

NUMA



Immersive Projection System for Confined Spaces

Why This Topic: Addressing Claustrophobia in Urban Micro-Spaces

Elevators are essential yet emotionally neglected spaces. For those with claustrophobia, they trigger anxiety, helplessness, even panic. 82% of our survey respondents reported elevator-related discomfort. Numa was born from the idea that public design should care — especially for the most vulnerable moments in our day.



User Survey Insights

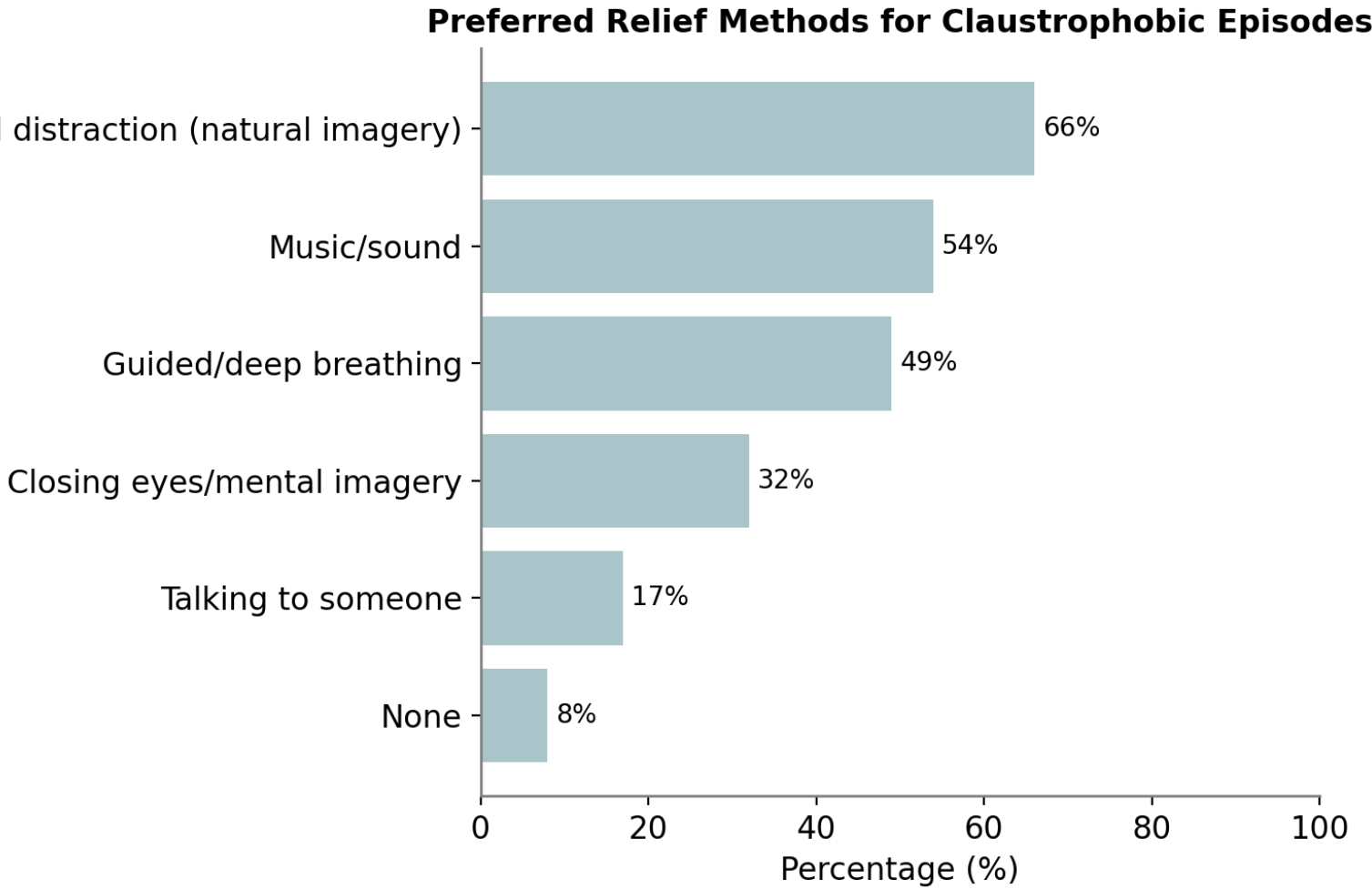
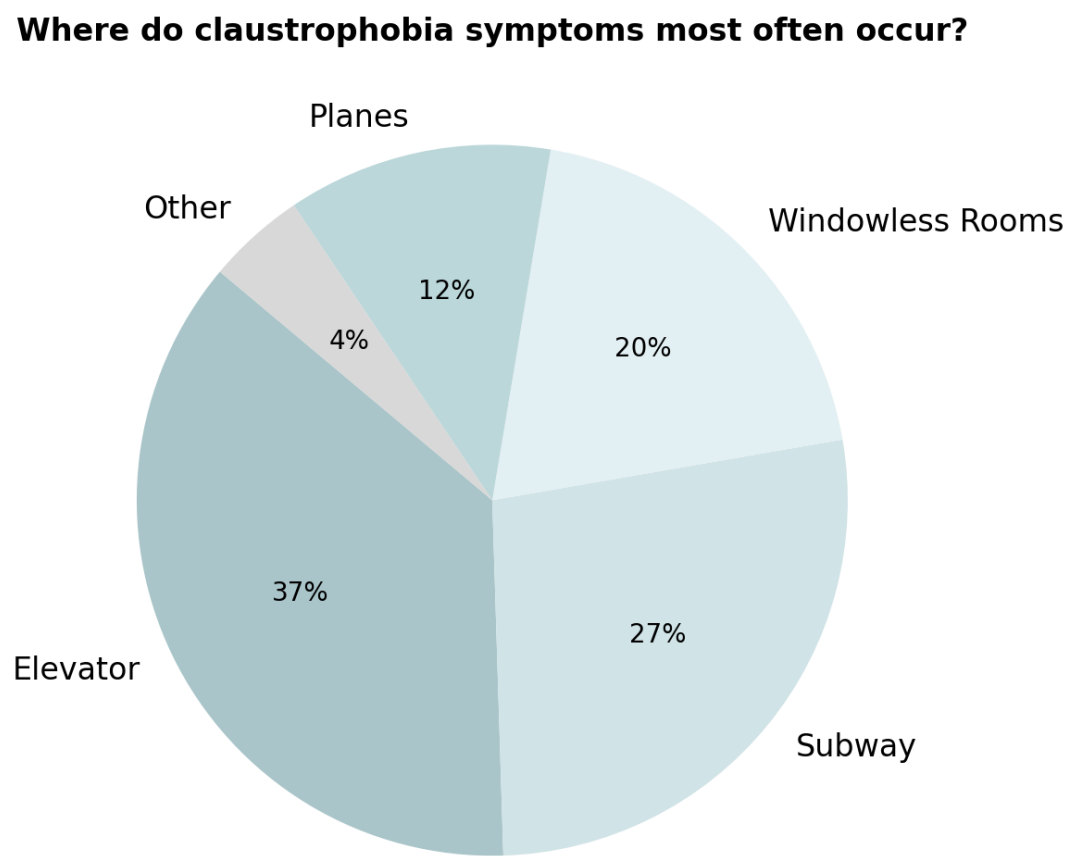
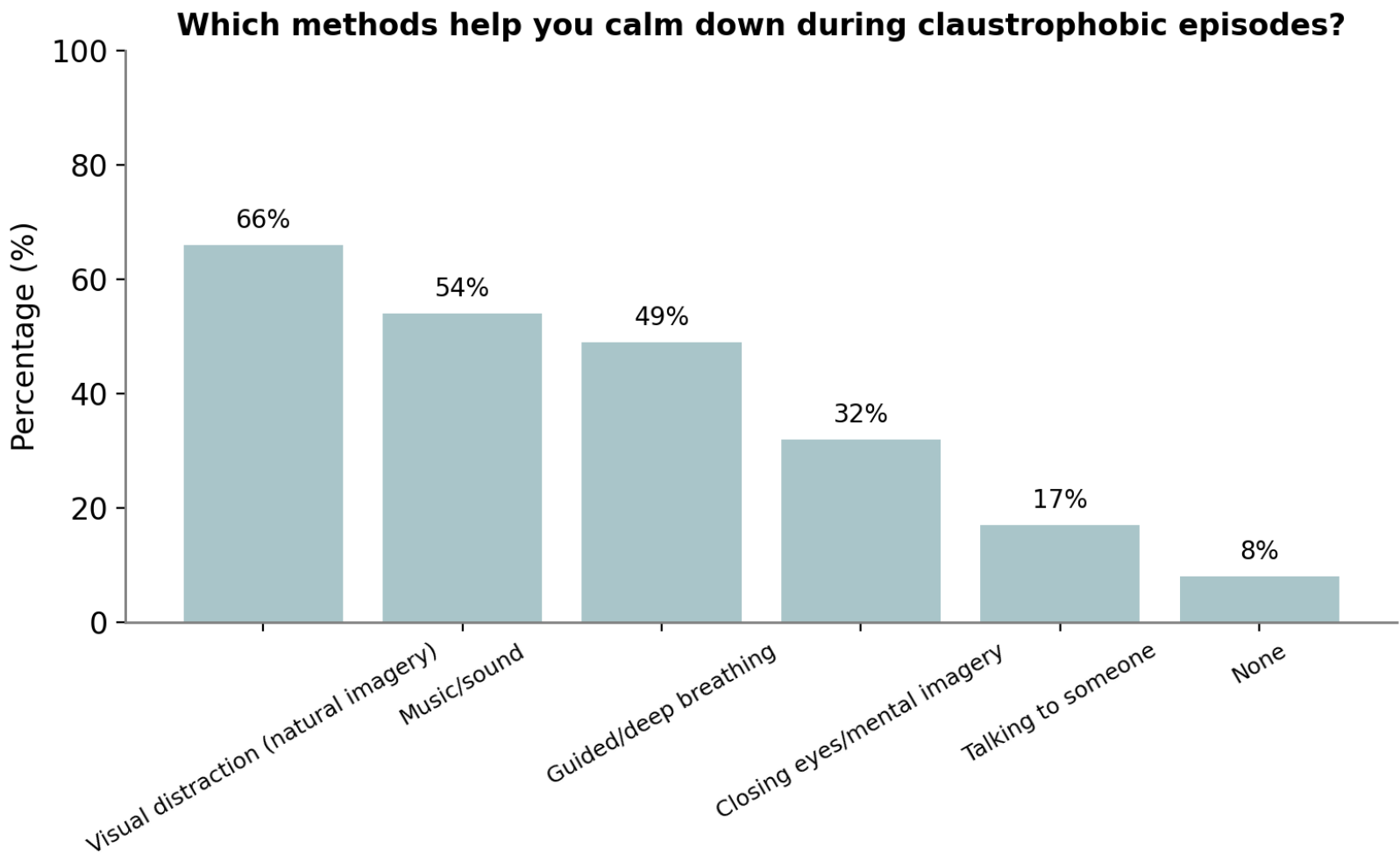
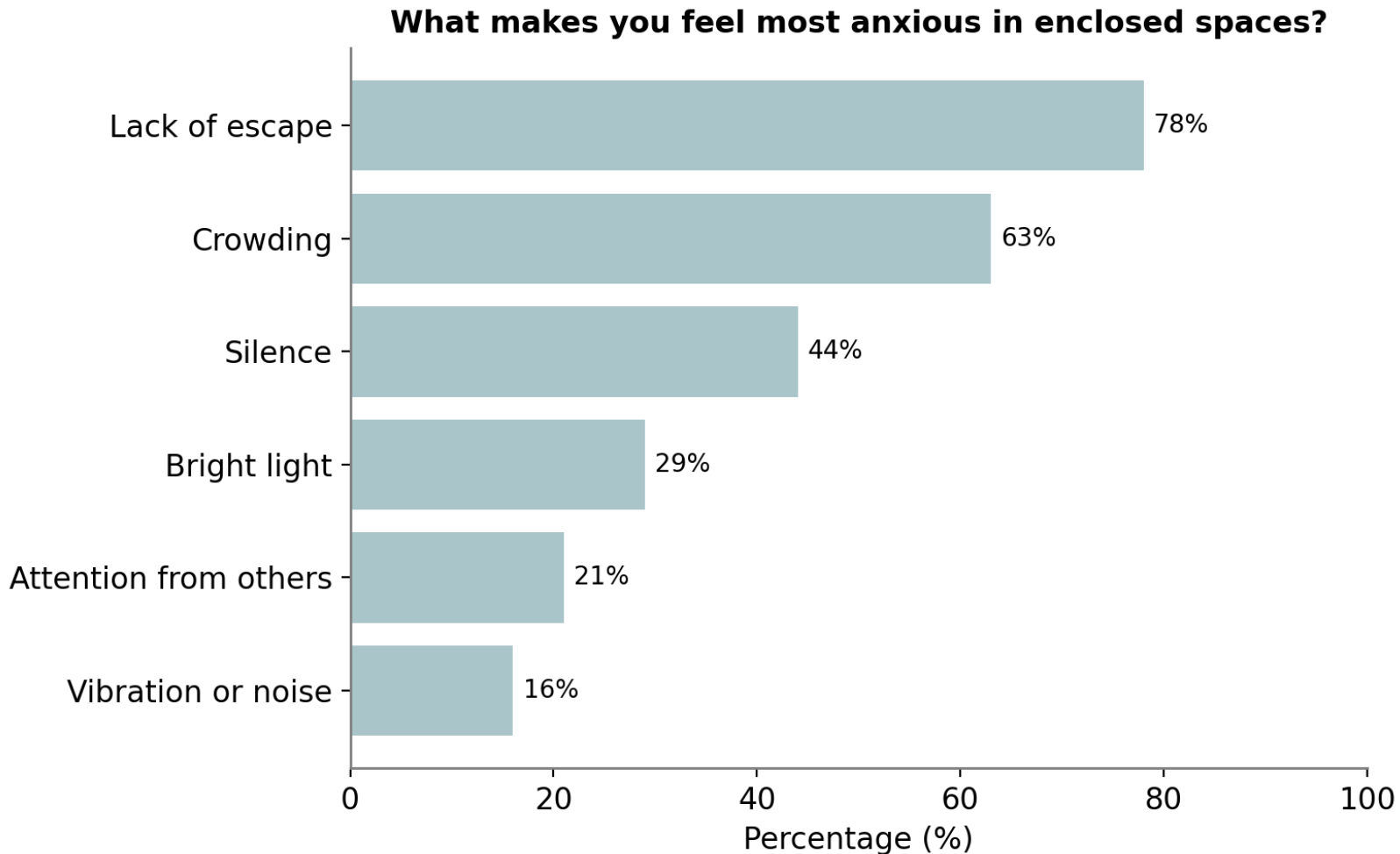
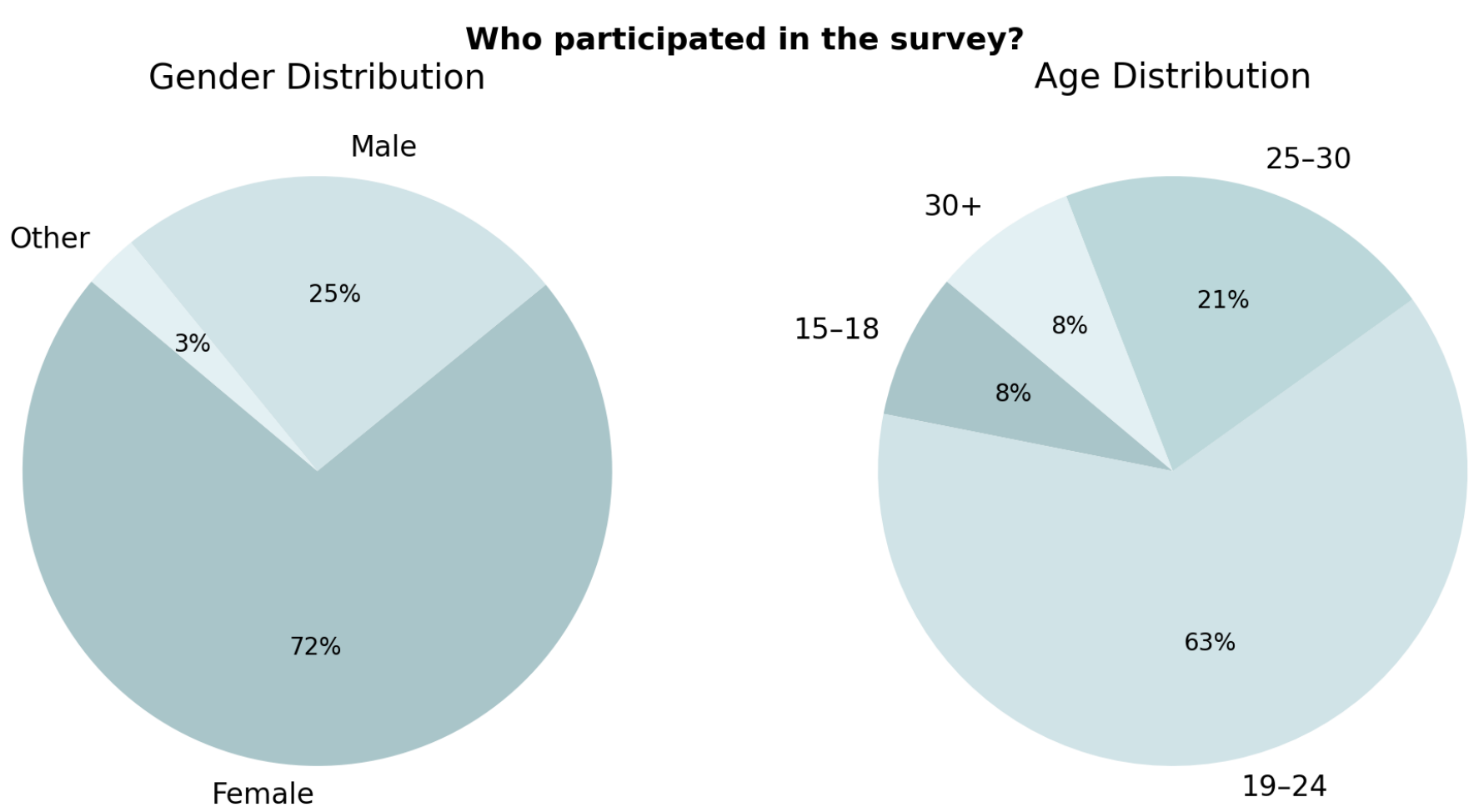
In a survey of 317 people:

82% felt strong discomfort in elevators

66% preferred visual distraction (natural scenes)

54% used sound/music for calming

49% benefited from guided breathing
These findings suggest that spatial design can be a therapeutic tool — when tailored to human emotion.



Emotional Design for Public Spaces

Emotional support is no longer optional — it's essential. Numa introduces a low-intervention solution using projection, transparent films, and spatial mapping to make elevators more humane. It is not a speculative vision. It's a feasible system built on empathy, psychology, and tested need.

Feasibility: Tech & Implementation

Numa uses:

1. High-brightness projection module
 2. Lidar-based spatial mapping
 3. Soft-edge image blending
 4. PET or Vikuiti™ films for clarity
- It installs quickly in new or old elevators, even with metal walls. Lightweight, battery-equipped, low-cost.



Visual Worlds to Ease Anxiety

We offer 3 immersive environments based on anxiety types:
Each element was chosen based on user preference and its ability to
synchronize with the nervous system.



Forest – Swaying trees, flying birds: safe, organic flow



Underwater – Calm fish, glowing corals: deep breath pacing



Starscape – Nebulas and planets: stillness & perspective



Modes: Daily & Emergency



Daily Mode:
activated by button; subtle projection on
one wall or ceiling; optional scene choice.

Emergency Mode:
triggered during elevator malfunction; full
360° projection with immersive sound and
visuals.

