

| Model with nrm DATA | freezed_layers | train_MSE | test_MSE | train_MAE | test_MAE |
|----------------------------|----------------|-----------|----------|-----------|----------|
| simple CNN without dropout | - | 0.0438 | 0.0433 | 0.1668 | 0.1640 |
| simple CNN with dropout | - | 0.0459 | 0.0456 | 0.1684 | 0.1661 |
| inceptionV3 | affirmative | 0.0427 | 0.0418 | 0.1669 | 0.1638 |
| inceptionV3 | negative | 0.0427 | 0.0418 | 0.1669 | 0.1637 |
| ResNet50 | affirmative | 0.0427 | 0.0418 | 0.1669 | 0.1637 |
| ResNet50 | negative | 0.0429 | 0.0424 | 0.1674 | 0.1628 |
| VGG19 | affirmative | 0.0439 | 0.0418 | 0.1682 | 0.1655 |
| VGG19 | negative | 0.0431 | 0.0419 | 0.1676 | 0.1649 |
| Xception | affirmative | 0.0425 | 0.0425 | 0.1661 | 0.1643 |
| Xception | negative | 0.0429 | 0.0422 | 0.1676 | 0.1626 |

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| simple CNN with dropout | - | 0.0459 | 0.0456 | 0.1684 | 0.1661 |

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| inceptionV3 | negative | 0.0427 | 0.0418 | 0.1669 | 0.1637 |

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|---------------------|---------------|-----------|----------|-----------|----------|
| ResNet50 | affirmative | 0.0427 | 0.0418 | 0.1669 | 0.1637 |
| ResNet50 | negative | 0.0429 | 0.0424 | 0.1674 | 0.1628 |

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| Xception | affirmative | 0.0425 | 0.0425 | 0.1661 | 0.1643 |
| Xception | negative | 0.0429 | 0.0422 | 0.1676 | 0.1626 |

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|----------------------------|----------------|-----------|----------|-----------|----------|
| simple CNN without dropout | - | 0.1060 | 0.1089 | 0.2470 | 0.2530 |
| simple CNN with dropout | - | 0.1139 | 0.1171 | 0.2591 | 0.2658 |
| inceptionV3 | affirmative | 0.0428 | 0.0419 | 0.1672 | 0.1640 |
| inceptionV3 | negative | 0.0427 | 0.0418 | 0.1669 | 0.1638 |
| ResNet50 | affirmative | 0.0427 | 0.0418 | 0.1669 | 0.1638 |
| ResNet50 | negative | 0.0430 | 0.0421 | 0.1673 | 0.1651 |
| VGG19 | affirmative | 0.0426 | 0.0417 | 0.1668 | 0.1635 |
| VGG19 | negative | 0.0439 | 0.0432 | 0.1686 | 0.1627 |
| Xception | affirmative | 0.0429 | 0.0423 | 0.1674 | 0.1628 |
| Xception | negative | 0.0429 | 0.0420 | 0.1672 | 0.1640 |

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| simple CNN with dropout | - | 0.1139 | 0.1171 | 0.2591 | 0.2658 |

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|-------------|---------------|-----------|----------|-----------|----------|
| inceptionV3 | affirmative | 0.0428 | 0.0419 | 0.1672 | 0.1640 |
| inceptionV3 | negative | 0.0427 | 0.0418 | 0.1669 | 0.1638 |

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| ResNet50 | affirmative | 0.0427 | 0.0418 | 0.1669 | 0.1638 |
| ResNet50 | negative | 0.0430 | 0.0421 | 0.1673 | 0.1651 |

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| VGG19 | affirmative | 0.0426 | 0.0417 | 0.1668 | 0.1635 |
| VGG19 | negative | 0.0439 | 0.0432 | 0.1686 | 0.1627 |

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| Xception | affirmative | 0.0429 | 0.0423 | 0.1674 | 0.1628 |
| Xception | negative | 0.0429 | 0.0420 | 0.1672 | 0.1640 |