



Anion gap value can indicate 2x higher mortality risk.

Berrijam AI explored 50 factors in MIMIC-III database of ICU patients with heart failure and their mortality risk, and found the 2 strongest indicator of mortality were Anion gap and Rel Failure.

Anion Gap (normal 4 - 12 mmol/L) measures the blood acidity levels. By avoiding running 50 tests, hospitals and triage and prioritize patient more quickly, saving lives and unnecessary tests.

Most Likely Yes:

Anion gap > 16.91 and
Rel failure > 0.0

9.15%
More Likely
'Yes'

Mortality = 22.67% (17 of 75)



Segment Size = 6.38% (75 of 1176)

Most Likely No:

Anion gap <= 16.91

3.24%
Less Likely
'Yes'

Mortality = 10.28% (108 of 1051)



Segment Size = 89.37% (1051 of 1176)