TABLE E-1 Characteristics of Injuries in Patients with Salvaged Limb(s)

		Patients with Bilateral Injuries and One or Both Limbs Salvaged	
	Unilateral Salvage	Right Limb Salvaged	Left Limb Salvaged
No. of limbs salvaged	126	32	30
No. of bone segments injured			
1	90 (71.4%)	18 (56.3%)	17 (56.7%)
2	26 (20.6%)	9 (28.1%)	9 (30.0%)
≥3	10 (7.9%)	5 (15.6%)	4 (13.3%)
Bone segment injured*			
Femur			
Proximal	8 (6.3%)	2 (6.2%)	1 (3.3%)
Diaphysis	15 (11.9%)	7 (21.9%)	7 (23.3%)
Distal	18 (14.3%)	1 (3.1%)	6 (20.0%)
Joint	1 (0.8%)	0 (0.0%)	0 (0.0%)
Patella	5 (4.0%)	1 (3.1%)	2 (6.7%)
Tibia/fibula			
Proximal	20 (15.9%)	5 (15.6%)	10 (33.3%)
Diaphysis	53 (42.1%)	16 (50.0%)	13 (43.3%)
Distal	26 (20.6%)	9 (28.1%)	3 (10.0%)
Malleolar	7 (5.6%)	2 (6.2%)	2 (6.7%)
Foot			
Talus	6 (4.8%)	3 (9.4%)	0 (0.0%)
Calcaneus	9 (7.1%)	4 (12.5%)	2 (6.7%)
Midfoot	8 (6.3%)	0 (0.0%)	1 (3.3%)
Midtarsal (Chopart)	0 (0.0%)	1 (3.1%)	0 (0.0%)
Metatarsals	5 (4.0%)	1 (3.1%)	2 (6.7%)
No. of METALS criteria met per lower limb†			
1	76 (60.3%)	22 (68.8%)	22 (73.3%)
2	43 (34.1%)	7 (21.9%)	6 (20.0%)
≥3	7 (5.6%)	3 (9.4%)	2 (6.7%)
Revascularization	12 (9.5%)	4 (12.5%)	1 (3.3%)
Segmental bone defect with bone graft or bone transport	70 (55.6%)	13 (40.6%)	16 (53.3%)
Local or free flap coverage	42 (33.3%)	10 (31.2%)	9 (30.0%)
Complete deficit of major nerve	11 (8.7%)	2 (6.2%)	1 (3.3%)
Compartment muscle loss or compartment syndrome	48 (38.1%)	17 (53.1%)	13 (43.3%)

*The numbers do not add up to the number of limbs injured because some patients had injuries to multiple bone segments. †The numbers do not add up to the number of patients because some patients met multiple criteria.

TABLE E-2A Regression Results: SMFA Scores Modeled as a Function of Amputation Status at Interview

	Short Musculoskeletal Function Assessment (SMFA)				
	Total Dysfunction	Mobility Subscore	Daily Activities Subscore	Emotional Subscore	Hand/Arm Subscore
Lower-limb amputation	−6.58*	−8.49*	−5.46†	−7.97*	−4.64*
Bilateral METALS-eligible lower-limb injury	1.15	2.90	3.19	−3.70	0.90
METALS-eligible upper-limb injury	5.00†	−1.22	2.94	3.73	15.70*
Age (in years)	0.48*	0.66*	0.45†	0.59*	0.23†
Months to interview	−0.18*	−0.24*	−0.27*	−0.13	−0.05
Rank					
Junior enlisted (E1-E4)	Reference	Reference	Reference	Reference	Reference
Mid to senior enlisted (E5-E9)	−2.26	−2.24	−0.61	−3.97	−2.86†
Officer	−2.41	−3.45	0.34	−7.52	−0.20
Combat experiences[17]	0.60*	0.70†	0.43	1.08*	0.26
Social support[16]					
Low (<70)	Reference	Reference	Reference	Reference	Reference
Moderate (71-80)	−9.83*	−8.20*	−11.40*	−16.76*	−3.62†
High (>80)	−12.05*	−8.91*	−15.31*	−22.54*	−2.35
R^2	0.26	0.17	0.17	0.27	0.31

*P < 0.01. †P < 0.05.

TABLE E-2B Regression Results: Adjusted Odds of Depression, PTSD, Role Participation, Engagement in Vigorous Sports, and Pain Interference

	Screened for Possible/Probable Depression	Screened Positive for PTSD	Currently Working/on Active Duty/in School	Engaged in Vigorous Sports or Recreational Activities	Pain Interferes with Daily Activity
Lower-limb amputation	0.93	0.43†	1.08	2.60*	0.74
Bilateral METALS-eligible lower-limb injury	0.58	0.56	0.44*	1.27	0.63
METALS-eligible upper-limb injury	0.92	1.02	1.24	1.51	0.61
Age (in years)	1.04	1.02	0.99	1.00	1.05†
Months to interview	0.99	0.99	1.03*	1.01	1.00
Rank					
Junior enlisted (E1-E4)	Reference	Reference	Reference	Reference	Reference
Mid to senior enlisted (E5-E9)	0.57	0.55	1.13	1.46	1.23
Officer	0.26†	0.32	3.05†	3.30*	0.60
Combat experiences[17]	1.05	1.13*	0.95	1.00	1.06
Social support[16]					
Low (<70)	Reference	Reference	Reference	Reference	Reference
Moderate (71-80)	0.24*	0.19*	1.66	1.26	0.28*
High (>80)	0.14*	0.13*	2.81*	1.42	0.21*

*P < 0.01.†P < 0.05.