IMPORTANT NOTES!  
→ If you choose the hard way, please follow the way we saved the models and weights so that ensembling the models won’t give an error.

→ If you choose the hard way, please copy the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder to your own drive, and work on that.

→ If you have any problem with running the code, please contact us. We can arrange a demo session or try to guide you more to help.

Simple Way

1. Make sure you are inside the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder.
2. Run the [Ensemble All Models.ipynb](https://colab.research.google.com/drive/1GocCfVuSsnKpKJLDRrYoTereBz64whXo?usp=sharing) with the already saved [models](https://drive.google.com/drive/folders/1y1u03O7nClI1u0yRpQHCGCA4E_eZ9M7k?usp=sharing) and [weights](https://drive.google.com/drive/folders/1dMQ40yu0AoR7enAfQhiFegFJGgyzrFhY?usp=sharing) by using cropped ones.

Hard Way

1. Make sure you are inside the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder.
2. Go inside the folder [trimmer\_notebooks](https://drive.google.com/drive/folders/1eojKpiNmE4IOGcRWqQn2VaHk_p_maYFy?usp=sharing).
3. Run the [Trimmer+Crop.ipynb](https://colab.research.google.com/drive/1op32-C81GNMaTuIyFjB8hs8TV5xT51UM?usp=sharing) by changing with your own paths.
4. Come back to the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder.
5. Go inside the folder [pickle\_notebooks](https://drive.google.com/drive/folders/12hDIj93YP4GIkNuDZYS-x_E6XKitbsz9?usp=sharing).
6. Run the [PickleRick+Crop.ipynb](https://colab.research.google.com/drive/1kEyVppst5CQWjiUtVLAWkOMM_clBhm1L?usp=sharing) by changing with your own paths.
7. Come back to the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder.
8. Go inside the folder [Transfer\_Learning\_Notebooks](https://drive.google.com/drive/folders/1AfWFU4Wut8ztEQ2AR1VuiNUCK3SHXwPQ?usp=sharing).
9. Go inside folders [Models\_trimmed\_cropped](https://drive.google.com/drive/folders/1z47aURVsRc-7wEJ9GEzHyS0l1jd1Zlmn?usp=sharing) and [Fine-Tuned Models\_trimmed\_cropped](https://drive.google.com/drive/folders/1cHImnDJRdWcgaeFjl5lG2MzkKSc_xzDl?usp=sharing) separately.
10. Run those notebooks with the according paths, that you load the pickle files and save the weights. and models to the according path you want.
11. Come back to the [Final Notebooks](https://drive.google.com/drive/folders/1CXAV_pJvLH4ywxssUgAAFuySiKubkjLX?usp=sharing) folder.
12. Run the [Ensemble All Models.ipynb](https://colab.research.google.com/drive/1GocCfVuSsnKpKJLDRrYoTereBz64whXo?usp=sharing) with the according paths.