Obeng-Gyasi S, Li Y, Carson WE, et al. Association of allostatic load with overall mortality among patients with metastatic non–small cell lung cancer. *JAMA Netw Open*. 2022;5(7):e2221626. doi:10.1001/jamanetworkopen.2022.21626

**eTable 1.** Means, SDs, and Ranges on Psychological and Functional Status Measures (N = 143)
**eTable 2.** Correlation Between AL and Descriptive Characteristics, Psychological Variables, and Health Measures by Clinical Cutoffs vs Quartiles (N = 143)
**eTable 3.** Univariable Analysis Between Study Variables and Mortality Using AL as Clinical Cutoffs vs Quartiles (N = 143)
**eFigure.** Distribution of Allostatic Load Scores in Patients With Stage IV NSCLC (N = 143)

This supplementary material has been provided by the authors to give readers additional information about their work.
**eTable 1.** Means, SDs, and Ranges on Psychological and Functional Status Measures (N = 143)

| Measure                                      | Mean (SD)     | Median (interquartile range) |
|----------------------------------------------|---------------|-------------------------------|
| Patient Health Questionnaire-9               | 6.64±5.45     | 5(3-9)                        |
| Generalized Anxiety Disorder-7               | 5.52±5.58     | 4(1-7)                        |
| Impacts of Events Scale-Revised              | 16.9±15.69    | 12(6-22)                      |
| Life Events Scale                            | 0.91±0.97     | 1(0-1)                        |
| Functional Status EQ-5D-5L                   |               |                               |
| Mobility                                     | 1.91±1.09     | 2(1-3)                        |
| Self-Care                                    | 1.31±0.64     | 1(1-1)                        |
| Engagement in Usual Activities               | 2.24±1.23     | 2(1-3)                        |

**eTable 2.** Correlation Between AL and Descriptive Characteristics, Psychological Variables, and Health Measures by Clinical Cutoffs vs Quartiles (N = 143)

| AL Clinical Cut-Offs | AL Quartiles |
|----------------------|--------------|
|                      | Correlation Coefficient | p-value | Correlation Coefficient | p-value |
| Age                  | -0.038        | 0.65     | 0.01                     | 0.89    |
| BMI                  | 0.046         | 0.58     | -0.07                    | 0.39    |
| Race                 | 0.229         | 0.11     | 0.06                     | 0.48    |
| Hispanic             | 0.011         | 0.89     | 0.05                     | 0.58    |
| Income               | -0.200        | 0.02     | -0.141                   | 0.11    |
| Education            | -0.228        | 0.006    | -0.24                    | 0.005   |
| Marital status       | 0.042         | 0.62     | 0.03                     | 0.71    |
| Sex                  | 0.193         | 0.02     | 0.13                     | 0.14    |
| Charlson Co-morbidity Index | 0.062 | 0.46     | 0.23                     | 0.0008  |
| Smoker Status        | 0.01679       | 0.05     | 0.141                    | 0.09    |
| Alcohol Use          | -0.099        | 0.24     | 0.02                     | 0.84    |
| Treatment            | -0.333        | 0.002    | 0.23                     | 0.010   |
| Patient Health Questionnaire-9               | 0.235         | 0.005    | 0.25                     | 0.002   |
| Generalized Anxiety Disorder-7               | -0.035        | 0.68     | 0.21                     | 0.02    |
| Impacts of Events Scale                          | 0.247       | 0.003      | 0.27                     | 0.001    |
| Life Events Scale                                      | 0.304       | <0.001     | -0.0499                  | 0.55    |
| EQ-5D-5L                                           |               |           |                          |         |
| Mobility                                          | 0.187        | 0.04      | 0.28                     | <0.001  |
| Self-Care                                         | 0.304        | <0.001    | 0.21                     | 0.10    |
| Engagement in Usual Activities                  | 0.213        | 0.01      | 0.16                     | 0.054   |

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| Race          | AL Clinical Cutoff | HR (95% CI) | p-value | AL Quartiles | HR (95% CI) | p-value |
|--------------|-------------------|-------------|---------|--------------|-------------|---------|
| Black        | 1.37 (0.59-3.20)  | 0.46        |         | 1.37 (0.58-3.20) | 0.463      |
| Asian        | 1.73e-15          | 1.00        |         | 1.73e-15     | 1           |
| Other        | 1.72e-15          | 1.00        |         | 1.72e-15     | 1           |
| Multiracial  | 1.37 (0.68-2.77)  | 0.37        |         | 1.38         | 0.37        |
| Hispanic     |                   |             |         |              |             |
| No           | 0.33 (0.05-2.43)  | 0.28        |         | 0.34 (0.05-2.43) | 0.281      |
| Yes          |                   |             |         |              |             |
| Income       |                   |             |         |              |             |
| REF          |                   |             |         |              |             |
| 1            | 1.89 (0.64-5.56)  | 0.24        |         | 1.89 (0.64-5.55) | 0.25       |
| 2            | 1.26 (0.47-3.33)  | 0.65        |         | 1.26 (0.47-3.33) | 0.65       |
| 3            | 2.11 (0.81-5.50)  | 0.13        |         | 2.11 (0.81-5.50) | 0.13       |
| 4            | 1.71 (0.60-4.79)  | 0.31        |         | 1.71 (0.61-4.80) | 0.31       |
| 5            | 2.11 (0.73-6.04)  | 0.17        |         | 2.11 (0.73-6.04) | 0.17       |
| 6            | 0.43 (0.11-1.73)  | 0.24        |         | 0.43 (0.11-1.74) | 0.24       |
| 7            | 1.16e-20          |             |         | 1.16e-20     |             |
| 8            | 1.91 (0.38-9.58)  | 0.43        |         | 1.91 (0.38-9.58) | 0.43       |
| 9            | 0.41 (0.05-3.50)  | 0.41        |         | 0.41 (0.048-3.51) | 0.42       |
| Education    |                   |             |         |              |             |
| <High school | 0.57 (0.30-1.08)  | 0.08        |         | Ref          |             |
| High School  | 0.47 (0.24-0.88)  | 0.02        |         | 0.79 (0.49-1.28) | 0.34       |
| >High School | REF               |             |         | 0.41 (0.21-0.82) | 0.01       |
| Marital status |                 |             |         |              |             |
| Not married  | REF               |             |         |              |             |
| Married      | 1.00 (0.64-1.57)  | 1.0         |         | 1.00 (0.64-1.57) | 1.0        |
| Gender       |                   |             |         |              |             |
| Female       | 1.26 (0.80-2.00)  | 0.32        |         | 1.27 (0.80-2.00) | 0.32       |
| Male         |                   |             |         |              |             |
| Charlson Comorbidity Index | 0.94 (0.85-1.04) | 0.22 |         | 0.94 (0.85-1.04) | 0.22 |
| Smoker Status |                 |             |         |              |             |
| Never        | REF               |             |         |              |             |
| Prior Smoker | 1.45 (0.65-3.21)  | 0.36        |         | 1.45 (0.65-3.21) | 0.36       |
| Current Smoker | 1.86 (-.76-4.55) | 0.72        |         | 1.86 (0.76-4.55) | 0.17       |
| Alcohol Use  |                   |             |         |              |             |
| No           | REF               |             |         |              |             |
| Yes          | 0.91 (0.59-1.43)  | 0.71        |         | 0.92 (0.59-1.43) | 0.71       |
| Treatment    |                   |             |         |              |             |
| Chemotherapy | REF               |             |         |              |             |
| Chemotherapy and Immunotherapy | 0.51 (0.27-0.98) | 0.04 |         | 0.51 (0.26-0.98) | 0.04       |
| Immunotherapy | 0.55 (0.27-1.12)  | 0.10        |         | 0.54 (0.27-1.12) | 0.10       |
| Variable                         | Observations | Mean   | SD    | Min | p25 | p50 | p75 | Max |
|---------------------------------|--------------|--------|-------|-----|-----|-----|-----|-----|
| AL Score                        | 143          | 2.90   | 1.37  | 0   | 2   | 3   | 4   | 6   |

**Immunotherapy Targeted:**

| Variable                         | Observations | Mean   | SD    | Min | p25 | p50 | p75 | Max |
|----------------------------------|--------------|--------|-------|-----|-----|-----|-----|-----|
| Patient Health Questionnaire-9   | 1.02 (0.98-1.06) | 0.25   | 1.02 (0.98-1.06) | 0.25 |
| Generalized Anxiety Disorder-7   | 1.00 (0.95-1.04) | 0.86   | 1.0 (0.95-1.04) | 0.86 |
| Impacts of events scale          | 1.00 (0.99-1.01) | 0.58   | 1.00 (0.98-1.01) | 0.22 |
| Life events scale                | 1.21 (0.98-1.51) | 0.08   | 1.21 (0.98-1.51) | 0.08 |

**EQ-5D-5L**

| Variable                         | Observations | Mean   | SD    | Min | p25 | p50 | p75 | Max |
|----------------------------------|--------------|--------|-------|-----|-----|-----|-----|-----|
| Mobility                         | 1.40 (1.16-1.68) | 0.000  | 1.39 (1.16-1.68) | 0.000 |
| Self-Care                        | 1.85 (1.37-2.49) | 0.000  | 1.85 (1.37-2.49) | 0.000 |
| Engagement of Usual Activities   | 1.14 (0.95-1.36) | 0.15   | 1.13 (0.95-1.36) | 0.15 |

**Allostatic load:**

| Variable                         | Observations | Mean   | SD    | Min | p25 | p50 | p75 | Max |
|----------------------------------|--------------|--------|-------|-----|-----|-----|-----|-----|
| AL Score                         | 143          | 2.90   | 1.37  | 0   | 2   | 3   | 4   | 6   |

**eFigure.** Distribution of Allostatic Load Scores in Patients With Stage IV NSCLC (N = 143)