**S1 Table. Python packages.**

The code requires packages for Python 3 to be pre-installed.  
Most can be installed via *pip install <>* or *conda install <>*.  
For PyTorch, go to <https://pytorch.org/get-started/locally/>  
to determine which version to install.

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| --- | --- |
| **Package** | **version** |
| Conda | 4.5.8 |
| Dominate | 2.3.1 |
| Numpy | 1.15.2 |
| Pandas | 0.24.2 |
| Pillow | 5.1.0 |
| Scikit-image | 0.14.0 |
| Scikit-learn | 0.19.1 |
| Scipy | 1.1.0 |
| Torch | 0.4.0 |
| Torchfile | 0.1.0 |
| Torchvision | 0.2.1 |