

Physician Agreed Neonatal Records (n=477, 100%)

Congenital anomalies (n=2, <1%)
InSilicoVA 0.00 ————— 1.00 GPT-4 GPT-3.5

Other (n=5, 1%)
InterVA-5 0.00 ————— 1.00 GPT-4

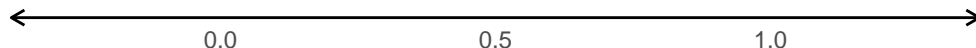
Neonatal infections (n=99, 21%)
GPT-4 0.49 ————— 0.87 InSilicoVA

Prematurity and low birthweight (n=73, 15%)
InterVA-5 0.12 ————— 0.74 GPT-4

Stillbirth (n=172, 36%)
GPT-3.5 0.49 ————— 0.73 GPT-4
InterVA-5 (0.54)

Ill-defined (n=23, 5%)
InSilicoVA (0.05) 0.01 ————— 0.59 GPT-4 (0.55) GPT-3.5
InterVA-5

Birth asphyxia and birth trauma (n=103, 22%)
GPT-3.5 0.35 ————— 0.59 InterVA-5



PCCC (0=Low, 1=High)