0.00, 0.00) | 15.00 (10.00, 20.30) |
| I am unable to bathe or dress myself | 10.00 (-0.92, 20.00) | 3.40 (-0.10, 6.80) | 5.90 (2.20, 8.90) |
| Missing | 8.00 (4.00, 12.00) | 15.00 (10.00, 20.00) | 59.00 (49.00, 68.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 75.00 (62.00, 90.00) | 95.00 (92.00, 100.00) | 81.00 (75.00, 86.00) |
| I have some problems in performing my usual activities | 15.00 (1.00, 25.00) | 1.70 (-1.00, 3.40) | 12.00 (7.00, 16.50) |
| I am unable to perform my usual activities | 10.00 (-0.92, 20.00) | 3.40 (-0.10, 6.80) | 6.90 (2.80, 10.19) |
| Missing | 8.00 (4.00, 12.00) | 15.00 (10.00, 20.00) | 59.00 (49.00, 68.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 80.00 (66.08, 93.00) | 86.00 (79.00, 92.00) | 79.00 (73.00, 85.00) |
| I have moderate pain or discomfort | 20.00 (7.00, 33.48) | 14.00 (8.00, 20.60) | 19.00 (13.00, 24.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (-0.30, 4.00) |
| Missing | 8.00 (4.00, 12.00) | 15.00 (10.00, 20.00) | 59.00 (49.00, 68.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|------------------------------|----------------------------|-------------------------------|
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 85.00 (75.00, 99.00) | 97.00 (94.00, 101.00) | 95.00 (92.00, 98.00) |
| I am moderately anxious or depressed | 15.00 (1.00, 25.00) | 3.40 (-0.30, 6.80) | 3.90 (0.91, 6.80) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.00 (-0.70, 2.00) |
| Missing | 8.00 (4.00, 12.00) | 15.00 (10.00, 20.00) | 59.00 (49.00, 68.00) |
| Patient satisfaction | | | |
| Very satisfied | 79.00 (67.00, 91.00) | 94.00 (90.00, 98.00) | 70.00 (64.00, 75.00) |
| Somewhat satisfied | 13.00 (3.00, 21.98) | 5.70 (1.40, 9.70) | 14.00 (9.00, 18.00) |
| Somewhat dissatisfied | 4.20 (-2.60, 8.40) | 0.00 (0.00, 0.00) | 9.40 (5.80, 12.70) |
| Very dissatisfied | 4.20 (-2.60, 8.40) | 0.00 (0.00, 0.00) | 5.80 (3.01, 8.60) |
| Missing | 4.00 (1.00, 7.00) | 3.00 (0.00, 5.00) | 23.00 (16.00, 29.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 3.00 (0.00, 5.00) | 11.00 (6.00, 16.00) | 34.00 (26.00, 42.00) |
| EQ-5D health state at discharge | | | |
| | 65.00 (52.00, 75.00) | 90.00 (90.00, 100.00) | 50.00 (40.00, 93.85) |
| Missing | 10.00 (5.00, 14.00) | 19.00 (13.00, 25.00) | 48.00 (38.00, 57.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | 83.00 (68.00, 86.00) | | 83.00 (66.00, 116.00) |
| Missing | 8.00 (4.00, 12.00) | 17.00 (11.00, 23.00) | 61.00 (50.00, 70.92) |
| Cost of treatment | | | |
| | 5000.00 (-5000.00, 10000.00) | 1500.00 (1000.00, 1901.00) | 2500.00 (-1000.00, 3500.00) |
| Missing | 21.00 (15.00, 27.00) | 21.00 (15.00, 27.00) | 90.00 (78.00, 101.00) |

absolute.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|-----------------------|----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-2.40, 7.60) | -5.10 (-12.70, 2.00) | 13.40 (7.80, 19.40) |
| No | -4.00 (-8.00, 2.00) | 5.00 (-2.00, 12.00) | -13.00 (-19.00, -7.00) |
| Missing | 0.00 (-3.00, 3.00) | 4.00 (-2.00, 10.00) | 23.00 (15.00, 30.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | -2.40 (-4.80, 1.50) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (-2.00, 4.00) |
| Missing | 0.00 (-3.00, 3.00) | 3.00 (-2.00, 8.00) | 7.00 (3.00, 10.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-2.30, 7.40) | -2.90 (-8.90, 2.70) | 7.10 (1.21, 13.39) |
| No | -4.00 (-8.00, 2.00) | 3.00 (-3.00, 9.00) | -7.00 (-13.00, -1.00) |
| Missing | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (0.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 8.00 (-4.00, 16.00) | 1.00 (-4.92, 6.00) | 4.00 (-2.00, 9.00) |
| No | -8.30 (-16.60, 3.40) | -1.20 (-6.10, 4.10) | -3.60 (-8.60, 2.50) |
| Missing | 0.00 (-4.00, 4.00) | -5.00 (-10.00, 0.00) | 22.00 (15.00, 29.00) |
| Return to work | | | |
| Yes | -25.00 (-54.00, 2.00) | -4.00 (-18.00, 8.00) | 12.00 (-3.00, 26.00) |
| No | 25.00 (-2.00, 54.00) | 4.00 (-8.00, 18.00) | -12.00 (-26.92, 3.00) |
| Missing | -1.00 (-7.00, 5.00) | 1.00 (-7.00, 9.00) | 44.00 (33.00, 54.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | -2.20 (-4.40, 1.10) | 0.00 (0.00, 0.00) |
| No | | | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|---------------------|-------------------------------|
| | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) | |
| Missing | -1.00 (-6.00, 3.00) | -1.00 (-7.00, 5.00) | 31.00 (22.00, 39.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | -1.20 (-6.60, 4.20) | -1.70 (-4.90, 2.20) |
| No | 0.00 (0.00, 0.00) | 1.00 (-5.00, 6.00) | 1.00 (-4.00, 4.00) |
| Missing | -1.00 (-6.00, 3.00) | -2.00 (-8.00, 5.00) | 32.00 (24.00, 40.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-4.00, 4.00) | -1.00 (-7.00, 5.00) | 31.00 (23.00, 39.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-2.40, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | -4.00 (-8.00, 3.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | -1.00 (-6.00, 3.00) | -2.00 (-8.00, 5.00) | 31.00 (23.00, 39.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | -0.50 (-4.20, 3.40) | 2.50 (0.30, 4.20) |
| No | 0.00 (0.00, 0.00) | 0.00 (-4.00, 3.00) | -3.00 (-5.00, -1.00) |
| Missing | 2.00 (-3.00, 6.00) | 0.00 (-6.00, 6.00) | 41.00 (32.00, 50.00) |
| Failure of conservative management | | | |
| No | -8.00 (-16.00, 1.00) | 0.00 (-5.00, 3.00) | -2.00 (-4.00, 0.00) |
| Yes | 8.00 (-1.00, 16.00) | -0.60 (-4.50, 3.30) | 1.70 (-0.20, 3.40) |
| Missing | -7.00 (-12.00, -2.00) | 1.00 (-6.00, 8.00) | 42.00 (32.00, 51.00) |
| EQ-5D mobility at discharge | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|------------------------|-------------------------|-------------------------------|
| I have no problems in walking | 22.00 (-1.00, 44.00) | 9.00 (-1.00, 19.92) | 0.00 (-14.00, 12.00) |
| I have some problems in walking | 2.70 (-12.52, 19.08) | -7.00 (-15.50, 2.00) | 1.00 (-9.00, 12.00) |
| I am confined to bed | -25.00 (-41.70, -5.08) | -1.60 (-7.70, 4.48) | -2.00 (-13.57, 8.00) |
| Missing | 6.00 (1.00, 11.00) | -3.00 (-11.00, 4.00) | 41.00 (32.00, 49.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 9.00 (-18.92, 39.00) | 5.00 (-6.00, 16.00) | -9.00 (-22.00, 4.00) |
| I have some problems bathing or dressing myself | -6.00 (-25.99, 13.00) | -3.70 (-12.40, 5.19) | 16.00 (6.01, 27.00) |
| I am unable to bathe or dress myself | -3.00 (-27.00, 20.98) | -0.60 (-8.20, 7.19) | -7.00 (-20.00, 4.00) |
| Missing | 6.00 (1.00, 11.00) | -3.00 (-11.00, 4.00) | 41.00 (32.00, 49.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 11.00 (-16.92, 41.00) | 9.00 (-4.00, 20.00) | -7.00 (-19.00, 6.92) |
| I have some problems in performing my usual activities | -3.00 (-28.00, 19.00) | -6.70 (-16.19, 2.29) | 10.00 (-2.00, 22.00) |
| I am unable to perform my usual activities | -8.00 (-30.83, 16.00) | -3.10 (-11.09, 5.29) | -3.00 (-14.00, 7.00) |
| Missing | 6.00 (1.00, 11.00) | -3.00 (-11.00, 4.00) | 41.00 (32.00, 49.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 17.00 (-8.00, 45.00) | 31.00 (17.00, 46.00) | -8.00 (-20.00, 4.00) |
| I have moderate pain or discomfort | -17.00 (-45.00, 8.92) | -33.00 (-47.00, -18.00) | -6.00 (-18.00, 8.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.60 (-2.40, 7.90) | 14.00 (2.00, 24.00) |
| Missing | 6.00 (1.00, 11.00) | -3.00 (-11.00, 4.00) | 41.00 (32.00, 49.00) |
| EQ-5D anxiety/depression at discharge | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-------------------------|------------------------|-------------------------------|
| I am not anxious or depressed | 33.00 (9.00, 58.92) | 22.00 (11.00, 33.00) | 13.00 (4.00, 24.00) |
| I am moderately anxious or depressed | -33.00 (-58.92, -9.00) | -19.00 (-29.39, -8.00) | -11.20 (-20.69, -1.60) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.40 (-4.80, 1.69) | -0.90 (-4.40, 3.00) |
| Missing | 6.00 (1.00, 11.00) | -3.00 (-11.00, 4.00) | 41.00 (32.00, 49.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 13.00 (-19.00, 47.00) | 7.00 (-1.00, 13.00) | 12.00 (-3.00, 25.00) |
| I have some problems in walking | 3.00 (-22.00, 30.07) | -7.00 (-11.90, -1.00) | 4.00 (-5.50, 15.00) |
| I am confined to bed | -17.00 (-34.00, 10.00) | -0.60 (-4.60, 3.80) | -17.10 (-28.70, -6.02) |
| Missing | -2.00 (-8.00, 4.00) | 1.00 (-6.92, 9.00) | 49.00 (38.00, 59.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | -3.00 (-32.00, 22.00) | 6.00 (-1.00, 13.00) | 8.00 (-5.00, 21.00) |
| I have some problems bathing or dressing myself | -7.00 (-31.00, 19.00) | -4.70 (-9.40, 0.29) | 8.50 (1.00, 17.00) |
| I am unable to bathe or dress myself | 10.00 (-1.00, 20.00) | -1.30 (-6.90, 4.80) | -17.10 (-28.20, -6.30) |
| Missing | -2.00 (-8.00, 4.00) | 1.00 (-6.92, 9.00) | 49.00 (38.00, 59.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | -25.00 (-38.00, -10.00) | 4.00 (-4.00, 11.00) | 10.00 (-3.00, 23.00) |
| I have some problems in performing my usual activities | 15.00 (1.00, 25.00) | -3.00 (-7.89, 2.10) | -7.00 (-17.00, 5.00) |
| I am unable to perform my usual activities | 10.00 (-1.00, 20.00) | -1.30 (-6.90, 4.80) | -2.80 (-11.10, 6.70) |
| Missing | -2.00 (-8.00, 4.00) | 1.00 (-6.92, 9.00) | 49.00 (38.00, 59.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 13.00 (-20.00, 46.00) | 9.00 (-3.00, 20.00) | 5.00 (-8.00, 17.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|-------------------------------|-----------------------------|---------------------------------|
| I have moderate pain or discomfort | -13.00 (-46.00, 20.00) | -7.00 (-18.00, 4.48) | -7.00 (-19.00, 7.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | -2.30 (-4.60, 1.50) | 2.00 (-0.30, 4.00) |
| Missing | -2.00 (-8.00, 4.00) | 1.00 (-6.92, 9.00) | 49.00 (38.00, 59.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | -15.00 (-25.00, -1.00) | 11.00 (3.00, 19.00) | -2.00 (-8.00, 3.00) |
| I am moderately anxious or depressed | 15.00 (1.00, 25.00) | -8.60 (-16.60, -1.10) | 0.70 (-3.90, 6.69) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.30 (-4.60, 1.50) | 1.00 (-0.70, 2.00) |
| Missing | -2.00 (-8.00, 4.00) | 1.00 (-6.92, 9.00) | 49.00 (38.00, 59.00) |
| Patient satisfaction | | | |
| Very satisfied | 15.00 (-8.00, 37.00) | 21.00 (11.00, 30.00) | 3.00 (-9.00, 15.00) |
| Somewhat satisfied | -23.00 (-44.00, -1.90) | -10.30 (-18.99, -2.21) | -9.00 (-20.00, 1.00) |
| Somewhat dissatisfied | 4.20 (-2.60, 8.40) | -3.90 (-7.80, 0.20) | 1.70 (-5.00, 9.20) |
| Very dissatisfied | 4.20 (-2.60, 8.40) | -7.80 (-13.20, -2.60) | 3.20 (-1.20, 7.90) |
| Missing | 2.00 (-2.00, 5.00) | -3.00 (-8.00, 1.00) | 21.00 (14.00, 28.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | -7.00 (-12.00, -2.00) | 3.00 (-3.00, 9.00) | 32.00 (23.00, 40.00) |
| EQ-5D health state at discharge | | | |
| | 5.00 (-15.00, 30.00) | 10.00 (0.00, 20.00) | 0.00 (-50.92, 46.85) |
| Missing | 5.00 (-1.00, 10.00) | 3.00 (-5.00, 12.00) | 38.00 (27.00, 48.00) |
| EQ-5D health state at 30 day follow-up | | | |
| | -17.00 (-59.00, -14.00) | 0.00 (-10.00, 0.00) | 73.00 (65.00, 170.92) |
| Missing | -2.00 (-8.00, 4.00) | 2.00 (-6.00, 10.00) | 47.00 (35.00, 58.00) |
| Cost of treatment | | | |
| | -2000.00 (-12500.00, 8000.00) | -525.00 (-1392.54, 3450.00) | -11500.00 (-24500.00, 14905.81) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---------|---------------------|---------------------|------------------------|
| Missing | 7.00 (-1.00, 15.00) | 3.00 (-6.00, 12.00) | 67.00 (52.00, 80.00) |

relative.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|--------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | | 0.49 (-0.49, 0.86) | 6.15 (4.38, 10.32) |
| No | 0.96 (0.92, 1.02) | 1.06 (0.97, 1.13) | 0.87 (0.81, 0.93) |
| Missing | 1.00 (-1.00, 2.00) | 1.50 (0.00, 2.22) | 8.67 (-8.67, 12.83) |
| 24 hour mortality | | | |
| Yes | | | 0.00 (0.00, 0.00) |
| No | | | 1.02 (0.98, 1.04) |
| Missing | 1.00 (-1.00, 2.00) | 1.60 (-0.80, 2.53) | |
| In-hospital mortality | | | |
| Yes | | 0.59 (-0.65, 1.04) | 2.45 (-0.52, 3.88) |
| No | 0.96 (0.92, 1.02) | 1.03 (0.96, 1.10) | 0.93 (0.86, 0.98) |
| Missing | | | |
| Self-ambulatory at discharge | | | |
| Yes | 1.09 (0.92, 1.17) | 1.01 (0.95, 1.06) | 1.04 (0.97, 1.09) |
| No | 0.00 (0.00, 0.00) | 0.71 (-0.63, 1.41) | 0.29 (-0.25, 0.59) |
| Missing | 1.00 (-1.32, 1.67) | 0.38 (-0.25, 0.66) | 12.00 (-3.00, 18.76) |
| Return to work | | | |
| Yes | 0.70 (0.34, 0.93) | 0.95 (0.74, 1.10) | 1.29 (0.69, 1.63) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|--------------------|-------------------------------|
| No | 2.47 (1.08, 4.16) | 1.15 (0.47, 1.59) | 0.80 (0.54, 0.98) |
| Missing | 0.90 (0.00, 1.36) | 1.07 (0.32, 1.51) | 4.67 (1.46, 6.15) |
| Pulmonary complication | | | |
| Yes | | 0.00 (0.00, 0.00) | |
| No | | 1.02 (0.99, 1.04) | |
| Missing | 0.83 (-0.33, 1.33) | 0.91 (0.15, 1.36) | 16.50 (-4.00, 26.00) |
| Septic complication | | | |
| Yes | | 0.73 (-0.65, 1.45) | 0.32 (-0.02, 0.64) |
| No | | 1.01 (0.95, 1.06) | 1.01 (0.96, 1.04) |
| Missing | 0.83 (-0.33, 1.33) | 0.83 (0.12, 1.25) | 33.00 (26.00, 54.33) |
| Renal failure | | | |
| Yes | | | |
| No | | | |
| Missing | 1.00 (-1.00, 1.62) | 0.91 (0.15, 1.36) | 32.00 (25.00, 52.67) |
| Coagulopathy | | | |
| Yes | | | |
| No | 0.96 (0.92, 1.03) | | |
| Missing | 0.83 (-0.33, 1.33) | 0.83 (0.22, 1.25) | 32.00 (25.00, 52.67) |
| Need for reexploration or resurgery | | | |
| Yes | | 0.76 (-0.13, 1.52) | |
| No | | 1.00 (0.96, 1.03) | 0.97 (0.95, 0.99) |
| Missing | 1.50 (-2.00, 2.40) | 1.00 (0.13, 1.50) | 42.00 (35.00, 70.00) |
| Failure of conservative management | | | |
| No | 0.92 (0.84, 1.01) | 1.00 (0.95, 1.03) | 0.98 (0.96, 1.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|-----------------------|-------------------------------|
| Yes | | 0.73 (-0.17, 1.45) | |
| Missing | 0.30 (-0.11, 0.52) | 1.09 (0.18, 1.60) | 22.00 (-4.00, 34.50) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 1.33 (0.66, 1.66) | 1.11 (0.97, 1.24) | 1.00 (0.72, 1.18) |
| I have some problems in walking | 1.33 (-0.05, 2.65) | 0.42 (-0.35, 0.73) | 1.06 (0.07, 1.50) |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.67 (-0.57, 1.35) | 0.90 (0.05, 1.23) |
| Missing | 2.50 (-2.50, 3.80) | 0.81 (0.21, 1.18) | 21.50 (-4.00, 33.25) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 1.16 (0.43, 1.58) | 1.06 (0.91, 1.20) | 0.85 (0.61, 1.01) |
| I have some problems bathing or dressing myself | 0.65 (-0.70, 1.29) | 0.69 (-0.44, 1.12) | 2.07 (-0.10, 2.93) |
| I am unable to bathe or dress myself | 0.88 (-0.66, 1.47) | 0.92 (-1.07, 1.59) | 0.73 (0.13, 0.99) |
| Missing | 2.50 (-2.50, 3.80) | 0.81 (0.21, 1.18) | 21.50 (-4.00, 33.25) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 1.22 (0.20, 1.72) | 1.12 (0.91, 1.26) | 0.87 (0.63, 1.06) |
| I have some problems in performing my usual activities | 0.88 (-0.77, 1.47) | 0.55 (-0.21, 0.89) | 1.36 (0.49, 1.76) |
| I am unable to perform my usual activities | 0.68 (-0.58, 1.20) | 0.68 (-0.67, 1.17) | 0.83 (-0.11, 1.17) |
| Missing | 2.50 (-2.50, 3.80) | 0.81 (0.21, 1.18) | 21.50 (-4.00, 33.25) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 1.52 (-0.44, 2.25) | 1.91 (0.96, 2.47) | 0.76 (0.32, 0.99) |
| I have moderate pain or discomfort | 0.75 (0.27, 1.04) | 0.48 (0.30, 0.63) | 0.85 (0.52, 1.10) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|--------------------|-------------------------------|
| I have extreme pain or discomfort | | 2.08 (0.85, 3.88) | 1.54 (0.45, 1.96) |
| Missing | 2.50 (-2.50, 3.80) | 0.81 (0.21, 1.18) | 21.50 (-4.00, 33.25) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 1.66 (0.36, 2.22) | 1.30 (1.08, 1.47) | 1.16 (1.02, 1.31) |
| I am moderately anxious or depressed | 0.34 (-0.08, 0.58) | 0.21 (-0.04, 0.36) | 0.38 (-0.06, 0.59) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | 0.65 (0.09, 1.31) |
| Missing | 2.50 (-2.50, 3.80) | 0.81 (0.21, 1.18) | 21.50 (-4.00, 33.25) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 1.19 (0.27, 1.60) | 1.08 (0.98, 1.14) | 1.18 (0.87, 1.38) |
| I have some problems in walking | 1.18 (0.28, 2.10) | 0.00 (0.00, 0.00) | 1.31 (-0.74, 1.95) |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.74 (-0.11, 1.48) | 0.26 (-0.07, 0.40) |
| Missing | 0.80 (0.00, 1.22) | 1.07 (0.27, 1.52) | 5.90 (0.80, 7.87) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 0.96 (0.50, 1.21) | 1.07 (0.98, 1.14) | 1.11 (0.86, 1.28) |
| I have some problems bathing or dressing myself | 0.59 (0.08, 1.18) | 0.00 (0.00, 0.00) | 2.31 (-0.90, 3.62) |
| I am unable to bathe or dress myself | | 0.72 (-0.78, 1.45) | 0.26 (-0.03, 0.40) |
| Missing | 0.80 (0.00, 1.22) | 1.07 (0.27, 1.52) | 5.90 (0.80, 7.87) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 0.75 (0.62, 0.90) | 1.04 (0.95, 1.12) | 1.14 (0.89, 1.32) |
| I have some problems in performing my usual activities | | 0.36 (-0.56, 0.72) | 0.63 (-0.03, 0.94) |
| I am unable to perform my usual activities | | | 0.71 (-0.51, 1.14) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|---------------------|-----------------------|-------------------------------|
| | | 0.72 (-0.78, 1.45) | |
| Missing | 0.80 (0.00, 1.22) | 1.07 (0.27, 1.52) | 5.90 (0.80, 7.87) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 1.19 (0.27, 1.60) | 1.12 (0.92, 1.26) | 1.07 (0.85, 1.22) |
| I have moderate pain or discomfort | 0.61 (-0.08, 1.04) | 0.67 (0.04, 1.02) | 0.73 (0.13, 1.03) |
| I have extreme pain or discomfort | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (0.00, 1.22) | 1.07 (0.27, 1.52) | 5.90 (0.80, 7.87) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 0.85 (0.75, 0.99) | 1.13 (1.02, 1.22) | 0.98 (0.91, 1.03) |
| I am moderately anxious or depressed | | 0.28 (-0.28, 0.57) | 1.22 (0.51, 2.23) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (0.00, 1.22) | 1.07 (0.27, 1.52) | 5.90 (0.80, 7.87) |
| Patient satisfaction | | | |
| Very satisfied | 1.23 (0.67, 1.56) | 1.29 (1.09, 1.43) | 1.04 (0.83, 1.20) |
| Somewhat satisfied | 0.36 (-0.19, 0.62) | 0.36 (-0.13, 0.59) | 0.61 (0.08, 0.83) |
| Somewhat dissatisfied | | 0.00 (0.00, 0.00) | 1.22 (-0.89, 1.88) |
| Very dissatisfied | | 0.00 (0.00, 0.00) | 2.23 (1.20, 3.87) |
| Missing | 2.00 (-1.80, 3.50) | 0.50 (-0.50, 0.88) | 11.50 (-3.00, 18.00) |
| Number of hospitalizations for this injury | | | |
| Missing | 0.30 (-0.11, 0.52) | 1.38 (0.00, 2.05) | 17.00 (-3.00, 26.75) |
| EQ-5D health state at discharge | 1.08 (0.67, 1.42) | 1.12 (0.96, 1.25) | 1.00 (-10.50, 1.66) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|---------------------|--------------------|-------------------------------|
| Missing | 2.00 (-1.50, 3.00) | 1.19 (0.38, 1.67) | 4.80 (0.27, 6.60) |
| EQ-5D health state at 30 day follow-up | 0.83 (0.24, 0.86) | 1.00 (0.89, 1.00) | 8.30 (6.60, 15.85) |
| Missing | 0.80 (0.00, 1.22) | 1.13 (0.36, 1.62) | 4.36 (1.49, 5.77) |
| Cost of treatment | 0.71 (0.29, 1.43) | 0.74 (0.25, 1.24) | 0.18 (-1.64, 0.30) |
| Missing | 1.50 (0.56, 2.08) | 1.17 (0.49, 1.61) | 3.91 (2.09, 4.97) |

Post training outcome Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|----------------------------|----------------------------|
| 30 day mortality | | |
| Yes | 12.20 (8.20, 39.90) | 4.21 (1.74, 8.33) |
| No | -12.00 (-40.00, -8.00) | 0.88 (0.56, 0.91) |
| Missing | 24.00 (23.00, 70.00) | 13.00 (15.00, 25.87) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 5.00 (3.00, 17.00) | 3.50 (3.00, 6.71) |
| In-hospital mortality | | |
| Yes | 8.30 (4.80, 27.88) | 3.24 (0.78, 6.38) |
| No | -8.00 (-27.00, -4.00) | 0.92 (0.71, 0.95) |
| Missing | 1.00 (-1.00, 5.00) | 2.00 (2.00, 4.00) |
| Self-ambulatory at discharge | | |
| Yes | -1.00 (-6.00, 2.00) | 0.99 (0.94, 1.02) |
| No | 1.50 (-1.00, 6.70) | Inf (Inf, Inf) |
| Missing | 20.00 (14.00, 65.00) | 6.00 (-3.50, 11.94) |

| Outcome | Absolute difference | Relative difference |
|--|-----------------------|---------------------|
| Return to work | | |
| Yes | -5.00 (-34.00, 15.00) | 0.91 (0.33, 1.17) |
| No | 5.00 (-15.00, 34.00) | 1.12 (0.21, 1.73) |
| Missing | 47.00 (43.00, 143.92) | 6.22 (6.14, 12.26) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 28.00 (24.00, 86.00) | 6.60 (6.20, 13.02) |
| Septic complication | | |
| Yes | 0.80 (-2.80, 6.69) | Inf (Inf, Inf) |
| No | -1.00 (-7.00, 2.00) | 0.99 (0.93, 1.02) |
| Missing | 28.00 (24.00, 85.92) | 6.60 (6.20, 13.02) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 27.00 (23.00, 82.00) | 6.40 (6.00, 12.62) |
| Coagulopathy | | |
| Yes | -4.30 (-11.37, -3.80) | 0.00 (0.00, 0.00) |
| No | 4.00 (3.00, 10.77) | 1.04 (1.03, 1.11) |
| Missing | 27.00 (23.00, 82.00) | 6.40 (6.00, 12.62) |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (1.40, 8.30) | Inf (Inf, Inf) |
| No | -3.00 (-9.00, -2.00) | 0.97 (0.91, 0.98) |
| Missing | 36.00 (31.00, 111.00) | 7.00 (6.00, 13.86) |
| Failure of conservative management | | |
| No | 6.00 (4.00, 16.00) | 1.07 (1.04, 1.17) |
| Yes | -6.30 (-16.69, -4.90) | 0.21 (-3.16, 0.42) |
| Missing | | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|----------------------|
| | 41.00 (39.00, 123.00) | 14.67 (17.33, 29.21) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -27.00 (-88.92, -18.00) | 0.70 (-0.19, 0.78) |
| I have some problems in walking | 8.00 (-2.00, 33.20) | 1.73 (-3.68, 3.34) |
| I am confined to bed | 19.00 (16.00, 58.79) | Inf (Inf, Inf) |
| Missing | 33.00 (26.00, 103.00) | 4.30 (3.23, 8.39) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -17.00 (-74.00, 7.00) | 0.75 (-0.34, 0.96) |
| I have some problems bathing or dressing myself | 20.00 (12.40, 67.29) | 2.82 (-0.44, 5.47) |
| I am unable to bathe or dress myself | -3.00 (-24.19, 12.00) | 0.86 (-4.03, 1.56) |
| Missing | 33.00 (26.00, 103.00) | 4.30 (3.23, 8.39) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -14.00 (-71.00, 16.00) | 0.77 (-0.44, 1.05) |
| I have some problems in performing my usual activities | 16.00 (-3.39, 65.70) | 1.73 (-4.14, 3.31) |
| I am unable to perform my usual activities | -2.00 (-18.09, 10.20) | 0.88 (-2.72, 1.55) |
| Missing | 33.00 (26.00, 103.00) | 4.30 (3.23, 8.39) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-96.00, -4.00) | 0.50 (-2.00, 0.68) |
| I have moderate pain or discomfort | -15.00 (-47.00, -8.08) | 0.70 (-0.28, 0.84) |
| I have extreme pain or discomfort | 40.00 (37.80, 121.00) | Inf (Inf, Inf) |
| Missing | 33.00 (26.00, 103.00) | 4.30 (3.23, 8.39) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 9.00 (6.00, 27.00) | 1.11 (1.07, 1.31) |
| I am moderately anxious or depressed | -10.20 (-29.00, -6.81) | 0.40 (-2.98, 0.61) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I am extremely anxious or depressed | 1.70 (0.30, 6.00) | Inf (Inf, Inf) |
| Missing | 33.00 (26.00, 103.00) | 4.30 (3.23, 8.39) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -3.00 (-31.00, 19.00) | 0.96 (0.59, 1.19) |
| I have some problems in walking | -3.00 (-27.00, 15.00) | 0.85 (0.15, 1.70) |
| I am confined to bed | 5.90 (4.20, 18.60) | Inf (Inf, Inf) |
| Missing | 51.00 (47.00, 155.00) | 7.38 (7.42, 14.59) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -1.00 (-23.92, 21.00) | 0.99 (0.69, 1.21) |
| I have some problems bathing or dressing myself | 5.00 (-8.00, 28.00) | 1.50 (1.42, 3.00) |
| I am unable to bathe or dress myself | -4.10 (-15.70, -0.40) | 0.59 (-2.61, 1.18) |
| Missing | 51.00 (47.00, 155.00) | 7.38 (7.42, 14.59) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-7.92, 32.00) | 1.08 (0.90, 1.37) |
| I have some problems in performing my usual activities | -3.00 (-20.39, 8.19) | 0.80 (-6.06, 1.60) |
| I am unable to perform my usual activities | -3.10 (-14.50, 2.00) | 0.69 (-2.75, 1.38) |
| Missing | 51.00 (47.00, 155.00) | 7.38 (7.42, 14.59) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -1.00 (-15.00, 12.00) | 0.99 (0.80, 1.13) |
| I have moderate pain or discomfort | -1.00 (-14.38, 10.00) | 0.95 (-0.51, 1.44) |
| I have extreme pain or discomfort | 2.00 (0.30, 7.00) | Inf (Inf, Inf) |
| Missing | 51.00 (47.00, 155.00) | 7.38 (7.42, 14.59) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 10.00 (7.00, 27.00) | 1.12 (1.07, 1.31) |

| Outcome | Absolute difference | Relative difference |
|---|------------------------------|----------------------------|
| I am moderately anxious or depressed | -11.10 (-29.10, -8.30) | 0.26 (-3.59, 0.46) |
| I am extremely anxious or depressed | 1.00 (-0.10, 3.90) | Inf (Inf, Inf) |
| Missing | 51.00 (47.00, 155.00) | 7.38 (7.42, 14.59) |
| Patient satisfaction | | |
| Very satisfied | -9.00 (-46.00, 11.00) | 0.89 (0.37, 1.07) |
| Somewhat satisfied | 1.00 (-11.20, 14.30) | 1.08 (-2.32, 1.94) |
| Somewhat dissatisfied | 5.20 (-1.60, 22.40) | 2.24 (2.32, 4.48) |
| Very dissatisfied | 1.60 (-4.79, 10.90) | 1.38 (1.47, 2.76) |
| Missing | 19.00 (13.00, 62.00) | 5.75 (-3.50, 11.44) |
| Number of hospitalizations for this injury | | |
| Missing | 31.00 (28.00, 92.00) | 11.33 (13.02, 22.52) |
| EQ-5D health state at discharge | | |
| | -15.00 (-80.00, 30.00) | 0.77 (-1.28, 1.32) |
| Missing | 38.00 (35.00, 115.00) | 4.80 (4.71, 9.35) |
| EQ-5D health state at 30 day follow-up | | |
| | 0.00 (-20.00, 35.00) | 1.00 (0.72, 1.35) |
| Missing | 53.00 (50.00, 160.00) | 7.62 (8.14, 15.08) |
| Cost of treatment | | |
| | -2500.00 (-9500.00, -500.00) | 0.50 (-3.00, 0.75) |
| Missing | 69.00 (59.00, 217.00) | 4.29 (2.95, 8.39) |

Post training outcome Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------|----------------------------|----------------------------|
| 30 day mortality | | |
| Yes | 11.10 (5.20, 31.39) | 3.27 (1.24, 6.38) |

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-------------------------|---------------------|
| No | -11.00 (-31.00, -5.00) | 0.88 (0.67, 0.94) |
| Missing | 14.00 (0.00, 42.00) | 2.17 (-20.67, 4.17) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -1.00 (-11.00, 3.00) | 0.88 (-6.25, 1.45) |
| In-hospital mortality | | |
| Yes | 7.90 (3.80, 22.79) | 2.93 (1.62, 5.70) |
| No | -8.00 (-23.00, -4.00) | 0.92 (0.76, 0.96) |
| Missing | 2.00 (1.00, 6.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 2.00 (1.00, 9.00) | 1.02 (1.01, 1.09) |
| No | -1.40 (-7.50, -0.10) | 0.52 (-1.69, 1.03) |
| Missing | 21.00 (16.00, 57.00) | 8.00 (2.79, 15.85) |
| Return to work | | |
| Yes | -17.00 (-58.00, -11.00) | 0.76 (-0.01, 0.82) |
| No | 17.00 (11.00, 58.00) | 1.57 (1.21, 2.62) |
| Missing | 40.00 (26.00, 114.00) | 3.50 (-2.14, 6.67) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 23.00 (12.00, 65.00) | 3.30 (-4.73, 6.27) |
| Septic complication | | |
| Yes | -2.40 (-9.60, -1.70) | 0.25 (-2.89, 0.50) |
| No | 2.00 (1.00, 9.00) | 1.02 (1.01, 1.09) |
| Missing | 23.00 (12.00, 66.00) | 3.30 (-5.07, 6.28) |
| Renal failure | | |

| Outcome | Absolute difference | Relative difference |
|---|----------------------------|----------------------------|
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 22.00 (11.00, 62.92) | 3.20 (-4.93, 6.07) |
| Coagulopathy | | |
| Yes | 0.00 (-2.77, 10.00) | |
| No | 0.00 (-10.00, 2.77) | 1.00 (0.89, 1.03) |
| Missing | 22.00 (11.00, 62.92) | 3.20 (-4.93, 6.07) |
| Need for reexploration or resurgery | | |
| Yes | 0.90 (-2.40, 3.70) | 1.56 (0.34, 3.12) |
| No | -1.00 (-4.00, 2.00) | 0.99 (0.96, 1.02) |
| Missing | 32.00 (21.00, 90.00) | 4.20 (-2.85, 8.13) |
| Failure of conservative management | | |
| No | 0.00 (-14.00, 4.00) | 1.00 (0.84, 1.04) |
| Yes | 0.10 (-3.70, 14.29) | 1.06 (-0.06, 2.12) |
| Missing | 32.00 (17.00, 93.00) | 3.67 (-17.17, 7.15) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -30.00 (-83.92, -23.00) | 0.67 (-0.02, 0.73) |
| I have some problems in walking | 14.00 (10.31, 43.00) | 3.80 (3.03, 7.47) |
| I am confined to bed | 15.70 (8.40, 46.39) | 5.76 (0.40, 11.52) |
| Missing | 30.00 (19.00, 83.00) | 3.31 (0.19, 6.25) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -35.00 (-103.00, -32.00) | 0.59 (-0.46, 0.62) |
| I have some problems bathing or dressing myself | 22.70 (16.40, 64.88) | 3.73 (1.86, 7.23) |
| I am unable to bathe or dress myself | 12.30 (7.01, 50.09) | 2.84 (1.64, 5.51) |
| Missing | 30.00 (19.00, 83.00) | 3.31 (0.19, 6.25) |
| EQ-5D usual activities at discharge | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I have no problems in performing my usual activities | -38.00 (-113.00, -36.00) | 0.55 (-0.71, 0.58) |
| I have some problems in performing my usual activities | 29.70 (27.50, 87.68) | 4.58 (3.62, 8.97) |
| I am unable to perform my usual activities | 8.30 (3.12, 35.19) | 2.24 (1.01, 4.28) |
| Missing | 30.00 (19.00, 83.00) | 3.31 (0.19, 6.25) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -40.00 (-114.00, -36.08) | 0.38 (-1.38, 0.42) |
| I have moderate pain or discomfort | 5.00 (-5.00, 44.00) | 1.17 (0.79, 1.90) |
| I have extreme pain or discomfort | 35.00 (26.00, 102.39) | 8.00 (-2.76, 16.00) |
| Missing | 30.00 (19.00, 83.00) | 3.31 (0.19, 6.25) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -3.00 (-28.00, 3.00) | 0.97 (0.62, 1.03) |
| I am moderately anxious or depressed | 1.80 (-4.39, 27.29) | 1.36 (-0.10, 2.60) |
| I am extremely anxious or depressed | 1.70 (0.30, 4.20) | Inf (Inf, Inf) |
| Missing | 30.00 (19.00, 83.00) | 3.31 (0.19, 6.25) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -21.00 (-68.00, -20.00) | 0.79 (0.20, 0.80) |
| I have some problems in walking | 17.00 (16.00, 62.00) | Inf (Inf, Inf) |
| I am confined to bed | 4.20 (0.20, 12.10) | 3.47 (3.13, 6.94) |
| Missing | 44.00 (29.08, 126.92) | 3.93 (-3.12, 7.58) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -18.00 (-60.00, -16.00) | 0.81 (0.29, 0.84) |
| I have some problems bathing or dressing myself | 15.00 (14.00, 47.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 2.50 (-2.09, 19.30) | 1.74 (0.59, 3.40) |
| Missing | 44.00 (29.08, 126.92) | 3.93 (-3.12, 7.58) |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|---------------------|
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -14.00 (-56.00, -10.00) | 0.85 (0.26, 0.90) |
| I have some problems in performing my usual activities | 10.30 (7.60, 41.60) | 7.06 (9.53, 14.12) |
| I am unable to perform my usual activities | 3.50 (-1.00, 21.00) | 2.03 (1.11, 3.99) |
| Missing | 44.00 (29.08, 126.92) | 3.93 (-3.12, 7.58) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -7.00 (-31.00, 0.00) | 0.92 (0.59, 1.00) |
| I have moderate pain or discomfort | 5.00 (-2.28, 27.00) | 1.36 (0.50, 2.31) |
| I have extreme pain or discomfort | 2.00 (0.30, 5.00) | Inf (Inf, Inf) |
| Missing | 44.00 (29.08, 126.92) | 3.93 (-3.12, 7.58) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -2.00 (-27.00, 3.00) | 0.98 (0.64, 1.03) |
| I am moderately anxious or depressed | 0.50 (-5.87, 24.49) | 1.15 (-0.46, 2.24) |
| I am extremely anxious or depressed | 1.00 (-0.10, 2.00) | Inf (Inf, Inf) |
| Missing | 44.00 (29.08, 126.92) | 3.93 (-3.12, 7.58) |
| Patient satisfaction | | |
| Very satisfied | -24.00 (-72.92, -23.00) | 0.74 (0.15, 0.75) |
| Somewhat satisfied | 8.30 (4.60, 31.29) | 2.46 (1.58, 4.69) |
| Somewhat dissatisfied | 9.40 (7.80, 27.69) | Inf (Inf, Inf) |
| Very dissatisfied | 5.80 (4.01, 19.79) | Inf (Inf, Inf) |
| Missing | 20.00 (15.00, 54.00) | 7.67 (2.33, 15.18) |
| Number of hospitalizations for this injury | | |
| Missing | 23.00 (10.00, 66.00) | 3.09 (-12.82, 5.97) |
| EQ-5D health state at discharge | -40.00 (-110.00, -30.00) | 0.56 (-0.49, 0.80) |

| Outcome | Absolute difference | Relative difference |
|---|------------------------------|---------------------|
| Missing | 29.00 (13.00, 82.00) | 2.53 (-1.84, 4.68) |
| EQ-5D health state at 30 day follow-up | | |
| Missing | -17.00 (-54.00, -4.00) | 0.83 (0.41, 0.96) |
| | 44.00 (27.00, 126.00) | 3.59 (-4.10, 6.88) |
| Cost of treatment | 1000.00 (-2000.15, 11007.46) | 1.67 (0.00, 3.18) |
| Missing | 69.00 (58.00, 200.00) | 4.29 (2.75, 8.29) |

Post training outcome ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|------------------------|---------------------|
| 30 day mortality | | |
| Yes | -1.10 (-18.38, 7.80) | 0.78 (-3.14, 1.55) |
| No | 1.00 (-8.00, 18.00) | 1.01 (0.91, 1.19) |
| Missing | -10.00 (-47.00, -4.00) | 0.17 (-22.67, 0.25) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -6.00 (-21.00, -6.00) | 0.25 (-7.50, 0.33) |
| In-hospital mortality | | |
| Yes | -0.40 (-12.80, 7.29) | 0.90 (-1.95, 1.80) |
| No | 0.00 (-8.00, 12.00) | 1.00 (0.91, 1.12) |
| Missing | 1.00 (-1.00, 4.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (3.00, 11.00) | 1.03 (1.03, 1.11) |
| No | -2.90 (-10.50, -2.90) | 0.00 (-1.59, 0.00) |
| Missing | 1.00 (-22.00, 16.00) | 1.33 (-7.67, 2.50) |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|---------------------|
| Return to work | | |
| Yes | -12.00 (-48.00, -3.00) | 0.83 (0.14, 0.95) |
| No | 12.00 (3.00, 48.00) | 1.40 (0.99, 2.27) |
| Missing | -7.00 (-68.00, 23.00) | 0.56 (-7.54, 0.86) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-43.00, 10.00) | 0.50 (-10.00, 0.76) |
| Septic complication | | |
| Yes | -3.20 (-12.00, -3.10) | 0.00 (-2.25, 0.00) |
| No | 3.00 (3.00, 12.00) | 1.03 (1.03, 1.12) |
| Missing | -5.00 (-43.00, 10.00) | 0.50 (-10.00, 0.76) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-42.00, 9.92) | 0.50 (-9.67, 0.76) |
| Coagulopathy | | |
| Yes | 4.30 (3.80, 18.60) | Inf (Inf, Inf) |
| No | -4.00 (-18.00, -3.00) | 0.96 (0.81, 0.97) |
| Missing | -5.00 (-42.00, 9.92) | 0.50 (-9.67, 0.76) |
| Need for reexploration or resurgery | | |
| Yes | -1.60 (-7.40, -0.71) | 0.00 (-1.55, 0.00) |
| No | 2.00 (2.00, 8.00) | 1.02 (1.02, 1.08) |
| Missing | -4.00 (-50.00, 21.00) | 0.60 (-9.61, 0.96) |
| Failure of conservative management | | |
| No | -6.00 (-26.00, -4.00) | 0.94 (0.71, 0.96) |
| Yes | 6.40 (5.10, 26.80) | 5.00 (6.37, 10.00) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Missing | -9.00 (-64.00, 14.00) | 0.25 (-22.50, 0.40) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -3.00 (-29.00, 28.00) | 0.97 (0.58, 1.30) |
| I have some problems in walking | 6.00 (-3.99, 27.19) | 2.20 (0.35, 4.26) |
| I am confined to bed | -3.30 (-29.60, 8.40) | 0.00 (-5.68, 0.00) |
| Missing | -3.00 (-45.00, 19.00) | 0.77 (-4.09, 1.22) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -18.00 (-69.92, -2.00) | 0.79 (-0.08, 0.99) |
| I have some problems bathing or dressing myself | 2.70 (-21.90, 23.40) | 1.33 (-2.59, 2.43) |
| I am unable to bathe or dress myself | 15.30 (12.23, 55.90) | 3.28 (2.14, 6.43) |
| Missing | -3.00 (-45.00, 19.00) | 0.77 (-4.09, 1.22) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -24.00 (-86.00, -10.00) | 0.72 (-0.37, 0.88) |
| I have some problems in performing my usual activities | 13.70 (-1.78, 55.30) | 2.65 (0.76, 5.12) |
| I am unable to perform my usual activities | 10.30 (6.60, 39.60) | 2.54 (1.74, 4.91) |
| Missing | -3.00 (-45.00, 19.00) | 0.77 (-4.09, 1.22) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -15.00 (-64.00, 9.00) | 0.77 (-0.65, 1.16) |
| I have moderate pain or discomfort | 20.00 (16.00, 76.00) | 1.67 (1.53, 2.91) |
| I have extreme pain or discomfort | -5.00 (-54.00, 24.38) | 0.00 (-10.23, 0.00) |
| Missing | -3.00 (-45.00, 19.00) | 0.77 (-4.09, 1.22) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -12.00 (-46.00, -10.00) | 0.87 (0.44, 0.89) |
| I am moderately anxious or depressed | 12.00 (9.82, 46.70) | 3.40 (2.84, 6.69) |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I am extremely anxious or depressed | 0.00 (-2.60, 0.80) | |
| Missing | -3.00 (-45.00, 19.00) | 0.77 (-4.09, 1.22) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -18.00 (-62.00, -14.08) | 0.82 (0.28, 0.85) |
| I have some problems in walking | 20.00 (20.00, 67.00) | Inf (Inf, Inf) |
| I am confined to bed | -1.70 (-11.00, 0.70) | 0.00 (-2.16, 0.00) |
| Missing | -7.00 (-72.00, 26.92) | 0.53 (-9.21, 0.84) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -17.00 (-59.00, -15.00) | 0.82 (0.29, 0.85) |
| I have some problems bathing or dressing myself | 10.00 (5.00, 37.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 6.60 (5.52, 28.29) | 2.94 (3.01, 5.88) |
| Missing | -7.00 (-72.00, 26.92) | 0.53 (-9.21, 0.84) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -20.00 (-70.00, -20.00) | 0.79 (0.13, 0.79) |
| I have some problems in performing my usual activities | 13.30 (12.51, 48.59) | 8.82 (12.00, 17.65) |
| I am unable to perform my usual activities | 6.60 (5.10, 27.59) | 2.94 (3.01, 5.88) |
| Missing | -7.00 (-72.00, 26.92) | 0.53 (-9.21, 0.84) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -6.00 (-29.00, 1.00) | 0.93 (0.61, 1.01) |
| I have moderate pain or discomfort | 6.00 (-0.09, 29.68) | 1.43 (0.60, 2.49) |
| I have extreme pain or discomfort | 0.00 (-3.00, 1.00) | |
| Missing | -7.00 (-72.00, 26.92) | 0.53 (-9.21, 0.84) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -12.00 (-46.00, -10.08) | 0.88 (0.45, 0.89) |

| Outcome | Absolute difference | Relative difference |
|---|-----------------------------|----------------------------|
| I am moderately anxious or depressed | 11.60 (9.50, 46.20) | 4.41 (3.82, 8.77) |
| I am extremely anxious or depressed | 0.00 (-1.90, 0.00) | |
| Missing | -7.00 (-72.00, 26.92) | 0.53 (-9.21, 0.84) |
| Patient satisfaction | | |
| Very satisfied | -15.00 (-54.00, -6.00) | 0.84 (0.34, 0.94) |
| Somewhat satisfied | 7.30 (2.80, 29.20) | 2.28 (1.02, 4.38) |
| Somewhat dissatisfied | 4.20 (-2.35, 17.60) | Inf (Inf, Inf) |
| Very dissatisfied | 4.20 (1.11, 16.70) | Inf (Inf, Inf) |
| Missing | 1.00 (-21.00, 15.92) | 1.33 (-7.33, 2.50) |
| Number of hospitalizations for this injury | | |
| Missing | -8.00 (-51.00, 5.00) | 0.27 (-17.45, 0.42) |
| EQ-5D health state at discharge | | |
| Missing | -25.00 (-84.92, -10.00) | 0.72 (-0.19, 1.02) |
| Missing | -9.00 (-61.00, 11.00) | 0.53 (-5.32, 0.74) |
| EQ-5D health state at 30 day follow-up | | |
| Missing | -17.00 (-54.00, -14.00) | 0.83 (0.41, 0.86) |
| Missing | -9.00 (-77.00, 24.00) | 0.47 (-9.85, 0.72) |
| Cost of treatment | | |
| Missing | 3500.00 (2000.00, 16000.00) | 3.33 (2.41, 6.55) |
| Missing | 0.00 (-77.00, 61.00) | 1.00 (-3.29, 1.72) |

Change from baseline Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|-------------------------|----------------------------|----------------------------|
| 30 day mortality | | |
| Yes | 9.60 (-4.80, 43.79) | |
| No | -9.00 (-43.00, 6.00) | |
| Missing | 23.00 (18.00, 72.00) | |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|----------------------|
| 24 hour mortality | | |
| Yes | -2.40 (-9.20, 0.29) | -Inf (-Inf, -Inf) |
| No | 2.00 (-1.00, 8.00) | Inf (Inf, Inf) |
| Missing | 7.00 (5.00, 22.00) | |
| In-hospital mortality | | |
| Yes | 3.40 (-7.99, 21.40) | |
| No | -3.00 (-21.00, 9.00) | |
| Missing | 1.00 (-1.00, 5.00) | 2.00 (2.00, 4.00) |
| Self-ambulatory at discharge | | |
| Yes | -4.00 (-17.00, 3.00) | |
| No | 4.70 (-1.39, 18.40) | |
| Missing | 22.00 (11.00, 75.92) | |
| Return to work | | |
| Yes | 37.00 (31.00, 109.00) | |
| No | -37.00 (-109.00, -31.00) | |
| Missing | 45.00 (37.00, 141.00) | |
| Pulmonary complication | | |
| Yes | 0.00 (-4.30, 3.99) | |
| No | 0.00 (-4.00, 4.00) | |
| Missing | 32.00 (24.00, 102.00) | |
| Septic complication | | |
| Yes | -1.70 (-9.20, 3.40) | |
| No | 1.00 (-5.00, 8.00) | |
| Missing | 33.00 (24.00, 106.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 31.00 (22.00, 100.00) | |
| Coagulopathy | | |
| Yes | -4.30 (-11.37, -3.80) | 0.00 (0.00, 0.00) |
| No | 4.00 (3.00, 10.77) | -0.00 (-0.00, -0.00) |
| Missing | 32.00 (23.00, 103.00) | |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (-0.70, 10.40) | |
| No | -3.00 (-11.00, 0.00) | |
| Missing | 39.00 (29.00, 125.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|----------------------|
| | | 20.50 (19.01, 60.49) |
| Failure of conservative management | | |
| No | 6.00 (3.00, 19.00) | |
| Yes | -6.30 (-19.50, -3.30) | |
| Missing | 49.00 (45.00, 147.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -22.00 (-67.00, -15.00) | |
| I have some problems in walking | -1.70 (-22.40, 13.90) | |
| I am confined to bed | 23.00 (18.00, 64.70) | |
| Missing | 35.00 (18.00, 120.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -18.00 (-63.00, -6.00) | |
| I have some problems bathing or dressing myself | 22.00 (14.40, 72.68) | |
| I am unable to bathe or dress myself | -4.00 (-26.89, 11.39) | |
| Missing | 35.00 (18.00, 120.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -18.00 (-66.00, -3.00) | |
| I have some problems in performing my usual activities | 13.00 (-3.00, 53.88) | |
| I am unable to perform my usual activities | 5.00 (-8.00, 25.57) | |
| Missing | 35.00 (18.00, 120.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-99.92, 0.92) | |
| I have moderate pain or discomfort | 11.00 (-16.00, 60.00) | |
| I have extreme pain or discomfort | 14.00 (5.00, 48.50) | |
| Missing | 35.00 (18.00, 120.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -20.00 (-63.00, -12.00) | 0.39 (-2.79, 0.72) |
| I am moderately anxious or depressed | 21.80 (16.82, 64.79) | 0.34 (-2.87, 0.60) |
| I am extremely anxious or depressed | -0.90 (-7.38, 3.59) | |
| Missing | 35.00 (18.00, 120.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -1.00 (-23.00, 21.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I have some problems in walking | 1.00 (-19.49, 23.48) | |
| I am confined to bed | -0.10 (-25.69, 25.59) | |
| Missing | 51.00 (43.00, 158.92) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 11.00 (0.00, 42.92) | |
| I have some problems bathing or dressing myself | 15.50 (8.23, 50.89) | |
| I am unable to bathe or dress myself | -27.10 (-81.40, -26.60) | |
| Missing | 51.00 (43.00, 158.92) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 35.00 (32.08, 100.00) | |
| I have some problems in performing my usual activities | -22.00 (-63.09, -18.81) | |
| I am unable to perform my usual activities | -12.80 (-39.60, -11.31) | |
| Missing | 51.00 (43.00, 158.92) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -8.00 (-36.00, 8.92) | |
| I have moderate pain or discomfort | 6.00 (-11.00, 32.09) | |
| I have extreme pain or discomfort | 2.00 (-2.90, 10.29) | |
| Missing | 51.00 (43.00, 158.92) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 13.00 (3.00, 47.00) | |
| I am moderately anxious or depressed | -14.30 (-47.08, -8.51) | |
| I am extremely anxious or depressed | 1.00 (-3.70, 7.10) | |
| Missing | 51.00 (43.00, 158.92) | |
| Patient satisfaction | | |
| Very satisfied | -12.00 (-52.00, 6.00) | |
| Somewhat satisfied | 14.00 (6.82, 44.50) | 0.39 (-3.35, 1.31) |
| Somewhat dissatisfied | -2.50 (-16.49, 6.20) | |
| Very dissatisfied | -1.00 (-17.40, 13.80) | |
| Missing | 19.00 (9.00, 67.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 39.00 (36.00, 116.00) | |

| Outcome | Absolute difference | Relative difference |
|---|-------------------------------|---------------------|
| EQ-5D health state at discharge | -5.00 (-56.00, 37.92) | |
| Missing | 33.00 (21.00, 109.00) | |
| EQ-5D health state at 30 day follow-up | 90.00 (99.00, 261.00) | |
| Missing | 49.00 (40.08, 152.92) | |
| Cost of treatment | -9500.00 (-42497.73, 8500.00) | |
| Missing | 60.00 (45.00, 194.00) | 9.57 (-4.38, 31.31) |

Change from baseline Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-------------------------|----------------------|
| 30 day mortality | | |
| Yes | 18.50 (18.20, 54.40) | |
| No | -18.00 (-53.00, -17.00) | |
| Missing | 19.00 (9.00, 53.00) | |
| 24 hour mortality | | |
| Yes | -2.40 (-4.80, 0.29) | -Inf (-Inf, -Inf) |
| No | 2.00 (-1.00, 4.00) | Inf (Inf, Inf) |
| Missing | 4.00 (-3.00, 13.00) | |
| In-hospital mortality | | |
| Yes | 10.00 (8.20, 32.10) | |
| No | -10.00 (-32.00, -8.00) | |
| Missing | 2.00 (1.00, 6.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (-3.00, 23.00) | |
| No | -2.40 (-22.00, 3.89) | |
| Missing | 27.00 (25.00, 73.00) | |
| Return to work | | |
| Yes | 16.00 (-24.00, 58.07) | |
| No | -16.00 (-58.07, 24.00) | |
| Missing | 43.00 (32.00, 121.00) | |
| Pulmonary complication | | |
| Yes | 2.20 (2.00, 8.39) | -0.00 (-0.00, -0.00) |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|---------------------|
| No | -2.00 (-8.00, -2.00) | 0.00 (0.00, 0.00) |
| Missing | 32.00 (25.00, 89.00) | |
| Septic complication | | |
| Yes | -0.50 (-5.29, 5.29) | |
| No | 0.00 (-6.00, 4.00) | |
| Missing | 34.00 (28.00, 94.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 32.00 (26.00, 88.00) | |
| Coagulopathy | | |
| Yes | 0.00 (-2.77, 10.00) | |
| No | 0.00 (-10.00, 2.77) | |
| Missing | 33.00 (27.00, 91.00) | |
| Need for reexploration or resurgery | | |
| Yes | 3.00 (1.31, 9.79) | |
| No | -3.00 (-10.00, -1.00) | |
| Missing | 41.00 (35.00, 115.00) | |
| Failure of conservative management | | |
| No | -2.00 (-20.00, 1.00) | |
| Yes | 2.30 (-0.70, 20.60) | |
| Missing | 41.00 (26.00, 117.92) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -9.00 (-36.00, 24.00) | |
| I have some problems in walking | 8.00 (-2.78, 38.50) | |
| I am confined to bed | -0.40 (-44.10, 15.70) | |
| Missing | 44.00 (41.00, 120.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -14.00 (-52.92, 13.00) | |
| I have some problems bathing or dressing myself | 19.70 (3.40, 59.58) | |
| I am unable to bathe or dress myself | -6.40 (-38.19, 12.16) | |
| Missing | 44.00 (41.00, 120.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -16.00 (-56.00, 9.00) | |
| I have some problems in performing my usual activities | 16.70 (1.03, 58.58) | |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|---------------------|
| I am unable to perform my usual activities | 0.10 (-29.08, 19.15) | |
| Missing | 44.00 (41.00, 120.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -39.00 (-118.00, -30.08) | |
| I have moderate pain or discomfort | 27.00 (17.00, 91.00) | |
| I have extreme pain or discomfort | 11.40 (-0.94, 32.09) | |
| Missing | 44.00 (41.00, 120.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -9.00 (-35.00, 23.00) | 0.59 (-1.30, 1.11) |
| I am moderately anxious or depressed | 7.80 (-26.18, 32.90) | 0.59 (-1.17, 1.12) |
| I am extremely anxious or depressed | 1.50 (-0.39, 8.60) | |
| Missing | 44.00 (41.00, 120.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 5.00 (-22.00, 44.00) | |
| I have some problems in walking | 11.00 (-4.30, 52.11) | |
| I am confined to bed | -16.50 (-65.31, -10.29) | |
| Missing | 48.00 (35.00, 138.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 2.00 (-31.00, 29.00) | |
| I have some problems bathing or dressing myself | 13.20 (-8.11, 45.81) | |
| I am unable to bathe or dress myself | -15.80 (-47.81, 4.10) | |
| Missing | 48.00 (35.00, 138.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-37.00, 36.00) | |
| I have some problems in performing my usual activities | -4.00 (-22.03, 26.00) | |
| I am unable to perform my usual activities | -1.50 (-12.71, 21.00) | |
| Missing | 48.00 (35.00, 138.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -4.00 (-37.00, 29.00) | |
| I have moderate pain or discomfort | 0.00 (-37.00, 29.00) | |

| Outcome | Absolute difference | Relative difference |
|---|--------------------------------|---------------------|
| I have extreme pain or discomfort | 4.30 (3.90, 13.50) | |
| Missing | 48.00 (35.00, 138.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -13.00 (-61.00, -6.00) | |
| I am moderately anxious or depressed | 9.30 (0.59, 52.00) | |
| I am extremely anxious or depressed | 3.30 (3.30, 11.30) | |
| Missing | 48.00 (35.00, 138.00) | |
| Patient satisfaction | | |
| Very satisfied | -18.00 (-60.00, -5.00) | |
| Somewhat satisfied | 1.30 (-31.99, 16.40) | |
| Somewhat dissatisfied | 5.60 (2.30, 24.30) | |
| Very dissatisfied | 11.00 (9.01, 38.79) | |
| Missing | 24.00 (21.08, 64.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 29.00 (12.00, 83.00) | |
| EQ-5D health state at discharge | -10.00 (-65.00, 25.00) | |
| Missing | 35.00 (27.00, 94.00) | |
| EQ-5D health state at 30 day follow-up | 73.00 (55.00, 188.07) | |
| Missing | 45.00 (32.00, 128.00) | |
| Cost of treatment | -10975.00 (-33423.74, 8047.49) | |
| Missing | 64.00 (55.00, 182.00) | |

Change from baseline ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|--------------------------|----------------------|---------------------|
| 30 day mortality | | |
| Yes | 8.90 (-0.20, 34.19) | |
| No | -9.00 (-34.00, 0.00) | |
| Missing | -4.00 (-36.00, 9.00) | |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 4.40) | |
| No | 0.00 (-4.00, 0.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|----------------------|
| Missing | -3.00 (-16.00, 0.00) | |
| In-hospital mortality | | |
| Yes | 6.60 (1.40, 25.39) | |
| No | -7.00 (-26.00, -2.08) | |
| Missing | 1.00 (-1.00, 4.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 7.00 (4.00, 31.00) | |
| No | -7.10 (-31.50, -4.50) | |
| Missing | 5.00 (-17.00, 28.00) | |
| Return to work | | |
| Yes | -21.00 (-102.00, -7.00) | |
| No | 21.00 (7.93, 102.00) | |
| Missing | -2.00 (-57.00, 33.00) | |
| Pulmonary complication | | |
| Yes | 2.20 (2.00, 8.70) | -0.00 (-0.00, -0.00) |
| No | -2.00 (-8.00, -2.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-38.00, 27.00) | |
| Septic complication | | |
| Yes | 1.20 (-2.40, 8.10) | |
| No | -1.00 (-8.00, 3.00) | |
| Missing | 1.00 (-37.00, 29.92) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 1.00 (-35.00, 27.00) | |
| Coagulopathy | | |
| Yes | 4.30 (3.80, 18.60) | Inf (Inf, Inf) |
| No | -4.00 (-18.00, -3.00) | -Inf (-Inf, -Inf) |
| Missing | 1.00 (-36.00, 29.00) | |
| Need for reexploration or resurgery | | |
| Yes | 0.50 (-3.30, 4.79) | |
| No | 0.00 (-4.00, 4.00) | |
| Missing | 2.00 (-41.00, 37.92) | |
| Failure of conservative management | | |
| No | -8.00 (-31.00, -7.00) | |
| Yes | 8.60 (7.90, 32.41) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| Missing | -8.00 (-71.00, 24.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | 13.00 (1.08, 67.00) | |
| I have some problems in walking | 9.70 (0.71, 43.70) | |
| I am confined to bed | -23.40 (-90.18, -19.71) | |
| Missing | 9.00 (-25.00, 48.92) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | 4.00 (-19.00, 48.00) | |
| I have some problems bathing or dressing myself | -2.30 (-38.30, 16.48) | |
| I am unable to bathe or dress myself | -2.40 (-30.29, 20.78) | |
| Missing | 9.00 (-25.00, 48.92) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | 2.00 (-22.92, 44.00) | |
| I have some problems in performing my usual activities | 3.70 (-23.25, 32.79) | |
| I am unable to perform my usual activities | -4.90 (-38.68, 11.18) | |
| Missing | 9.00 (-25.00, 48.92) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -14.00 (-69.92, 20.00) | |
| I have moderate pain or discomfort | 16.00 (-4.92, 72.00) | |
| I have extreme pain or discomfort | -2.60 (-26.20, 4.80) | |
| Missing | 9.00 (-25.00, 48.92) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 11.00 (-3.00, 61.92) | 1.50 (-0.36, 2.90) |
| I am moderately anxious or depressed | -14.00 (-68.98, -2.91) | 1.74 (-0.08, 3.38) |
| I am extremely anxious or depressed | 2.40 (1.90, 10.20) | |
| Missing | 9.00 (-25.00, 48.92) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 6.00 (-20.07, 46.00) | 1.86 (-0.45, 5.21) |
| I have some problems in walking | 10.00 (-6.42, 50.31) | |
| I am confined to bed | -16.40 (-66.81, -8.58) | |
| Missing | -3.00 (-65.00, 37.00) | |
| EQ-5D self-care at 30 day follow-up | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I have no problems with self-care | -9.00 (-53.00, 8.00) | |
| I have some problems bathing or dressing myself | -2.30 (-36.61, 16.30) | |
| I am unable to bathe or dress myself | 11.30 (3.59, 56.61) | |
| Missing | -3.00 (-65.00, 37.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -29.00 (-108.00, -24.93) | |
| I have some problems in performing my usual activities | 18.00 (14.99, 70.71) | |
| I am unable to perform my usual activities | 11.30 (9.97, 45.81) | |
| Missing | -3.00 (-65.00, 37.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | 4.00 (-23.00, 45.00) | |
| I have moderate pain or discomfort | -6.00 (-48.71, 20.01) | |
| I have extreme pain or discomfort | 2.30 (0.49, 9.50) | |
| Missing | -3.00 (-65.00, 37.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -26.00 (-87.00, -27.00) | |
| I am moderately anxious or depressed | 23.60 (23.69, 80.60) | |
| I am extremely anxious or depressed | 2.30 (1.70, 9.30) | |
| Missing | -3.00 (-65.00, 37.00) | |
| Patient satisfaction | | |
| Very satisfied | -6.00 (-38.00, 18.00) | |
| Somewhat satisfied | -12.70 (-60.86, -5.45) | |
| Somewhat dissatisfied | 8.10 (6.21, 30.00) | |
| Very dissatisfied | 12.00 (10.91, 40.90) | |
| Missing | 5.00 (-14.00, 24.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | -10.00 (-64.00, 8.00) | |
| EQ-5D health state at discharge | -5.00 (-54.00, 31.92) | |
| Missing | 2.00 (-37.00, 29.85) | |
| EQ-5D health state at 30 day follow-up | -17.00 (-124.00, 3.00) | |
| Missing | -4.00 (-65.92, 32.00) | |
| Cost of treatment | | |

| Outcome | Absolute difference | Relative difference |
|---------|--------------------------------|---------------------|
| | -1475.00 (-14584.45, 22094.82) | |
| Missing | 4.00 (-62.92, 61.00) | |

95% confidence level

overall

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|-------------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 2.50 (-3.60, 5.00) | 7.30 (2.60, 11.90) | 13.00 (8.00, 17.70) |
| No | 98.00 (96.00, 105.00) | 93.00 (89.00, 98.00) | 87.00 (82.00, 92.00) |
| Missing | 4.00 (-1.00, 7.00) | 20.00 (11.00, 28.00) | 29.00 (18.00, 38.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.50 (-0.60, 1.00) |
| No | | | 99.00 (98.00, 100.00) |
| Missing | 4.00 (-1.00, 7.00) | 13.00 (6.00, 19.97) | 7.00 (2.00, 11.00) |
| In-hospital mortality | | | |
| Yes | 2.30 (-3.59, 4.60) | 5.40 (1.20, 9.20) | 11.00 (7.00, 15.79) |
| No | 98.00 (96.00, 104.00) | 95.00 (92.00, 99.97) | 90.00 (86.00, 95.00) |
| Missing | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 97.00 (94.00, 103.00) | 97.00 (95.00, 101.00) | 98.00 (97.00, 101.00) |
| No | 2.80 (-3.80, 5.60) | 3.40 (-0.30, 6.00) | 2.30 (-0.30, 4.10) |
| Missing | 8.00 (3.00, 13.00) | 11.00 (4.00, 17.00) | 26.00 (16.00, 35.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|-----------------------|-----------------------|-------------------------------|
| Return to work | | | |
| Yes | 64.00 (46.00, 84.00) | 72.00 (64.00, 81.00) | 51.00 (43.00, 60.00) |
| No | 36.00 (16.00, 54.00) | 28.00 (18.03, 36.00) | 49.00 (40.00, 57.00) |
| Missing | 19.00 (11.00, 26.97) | 31.00 (20.00, 41.00) | 68.00 (53.00, 83.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 0.90 (-1.10, 1.80) | 0.00 (0.00, 0.00) |
| No | | 99.00 (98.00, 101.00) | |
| Missing | 11.00 (4.03, 17.00) | 21.00 (13.00, 29.00) | 35.00 (24.00, 46.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.70 (-0.10, 6.60) | 1.20 (-0.60, 2.40) |
| No | | 96.00 (93.00, 99.00) | 99.00 (98.00, 101.00) |
| Missing | 11.00 (4.03, 17.00) | 22.00 (14.00, 31.00) | 34.00 (23.00, 44.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 10.00 (4.00, 16.00) | 21.00 (13.00, 29.00) | 33.00 (22.00, 43.00) |
| Coagulopathy | | | |
| Yes | 3.00 (-4.00, 6.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 97.00 (94.00, 104.00) | | |
| Missing | 11.00 (4.03, 17.00) | 22.00 (13.00, 31.00) | 33.00 (22.00, 43.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 1.80 (-1.10, 3.60) | 1.90 (-0.40, 3.80) |
| No | | 98.00 (96.00, 101.00) | 98.00 (96.00, 100.00) |
| Missing | 10.00 (3.03, 15.00) | 20.00 (12.00, 28.00) | 43.00 (31.00, 55.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|-----------------------|-----------------------|-------------------------------|
| Failure of conservative management | | | |
| No | 94.00 (88.00, 105.00) | 98.00 (96.00, 101.00) | 99.00 (98.00, 101.00) |
| Yes | 6.50 (-4.00, 13.00) | 1.90 (-1.00, 3.80) | 1.30 (-0.90, 2.60) |
| Missing | 13.00 (6.00, 19.00) | 23.00 (13.03, 32.00) | 46.00 (33.00, 58.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 80.00 (67.00, 96.00) | 88.00 (82.00, 95.00) | 62.00 (55.00, 70.00) |
| I have some problems in walking | 10.00 (-3.00, 20.00) | 7.90 (1.80, 12.70) | 18.00 (11.00, 23.00) |
| I am confined to bed | 10.00 (-3.00, 20.00) | 4.00 (0.00, 7.10) | 20.00 (14.00, 26.00) |
| Missing | 14.00 (7.00, 21.00) | 29.00 (18.00, 39.00) | 45.00 (31.03, 57.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 63.00 (45.00, 82.00) | 83.00 (76.00, 90.00) | 52.00 (44.00, 59.97) |
| I have some problems bathing or dressing myself | 13.00 (-1.00, 23.10) | 9.90 (3.80, 15.10) | 27.00 (21.00, 34.00) |
| I am unable to bathe or dress myself | 23.00 (6.00, 37.40) | 6.90 (1.80, 11.20) | 21.00 (14.00, 27.00) |
| Missing | 14.00 (7.00, 21.00) | 29.00 (18.00, 39.00) | 45.00 (31.03, 57.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 57.00 (40.00, 77.00) | 81.00 (74.00, 88.00) | 48.00 (40.00, 55.97) |
| I have some problems in performing my usual activities | 23.00 (6.00, 37.69) | 11.00 (5.00, 16.70) | 36.00 (29.00, 43.00) |
| I am unable to perform my usual activities | 20.00 (5.00, 33.69) | 7.90 (2.80, 12.60) | 16.00 (10.00, 21.00) |
| Missing | 14.00 (7.00, 21.00) | 29.00 (18.00, 39.00) | 45.00 (31.03, 57.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 43.00 (24.00, 60.00) | 52.00 (41.00, 61.00) | 27.00 (20.00, 33.00) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|--|----------------------|-----------------------|-------------------------------|
| I have moderate pain or discomfort | 57.00 (40.00, 76.00) | 44.00 (35.00, 54.00) | 36.00 (28.00, 43.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 4.00 (0.20, 7.10) | 36.00 (28.00, 43.00) |
| Missing | 14.00 (7.00, 21.00) | 29.00 (18.00, 39.00) | 45.00 (31.03, 57.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 70.00 (54.00, 88.00) | 86.00 (80.00, 92.00) | 89.00 (85.00, 94.00) |
| I am moderately anxious or depressed | 30.00 (12.00, 46.00) | 13.00 (7.00, 19.20) | 9.60 (5.20, 14.10) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-1.20, 2.00) | 1.90 (-0.60, 3.80) |
| Missing | 14.00 (7.00, 21.00) | 29.00 (18.00, 39.00) | 45.00 (31.03, 57.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 77.00 (62.00, 95.00) | 95.00 (91.00, 100.00) | 74.00 (66.00, 81.00) |
| I have some problems in walking | 19.00 (3.00, 33.19) | 3.00 (-0.60, 6.00) | 16.00 (10.00, 22.60) |
| I am confined to bed | 3.80 (-5.40, 7.60) | 2.00 (-1.10, 4.00) | 9.80 (4.60, 14.40) |
| Missing | 18.00 (10.00, 25.00) | 29.00 (19.00, 39.00) | 69.00 (54.00, 83.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 81.00 (67.00, 98.00) | 94.00 (90.00, 99.00) | 77.00 (70.00, 84.00) |
| I have some problems bathing or dressing myself | 12.00 (-1.00, 24.00) | 2.00 (-0.90, 4.00) | 13.00 (7.00, 18.70) |
| I am unable to bathe or dress myself | 7.70 (-3.60, 15.40) | 4.00 (-0.20, 7.10) | 9.80 (4.60, 14.50) |
| Missing | 18.00 (10.00, 25.00) | 29.00 (19.00, 39.00) | 69.00 (54.00, 83.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 81.00 (68.00, 99.00) | 93.00 (88.00, 98.00) | 79.00 (72.03, 86.00) |
| I have some problems in performing my usual activities | 12.00 (-3.00, 24.00) | 3.00 (-0.50, 6.00) | 14.00 (8.00, 19.80) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|---|-----------------------|----------------------|-------------------------------|
| I am unable to perform my usual activities | 7.70 (-3.60, 15.40) | 4.00 (-0.20, 7.10) | 7.50 (2.00, 11.50) |
| Missing | 18.00 (10.00, 25.00) | 29.00 (19.00, 39.00) | 69.00 (54.00, 83.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 77.00 (61.00, 95.00) | 82.00 (74.03, 89.00) | 78.00 (71.00, 85.00) |
| I have moderate pain or discomfort | 23.00 (5.00, 39.09) | 17.00 (10.00, 24.30) | 20.00 (12.00, 26.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 1.00 (-1.20, 2.00) | 1.50 (-0.90, 3.00) |
| Missing | 18.00 (10.00, 25.00) | 29.00 (19.00, 39.00) | 69.00 (54.00, 83.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 88.00 (76.00, 103.00) | 92.00 (87.00, 97.00) | 95.00 (91.00, 98.00) |
| I am moderately anxious or depressed | 12.00 (-3.00, 24.00) | 6.90 (1.80, 11.30) | 3.80 (0.50, 6.80) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 1.00 (-1.20, 2.00) | 0.80 (-0.80, 1.60) |
| Missing | 18.00 (10.00, 25.00) | 29.00 (19.00, 39.00) | 69.00 (54.00, 83.00) |
| Patient satisfaction | | | |
| Very satisfied | 74.00 (61.00, 89.00) | 85.00 (79.00, 91.97) | 69.00 (62.00, 75.00) |
| Somewhat satisfied | 21.00 (6.03, 32.90) | 9.90 (3.80, 15.00) | 16.00 (10.00, 21.00) |
| Somewhat dissatisfied | 2.60 (-3.90, 5.20) | 1.70 (-1.00, 3.40) | 9.00 (4.00, 12.90) |
| Very dissatisfied | 2.60 (-3.40, 5.20) | 3.30 (-0.10, 5.80) | 5.10 (1.60, 8.00) |
| Missing | 6.00 (1.00, 10.00) | 9.00 (2.03, 14.00) | 25.00 (15.03, 35.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 13.00 (6.00, 19.00) | 19.00 (11.00, 27.00) | 36.00 (24.00, 46.00) |
| EQ-5D health state at discharge | | | |
| | 60.00 (40.00, 70.00) | 80.00 (70.00, 80.00) | 50.00 (37.08, 95.00) |
| Missing | 15.00 (7.00, 22.00) | 35.00 (24.00, 45.00) | 58.00 (43.00, 71.97) |

| Outcome | ATLS, N = 44 | PTC, N = 130 | Standard care, N = 202 |
|---|------------------------------|----------------------------|-----------------------------|
| EQ-5D health state at 30 day follow-up | 88.00 (76.00, 96.00) | 100.00 (100.00, 100.00) | 80.00 (60.00, 150.00) |
| Missing | 18.00 (10.00, 25.00) | 32.00 (21.00, 42.97) | 75.00 (59.00, 90.00) |
| Cost of treatment | 5000.00 (-5000.00, 10000.00) | 2000.00 (1500.00, 2800.00) | 3000.00 (-4000.00, 4500.00) |
| Missing | 35.00 (23.00, 46.97) | 39.00 (27.00, 50.00) | 113.00 (96.00, 130.00) |

pre.training

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|
| 30 day mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 10.00 (0.03, 17.90) | 2.60 (-3.39, 5.20) |
| No | | 90.00 (82.00, 99.97) | 97.00 (94.00, 102.97) |
| Missing | 2.00 (-1.00, 4.00) | 8.00 (2.00, 13.00) | 3.00 (-1.00, 6.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.40 (-3.00, 4.80) |
| No | | | 98.00 (96.00, 104.00) |
| Missing | 2.00 (-1.00, 4.00) | 5.00 (0.00, 8.00) | 0.00 (0.00, 0.00) |
| In-hospital mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 7.00 (0.00, 12.40) | 4.90 (-3.20, 9.80) |
| No | | 93.00 (88.00, 100.00) | 95.00 (90.00, 102.00) |
| Missing | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Self-ambulatory at discharge | | | |
| Yes | 92.00 (84.00, 113.00) | 96.00 (92.00, 103.00) | 95.00 (90.00, 104.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|-----------------------|-----------------------|------------------------------|
| No | 8.30 (-12.40, 16.60) | 4.10 (-2.80, 8.20) | 5.10 (-3.80, 10.20) |
| Missing | 4.00 (0.00, 7.00) | 8.00 (2.00, 13.00) | 2.00 (-1.00, 4.00) |
| Return to work | | | |
| Yes | 83.00 (66.00, 116.00) | 74.00 (62.00, 88.97) | 41.00 (23.00, 58.00) |
| No | 17.00 (-16.00, 34.00) | 26.00 (11.03, 38.00) | 59.00 (42.00, 77.00) |
| Missing | 10.00 (4.00, 16.00) | 15.00 (8.00, 22.00) | 12.00 (5.00, 18.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-2.59, 4.40) | 0.00 (0.00, 0.00) |
| No | | 98.00 (96.00, 103.00) | |
| Missing | 6.00 (1.00, 10.00) | 11.00 (4.00, 17.00) | 2.00 (-1.00, 4.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 4.40 (-2.20, 8.80) | 2.50 (-3.10, 5.00) |
| No | | 96.00 (92.00, 103.00) | 98.00 (96.00, 104.00) |
| Missing | 6.00 (1.00, 10.00) | 12.00 (5.00, 18.00) | 1.00 (-1.00, 2.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (1.00, 9.00) | 11.00 (4.00, 17.00) | 1.00 (-1.00, 2.00) |
| Coagulopathy | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 6.00 (1.00, 10.00) | 12.00 (5.00, 18.00) | 1.00 (-1.00, 2.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | 2.10 (-3.09, 4.20) | 0.00 (0.00, 0.00) |
| No | | 98.00 (96.00, 103.00) | |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|----------------------|-----------------------|------------------------------|
| Missing | 4.00 (0.00, 7.00) | 10.00 (4.00, 16.00) | 1.00 (-1.00, 2.00) |
| Failure of conservative management | | | |
| No | | 98.00 (96.00, 103.00) | |
| Yes | 0.00 (0.00, 0.00) | 2.20 (-2.90, 4.40) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (4.00, 16.00) | 11.00 (4.03, 17.00) | 2.00 (-1.00, 4.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 67.00 (43.00, 98.00) | 83.00 (72.03, 96.00) | 62.00 (48.00, 80.00) |
| I have some problems in walking | 8.30 (-10.37, 16.60) | 12.00 (0.00, 21.40) | 18.00 (5.00, 29.30) |
| I am confined to bed | 25.00 (-5.00, 50.00) | 4.90 (-3.17, 9.80) | 21.00 (8.00, 33.40) |
| Missing | 4.00 (0.00, 7.00) | 16.00 (8.00, 23.00) | 2.00 (-1.00, 4.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 58.00 (28.00, 86.97) | 80.00 (68.00, 92.00) | 59.00 (42.00, 74.00) |
| I have some problems bathing or dressing myself | 17.00 (-8.00, 34.00) | 12.00 (1.00, 21.10) | 15.00 (2.00, 25.00) |
| I am unable to bathe or dress myself | 25.00 (-5.00, 50.00) | 7.30 (-1.40, 14.60) | 26.00 (13.00, 40.00) |
| Missing | 4.00 (0.00, 7.00) | 16.00 (8.00, 23.00) | 2.00 (-1.00, 4.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 50.00 (20.00, 79.97) | 76.00 (64.00, 89.97) | 54.00 (38.03, 70.00) |
| I have some problems in performing my usual activities | 25.00 (0.00, 50.00) | 15.00 (4.00, 24.70) | 28.00 (13.00, 41.00) |
| I am unable to perform my usual activities | 25.00 (-5.00, 50.00) | 9.80 (-0.40, 17.30) | 18.00 (5.00, 29.49) |
| Missing | 4.00 (0.00, 7.00) | 16.00 (8.00, 23.00) | 2.00 (-1.00, 4.00) |
| EQ-5D pain/discomfort at discharge | | | |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|-----------------------|-----------------------|------------------------------|
| I have no pain or discomfort | 33.00 (2.00, 57.70) | 34.00 (18.00, 48.00) | 33.00 (17.00, 47.00) |
| I have moderate pain or discomfort | 67.00 (42.00, 98.00) | 63.00 (48.00, 78.97) | 41.00 (24.00, 56.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.40 (-3.30, 4.80) | 26.00 (13.00, 39.00) |
| Missing | 4.00 (0.00, 7.00) | 16.00 (8.00, 23.00) | 2.00 (-1.00, 4.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 50.00 (20.00, 79.97) | 73.00 (60.00, 86.97) | 79.00 (65.00, 91.00) |
| I am moderately anxious or depressed | 50.00 (20.03, 80.00) | 24.00 (10.00, 36.97) | 18.00 (5.00, 29.30) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.40 (-3.30, 4.80) | 2.60 (-2.90, 5.20) |
| Missing | 4.00 (0.00, 7.00) | 16.00 (8.00, 23.00) | 2.00 (-1.00, 4.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 67.00 (34.00, 109.00) | 91.00 (84.00, 101.00) | 65.00 (49.00, 83.00) |
| I have some problems in walking | 17.00 (-16.00, 34.00) | 7.00 (-2.00, 14.00) | 13.00 (0.00, 23.30) |
| I am confined to bed | 17.00 (-16.00, 34.00) | 2.30 (-3.70, 4.60) | 23.00 (7.00, 37.99) |
| Missing | 10.00 (4.00, 16.00) | 14.00 (7.00, 21.00) | 10.00 (4.00, 16.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 83.00 (66.00, 116.00) | 91.00 (84.00, 100.00) | 71.00 (55.03, 87.00) |
| I have some problems bathing or dressing myself | 17.00 (-16.00, 34.00) | 4.70 (-2.60, 9.40) | 6.50 (-4.00, 13.00) |
| I am unable to bathe or dress myself | 0.00 (0.00, 0.00) | 4.70 (-2.60, 9.40) | 23.00 (8.00, 36.30) |
| Missing | 10.00 (4.00, 16.00) | 14.00 (7.00, 21.00) | 10.00 (4.00, 16.00) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | | 91.00 (84.00, 100.00) | 71.00 (56.00, 87.97) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|--|-----------------------|----------------------|------------------------------|
| I have some problems in performing my usual activities | 0.00 (0.00, 0.00) | 4.70 (-2.60, 9.40) | 19.00 (4.03, 31.50) |
| I am unable to perform my usual activities | 0.00 (0.00, 0.00) | 4.70 (-2.60, 9.40) | 9.70 (-2.57, 19.40) |
| Missing | 10.00 (4.00, 16.00) | 14.00 (7.00, 21.00) | 10.00 (4.00, 16.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 67.00 (34.00, 109.00) | 77.00 (65.00, 90.00) | 74.00 (59.00, 91.00) |
| I have moderate pain or discomfort | 33.00 (-9.00, 66.00) | 21.00 (9.00, 33.30) | 26.00 (9.00, 41.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.30 (-3.30, 4.60) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (4.00, 16.00) | 14.00 (7.00, 21.00) | 10.00 (4.00, 16.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | | 86.00 (77.00, 97.97) | 97.00 (94.00, 105.00) |
| I am moderately anxious or depressed | 0.00 (0.00, 0.00) | 12.00 (1.03, 21.40) | 3.20 (-4.60, 6.40) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 2.30 (-3.30, 4.60) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (4.00, 16.00) | 14.00 (7.00, 21.00) | 10.00 (4.00, 16.00) |
| Patient satisfaction | | | |
| Very satisfied | 64.00 (38.00, 90.00) | 73.00 (63.00, 86.00) | 67.00 (53.00, 82.00) |
| Somewhat satisfied | 36.00 (10.00, 62.00) | 16.00 (6.00, 26.00) | 23.00 (10.00, 35.00) |
| Somewhat dissatisfied | 0.00 (0.00, 0.00) | 3.90 (-2.20, 7.80) | 7.70 (-1.60, 15.40) |
| Very dissatisfied | 0.00 (0.00, 0.00) | 7.80 (0.60, 13.90) | 2.60 (-3.39, 5.20) |
| Missing | 2.00 (-1.00, 4.00) | 6.00 (1.00, 10.00) | 2.00 (-1.00, 4.00) |
| Number of hospitalizations for this injury | | | |
| | 0.00 (-0.50, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 10.00 (4.00, 16.00) | 8.00 (2.00, 13.00) | 2.00 (-1.00, 4.00) |

| Outcome | ATLS, N = 16 | PTC, N = 57 | Standard care, N = 41 |
|---|--------------------------|-----------------------------|--------------------------------|
| EQ-5D health state at discharge | 60.00 (30.00, 80.00) | 80.00 (70.00, 90.00) | 50.00 (20.00, 97.00) |
| Missing | 5.00 (1.00, 9.00) | 16.00 (8.00, 23.00) | 10.00 (3.00, 16.00) |
| EQ-5D health state at 30 day follow-up | 100.00 (100.00, 142.00) | 100.00 (100.00, 110.00) | 10.00 (-80.00, 11.00) |
| Missing | 10.00 (4.00, 16.00) | 15.00 (7.00, 22.00) | 14.00 (7.00, 21.00) |
| Cost of treatment | 7000.00 (0.00, 14000.00) | 2025.00 (-2950.00, 3347.48) | 14000.00 (-23500.00, 27500.00) |
| Missing | 14.00 (6.00, 21.00) | 18.00 (10.00, 25.00) | 23.00 (13.00, 32.00) |

post.training

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|------------------------------|-----------------------|-----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-5.40, 7.60) | 4.90 (-1.20, 9.80) | 16.00 (9.00, 22.00) |
| No | 96.00 (92.00, 105.00) | 95.00 (90.00, 101.00) | 84.00 (78.00, 91.00) |
| Missing | 2.00 (-1.00, 4.00) | 12.00 (5.00, 18.00) | 26.00 (16.00, 34.97) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 2.00 (-1.00, 4.00) | 8.00 (2.00, 13.00) | 7.00 (2.00, 11.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-5.60, 7.40) | 4.10 (-1.30, 8.20) | 12.00 (7.00, 17.10) |
| No | 96.00 (92.00, 104.00) | 96.00 (92.00, 102.00) | 88.00 (83.00, 93.00) |
| Missing | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| Self-ambulatory at discharge | | | |
| Yes | | 97.00 (94.00, 101.00) | 99.00 (98.00, 102.00) |
| No | 0.00 (0.00, 0.00) | 2.90 (-1.70, 5.80) | 1.50 (-0.70, 3.00) |
| Missing | 4.00 (0.00, 7.00) | 3.00 (-1.00, 6.00) | 24.00 (15.00, 33.00) |
| Return to work | | | |
| Yes | 58.00 (36.03, 81.00) | 70.00 (58.00, 83.00) | 53.00 (43.00, 63.00) |
| No | 42.00 (19.00, 63.97) | 30.00 (17.00, 42.00) | 47.00 (37.00, 57.00) |
| Missing | 9.00 (2.03, 14.00) | 16.00 (8.00, 23.00) | 56.00 (42.00, 68.00) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (0.00, 9.00) | 10.00 (3.03, 16.00) | 33.00 (22.00, 43.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | 3.20 (-1.70, 6.40) | 0.80 (-1.10, 1.60) |
| No | | 97.00 (94.00, 102.00) | 99.00 (98.00, 101.00) |
| Missing | 5.00 (0.00, 9.00) | 10.00 (3.03, 16.00) | 33.00 (22.00, 43.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | | | |
| Missing | 5.00 (0.00, 9.00) | 10.00 (3.03, 16.00) | 32.00 (21.00, 42.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-5.40, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 96.00 (92.00, 106.00) | | |
| Missing | 5.00 (0.00, 9.00) | 10.00 (3.03, 16.00) | 32.00 (21.00, 42.00) |
| Need for reexploration or resurgery | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| Yes | 0.00 (0.00, 0.00) | 1.60 (-2.00, 3.20) | 2.50 (-0.70, 5.00) |
| No | | 98.00 (96.00, 101.00) | 97.00 (94.00, 100.00) |
| Missing | 6.00 (1.00, 10.00) | 10.00 (3.03, 16.00) | 42.00 (30.00, 53.00) |
| Failure of conservative management | | | |
| No | 92.00 (84.00, 105.00) | 98.00 (96.00, 101.00) | 98.00 (96.00, 101.00) |
| Yes | 8.00 (-5.00, 16.00) | 1.60 (-2.10, 3.20) | 1.70 (-1.30, 3.40) |
| Missing | 3.00 (-1.00, 6.00) | 12.00 (5.00, 18.00) | 44.00 (31.00, 56.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 89.00 (78.00, 107.00) | 92.00 (86.00, 100.00) | 62.00 (53.00, 71.00) |
| I have some problems in walking | 11.00 (-7.00, 22.00) | 5.00 (-1.00, 10.00) | 19.00 (12.00, 26.00) |
| I am confined to bed | 0.00 (0.00, 0.00) | 3.30 (-2.00, 6.60) | 19.00 (11.00, 25.00) |
| Missing | 10.00 (3.00, 15.00) | 13.00 (6.00, 20.00) | 43.00 (30.03, 54.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 67.00 (45.00, 91.00) | 85.00 (76.03, 95.00) | 50.00 (41.00, 59.00) |
| I have some problems bathing or dressing myself | 11.00 (-6.00, 22.00) | 8.30 (0.60, 14.80) | 31.00 (23.00, 40.00) |
| I am unable to bathe or dress myself | 22.00 (0.00, 44.00) | 6.70 (0.40, 11.90) | 19.00 (11.00, 26.00) |
| Missing | 10.00 (3.00, 15.00) | 13.00 (6.00, 20.00) | 43.00 (30.03, 54.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 61.00 (38.00, 87.00) | 85.00 (76.03, 95.00) | 47.00 (38.03, 56.00) |
| I have some problems in performing my usual activities | 22.00 (-2.00, 38.70) | 8.30 (0.60, 14.80) | 38.00 (29.00, 46.97) |
| I am unable to perform my usual activities | 17.00 (-2.00, 34.00) | 6.70 (0.40, 11.90) | 15.00 (8.00, 20.80) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|-----------------------|-----------------------|-------------------------------|
| Missing | 10.00 (3.00, 15.00) | 13.00 (6.00, 20.00) | 43.00 (30.03, 54.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 50.00 (27.00, 73.00) | 65.00 (53.00, 77.00) | 25.00 (17.00, 32.00) |
| I have moderate pain or discomfort | 50.00 (27.00, 73.00) | 30.00 (18.03, 42.00) | 35.00 (27.00, 44.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 5.00 (-1.00, 10.00) | 40.00 (31.00, 48.00) |
| Missing | 10.00 (3.00, 15.00) | 13.00 (6.00, 20.00) | 43.00 (30.03, 54.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 83.00 (66.00, 102.97) | 95.00 (90.00, 101.00) | 92.00 (88.00, 98.00) |
| I am moderately anxious or depressed | 17.00 (-2.97, 34.00) | 5.00 (-1.00, 10.00) | 6.80 (1.60, 11.10) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.70 (-1.00, 3.40) |
| Missing | 10.00 (3.00, 15.00) | 13.00 (6.00, 20.00) | 43.00 (30.03, 54.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 80.00 (64.00, 100.00) | 98.00 (96.00, 102.00) | 77.00 (68.00, 85.00) |
| I have some problems in walking | 20.00 (0.00, 35.80) | 0.00 (0.00, 0.00) | 17.00 (10.00, 24.60) |
| I am confined to bed | 0.00 (0.00, 0.00) | 1.70 (-2.40, 3.40) | 5.90 (0.80, 9.90) |
| Missing | 8.00 (2.00, 13.00) | 15.00 (7.00, 22.00) | 59.00 (44.00, 71.00) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 80.00 (64.03, 100.00) | 97.00 (94.00, 102.97) | 79.00 (71.00, 87.00) |
| I have some problems bathing or dressing myself | 10.00 (-5.97, 20.00) | 0.00 (0.00, 0.00) | 15.00 (8.00, 21.80) |
| I am unable to bathe or dress myself | 10.00 (-5.00, 20.00) | 3.40 (-1.70, 6.80) | 5.90 (0.80, 9.90) |
| Missing | 8.00 (2.00, 13.00) | 15.00 (7.00, 22.00) | 59.00 (44.00, 71.00) |
| EQ-5D usual activities at 30 day follow-up | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| I have no problems in performing my usual activities | 75.00 (58.00, 96.00) | 95.00 (90.00, 101.00) | 81.00 (74.00, 89.00) |
| I have some problems in performing my usual activities | 15.00 (-3.00, 30.00) | 1.70 (-2.40, 3.40) | 12.00 (5.03, 17.90) |
| I am unable to perform my usual activities | 10.00 (-5.00, 20.00) | 3.40 (-1.70, 6.80) | 6.90 (0.80, 11.20) |
| Missing | 8.00 (2.00, 13.00) | 15.00 (7.00, 22.00) | 59.00 (44.00, 71.00) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 80.00 (65.00, 98.00) | 86.00 (77.00, 95.00) | 79.00 (71.00, 87.00) |
| I have moderate pain or discomfort | 20.00 (2.00, 35.50) | 14.00 (5.00, 22.80) | 19.00 (11.00, 26.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (-1.10, 4.00) |
| Missing | 8.00 (2.00, 13.00) | 15.00 (7.00, 22.00) | 59.00 (44.00, 71.00) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 85.00 (70.00, 103.00) | 97.00 (94.00, 103.00) | 95.00 (91.00, 99.00) |
| I am moderately anxious or depressed | 15.00 (-3.00, 30.00) | 3.40 (-2.10, 6.80) | 3.90 (-0.19, 6.90) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 1.00 (-1.20, 2.00) |
| Missing | 8.00 (2.00, 13.00) | 15.00 (7.00, 22.00) | 59.00 (44.00, 71.00) |
| Patient satisfaction | | | |
| Very satisfied | 79.00 (63.00, 95.00) | 94.00 (89.00, 100.00) | 70.00 (62.00, 77.00) |
| Somewhat satisfied | 13.00 (-3.00, 26.00) | 5.70 (-0.60, 10.00) | 14.00 (8.00, 19.00) |
| Somewhat dissatisfied | 4.20 (-5.60, 8.40) | 0.00 (0.00, 0.00) | 9.40 (3.80, 13.70) |
| Very dissatisfied | 4.20 (-5.57, 8.40) | 0.00 (0.00, 0.00) | 5.80 (1.60, 9.40) |
| Missing | 4.00 (0.00, 7.00) | 3.00 (-1.00, 6.00) | 23.00 (14.00, 32.00) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|----------------------------------|-------------------------------|--------------------------------|
| Missing | 3.00 (-1.00, 6.00) | 11.00 (4.00, 17.00) | 34.00 (22.00, 44.00) |
| EQ-5D health state at discharge | 65.00 (50.00, 80.00) | 90.00 (85.00, 100.00) | 50.00 (40.00, 95.00) |
| Missing | 10.00 (3.00, 15.00) | 19.00 (10.00, 27.00) | 48.00 (34.00, 60.00) |
| EQ-5D health state at 30 day follow-up | 83.00 (66.00, 91.00) | | 83.00 (66.00, 156.00) |
| Missing | 8.00 (2.00, 13.00) | 17.00 (9.00, 25.00) | 61.00 (46.00, 74.00) |
| Cost of treatment | 5000.00 (-10024.59, 10000.00) | 1500.00 (1000.00, 2398.76) | 2500.00 (-5000.00, 4000.00) |
| Missing | 21.00 (11.00, 30.00) | 21.00 (12.00, 29.00) | 90.00 (73.00, 105.00) |

absolute.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|------------------------------|---------------------|----------------------|------------------------|
| 30 day mortality | | | |
| Yes | 3.80 (-5.40, 7.60) | -5.10 (-15.20, 6.10) | 13.40 (5.80, 21.79) |
| No | -4.00 (-8.00, 5.00) | 5.00 (-6.00, 15.00) | -13.00 (-21.00, -5.00) |
| Missing | 0.00 (-4.00, 4.00) | 4.00 (-6.00, 12.00) | 23.00 (12.00, 32.00) |
| 24 hour mortality | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | -2.40 (-4.80, 3.00) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 2.00 (-4.00, 4.00) |
| Missing | 0.00 (-4.00, 4.00) | 3.00 (-4.00, 10.00) | 7.00 (2.00, 11.00) |
| In-hospital mortality | | | |
| Yes | 3.70 (-5.60, 7.40) | -2.90 (-10.90, 5.60) | 7.10 (-0.80, 16.20) |
| No | -4.00 (-8.00, 4.00) | 3.00 (-5.00, 11.00) | -7.00 (-16.00, 1.00) |
| Missing | | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|------------------------|-----------------------|-------------------------------|
| | 1.00 (-1.00, 2.00) | 0.00 (0.00, 0.00) | 2.00 (-1.00, 4.00) |
| Self-ambulatory at discharge | | | |
| Yes | 8.00 (-13.00, 16.00) | 1.00 (-6.00, 8.00) | 4.00 (-4.00, 10.00) |
| No | -8.30 (-16.60, 12.40) | -1.20 (-8.20, 5.90) | -3.60 (-9.50, 5.10) |
| Missing | 0.00 (-5.00, 5.00) | -5.00 (-12.00, 1.00) | 22.00 (13.00, 31.00) |
| Return to work | | | |
| Yes | -25.00 (-67.00, 10.00) | -4.00 (-22.00, 13.00) | 12.00 (-8.00, 32.00) |
| No | 25.00 (-10.00, 67.00) | 4.00 (-13.00, 23.00) | -12.00 (-32.00, 8.00) |
| Missing | -1.00 (-10.00, 7.00) | 1.00 (-10.00, 12.00) | 44.00 (28.03, 57.97) |
| Pulmonary complication | | | |
| Yes | 0.00 (0.00, 0.00) | -2.20 (-4.40, 2.59) | 0.00 (0.00, 0.00) |
| No | 0.00 (0.00, 0.00) | 2.00 (-3.00, 4.00) | 0.00 (0.00, 0.00) |
| Missing | -1.00 (-7.00, 5.00) | -1.00 (-10.00, 8.00) | 31.00 (20.00, 41.00) |
| Septic complication | | | |
| Yes | 0.00 (0.00, 0.00) | -1.20 (-8.60, 6.80) | -1.70 (-5.49, 4.00) |
| No | 0.00 (0.00, 0.00) | 1.00 (-7.00, 8.00) | 1.00 (-5.97, 4.00) |
| Missing | -1.00 (-7.00, 5.00) | -2.00 (-11.00, 7.00) | 32.00 (21.00, 42.00) |
| Renal failure | | | |
| Yes | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-6.00, 6.00) | -1.00 (-10.00, 8.00) | 31.00 (20.00, 41.00) |
| Coagulopathy | | | |
| Yes | 4.30 (-5.40, 8.60) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| No | -4.00 (-8.00, 6.00) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-----------------------|-----------------------|-------------------------------|
| Missing | -1.00 (-7.00, 5.00) | -2.00 (-11.00, 7.00) | 31.00 (20.00, 41.00) |
| Need for reexploration or resurgery | | | |
| Yes | 0.00 (0.00, 0.00) | -0.50 (-5.50, 5.30) | 2.50 (-0.70, 5.00) |
| No | 0.00 (0.00, 0.00) | 0.00 (-6.00, 5.00) | -3.00 (-6.00, 0.00) |
| Missing | 2.00 (-5.00, 8.00) | 0.00 (-9.00, 9.00) | 41.00 (28.00, 52.00) |
| Failure of conservative management | | | |
| No | -8.00 (-16.00, 5.00) | 0.00 (-6.00, 5.00) | -2.00 (-4.00, 1.00) |
| Yes | 8.00 (-5.00, 16.00) | -0.60 (-5.90, 5.10) | 1.70 (-1.30, 3.40) |
| Missing | -7.00 (-14.00, 0.00) | 1.00 (-8.97, 10.00) | 42.00 (29.00, 54.00) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 22.00 (-12.00, 53.97) | 9.00 (-5.00, 23.00) | 0.00 (-20.00, 16.00) |
| I have some problems in walking | 2.70 (-17.60, 25.40) | -7.00 (-18.69, 5.20) | 1.00 (-12.70, 17.00) |
| I am confined to bed | -25.00 (-50.00, 5.00) | -1.60 (-9.89, 6.79) | -2.00 (-17.00, 13.00) |
| Missing | 6.00 (-1.00, 13.00) | -3.00 (-14.00, 7.00) | 41.00 (28.00, 52.00) |
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 9.00 (-29.00, 51.00) | 5.00 (-10.00, 21.00) | -9.00 (-27.00, 8.97) |
| I have some problems bathing or dressing myself | -6.00 (-31.00, 21.00) | -3.70 (-15.70, 8.50) | 16.00 (2.90, 32.00) |
| I am unable to bathe or dress myself | -3.00 (-36.00, 33.00) | -0.60 (-10.90, 11.00) | -7.00 (-22.00, 8.00) |
| Missing | 6.00 (-1.00, 13.00) | -3.00 (-14.00, 7.00) | 41.00 (28.00, 52.00) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 11.00 (-27.00, 49.00) | 9.00 (-7.00, 24.00) | -7.00 (-25.00, 11.97) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|------------------------|-------------------------|-------------------------------|
| I have some problems in performing my usual activities | -3.00 (-37.99, 28.39) | -6.70 (-19.30, 6.10) | 10.00 (-7.00, 26.00) |
| I am unable to perform my usual activities | -8.00 (-38.00, 25.97) | -3.10 (-14.20, 8.90) | -3.00 (-16.59, 11.00) |
| Missing | 6.00 (-1.00, 13.00) | -3.00 (-14.00, 7.00) | 41.00 (28.00, 52.00) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 17.00 (-18.00, 55.97) | 31.00 (11.00, 51.00) | -8.00 (-25.00, 8.00) |
| I have moderate pain or discomfort | -17.00 (-55.95, 18.00) | -33.00 (-52.00, -12.00) | -6.00 (-23.00, 13.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | 2.60 (-4.60, 9.80) | 14.00 (-2.00, 29.00) |
| Missing | 6.00 (-1.00, 13.00) | -3.00 (-14.00, 7.00) | 41.00 (28.00, 52.00) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 33.00 (-1.00, 69.00) | 22.00 (7.00, 37.00) | 13.00 (0.00, 27.00) |
| I am moderately anxious or depressed | -33.00 (-69.00, 1.00) | -19.00 (-32.79, -3.41) | -11.20 (-23.80, 2.60) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.40 (-4.80, 3.30) | -0.90 (-5.40, 5.40) |
| Missing | 6.00 (-1.00, 13.00) | -3.00 (-14.00, 7.00) | 41.00 (28.00, 52.00) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 13.00 (-34.00, 56.00) | 7.00 (-4.00, 15.00) | 12.00 (-8.00, 31.00) |
| I have some problems in walking | 3.00 (-29.00, 45.00) | -7.00 (-14.00, 2.00) | 4.00 (-8.89, 19.00) |
| I am confined to bed | -17.00 (-34.00, 16.00) | -0.60 (-6.10, 5.79) | -17.10 (-33.40, -1.00) |
| Missing | -2.00 (-10.00, 6.00) | 1.00 (-9.00, 11.00) | 49.00 (33.03, 62.97) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | -3.00 (-46.00, 27.02) | 6.00 (-4.00, 15.97) | 8.00 (-10.00, 26.00) |
| I have some problems bathing or dressing myself | -7.00 (-35.00, 36.00) | -4.70 (-9.40, 2.60) | 8.50 (-2.00, 21.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|------------------------|-----------------------|-------------------------------|
| I am unable to bathe or dress myself | 10.00 (-5.00, 20.00) | -1.30 (-9.00, 7.10) | -17.10 (-32.20, -1.50) |
| Missing | -2.00 (-10.00, 6.00) | 1.00 (-9.00, 11.00) | 49.00 (33.03, 62.97) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | -25.00 (-42.02, -3.98) | 4.00 (-7.00, 14.00) | 10.00 (-9.00, 28.00) |
| I have some problems in performing my usual activities | 15.00 (-3.00, 30.00) | -3.00 (-9.50, 5.00) | -7.00 (-21.00, 9.39) |
| I am unable to perform my usual activities | 10.00 (-5.00, 20.00) | -1.30 (-9.00, 7.10) | -2.80 (-13.60, 9.60) |
| Missing | -2.00 (-10.00, 6.00) | 1.00 (-9.00, 11.00) | 49.00 (33.03, 62.97) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 13.00 (-34.00, 56.00) | 9.00 (-7.00, 24.00) | 5.00 (-13.00, 21.00) |
| I have moderate pain or discomfort | -13.00 (-56.00, 34.00) | -7.00 (-22.00, 8.80) | -7.00 (-22.88, 11.00) |
| I have extreme pain or discomfort | 0.00 (0.00, 0.00) | -2.30 (-4.60, 3.30) | 2.00 (-1.10, 4.00) |
| Missing | -2.00 (-10.00, 6.00) | 1.00 (-9.00, 11.00) | 49.00 (33.03, 62.97) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | -15.00 (-30.00, 3.00) | 11.00 (0.00, 23.00) | -2.00 (-11.00, 4.00) |
| I am moderately anxious or depressed | 15.00 (-3.00, 30.00) | -8.60 (-19.70, 2.69) | 0.70 (-5.50, 9.70) |
| I am extremely anxious or depressed | 0.00 (0.00, 0.00) | -2.30 (-4.60, 3.30) | 1.00 (-1.20, 2.00) |
| Missing | -2.00 (-10.00, 6.00) | 1.00 (-9.00, 11.00) | 49.00 (33.03, 62.97) |
| Patient satisfaction | | | |
| Very satisfied | 15.00 (-15.00, 45.00) | 21.00 (7.00, 33.00) | 3.00 (-14.00, 19.00) |
| Somewhat satisfied | -23.00 (-51.00, 6.00) | -10.30 (-21.49, 0.90) | -9.00 (-22.00, 5.10) |
| Somewhat dissatisfied | 4.20 (-5.60, 8.40) | -3.90 (-7.80, 2.20) | 1.70 (-7.20, 12.40) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|-----------------------------------|--------------------------------|------------------------------------|
| Very dissatisfied | 4.20 (-5.57, 8.40) | -7.80 (-13.90, -0.60) | 3.20 (-2.40, 10.00) |
| Missing | 2.00 (-3.00, 7.00) | -3.00 (-9.00, 3.00) | 21.00 (12.00, 30.00) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.50) | 0.00 (0.00, 0.00) | 0.00 (0.00, 0.00) |
| Missing | -7.00 (-14.00, 0.00) | 3.00 (-6.00, 11.00) | 32.00 (20.00, 43.00) |
| EQ-5D health state at discharge | 5.00 (-23.00, 40.00) | 10.00 (0.00, 20.00) | 0.00 (-56.00, 60.00) |
| Missing | 5.00 (-3.00, 12.00) | 3.00 (-8.00, 14.00) | 38.00 (23.00, 52.00) |
| EQ-5D health state at 30 day follow-up | -17.00 (-69.00, -9.00) | 0.00 (-10.00, 0.00) | 73.00 (55.00, 196.00) |
| Missing | -2.00 (-10.00, 6.00) | 2.00 (-9.00, 13.00) | 47.00 (29.03, 62.00) |
| Cost of treatment | -2000.00 (-21820.74, 10000.00) | -525.00 (-1850.00, 4746.19) | -11500.00 (-25500.00, 25000.00) |
| Missing | 7.00 (-4.00, 19.00) | 3.00 (-9.00, 15.00) | 67.00 (47.00, 87.00) |

relative.difference

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--------------------------|---------------------|-----------------------|-------------------------------|
| 30 day mortality | | | |
| Yes | | 0.49 (-1.29, 0.98) | 6.15 (3.18, 10.85) |
| No | 0.96 (0.92, 1.05) | 1.06 (0.91, 1.16) | 0.87 (0.79, 0.94) |
| Missing | 1.00 (-2.00, 2.00) | 1.50 (-1.25, 2.42) | 8.67 (-13.67, 13.74) |
| 24 hour mortality | | | |
| Yes | | | 0.00 (0.00, 0.00) |
| No | | | 1.02 (0.95, 1.04) |
| Missing | 1.00 (-2.00, 2.00) | | |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|-------------------------------------|-----------------------|--------------------------|---------------------------|
| | | 1.60 (-2.80, 2.70) | |
| In-hospital mortality | | | |
| Yes | | 0.59 (-1.68, 1.17) | 2.45 (-1.49, 4.08) |
| No | 0.96 (0.92, 1.04) | 1.03 (0.94, 1.12) | 0.93 (0.83, 1.00) |
| Missing | | | |
| Self-ambulatory at discharge | | | |
| Yes | 1.09 (0.77, 1.17) | 1.01 (0.93, 1.08) | 1.04 (0.95, 1.10) |
| No | 0.00 (0.00, 0.00) | 0.71 (-1.71, 1.41) | 0.29 (-0.52, 0.59) |
| Missing | 1.00 (-3.00, 1.80) | 0.38 (-0.75, 0.75) | 12.00 (-6.00, 19.92) |
| Return to work | | | |
| Yes | 0.70 (0.10, 1.01) | 0.95 (0.66, 1.15) | 1.29 (0.28, 1.73) |
| No | 2.47 (0.37, 4.37) | 1.15 (-0.08, 1.72) | 0.80 (0.39, 1.04) |
| Missing | 0.90 (-0.70, 1.47) | 1.07 (-0.12, 1.63) | 4.67 (-0.81, 6.56) |
| Pulmonary complication | | | |
| Yes | | 0.00 (0.00, 0.00) | |
| No | | 1.02 (0.97, 1.04) | |
| Missing | 0.83 (-1.67, 1.50) | 0.91 (-0.52, 1.48) | 16.50 (-8.00, 27.00) |
| Septic complication | | | |
| Yes | | 0.73 (-1.55, 1.45) | 0.32 (-0.30, 0.64) |
| No | | 1.01 (0.92, 1.08) | 1.01 (0.93, 1.04) |
| Missing | 0.83 (-1.67, 1.50) | 0.83 (-0.33, 1.35) | 33.00 (23.00, 57.00) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-------------------------|--------------------------|-----------------------------------|
| Renal failure | | | |
| Yes | | | |
| No | | | |
| Missing | 1.00 (-2.52, 1.78) | 0.91 (-0.52, 1.48) | 32.00 (23.00, 55.33) |
| Coagulopathy | | | |
| Yes | | | |
| No | 0.96 (0.92, 1.06) | | |
| Missing | 0.83 (-1.67, 1.50) | 0.83 (-0.33, 1.33) | 32.00 (23.00, 55.33) |
| Need for reexploration or resurgery | | | |
| Yes | | 0.76 (-0.59, 1.52) | |
| No | | 1.00 (0.93, 1.05) | 0.97 (0.94, 1.00) |
| Missing | 1.50 (-4.00, 2.60) | 1.00 (-0.67, 1.60) | 42.00 (32.00, 72.73) |
| Failure of conservative management | | | |
| No | 0.92 (0.84, 1.05) | 1.00 (0.94, 1.05) | 0.98 (0.96, 1.01) |
| Yes | | 0.73 (-0.73, 1.45) | |
| Missing | 0.30 (-0.40, 0.60) | 1.09 (-0.42, 1.72) | 22.00 (-9.00, 36.59) |
| EQ-5D mobility at discharge | | | |
| I have no problems in walking | 1.33 (0.11, 1.76) | 1.11 (0.90, 1.27) | 1.00 (0.57, 1.22) |
| I have some problems in walking | 1.33 (-0.91, 2.65) | 0.42 (-1.27, 0.83) | 1.06 (-1.10, 1.61) |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.67 (-1.47, 1.35) | 0.90 (-0.58, 1.35) |
| Missing | 2.50 (-6.00, 4.12) | 0.81 (-0.17, 1.26) | 21.50 (-8.00, 34.80) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|-------------------------|------------------------|-----------------------------------|
| EQ-5D self-care at discharge | | | |
| I have no problems with self-care | 1.16 (-0.26, 1.71) | 1.06 (0.84, 1.25) | 0.85 (0.50, 1.07) |
| I have some problems bathing or dressing myself | 0.65 (-1.35, 1.29) | 0.69 (-1.41, 1.23) | 2.07 (-1.97, 3.13) |
| I am unable to bathe or dress myself | 0.88 (-1.87, 1.76) | 0.92 (-2.24, 1.72) | 0.73 (-0.17, 1.05) |
| Missing | 2.50 (-6.00, 4.12) | 0.81 (-0.17, 1.26) | 21.50 (-8.00, 34.80) |
| EQ-5D usual activities at discharge | | | |
| I have no problems in performing my usual activities | 1.22 (-0.73, 1.84) | 1.12 (0.86, 1.31) | 0.87 (0.46, 1.12) |
| I have some problems in performing my usual activities | 0.88 (-1.87, 1.60) | 0.55 (-0.74, 0.99) | 1.36 (0.00, 1.86) |
| I am unable to perform my usual activities | 0.68 (-1.52, 1.36) | 0.68 (-1.86, 1.27) | 0.83 (-0.77, 1.24) |
| Missing | 2.50 (-6.00, 4.12) | 0.81 (-0.17, 1.26) | 21.50 (-8.00, 34.80) |
| EQ-5D pain/discomfort at discharge | | | |
| I have no pain or discomfort | 1.52 (-2.02, 2.41) | 1.91 (0.44, 2.60) | 0.76 (0.12, 1.05) |
| I have moderate pain or discomfort | 0.75 (-0.02, 1.14) | 0.48 (0.23, 0.68) | 0.85 (0.30, 1.16) |
| I have extreme pain or discomfort | | 2.08 (0.18, 4.17) | 1.54 (-0.09, 2.10) |
| Missing | 2.50 (-6.00, 4.12) | 0.81 (-0.17, 1.26) | 21.50 (-8.00, 34.80) |
| EQ-5D anxiety/depression at discharge | | | |
| I am not anxious or depressed | 1.66 (-0.77, 2.37) | 1.30 (0.99, 1.52) | 1.16 (0.95, 1.34) |
| I am moderately anxious or depressed | 0.34 (-0.46, 0.68) | 0.21 (-0.18, 0.42) | 0.38 (-0.40, 0.63) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | 0.65 (-0.29, 1.31) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--|---------------------|--------------------|-------------------------------|
| Missing | 2.50 (-6.00, 4.12) | 0.81 (-0.17, 1.26) | 21.50 (-8.00, 34.80) |
| EQ-5D mobility at 30 day follow-up | | | |
| I have no problems in walking | 1.19 (-0.69, 1.71) | 1.08 (0.93, 1.16) | 1.18 (0.71, 1.46) |
| I have some problems in walking | 1.18 (-0.41, 2.24) | 0.00 (0.00, 0.00) | 1.31 (-2.56, 2.07) |
| I am confined to bed | 0.00 (0.00, 0.00) | 0.74 (-0.77, 1.48) | 0.26 (-0.40, 0.44) |
| Missing | 0.80 (-0.65, 1.33) | 1.07 (-0.16, 1.64) | 5.90 (-2.70, 8.47) |
| EQ-5D self-care at 30 day follow-up | | | |
| I have no problems with self-care | 0.96 (0.13, 1.28) | 1.07 (0.94, 1.17) | 1.11 (0.75, 1.35) |
| I have some problems bathing or dressing myself | 0.59 (-0.41, 1.18) | 0.00 (0.00, 0.00) | 2.31 (-1.92, 3.89) |
| I am unable to bathe or dress myself | | 0.72 (-1.71, 1.45) | 0.26 (-0.26, 0.43) |
| Missing | 0.80 (-0.65, 1.33) | 1.07 (-0.16, 1.64) | 5.90 (-2.70, 8.47) |
| EQ-5D usual activities at 30 day follow-up | | | |
| I have no problems in performing my usual activities | 0.75 (0.58, 0.96) | 1.04 (0.90, 1.15) | 1.14 (0.76, 1.38) |
| I have some problems in performing my usual activities | | 0.36 (-1.28, 0.72) | 0.63 (-0.64, 0.99) |
| I am unable to perform my usual activities | | 0.72 (-1.71, 1.45) | 0.71 (-1.35, 1.23) |
| Missing | 0.80 (-0.65, 1.33) | 1.07 (-0.16, 1.64) | 5.90 (-2.70, 8.47) |
| EQ-5D pain/discomfort at 30 day follow-up | | | |
| I have no pain or discomfort | 1.19 (-0.69, 1.69) | 1.12 (0.86, 1.31) | 1.07 (0.75, 1.26) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|---|---------------------|--------------------|-------------------------------|
| I have moderate pain or discomfort | 0.61 (-0.60, 1.11) | 0.67 (-0.50, 1.11) | 0.73 (-0.26, 1.10) |
| I have extreme pain or discomfort | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (-0.65, 1.33) | 1.07 (-0.16, 1.64) | 5.90 (-2.70, 8.47) |
| EQ-5D anxiety/depression at 30 day follow-up | | | |
| I am not anxious or depressed | 0.85 (0.70, 1.03) | 1.13 (0.97, 1.27) | 0.98 (0.88, 1.04) |
| I am moderately anxious or depressed | | 0.28 (-0.98, 0.57) | 1.22 (0.04, 2.44) |
| I am extremely anxious or depressed | | 0.00 (0.00, 0.00) | |
| Missing | 0.80 (-0.65, 1.33) | 1.07 (-0.16, 1.64) | 5.90 (-2.70, 8.47) |
| Patient satisfaction | | | |
| Very satisfied | 1.23 (0.37, 1.64) | 1.29 (1.00, 1.46) | 1.04 (0.70, 1.26) |
| Somewhat satisfied | 0.36 (-0.72, 0.72) | 0.36 (-0.39, 0.64) | 0.61 (-0.15, 0.89) |
| Somewhat dissatisfied | | 0.00 (0.00, 0.00) | 1.22 (-1.84, 2.00) |
| Very dissatisfied | | 0.00 (0.00, 0.00) | 2.23 (0.67, 4.05) |
| Missing | 2.00 (-3.00, 3.67) | 0.50 (-1.50, 1.00) | 11.50 (-6.00, 19.00) |
| Number of hospitalizations for this injury | | | |
| Missing | 0.30 (-0.40, 0.60) | 1.38 (-1.00, 2.25) | 17.00 (-8.00, 28.38) |
| EQ-5D health state at discharge | | | |
| Missing | 2.00 (-5.00, 3.29) | 1.19 (-0.07, 1.77) | 4.80 (-3.15, 7.03) |
| EQ-5D health state at 30 day follow-up | | | |
| | 0.83 (0.08, 0.91) | 1.00 (0.89, 1.00) | 8.30 (5.49, 16.15) |

| Outcome | ATLS, N = 28 | PTC, N = 73 | Standard care, N = 161 |
|--------------------------|---------------------|--------------------|-------------------------------|
| Missing | 0.80 (-0.65, 1.33) | 1.13 (-0.03, 1.73) | 4.36 (-0.28, 6.09) |
| Cost of treatment | 0.71 (-0.89, 1.43) | 0.74 (-0.52, 1.31) | 0.18 (-5.14, 0.32) |
| Missing | 1.50 (-0.22, 2.25) | 1.17 (0.10, 1.73) | 3.91 (1.45, 5.25) |

Post training outcome Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|----------------------------|----------------------------|
| 30 day mortality | | |
| Yes | 12.20 (5.40, 42.50) | 4.21 (-2.20, 8.42) |
| No | -12.00 (-42.00, -5.00) | 0.88 (0.52, 0.94) |
| Missing | 24.00 (19.00, 76.00) | 13.00 (2.00, 25.97) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 5.00 (1.00, 19.00) | 3.50 (-1.00, 6.91) |
| In-hospital mortality | | |
| Yes | 8.30 (2.70, 29.80) | 3.24 (-3.14, 6.49) |
| No | -8.00 (-29.00, -2.00) | 0.92 (0.68, 0.97) |
| Missing | 1.00 (-2.00, 6.00) | 2.00 (1.00, 4.00) |
| Self-ambulatory at discharge | | |
| Yes | -1.00 (-8.00, 4.00) | 0.99 (0.92, 1.04) |
| No | 1.50 (-2.60, 8.90) | Inf (Inf, Inf) |
| Missing | 20.00 (11.00, 68.00) | 6.00 (-13.40, 11.97) |
| Return to work | | |
| Yes | -5.00 (-40.00, 20.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-----------------------|---------------------|
| | | 0.91 (0.17, 1.22) |
| No | 5.00 (-19.97, 40.00) | 1.12 (-0.13, 1.81) |
| Missing | 47.00 (37.00, 148.00) | 6.22 (4.16, 12.31) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 28.00 (20.00, 90.00) | 6.60 (2.45, 13.08) |
| Septic complication | | |
| Yes | 0.80 (-4.69, 8.50) | Inf (Inf, Inf) |
| No | -1.00 (-9.00, 4.00) | 0.99 (0.90, 1.04) |
| Missing | 28.00 (20.00, 90.00) | 6.60 (2.20, 13.08) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 27.00 (19.00, 87.00) | 6.40 (2.13, 12.68) |
| Coagulopathy | | |
| Yes | -4.30 (-15.99, 0.50) | 0.00 (0.00, 0.00) |
| No | 4.00 (-1.00, 15.00) | 1.04 (0.98, 1.15) |
| Missing | 27.00 (19.00, 87.00) | 6.40 (2.13, 12.68) |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (0.30, 9.59) | Inf (Inf, Inf) |
| No | -3.00 (-11.00, -1.00) | 0.97 (0.89, 0.99) |
| Missing | 36.00 (26.00, 115.00) | 7.00 (3.00, 13.90) |
| Failure of conservative management | | |
| No | 6.00 (-1.00, 22.00) | 1.07 (0.98, 1.23) |
| Yes | -6.30 (-22.59, 0.40) | 0.21 (-6.45, 0.42) |
| Missing | 41.00 (33.00, 128.00) | 14.67 (3.89, 29.29) |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -27.00 (-92.00, -14.00) | 0.70 (-0.27, 0.81) |
| I have some problems in walking | 8.00 (-5.20, 36.19) | 1.73 (-7.71, 3.45) |
| I am confined to bed | 19.00 (12.90, 61.70) | Inf (Inf, Inf) |
| Missing | 33.00 (22.00, 107.00) | 4.30 (1.85, 8.44) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -17.00 (-77.97, 11.00) | 0.75 (-0.48, 1.00) |
| I have some problems bathing or dressing myself | 20.00 (8.50, 70.29) | 2.82 (-3.66, 5.57) |
| I am unable to bathe or dress myself | -3.00 (-29.00, 16.39) | 0.86 (-8.79, 1.63) |
| Missing | 33.00 (22.00, 107.00) | 4.30 (1.85, 8.44) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -14.00 (-75.00, 21.00) | 0.77 (-0.63, 1.09) |
| I have some problems in performing my usual activities | 16.00 (-6.70, 69.80) | 1.73 (-7.72, 3.37) |
| I am unable to perform my usual activities | -2.00 (-21.20, 14.20) | 0.88 (-6.53, 1.66) |
| Missing | 33.00 (22.00, 107.00) | 4.30 (1.85, 8.44) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-101.00, 1.00) | 0.50 (-2.32, 0.71) |
| I have moderate pain or discomfort | -15.00 (-57.00, 2.97) | 0.70 (-0.60, 0.94) |
| I have extreme pain or discomfort | 40.00 (34.00, 123.89) | Inf (Inf, Inf) |
| Missing | 33.00 (22.00, 107.00) | 4.30 (1.85, 8.44) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 9.00 (-2.00, 33.00) | 1.11 (0.94, 1.38) |
| I am moderately anxious or depressed | -10.20 (-36.89, 1.10) | 0.40 (-4.49, 0.80) |
| I am extremely anxious or depressed | 1.70 (-0.30, 7.10) | Inf (Inf, Inf) |
| Missing | 33.00 (22.00, 107.00) | 4.30 (1.85, 8.44) |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|---------------------|
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -3.00 (-35.00, 22.00) | 0.96 (0.51, 1.22) |
| I have some problems in walking | -3.00 (-29.97, 19.00) | 0.85 (-0.68, 1.70) |
| I am confined to bed | 5.90 (1.80, 20.80) | Inf (Inf, Inf) |
| Missing | 51.00 (42.00, 161.00) | 7.38 (5.08, 14.64) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -1.00 (-28.00, 24.00) | 0.99 (0.61, 1.24) |
| I have some problems bathing or dressing myself | 5.00 (-11.00, 30.00) | 1.50 (0.25, 3.00) |
| I am unable to bathe or dress myself | -4.10 (-20.19, 4.40) | 0.59 (-4.36, 1.18) |
| Missing | 51.00 (42.00, 161.00) | 7.38 (5.08, 14.64) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-14.00, 37.00) | 1.08 (0.79, 1.42) |
| I have some problems in performing my usual activities | -3.00 (-24.00, 12.00) | 0.80 (-7.82, 1.60) |
| I am unable to perform my usual activities | -3.10 (-18.20, 6.80) | 0.69 (-4.50, 1.38) |
| Missing | 51.00 (42.00, 161.00) | 7.38 (5.08, 14.64) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -1.00 (-19.97, 16.00) | 0.99 (0.73, 1.18) |
| I have moderate pain or discomfort | -1.00 (-19.00, 14.88) | 0.95 (-1.28, 1.60) |
| I have extreme pain or discomfort | 2.00 (-0.70, 8.30) | Inf (Inf, Inf) |
| Missing | 51.00 (42.00, 161.00) | 7.38 (5.08, 14.64) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 10.00 (0.00, 37.00) | 1.12 (0.96, 1.41) |
| I am moderately anxious or depressed | -11.10 (-40.08, -1.90) | 0.26 (-6.34, 0.52) |
| I am extremely anxious or depressed | 1.00 (-0.90, 4.80) | Inf (Inf, Inf) |

| Outcome | Absolute difference | Relative difference |
|---|-------------------------------|----------------------------|
| Missing | 51.00 (42.00, 161.00) | 7.38 (5.08, 14.64) |
| Patient satisfaction | | |
| Very satisfied | -9.00 (-48.97, 13.00) | 0.89 (0.31, 1.09) |
| Somewhat satisfied | 1.00 (-13.70, 17.00) | 1.08 (-4.66, 2.05) |
| Somewhat dissatisfied | 5.20 (-3.60, 24.37) | 2.24 (1.83, 4.48) |
| Very dissatisfied | 1.60 (-6.49, 12.50) | 1.38 (0.83, 2.76) |
| Missing | 19.00 (10.00, 65.00) | 5.75 (-13.50, 11.46) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 31.00 (24.03, 98.00) | 11.33 (1.87, 22.61) |
| EQ-5D health state at discharge | -15.00 (-110.00, 53.95) | 0.77 (-9.71, 1.47) |
| Missing | 38.00 (29.00, 120.00) | 4.80 (3.22, 9.41) |
| EQ-5D health state at 30 day follow-up | 0.00 (-50.00, 60.00) | 1.00 (0.00, 1.62) |
| Missing | 53.00 (44.00, 165.00) | 7.62 (5.54, 15.13) |
| Cost of treatment | -2500.00 (-13000.00, 4000.00) | 0.50 (-5.01, 0.87) |
| Missing | 69.00 (53.00, 224.00) | 4.29 (1.72, 8.42) |

Post training outcome Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------|----------------------------|----------------------------|
| 30 day mortality | | |
| Yes | 11.10 (3.20, 36.60) | 3.27 (-0.24, 6.53) |
| No | -11.00 (-36.00, -3.00) | 0.88 (0.59, 0.96) |
| Missing | 14.00 (-4.00, 51.97) | |

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|------------------------|---------------------|
| | | 2.17 (-25.69, 4.30) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -1.00 (-13.00, 7.00) | 0.88 (-9.25, 1.67) |
| In-hospital mortality | | |
| Yes | 7.90 (1.80, 26.70) | 2.93 (0.06, 5.85) |
| No | -8.00 (-27.00, -2.00) | 0.92 (0.70, 0.97) |
| Missing | 2.00 (0.00, 7.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 2.00 (0.00, 10.00) | 1.02 (1.00, 1.10) |
| No | -1.40 (-9.30, 1.40) | 0.52 (-4.53, 1.03) |
| Missing | 21.00 (13.00, 66.00) | 8.00 (-9.00, 15.95) |
| Return to work | | |
| Yes | -17.00 (-66.00, -6.00) | 0.76 (-0.24, 0.89) |
| No | 17.00 (6.00, 66.00) | 1.57 (0.80, 2.72) |
| Missing | 40.00 (21.00, 127.00) | 3.50 (-5.59, 6.83) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 23.00 (8.00, 75.97) | 3.30 (-10.40, 6.43) |
| Septic complication | | |
| Yes | -2.40 (-11.30, 0.39) | 0.25 (-5.40, 0.50) |
| No | 2.00 (-1.00, 10.00) | 1.02 (0.99, 1.10) |
| Missing | 23.00 (8.00, 76.00) | 3.30 (-10.40, 6.43) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Missing | 22.00 (8.00, 73.00) | 3.20 (-10.12, 6.23) |
| Coagulopathy | | |
| Yes | 0.00 (-7.39, 13.97) | |
| No | 0.00 (-13.97, 7.00) | 1.00 (0.84, 1.07) |
| Missing | 22.00 (8.00, 73.00) | 3.20 (-10.12, 6.23) |
| Need for reexploration or resurgery | | |
| Yes | 0.90 (-3.40, 5.30) | 1.56 (-0.76, 3.12) |
| No | -1.00 (-5.00, 3.00) | 0.99 (0.95, 1.03) |
| Missing | 32.00 (17.00, 101.00) | 4.20 (-7.27, 8.25) |
| Failure of conservative management | | |
| No | 0.00 (-19.00, 10.00) | 1.00 (0.77, 1.10) |
| Yes | 0.10 (-9.69, 19.20) | 1.06 (-3.83, 2.12) |
| Missing | 32.00 (12.00, 105.00) | 3.67 (-36.67, 7.26) |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -30.00 (-93.00, -20.00) | 0.67 (-0.20, 0.77) |
| I have some problems in walking | 14.00 (6.81, 48.10) | 3.80 (-1.10, 7.60) |
| I am confined to bed | 15.70 (5.40, 52.40) | 5.76 (-2.82, 11.52) |
| Missing | 30.00 (15.00, 96.97) | 3.31 (-1.71, 6.41) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -35.00 (-111.00, -26.03) | 0.59 (-0.71, 0.67) |
| I have some problems bathing or dressing myself | 22.70 (11.70, 70.90) | 3.73 (-0.12, 7.35) |
| I am unable to bathe or dress myself | 12.30 (1.21, 56.59) | 2.84 (-2.00, 5.59) |
| Missing | 30.00 (15.00, 96.97) | 3.31 (-1.71, 6.41) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -38.00 (-121.00, -30.00) | 0.55 (-0.99, 0.63) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I have some problems in performing my usual activities | 29.70 (22.71, 93.89) | 4.58 (1.00, 9.05) |
| I am unable to perform my usual activities | 8.30 (-2.39, 42.59) | 2.24 (-1.96, 4.38) |
| Missing | 30.00 (15.00, 96.97) | 3.31 (-1.71, 6.41) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -40.00 (-124.00, -32.00) | 0.38 (-2.10, 0.47) |
| I have moderate pain or discomfort | 5.00 (-17.00, 52.00) | 1.17 (0.41, 1.96) |
| I have extreme pain or discomfort | 35.00 (22.90, 110.39) | 8.00 (-9.85, 16.00) |
| Missing | 30.00 (15.00, 96.97) | 3.31 (-1.71, 6.41) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -3.00 (-35.00, 10.00) | 0.97 (0.50, 1.11) |
| I am moderately anxious or depressed | 1.80 (-14.08, 33.49) | 1.36 (-2.28, 2.72) |
| I am extremely anxious or depressed | 1.70 (-0.30, 6.00) | Inf (Inf, Inf) |
| Missing | 30.00 (15.00, 96.97) | 3.31 (-1.71, 6.41) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -21.00 (-75.97, -15.00) | 0.79 (0.03, 0.85) |
| I have some problems in walking | 17.00 (9.00, 69.00) | Inf (Inf, Inf) |
| I am confined to bed | 4.20 (-2.60, 15.30) | 3.47 (1.98, 6.94) |
| Missing | 44.00 (25.00, 138.97) | 3.93 (-7.13, 7.73) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -18.00 (-67.00, -12.00) | 0.81 (0.14, 0.88) |
| I have some problems bathing or dressing myself | 15.00 (10.02, 51.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 2.50 (-7.10, 24.79) | 1.74 (-1.54, 3.47) |
| Missing | 44.00 (25.00, 138.97) | 3.93 (-7.13, 7.73) |
| EQ-5D usual activities at 30 day follow-up | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| I have no problems in performing my usual activities | -14.00 (-63.00, -3.00) | 0.85 (0.09, 0.97) |
| I have some problems in performing my usual activities | 10.30 (3.60, 48.09) | 7.06 (5.71, 14.12) |
| I am unable to perform my usual activities | 3.50 (-5.10, 26.50) | 2.03 (-1.42, 4.06) |
| Missing | 44.00 (25.00, 138.97) | 3.93 (-7.13, 7.73) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -7.00 (-36.97, 4.00) | 0.92 (0.47, 1.04) |
| I have moderate pain or discomfort | 5.00 (-7.00, 33.97) | 1.36 (-0.64, 2.44) |
| I have extreme pain or discomfort | 2.00 (-0.70, 7.00) | Inf (Inf, Inf) |
| Missing | 44.00 (25.00, 138.97) | 3.93 (-7.13, 7.73) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -2.00 (-33.00, 11.97) | 0.98 (0.53, 1.13) |
| I am moderately anxious or depressed | 0.50 (-15.68, 30.10) | 1.15 (-2.89, 2.29) |
| I am extremely anxious or depressed | 1.00 (-0.90, 4.00) | Inf (Inf, Inf) |
| Missing | 44.00 (25.00, 138.97) | 3.93 (-7.13, 7.73) |
| Patient satisfaction | | |
| Very satisfied | -24.00 (-78.00, -19.00) | 0.74 (0.04, 0.80) |
| Somewhat satisfied | 8.30 (1.40, 35.59) | 2.46 (-0.17, 4.82) |
| Somewhat dissatisfied | 9.40 (4.83, 30.80) | Inf (Inf, Inf) |
| Very dissatisfied | 5.80 (2.50, 22.60) | Inf (Inf, Inf) |
| Missing | 20.00 (12.03, 62.97) | 7.67 (-7.67, 15.28) |
| Number of hospitalizations for this injury | | |
| Missing | 23.00 (6.00, 77.97) | 3.09 (-28.56, 6.10) |
| EQ-5D health state at discharge | | |
| Missing | -40.00 (-120.00, -10.00) | 0.56 (-0.69, 1.03) |
| Missing | 29.00 (8.00, 96.97) | 2.53 (-4.28, 4.83) |

| Outcome | Absolute difference | Relative difference |
|---|------------------------------|---------------------|
| EQ-5D health state at 30 day follow-up | -17.00 (-60.95, 21.00) | 0.83 (0.29, 1.28) |
| Missing | 44.00 (23.00, 140.00) | 3.59 (-8.42, 7.02) |
| Cost of treatment | 1000.00 (-4822.13, 16000.00) | 1.67 (-3.33, 3.27) |
| Missing | 69.00 (54.00, 214.00) | 4.29 (1.72, 8.38) |

Post training outcome ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-----------------------|---------------------|
| 30 day mortality | | |
| Yes | -1.10 (-21.20, 14.38) | 0.78 (-4.23, 1.55) |
| No | 1.00 (-14.97, 21.00) | 1.01 (0.82, 1.22) |
| Missing | -10.00 (-51.00, 4.97) | 0.17 (-28.67, 0.33) |
| 24 hour mortality | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -6.00 (-23.00, -3.00) | 0.25 (-10.50, 0.50) |
| In-hospital mortality | | |
| Yes | -0.40 (-14.80, 11.20) | 0.90 (-3.47, 1.80) |
| No | 0.00 (-12.00, 14.00) | 1.00 (0.86, 1.14) |
| Missing | 1.00 (-2.00, 5.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (1.00, 13.00) | 1.03 (1.01, 1.13) |
| No | -2.90 (-12.40, -1.20) | 0.00 (-4.64, 0.00) |
| Missing | 1.00 (-25.97, 26.00) | 1.33 (-16.80, 2.62) |
| Return to work | | |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Yes | -12.00 (-56.00, 5.00) | 0.83 (-0.13, 1.04) |
| No | 12.00 (-5.00, 56.97) | 1.40 (0.47, 2.39) |
| Missing | -7.00 (-73.00, 34.00) | 0.56 (-10.87, 0.98) |
| Pulmonary complication | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-46.00, 20.00) | 0.50 (-16.50, 0.89) |
| Septic complication | | |
| Yes | -3.20 (-13.90, -0.80) | 0.00 (-6.58, 0.00) |
| No | 3.00 (1.00, 13.00) | 1.03 (1.01, 1.13) |
| Missing | -5.00 (-47.00, 20.00) | 0.50 (-16.50, 0.89) |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | -5.00 (-46.00, 19.00) | 0.50 (-16.00, 0.89) |
| Coagulopathy | | |
| Yes | 4.30 (-0.50, 22.57) | Inf (Inf, Inf) |
| No | -4.00 (-21.97, 1.00) | 0.96 (0.76, 1.01) |
| Missing | -5.00 (-46.00, 19.00) | 0.50 (-16.00, 0.89) |
| Need for reexploration or resurgery | | |
| Yes | -1.60 (-8.70, 0.30) | 0.00 (-2.60, 0.00) |
| No | 2.00 (1.00, 9.97) | 1.02 (1.01, 1.10) |
| Missing | -4.00 (-54.00, 30.00) | 0.60 (-14.47, 1.08) |
| Failure of conservative management | | |
| No | -6.00 (-31.00, 1.00) | 0.94 (0.64, 1.01) |
| Yes | 6.40 (-0.39, 31.80) | 5.00 (1.88, 10.00) |
| Missing | -9.00 (-68.00, 24.00) | 0.25 (-40.99, 0.46) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -3.00 (-40.00, 33.00) | 0.97 (0.37, 1.35) |
| I have some problems in walking | 6.00 (-8.70, 33.00) | 2.20 (-2.64, 4.40) |
| I am confined to bed | -3.30 (-32.57, 14.40) | 0.00 (-11.63, 0.00) |
| Missing | -3.00 (-49.00, 30.97) | 0.77 (-6.13, 1.35) |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -18.00 (-77.00, 4.00) | 0.79 (-0.33, 1.04) |
| I have some problems bathing or dressing myself | 2.70 (-26.40, 30.59) | 1.33 (-5.15, 2.65) |
| I am unable to bathe or dress myself | 15.30 (3.30, 62.60) | 3.28 (-1.71, 6.49) |
| Missing | -3.00 (-49.00, 30.97) | 0.77 (-6.13, 1.35) |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -24.00 (-93.00, -5.00) | 0.72 (-0.66, 0.93) |
| I have some problems in performing my usual activities | 13.70 (-8.30, 61.59) | 2.65 (-3.13, 5.19) |
| I am unable to perform my usual activities | 10.30 (0.40, 47.29) | 2.54 (-2.29, 5.00) |
| Missing | -3.00 (-49.00, 30.97) | 0.77 (-6.13, 1.35) |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -15.00 (-73.00, 16.00) | 0.77 (-1.27, 1.21) |
| I have moderate pain or discomfort | 20.00 (7.00, 83.00) | 1.67 (1.08, 2.97) |
| I have extreme pain or discomfort | -5.00 (-56.99, 31.97) | 0.00 (-21.84, 0.00) |
| Missing | -3.00 (-49.00, 30.97) | 0.77 (-6.13, 1.35) |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -12.00 (-53.97, -1.03) | 0.87 (0.30, 0.99) |
| I am moderately anxious or depressed | 12.00 (1.31, 54.00) | 3.40 (-0.82, 6.80) |
| I am extremely anxious or depressed | 0.00 (-3.70, 2.60) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| Missing | -3.00 (-49.00, 30.97) | 0.77 (-6.13, 1.35) |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -18.00 (-68.97, -9.00) | 0.82 (0.14, 0.91) |
| I have some problems in walking | 20.00 (12.03, 73.00) | Inf (Inf, Inf) |
| I am confined to bed | -1.70 (-13.40, 3.69) | 0.00 (-3.83, 0.00) |
| Missing | -7.00 (-76.00, 38.00) | 0.53 (-12.68, 0.94) |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -17.00 (-66.00, -9.00) | 0.82 (0.16, 0.90) |
| I have some problems bathing or dressing myself | 10.00 (1.00, 43.00) | Inf (Inf, Inf) |
| I am unable to bathe or dress myself | 6.60 (0.20, 33.08) | 2.94 (0.83, 5.88) |
| Missing | -7.00 (-76.00, 38.00) | 0.53 (-12.68, 0.94) |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -20.00 (-77.00, -12.00) | 0.79 (-0.07, 0.87) |
| I have some problems in performing my usual activities | 13.30 (5.91, 55.59) | 8.82 (8.73, 17.65) |
| I am unable to perform my usual activities | 6.60 (0.20, 32.40) | 2.94 (0.94, 5.88) |
| Missing | -7.00 (-76.00, 38.00) | 0.53 (-12.68, 0.94) |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -6.00 (-35.97, 6.00) | 0.93 (0.50, 1.06) |
| I have moderate pain or discomfort | 6.00 (-5.30, 35.00) | 1.43 (-0.39, 2.61) |
| I have extreme pain or discomfort | 0.00 (-4.30, 3.00) | |
| Missing | -7.00 (-76.00, 38.00) | 0.53 (-12.68, 0.94) |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -12.00 (-53.00, -3.00) | 0.88 (0.33, 0.96) |
| I am moderately anxious or depressed | 11.60 (2.20, 52.30) | 4.41 (-0.12, 8.82) |

| Outcome | Absolute difference | Relative difference |
|---|------------------------------|---------------------|
| I am extremely anxious or depressed | 0.00 (-2.80, 2.00) | |
| Missing | -7.00 (-76.00, 38.00) | 0.53 (-12.68, 0.94) |
| Patient satisfaction | | |
| Very satisfied | -15.00 (-59.00, -1.00) | 0.84 (0.25, 0.98) |
| Somewhat satisfied | 7.30 (-0.40, 34.30) | 2.28 (-0.44, 4.46) |
| Somewhat dissatisfied | 4.20 (-4.60, 21.40) | Inf (Inf, Inf) |
| Very dissatisfied | 4.20 (-0.70, 20.40) | Inf (Inf, Inf) |
| Missing | 1.00 (-24.00, 25.00) | 1.33 (-14.33, 2.62) |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | -8.00 (-56.00, 16.97) | 0.27 (-31.20, 0.49) |
| EQ-5D health state at discharge | -25.00 (-90.00, 10.00) | 0.72 (-0.36, 1.34) |
| Missing | -9.00 (-66.00, 23.00) | 0.53 (-7.45, 0.87) |
| EQ-5D health state at 30 day follow-up | -17.00 (-59.00, 7.95) | 0.83 (0.28, 1.10) |
| Missing | -9.00 (-82.00, 36.00) | 0.47 (-13.46, 0.82) |
| Cost of treatment | 3500.00 (-2800.00, 21400.00) | 3.33 (-1.18, 6.66) |
| Missing | 0.00 (-84.00, 75.97) | 1.00 (-4.87, 1.81) |

Change from baseline Standard care vs. ATLS

| Outcome | Absolute difference | Relative difference |
|--------------------------|-----------------------|---------------------|
| 30 day mortality | | |
| Yes | 9.60 (-8.80, 48.39) | |
| No | -9.00 (-47.00, 10.00) | |
| Missing | 23.00 (13.00, 76.00) | |
| 24 hour mortality | | |
| Yes | -2.40 (-11.30, 1.70) | -Inf (-Inf, -Inf) |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|----------------------|
| No | 2.00 (-2.97, 11.00) | Inf (Inf, Inf) |
| Missing | 7.00 (2.00, 25.00) | |
| In-hospital mortality | | |
| Yes | 3.40 (-12.29, 25.69) | 2.00 (1.00, 4.00) |
| No | -3.00 (-24.00, 13.00) | |
| Missing | 1.00 (-2.00, 6.00) | |
| Self-ambulatory at discharge | | |
| Yes | -4.00 (-22.97, 8.00) | |
| No | 4.70 (-6.60, 24.29) | |
| Missing | 22.00 (8.00, 79.00) | |
| Return to work | | |
| Yes | 37.00 (16.00, 122.00) | |
| No | -37.00 (-121.97, -16.00) | |
| Missing | 45.00 (30.00, 148.00) | |
| Pulmonary complication | | |
| Yes | 0.00 (-6.10, 5.60) | |
| No | 0.00 (-6.00, 6.00) | |
| Missing | 32.00 (19.00, 106.00) | |
| Septic complication | | |
| Yes | -1.70 (-11.70, 6.19) | |
| No | 1.00 (-8.00, 10.00) | |
| Missing | 33.00 (20.00, 110.97) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 31.00 (18.00, 104.00) | |
| Coagulopathy | | |
| Yes | -4.30 (-15.99, 0.50) | 0.00 (0.00, 0.00) |
| No | 4.00 (-1.00, 15.00) | -0.00 (-0.00, -0.00) |
| Missing | 32.00 (19.00, 107.00) | |
| Need for reexploration or resurgery | | |
| Yes | 2.50 (-2.60, 12.80) | 20.50 (-3.00, 83.00) |
| No | -3.00 (-14.00, 2.00) | |
| Missing | 39.00 (24.00, 129.97) | |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|---------------------|
| Failure of conservative management | | |
| No | 6.00 (-2.00, 22.00) | |
| Yes | -6.30 (-22.99, 1.50) | |
| Missing | 49.00 (40.00, 152.97) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -22.00 (-77.97, -5.00) | |
| I have some problems in walking | -1.70 (-28.20, 19.29) | |
| I am confined to bed | 23.00 (4.01, 77.00) | |
| Missing | 35.00 (12.03, 126.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -18.00 (-73.97, 2.00) | |
| I have some problems bathing or dressing myself | 22.00 (6.00, 80.00) | |
| I am unable to bathe or dress myself | -4.00 (-34.09, 20.29) | |
| Missing | 35.00 (12.03, 126.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -18.00 (-75.97, 4.00) | |
| I have some problems in performing my usual activities | 13.00 (-11.10, 60.30) | |
| I am unable to perform my usual activities | 5.00 (-16.97, 32.69) | |
| Missing | 35.00 (12.03, 126.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -25.00 (-108.00, 9.00) | |
| I have moderate pain or discomfort | 11.00 (-26.97, 69.97) | |
| I have extreme pain or discomfort | 14.00 (0.90, 53.20) | |
| Missing | 35.00 (12.03, 126.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -20.00 (-71.00, 0.00) | 0.39 (-6.55, 1.19) |
| I am moderately anxious or depressed | 21.80 (1.62, 76.09) | 0.34 (-6.49, 0.94) |
| I am extremely anxious or depressed | -0.90 (-9.50, 5.70) | |
| Missing | 35.00 (12.03, 126.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | -1.00 (-33.97, 35.97) | |
| I have some problems in walking | 1.00 (-26.49, 32.58) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| I am confined to bed | -0.10 (-34.49, 30.59) | |
| Missing | 51.00 (37.00, 165.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 11.00 (-11.97, 51.97) | |
| I have some problems bathing or dressing myself | 15.50 (0.41, 59.80) | |
| I am unable to bathe or dress myself | -27.10 (-88.79, -18.80) | |
| Missing | 51.00 (37.00, 165.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 35.00 (22.00, 114.00) | |
| I have some problems in performing my usual activities | -22.00 (-71.89, -8.00) | |
| I am unable to perform my usual activities | -12.80 (-46.69, -3.81) | |
| Missing | 51.00 (37.00, 165.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -8.00 (-46.00, 22.95) | |
| I have moderate pain or discomfort | 6.00 (-24.96, 42.00) | |
| I have extreme pain or discomfort | 2.00 (-5.20, 12.49) | |
| Missing | 51.00 (37.00, 165.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | 13.00 (-4.00, 54.00) | |
| I am moderately anxious or depressed | -14.30 (-54.09, -0.50) | |
| I am extremely anxious or depressed | 1.00 (-5.80, 9.30) | |
| Missing | 51.00 (37.00, 165.00) | |
| Patient satisfaction | | |
| Very satisfied | -12.00 (-59.00, 12.00) | |
| Somewhat satisfied | 14.00 (-5.69, 54.95) | 0.39 (-10.28, 5.74) |
| Somewhat dissatisfied | -2.50 (-20.60, 9.79) | |
| Very dissatisfied | -1.00 (-21.29, 17.70) | |
| Missing | 19.00 (5.00, 70.00) | |
| Number of hospitalizations for this injury | 0.00 (0.00, 0.00) | |
| Missing | 39.00 (31.00, 122.00) | |
| EQ-5D health state at discharge | -5.00 (-75.00, 55.00) | |
| Missing | 33.00 (15.00, 115.00) | |

| Outcome | Absolute difference | Relative difference |
|---|--------------------------------|----------------------|
| EQ-5D health state at 30 day follow-up | 90.00 (89.00, 270.00) | |
| Missing | 49.00 (34.00, 157.97) | |
| Cost of treatment | -9500.00 (-61516.01, 25461.93) | |
| Missing | 60.00 (36.00, 203.00) | 9.57 (-48.86, 55.66) |

Change from baseline Standard care vs. PTC

| Outcome | Absolute difference | Relative difference |
|-------------------------------------|-------------------------|----------------------|
| 30 day mortality | | |
| Yes | 18.50 (10.63, 59.30) | |
| No | -18.00 (-58.00, -10.03) | |
| Missing | 19.00 (6.00, 62.00) | |
| 24 hour mortality | | |
| Yes | -2.40 (-9.10, 1.70) | -Inf (-Inf, -Inf) |
| No | 2.00 (-2.97, 8.00) | Inf (Inf, Inf) |
| Missing | 4.00 (-5.00, 16.00) | |
| In-hospital mortality | | |
| Yes | 10.00 (4.71, 36.40) | |
| No | -10.00 (-36.00, -5.00) | |
| Missing | 2.00 (0.00, 7.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 3.00 (-8.00, 29.00) | |
| No | -2.40 (-28.09, 9.50) | |
| Missing | 27.00 (20.00, 81.97) | |
| Return to work | | |
| Yes | 16.00 (-39.02, 76.00) | |
| No | -16.00 (-76.00, 39.05) | |
| Missing | 43.00 (26.00, 135.00) | |
| Pulmonary complication | | |
| Yes | 2.20 (-0.60, 10.00) | -0.00 (-0.00, -0.00) |
| No | -2.00 (-10.00, 1.00) | 0.00 (0.00, 0.00) |

| Outcome | Absolute difference | Relative difference |
|--|----------------------------|----------------------------|
| Missing | 32.00 (21.00, 100.00) | |
| Septic complication | | |
| Yes | -0.50 (-7.50, 7.80) | |
| No | 0.00 (-9.00, 7.00) | |
| Missing | 34.00 (23.00, 106.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 32.00 (21.00, 100.00) | |
| Coagulopathy | | |
| Yes | 0.00 (-7.39, 13.97) | |
| No | 0.00 (-13.97, 7.00) | |
| Missing | 33.00 (22.03, 103.00) | |
| Need for reexploration or resurgery | | |
| Yes | 3.00 (0.20, 11.60) | |
| No | -3.00 (-12.00, 0.00) | |
| Missing | 41.00 (30.00, 126.00) | |
| Failure of conservative management | | |
| No | -2.00 (-25.00, 7.00) | |
| Yes | 2.30 (-6.40, 25.60) | |
| Missing | 41.00 (21.00, 131.97) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | -9.00 (-48.00, 36.00) | |
| I have some problems in walking | 8.00 (-7.50, 45.07) | |
| I am confined to bed | -0.40 (-53.29, 29.79) | |
| Missing | 44.00 (36.00, 134.97) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | -14.00 (-62.00, 24.97) | |
| I have some problems bathing or dressing myself | 19.70 (-5.70, 70.29) | |
| I am unable to bathe or dress myself | -6.40 (-49.80, 21.20) | |
| Missing | 44.00 (36.00, 134.97) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | -16.00 (-67.00, 22.00) | |
| I have some problems in performing my usual activities | 16.70 (-7.60, 67.79) | |
| | 0.10 (-40.60, 27.69) | |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|---------------------|
| I am unable to perform my usual activities | | |
| Missing | 44.00 (36.00, 134.97) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -39.00 (-129.97, -23.00) | |
| I have moderate pain or discomfort | 27.00 (8.00, 104.00) | |
| I have extreme pain or discomfort | 11.40 (-6.19, 41.39) | |
| Missing | 44.00 (36.00, 134.97) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | -9.00 (-47.97, 31.97) | 0.59 (-4.45, 1.59) |
| I am moderately anxious or depressed | 7.80 (-35.29, 44.80) | 0.59 (-4.51, 1.61) |
| I am extremely anxious or depressed | 1.50 (-2.30, 10.50) | |
| Missing | 44.00 (36.00, 134.97) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 5.00 (-33.00, 60.02) | |
| I have some problems in walking | 11.00 (-17.02, 59.20) | |
| I am confined to bed | -16.50 (-80.30, -2.29) | |
| Missing | 48.00 (30.00, 150.00) | |
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | 2.00 (-40.00, 41.00) | |
| I have some problems bathing or dressing myself | 13.20 (-24.22, 53.40) | |
| I am unable to bathe or dress myself | -15.80 (-58.40, 10.02) | |
| Missing | 48.00 (30.00, 150.00) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | 6.00 (-45.02, 52.00) | |
| I have some problems in performing my usual activities | -4.00 (-36.00, 33.01) | |
| I am unable to perform my usual activities | -1.50 (-20.70, 26.21) | |
| Missing | 48.00 (30.00, 150.00) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | -4.00 (-50.00, 44.00) | |

| Outcome | Absolute difference | Relative difference |
|---|---------------------------------|---------------------|
| I have moderate pain or discomfort | 0.00 (-51.00, 41.00) | |
| I have extreme pain or discomfort | 4.30 (1.40, 15.70) | |
| Missing | 48.00 (30.00, 150.00) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -13.00 (-68.00, 2.00) | |
| I am moderately anxious or depressed | 9.30 (-7.82, 57.80) | |
| I am extremely anxious or depressed | 3.30 (0.70, 13.40) | |
| Missing | 48.00 (30.00, 150.00) | |
| Patient satisfaction | | |
| Very satisfied | -18.00 (-70.00, 3.97) | |
| Somewhat satisfied | 1.30 (-42.89, 27.58) | |
| Somewhat dissatisfied | 5.60 (-1.59, 28.69) | |
| Very dissatisfied | 11.00 (5.00, 43.00) | |
| Missing | 24.00 (18.00, 73.00) | |
| Number of hospitalizations for this injury | 0.00 (-0.50, 0.00) | |
| Missing | 29.00 (8.00, 96.00) | |
| EQ-5D health state at discharge | -10.00 (-80.97, 45.00) | |
| Missing | 35.00 (22.00, 109.97) | |
| EQ-5D health state at 30 day follow-up | 73.00 (45.00, 226.00) | |
| Missing | 45.00 (26.00, 142.00) | |
| Cost of treatment | -10975.00 (-44272.87, 21050.00) | |
| Missing | 64.00 (48.03, 198.00) | |

Change from baseline ATLS vs. PTC

| Outcome | Absolute difference | Relative difference |
|--------------------------|-----------------------|---------------------|
| 30 day mortality | | |
| Yes | 8.90 (-4.60, 38.69) | |
| No | -9.00 (-38.97, 4.00) | |
| Missing | -4.00 (-40.00, 17.00) | |
| 24 hour mortality | | |
| Yes | 0.00 (-4.30, 6.50) | |

| Outcome | Absolute difference | Relative difference |
|--|------------------------|----------------------|
| No | 0.00 (-7.00, 4.00) | |
| Missing | -3.00 (-18.00, 4.00) | |
| In-hospital mortality | | |
| Yes | 6.60 (-1.90, 29.10) | |
| No | -7.00 (-30.00, 1.00) | |
| Missing | 1.00 (-2.00, 5.00) | Inf (Inf, Inf) |
| Self-ambulatory at discharge | | |
| Yes | 7.00 (-2.00, 38.97) | |
| No | -7.10 (-38.98, 1.20) | |
| Missing | 5.00 (-22.00, 38.00) | |
| Return to work | | |
| Yes | -21.00 (-115.02, 7.00) | |
| No | 21.00 (-7.00, 115.02) | |
| Missing | -2.00 (-62.00, 45.00) | |
| Pulmonary complication | | |
| Yes | 2.20 (-0.60, 10.50) | -0.00 (-0.00, -0.00) |
| No | -2.00 (-10.00, 1.00) | 0.00 (0.00, 0.00) |
| Missing | 0.00 (-42.00, 36.00) | |
| Septic complication | | |
| Yes | 1.20 (-5.00, 10.30) | |
| No | -1.00 (-10.00, 5.00) | |
| Missing | 1.00 (-41.00, 40.00) | |
| Renal failure | | |
| Yes | 0.00 (0.00, 0.00) | |
| No | 0.00 (0.00, 0.00) | |
| Missing | 1.00 (-38.00, 38.00) | |
| Coagulopathy | | |
| Yes | 4.30 (-0.50, 22.57) | Inf (Inf, Inf) |
| No | -4.00 (-21.97, 1.00) | -Inf (-Inf, -Inf) |
| Missing | 1.00 (-40.00, 38.00) | |
| Need for reexploration or resurgery | | |
| Yes | 0.50 (-4.70, 6.50) | |
| No | 0.00 (-5.97, 6.00) | |
| Missing | 2.00 (-46.00, 46.97) | |
| Failure of conservative management | | |
| No | -8.00 (-37.00, -1.00) | |

| Outcome | Absolute difference | Relative difference |
|--|-------------------------|---------------------|
| Yes | 8.60 (1.80, 38.41) | |
| Missing | -8.00 (-75.97, 36.00) | |
| EQ-5D mobility at discharge | | |
| I have no problems in walking | 13.00 (-12.00, 78.00) | |
| I have some problems in walking | 9.70 (-7.30, 49.89) | |
| I am confined to bed | -23.40 (-100.20, -4.12) | |
| Missing | 9.00 (-31.00, 61.00) | |
| EQ-5D self-care at discharge | | |
| I have no problems with self-care | 4.00 (-32.00, 59.00) | |
| I have some problems bathing or dressing myself | -2.30 (-47.90, 25.38) | |
| I am unable to bathe or dress myself | -2.40 (-41.78, 30.20) | |
| Missing | 9.00 (-31.00, 61.00) | |
| EQ-5D usual activities at discharge | | |
| I have no problems in performing my usual activities | 2.00 (-37.00, 57.00) | |
| I have some problems in performing my usual activities | 3.70 (-38.55, 43.70) | |
| I am unable to perform my usual activities | -4.90 (-47.78, 19.90) | |
| Missing | 9.00 (-31.00, 61.00) | |
| EQ-5D pain/discomfort at discharge | | |
| I have no pain or discomfort | -14.00 (-83.97, 30.88) | |
| I have moderate pain or discomfort | 16.00 (-12.97, 85.97) | |
| I have extreme pain or discomfort | -2.60 (-32.20, 14.48) | |
| Missing | 9.00 (-31.00, 61.00) | |
| EQ-5D anxiety/depression at discharge | | |
| I am not anxious or depressed | 11.00 (-22.00, 74.97) | 1.50 (-3.36, 3.94) |
| I am moderately anxious or depressed | -14.00 (-80.90, 16.48) | 1.74 (-4.56, 4.17) |
| I am extremely anxious or depressed | 2.40 (-0.40, 12.30) | |
| Missing | 9.00 (-31.00, 61.00) | |
| EQ-5D mobility at 30 day follow-up | | |
| I have no problems in walking | 6.00 (-33.05, 60.00) | 1.86 (-4.29, 9.05) |
| I have some problems in walking | 10.00 (-18.01, 59.00) | |
| I am confined to bed | -16.40 (-81.13, 1.00) | |
| Missing | -3.00 (-71.00, 48.97) | |

| Outcome | Absolute difference | Relative difference |
|--|--------------------------|---------------------|
| EQ-5D self-care at 30 day follow-up | | |
| I have no problems with self-care | -9.00 (-60.00, 19.00) | |
| I have some problems bathing or dressing myself | -2.30 (-53.50, 24.90) | |
| I am unable to bathe or dress myself | 11.30 (-5.22, 65.40) | |
| Missing | -3.00 (-71.00, 48.97) | |
| EQ-5D usual activities at 30 day follow-up | | |
| I have no problems in performing my usual activities | -29.00 (-116.00, -14.00) | |
| I have some problems in performing my usual activities | 18.00 (5.89, 77.21) | |
| I am unable to perform my usual activities | 11.30 (1.69, 52.20) | |
| Missing | -3.00 (-71.00, 48.97) | |
| EQ-5D pain/discomfort at 30 day follow-up | | |
| I have no pain or discomfort | 4.00 (-36.02, 61.00) | |
| I have moderate pain or discomfort | -6.00 (-65.00, 32.05) | |
| I have extreme pain or discomfort | 2.30 (-0.90, 11.60) | |
| Missing | -3.00 (-71.00, 48.97) | |
| EQ-5D anxiety/depression at 30 day follow-up | | |
| I am not anxious or depressed | -26.00 (-95.00, -16.98) | |
| I am moderately anxious or depressed | 23.60 (13.10, 88.11) | |
| I am extremely anxious or depressed | 2.30 (-0.40, 11.60) | |
| Missing | -3.00 (-71.00, 48.97) | |
| Patient satisfaction | | |
| Very satisfied | -6.00 (-47.00, 27.00) | |
| Somewhat satisfied | -12.70 (-69.19, 8.38) | |
| Somewhat dissatisfied | 8.10 (2.60, 35.20) | |
| Very dissatisfied | 12.00 (6.60, 45.19) | |
| Missing | 5.00 (-18.00, 35.00) | |
| Number of hospitalizations for this injury | | |
| Missing | -10.00 (-69.00, 20.00) | |
| EQ-5D health state at discharge | | |
| Missing | -5.00 (-65.00, 50.00) | |
| Missing | 2.00 (-43.00, 43.00) | |
| EQ-5D health state at 30 day follow-up | | |
| Missing | -17.00 (-135.00, 46.00) | |
| Missing | -4.00 (-71.97, 45.00) | |

| Outcome | Absolute difference | Relative difference |
|-------------------|--------------------------------|---------------------|
| Cost of treatment | -1475.00 (-21499.13, 42050.00) | |
| Missing | 4.00 (-71.97, 79.97) | |