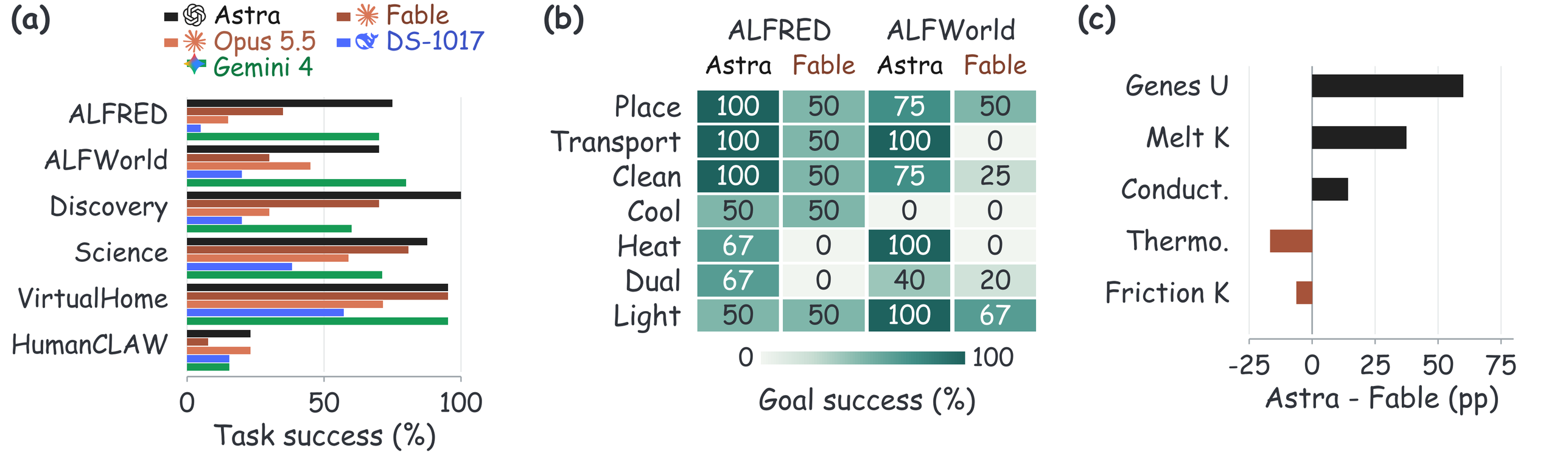

(a)
Astra
Fable
Opus 5.5
DS-1017
Gemini 4
ALFRED
ALFWorld
Discovery
Science
VirtualHome
HumanCLAW
0
50
100
Task success (%)
(b)
ALFRED
ALFWorld
Astra
Fable
Astra
Fable
Place 100 50 75 50
Transport 100 50 100 0
Clean 100 50 75 25
Cool 50 50 0 0
Heat 67 0 100 0
Dual 67 0 40 20
Light 50 50 100 67
0
100
Goal success (%)
(c)
Genes U
Melt K
Conduct.
Thermo.
Friction K
-25
0
25
50
75
Astra - Fable (pp)