Supplementary material for: "Modeling three sources of uncertainty in assisted reproductive technologies with probabilistic graphical models"

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1 Densities

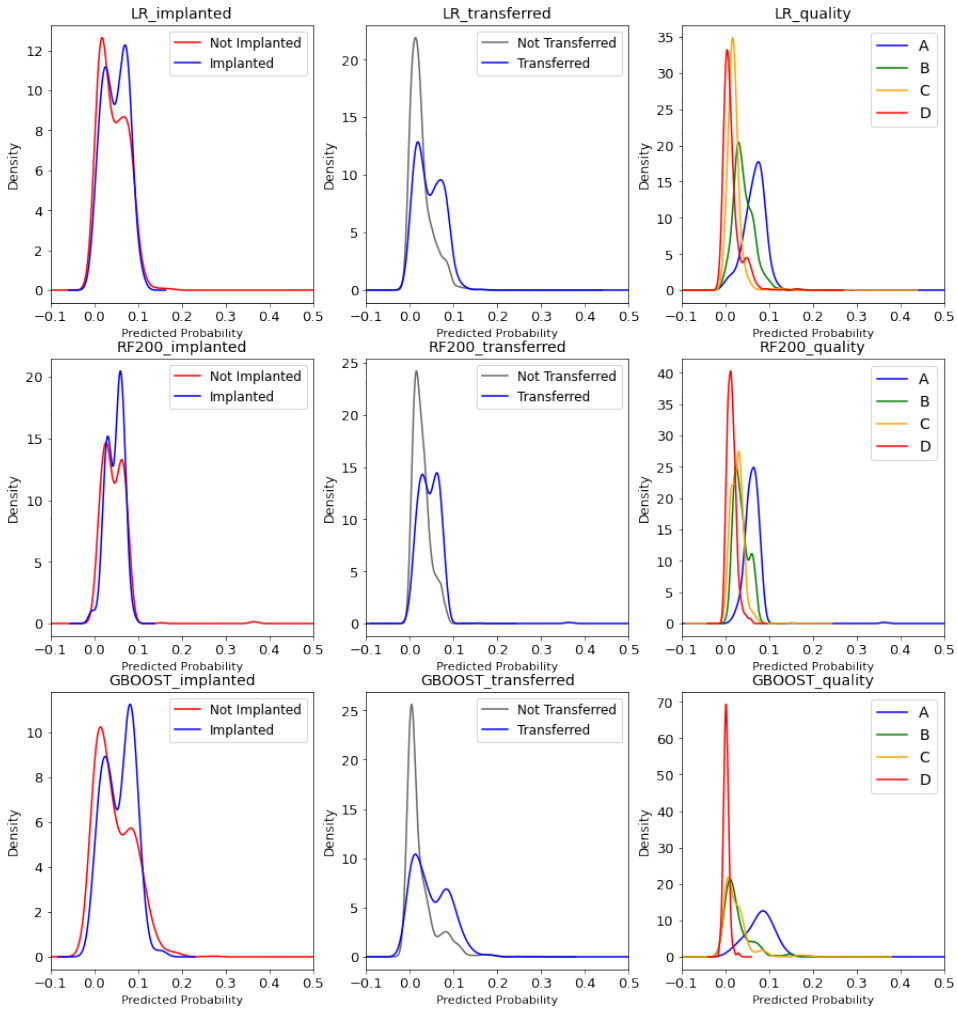

Figure 1: Experiment #1: Density of the predicted probabilities for classifiers learnt with the *Pessimistic* baseline approach. Each row shows results with different types of base classifiers. Each column shows different densities from different groupings of embryos: (i) embryos grouped by real label (left column), (ii) by transfer (middle column) (iii) and by ASEBIR category (right column).

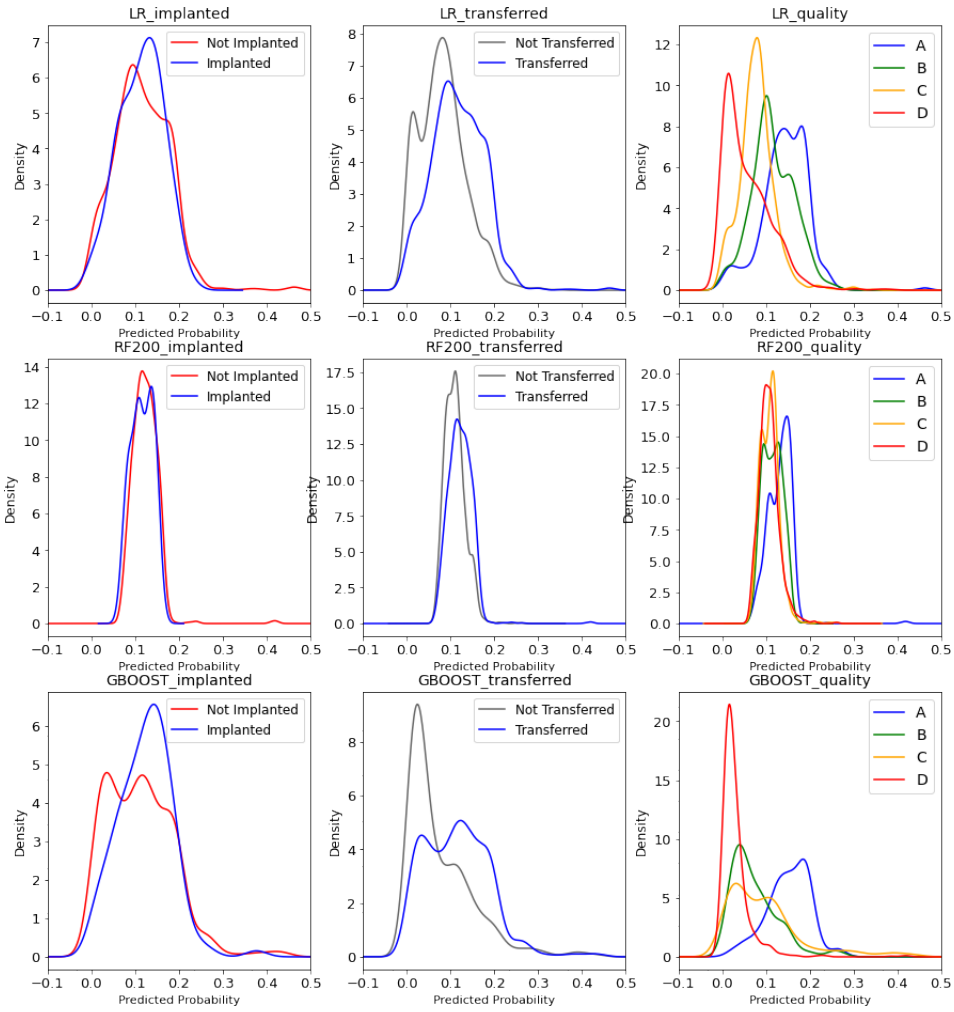

Figure 2: Experiment #1: Density of the predicted probabilities for classifiers learnt with the *Simple EM* baseline approach. Each row shows results with different types of base classifiers. Each column shows different densities from different groupings of embryos: (i) embryos grouped by real label (left column), (ii) by transfer (middle column) (iii) and by ASEBIR category (right column).

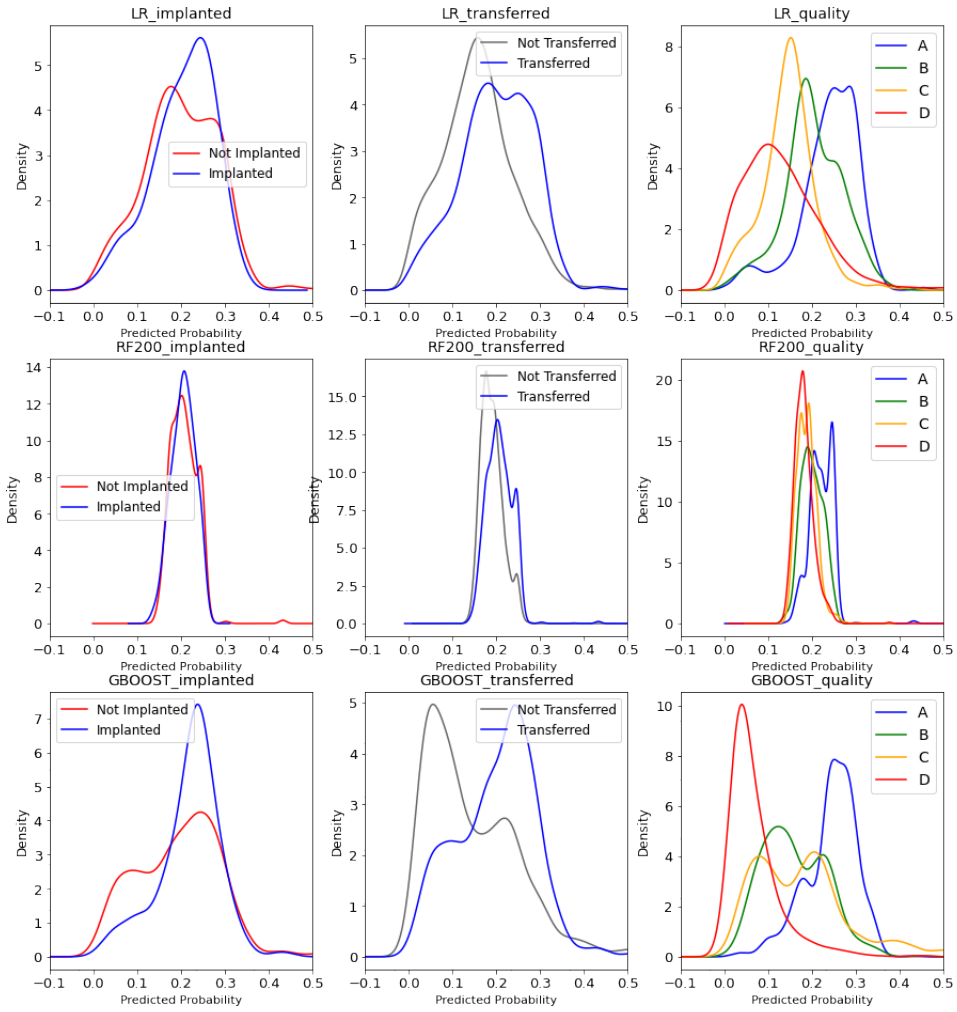

Figure 3: Experiment #1: Density of the predicted probabilities for classifiers learnt with the *LP-EM* baseline approach. Each row shows results with different types of base classifiers. Each column shows different densities from different groupings of embryos: (i) embryos grouped by real label (left column), (ii) by transfer (middle column) (iii) and by ASEBIR category (right column).

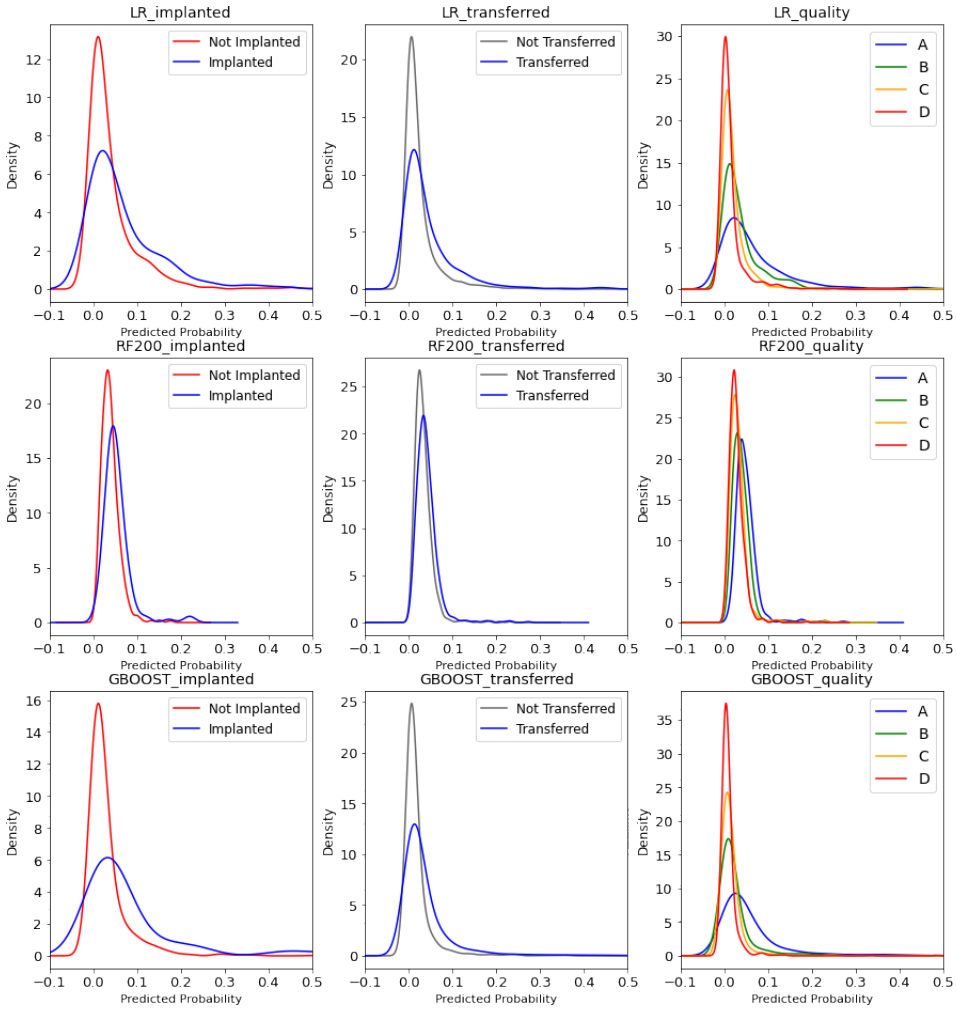

Figure 4: Experiment #2: Density of the predicted probabilities for classifiers learnt with the *pessimistic* baseline approach, when using a dataset enlarged with the descriptive features of the cycle. Each row shows results with different types of base classifiers. Each column shows different densities from different groupings of embryos: (i) embryos grouped by real label (left column), (ii) by transfer (middle column) (iii) and by ASEBIR category (right column).