

S1 System Specifications

The models considered in ChronoMID were run on Google Cloud Platform’s AI Platform, with the platform and hardware specifications given in Tables 1 and 2 respectively. The models themselves, together with their batched data-loader, were written in Python. The version of Python used was 3.5 and the list of key package dependencies is given in Table 3.

Table 1. Google Cloud AI-Platform specifications.

Type	Specification
Machine Type	n1-standard-4
Runtime Version	1.4

Table 2. Hardware specifications.

Component		Specification
CPU	Virtual Cores	4
GPU	Manufacturer	NVidia
	Model	Tesla K80
	Memory type	GDDR5
	Memory capacity	24 GiB
RAM	Capacity	15GiB

Table 3. Python package specifications.

Package	Version
google-cloud-storage	1.23.0
h5py	2.10.0
keras	2.1.5
numpy	1.12.1
pydicom	1.3.0
scikit-image	0.15.0
scipy	0.19.0
tensorflow	1.4.1
tensorflow-gpu	1.4.1