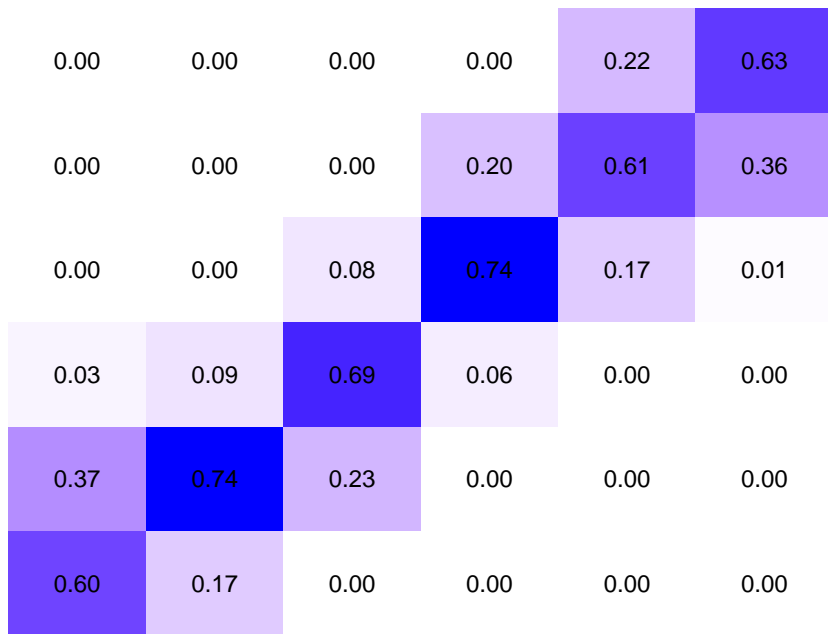Confusion Matrix – necklace Device