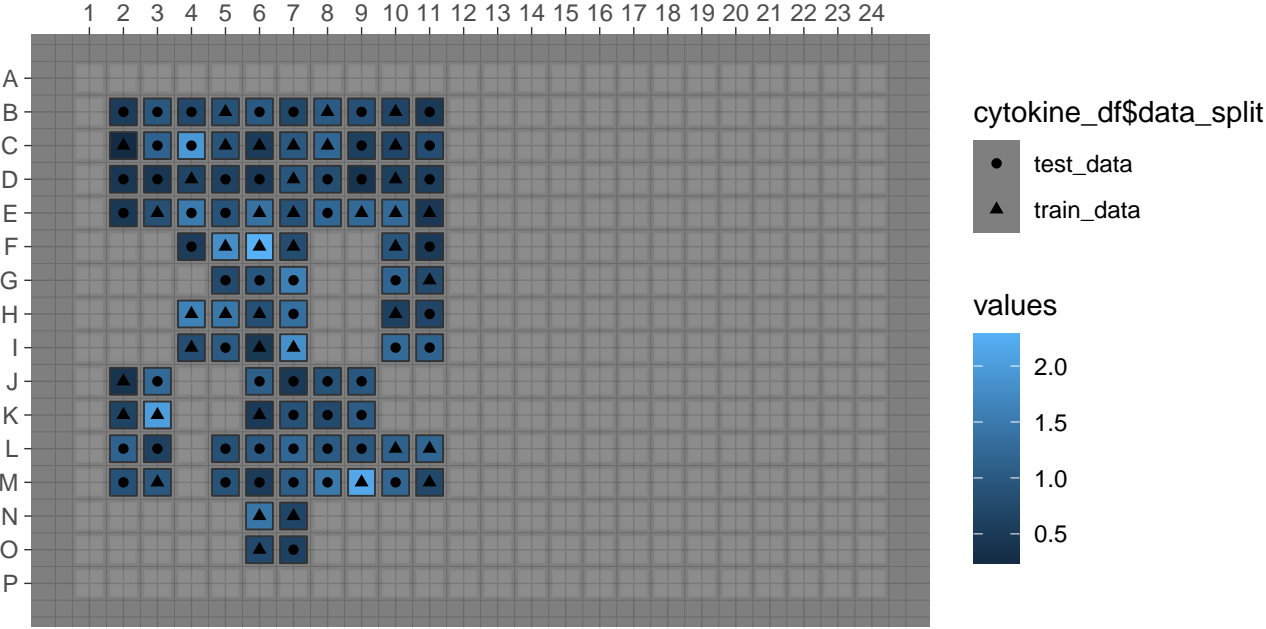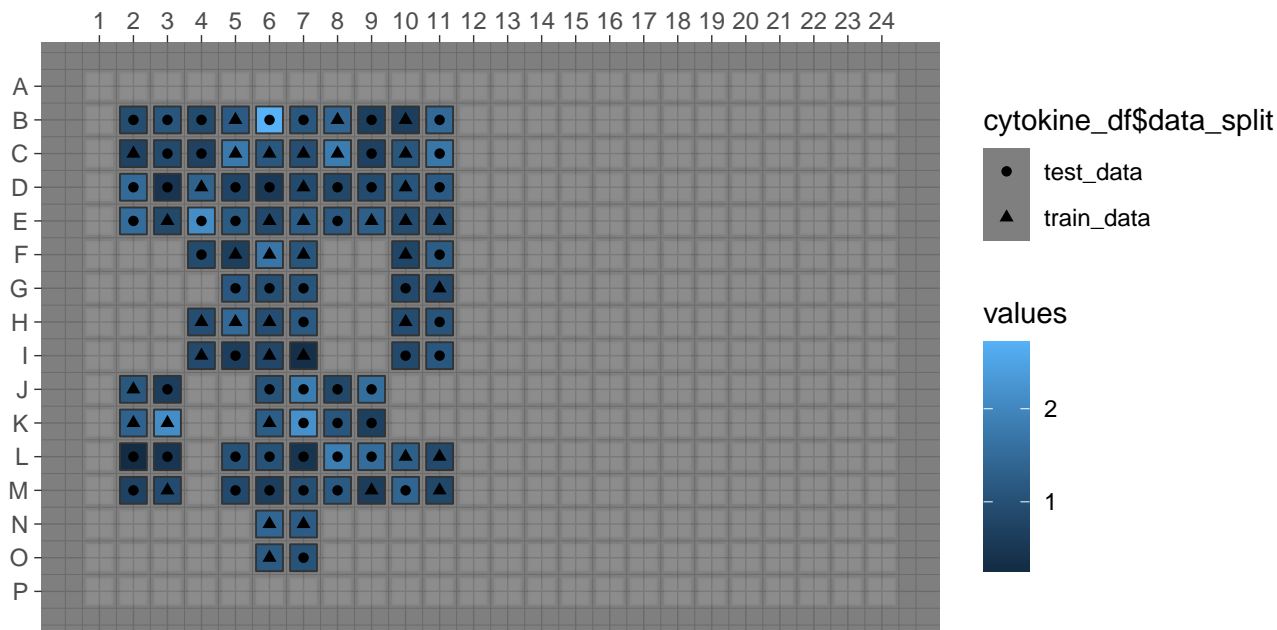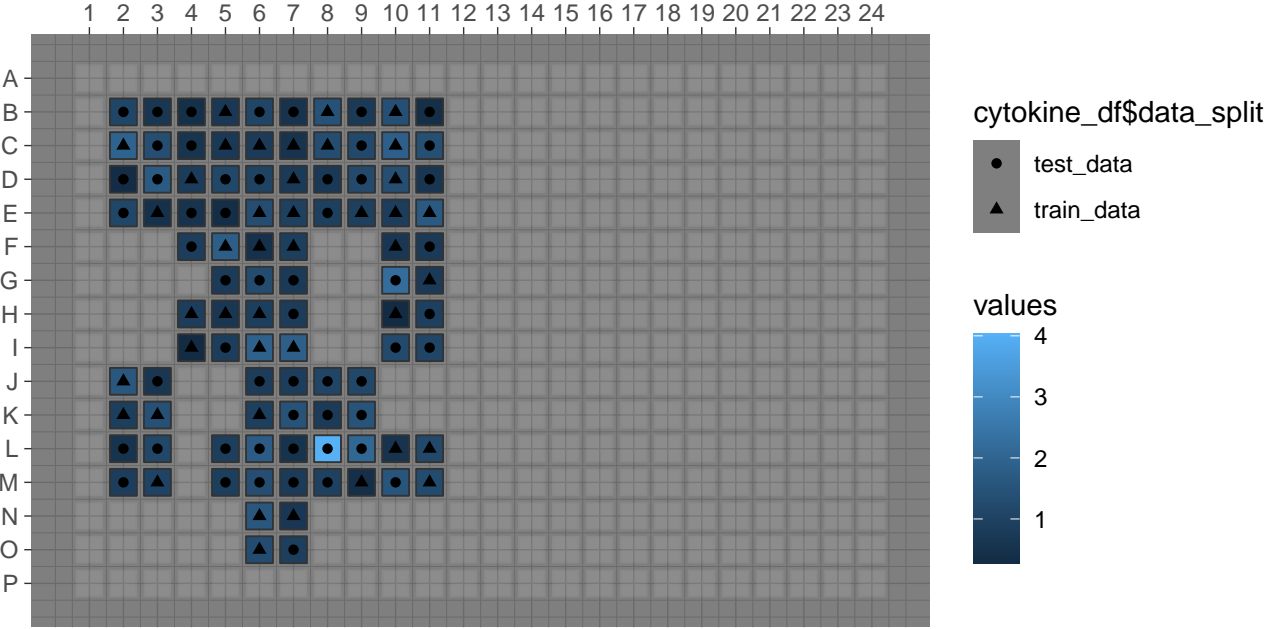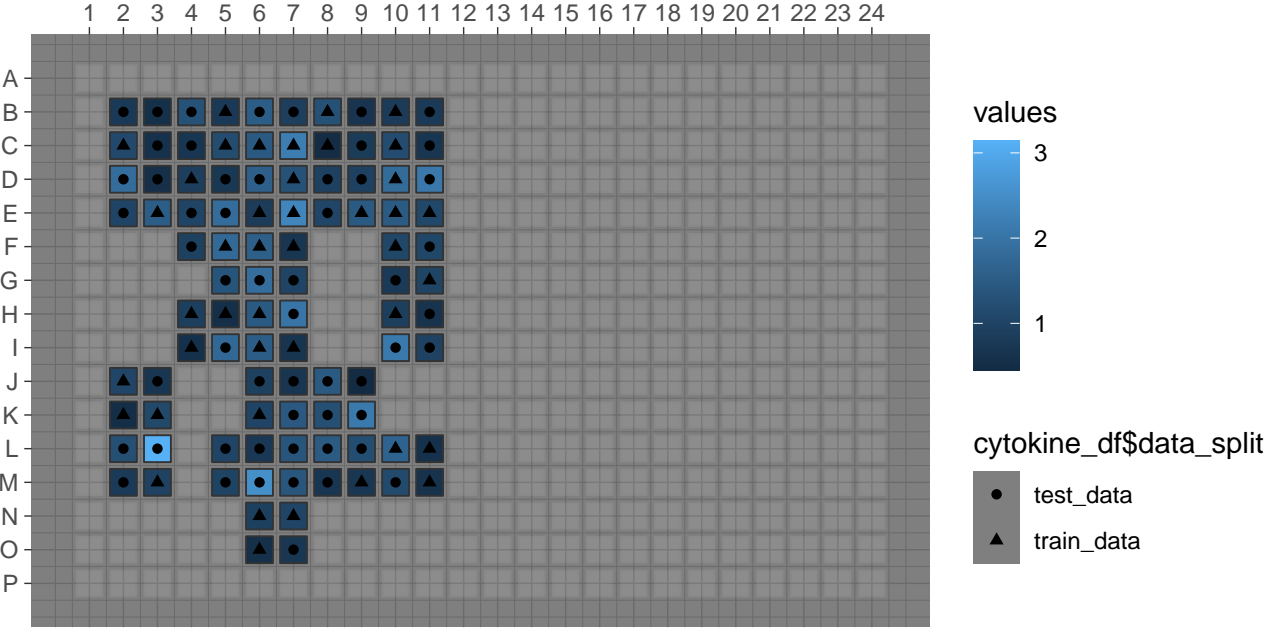Predictive Performance of GFbeta per Well (Final model)

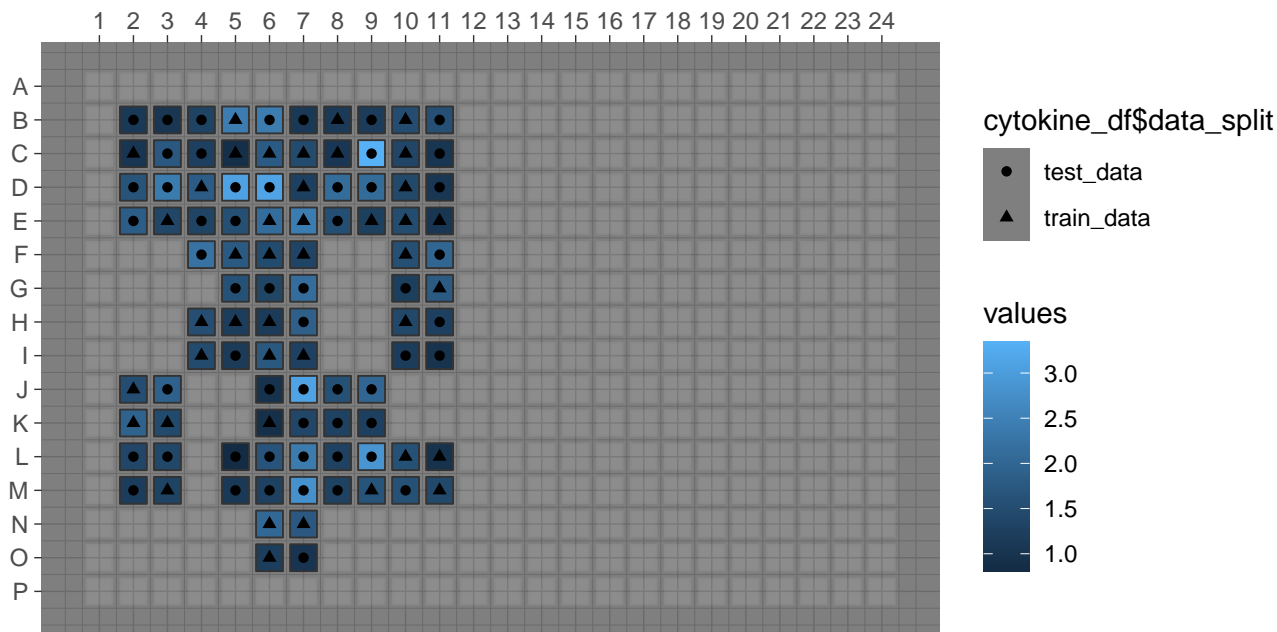Predictive Performance of TLP per Well (Final model)

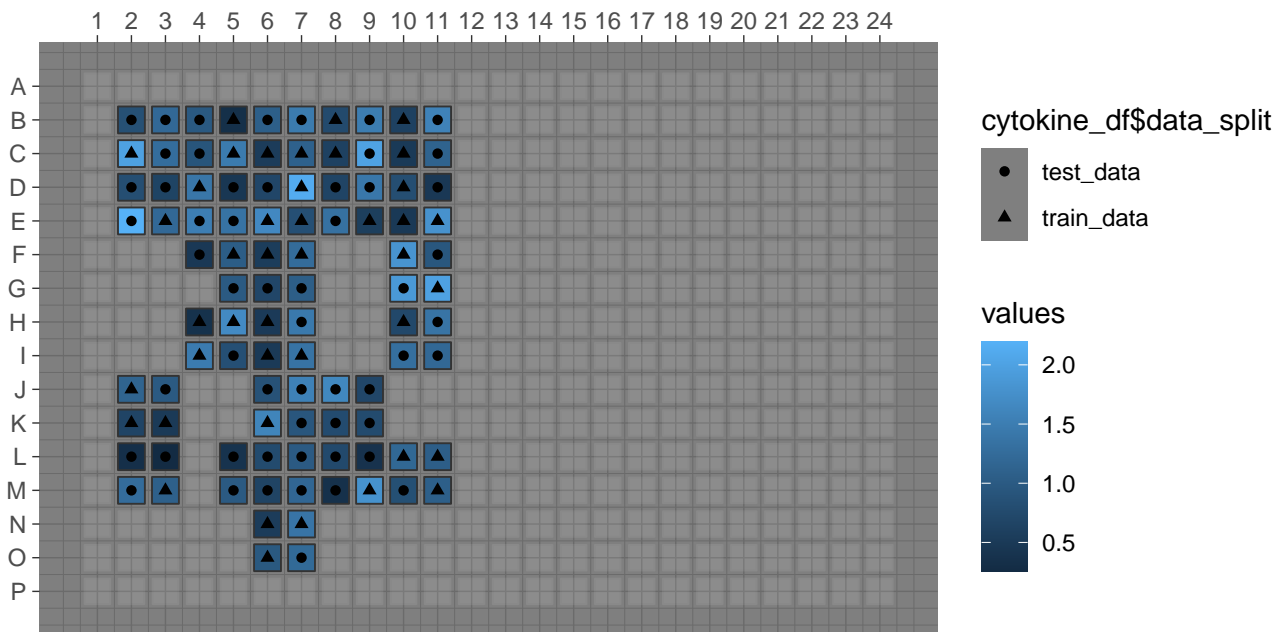Predictive Performance of CCL15 per Well (Final model)

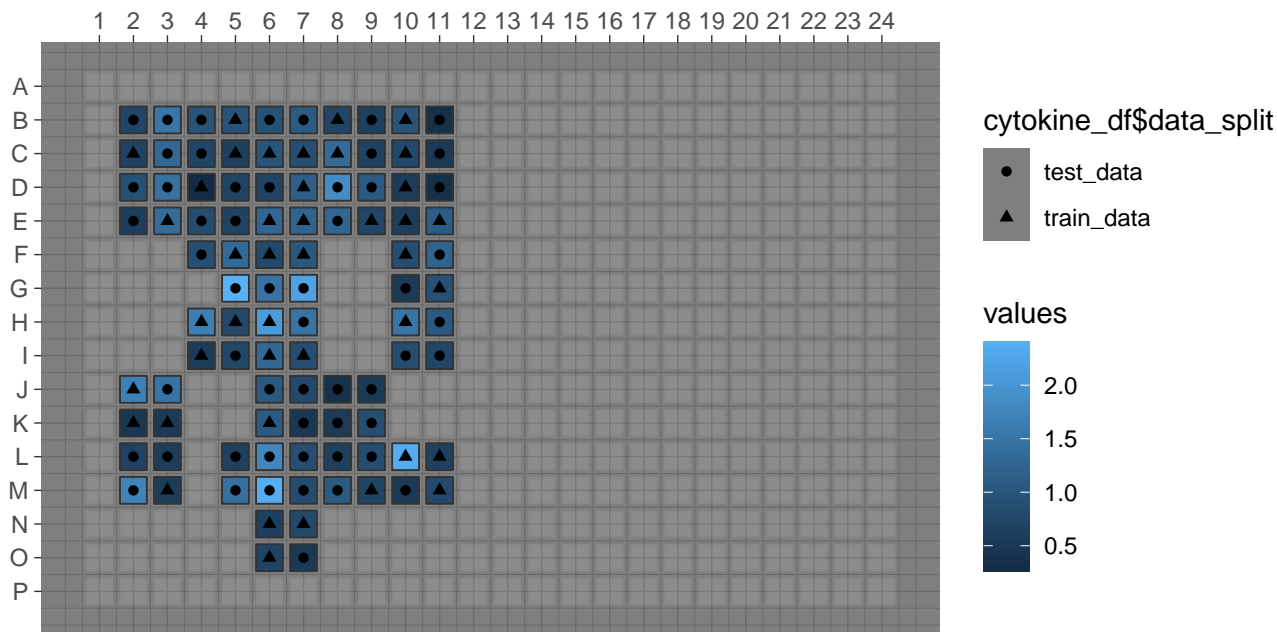Predictive Performance of CXCL14 per Well (Final model)

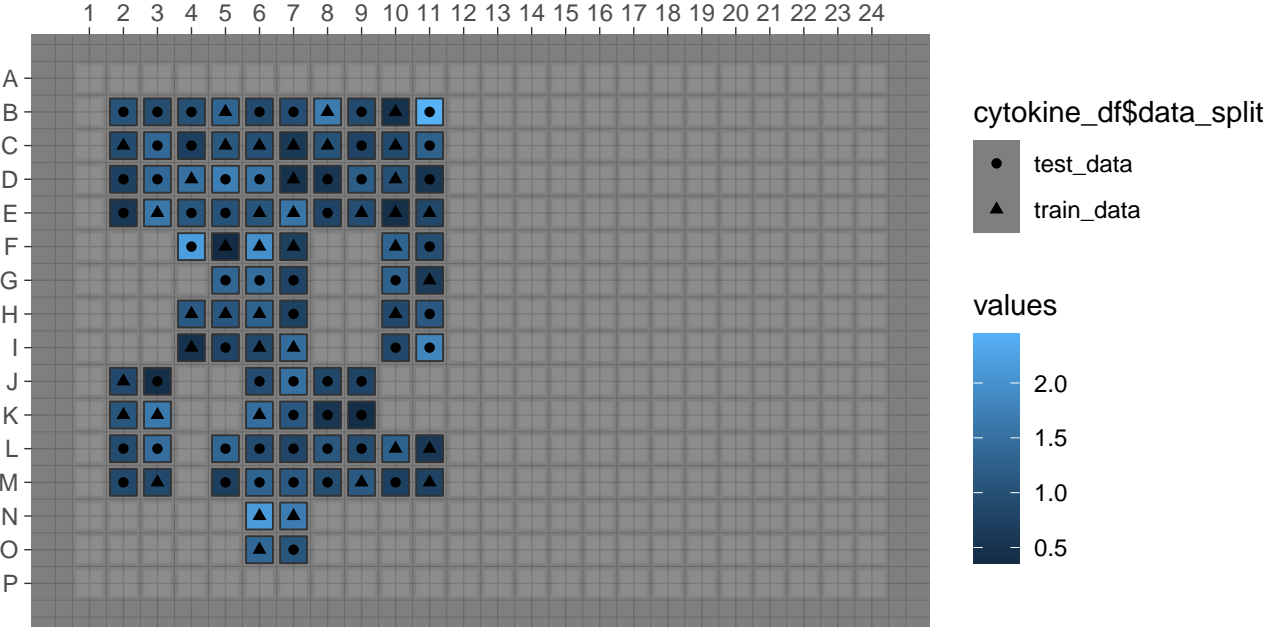Predictive Performance of CCL3 per Well (Final model)
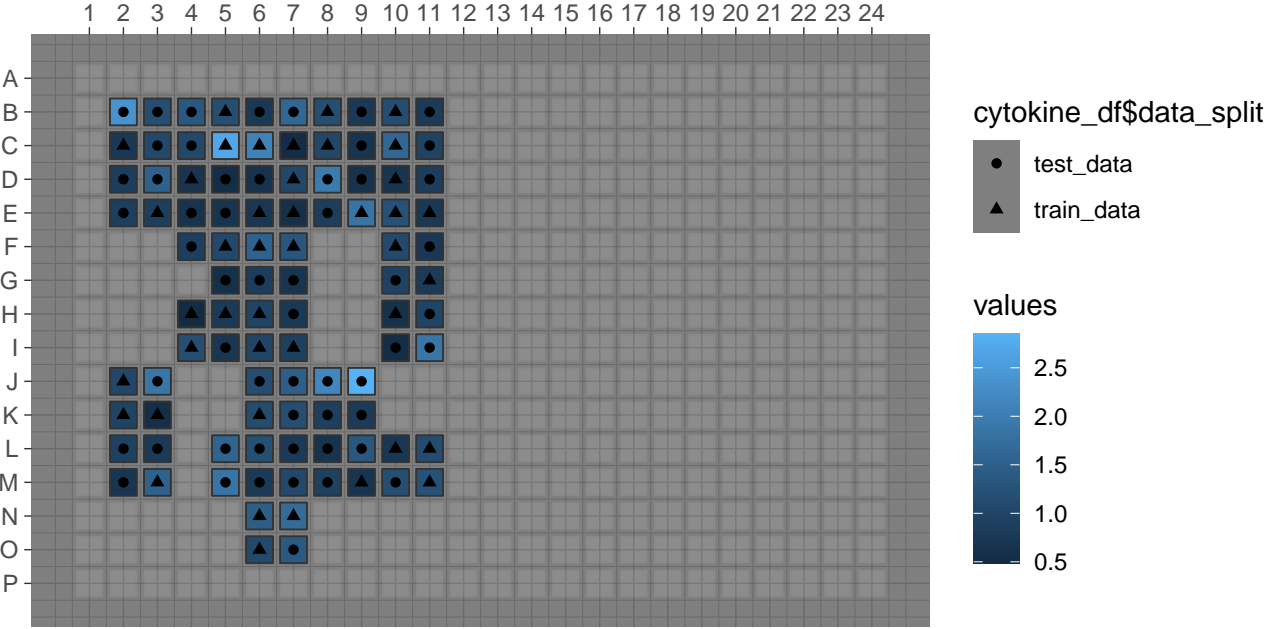
Predictive Performance of EGF per Well (Final model)

Predictive Performance of G−CF per Well (Final model)

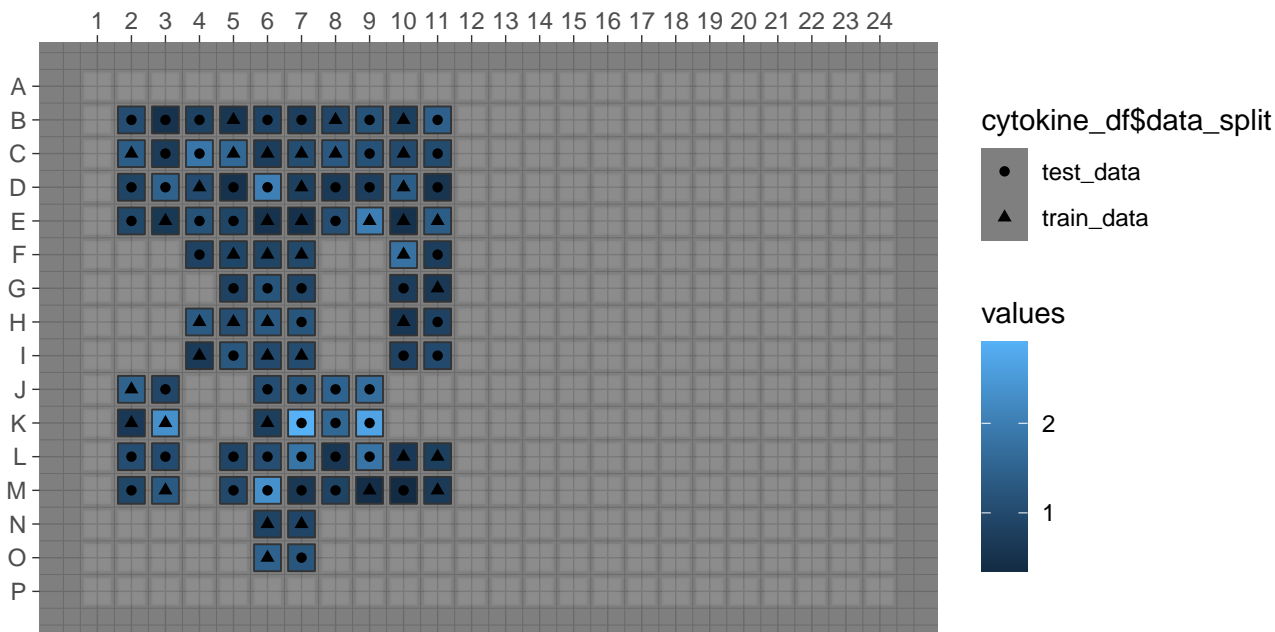Predictive Performance of IL−15_IL−15Ralphacomplex per Well (Final model)

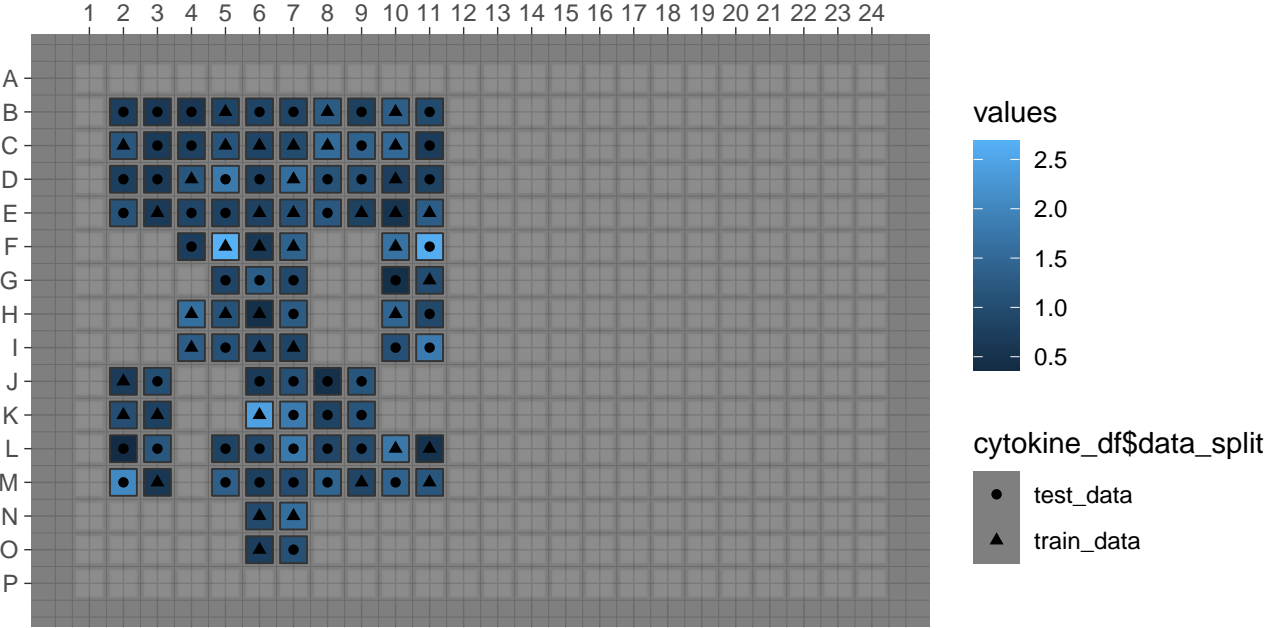Predictive Performance of IL−33 per Well (Final model)

Predictive Performance of IL−3 per Well (Final model)

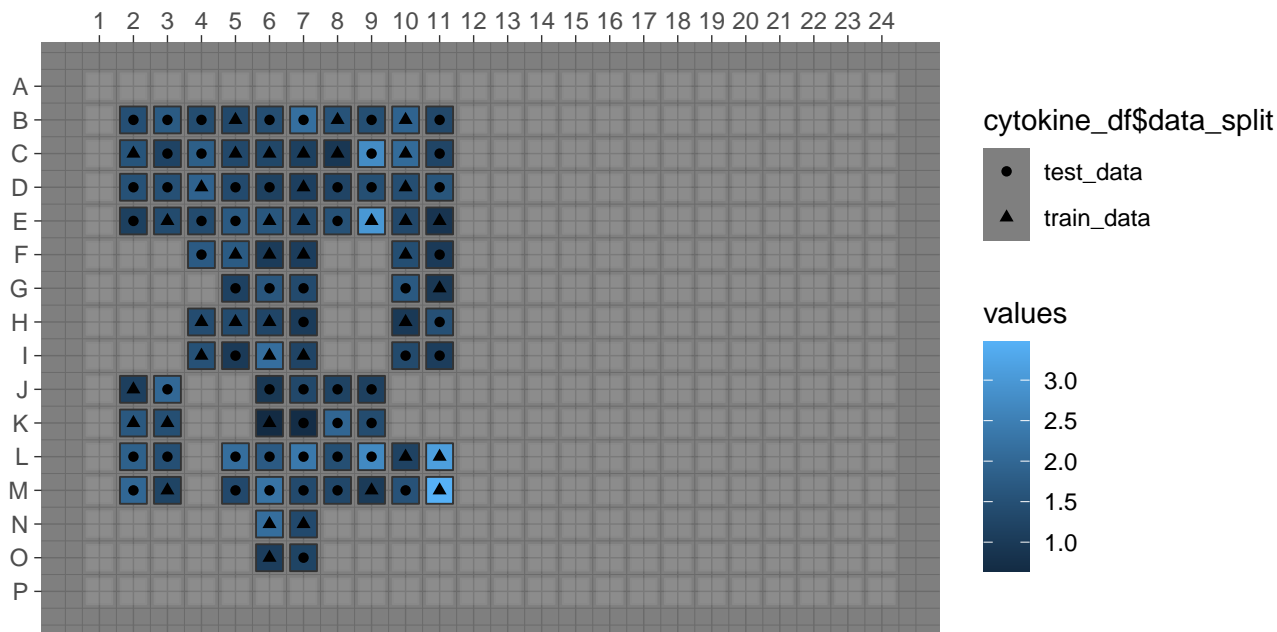Predictive Performance of CytochromeC per Well (Final model)

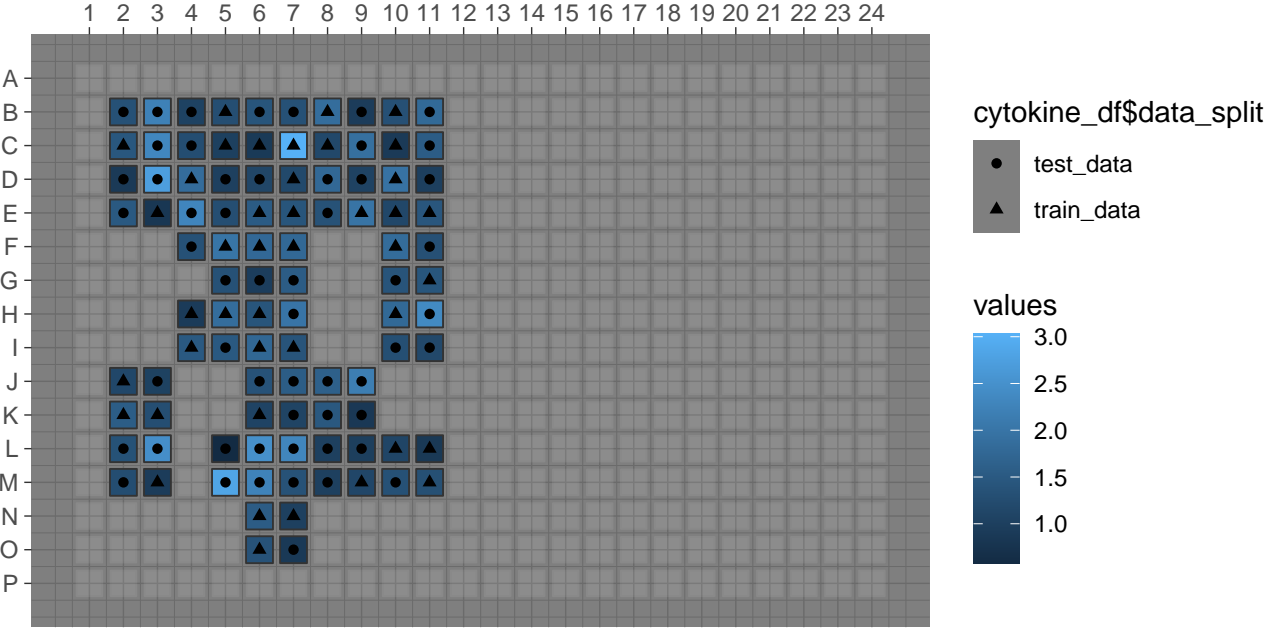Predictive Performance of Resistin per Well (Final model)

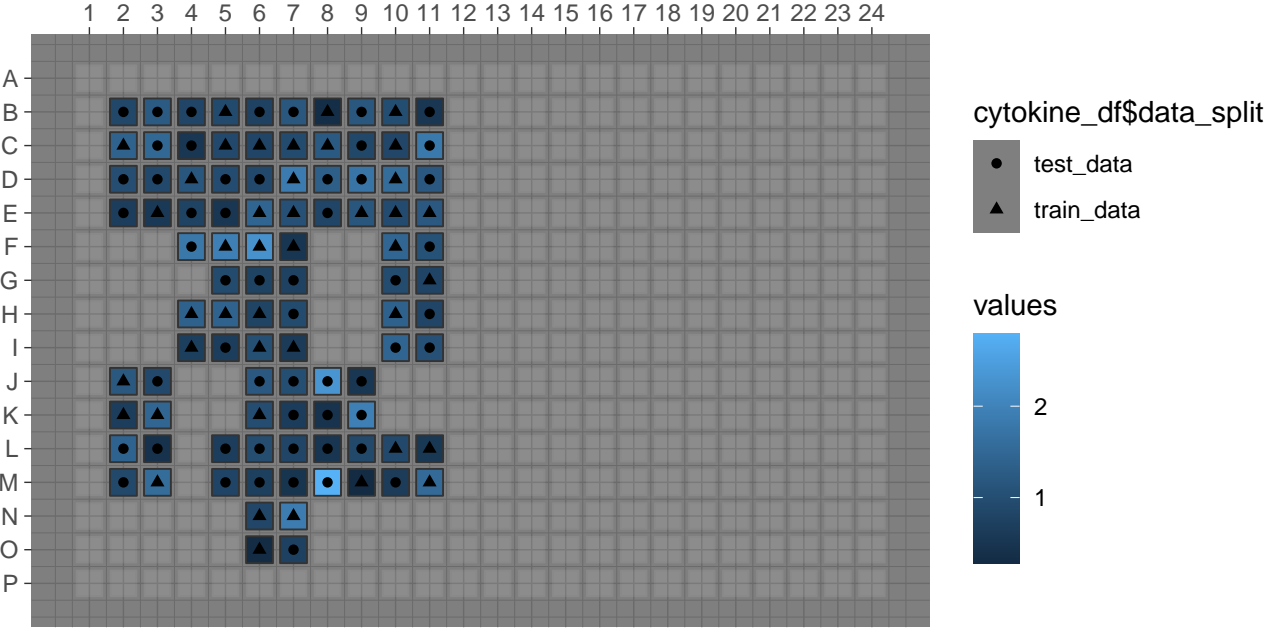Predictive Performance of CCL19 per Well (Final model)

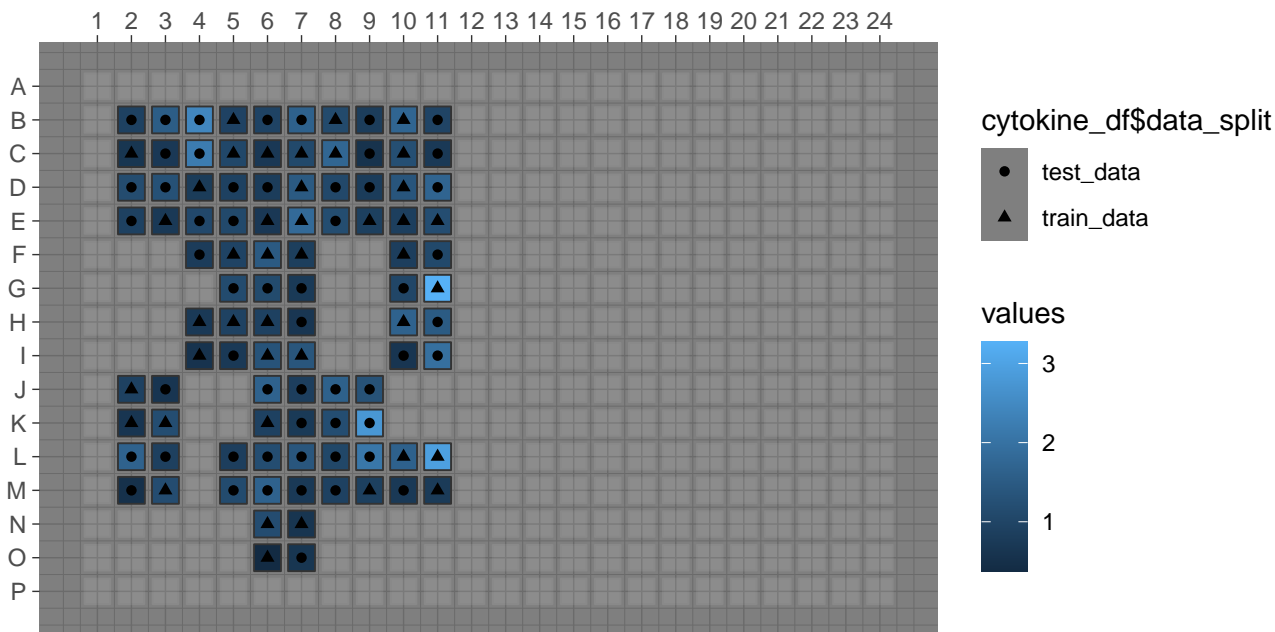Predictive Performance of CCL24 per Well (Final model)

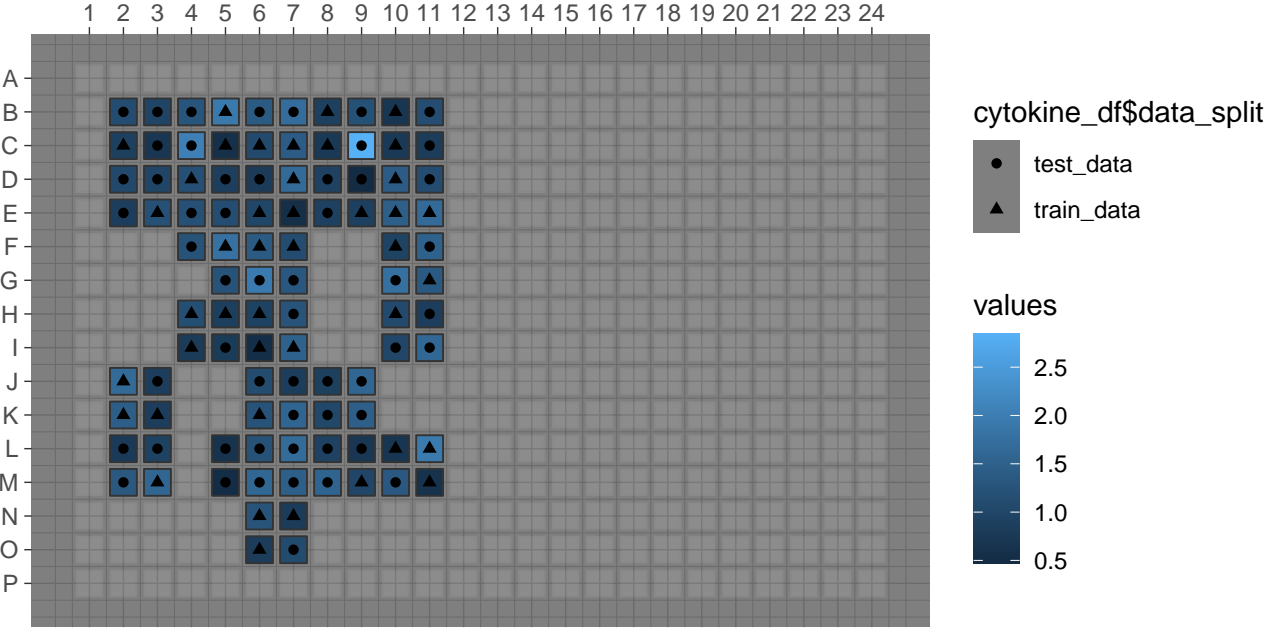Predictive Performance of TFRII per Well (Final model)
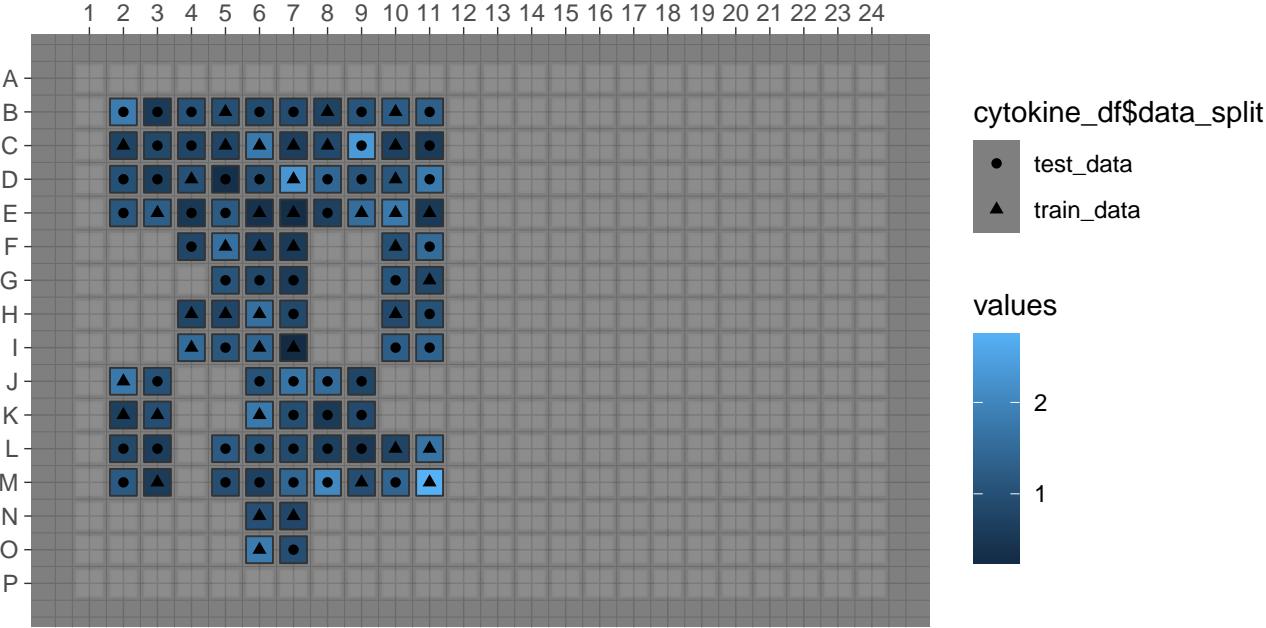
Predictive Performance of CCL23 per Well (Final model)

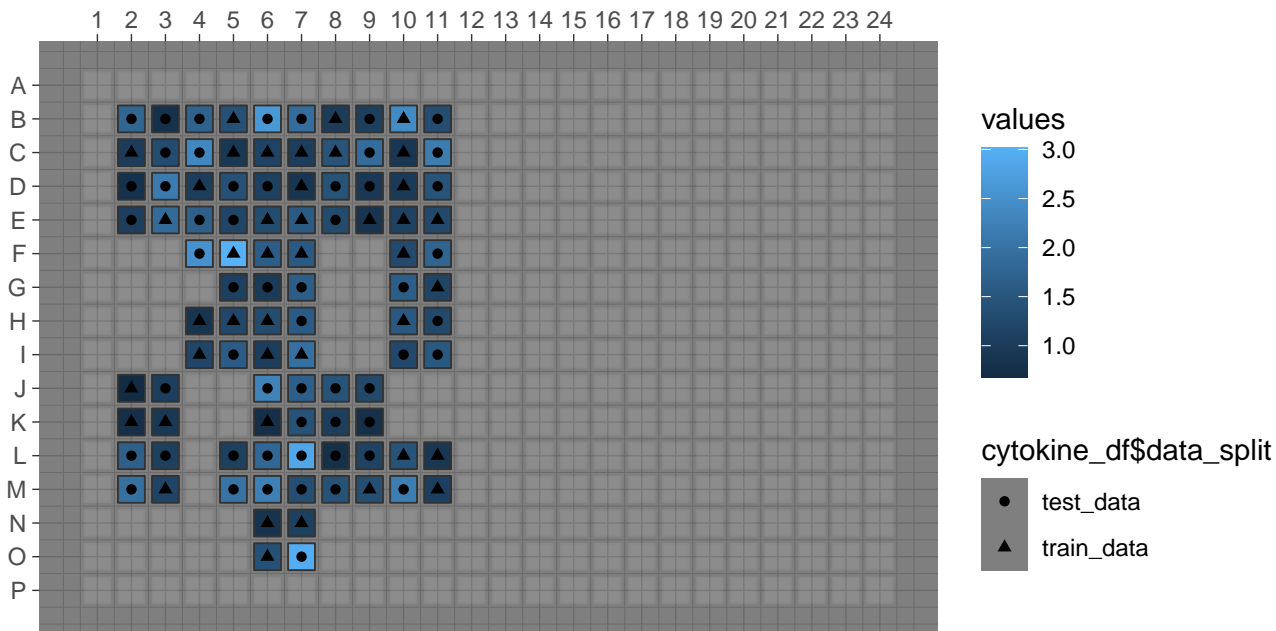Predictive Performance of CXCL7 per Well (Final model)

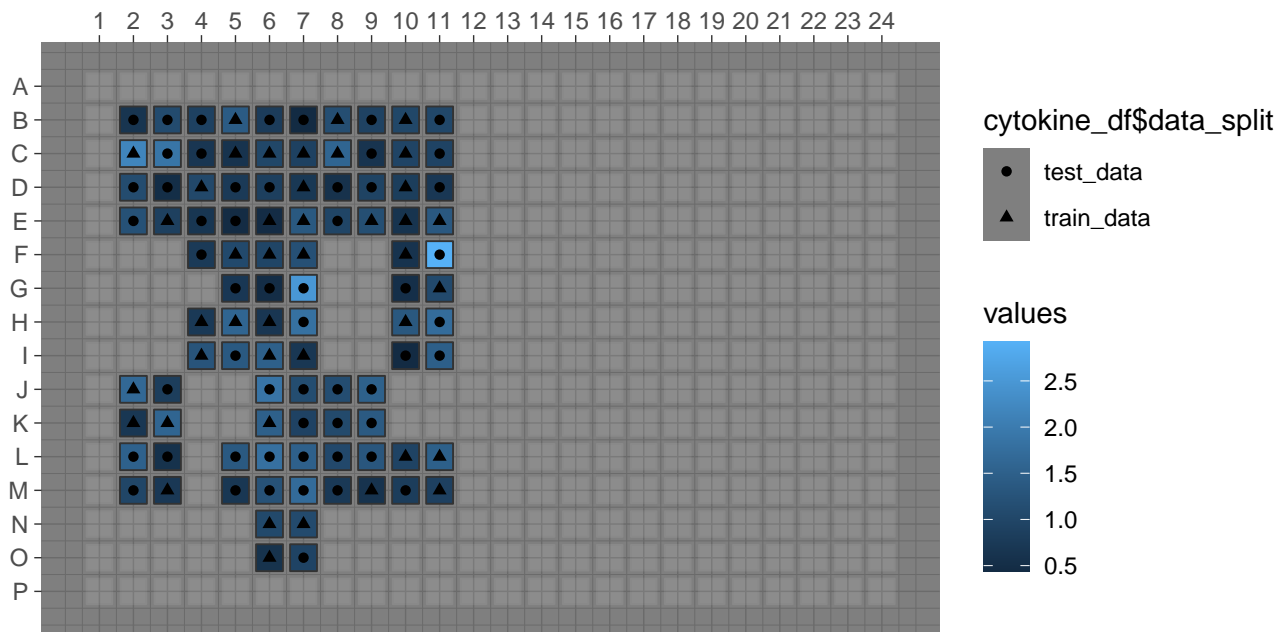Predictive Performance of PTX3(Pentraxin3) per Well (Final model)

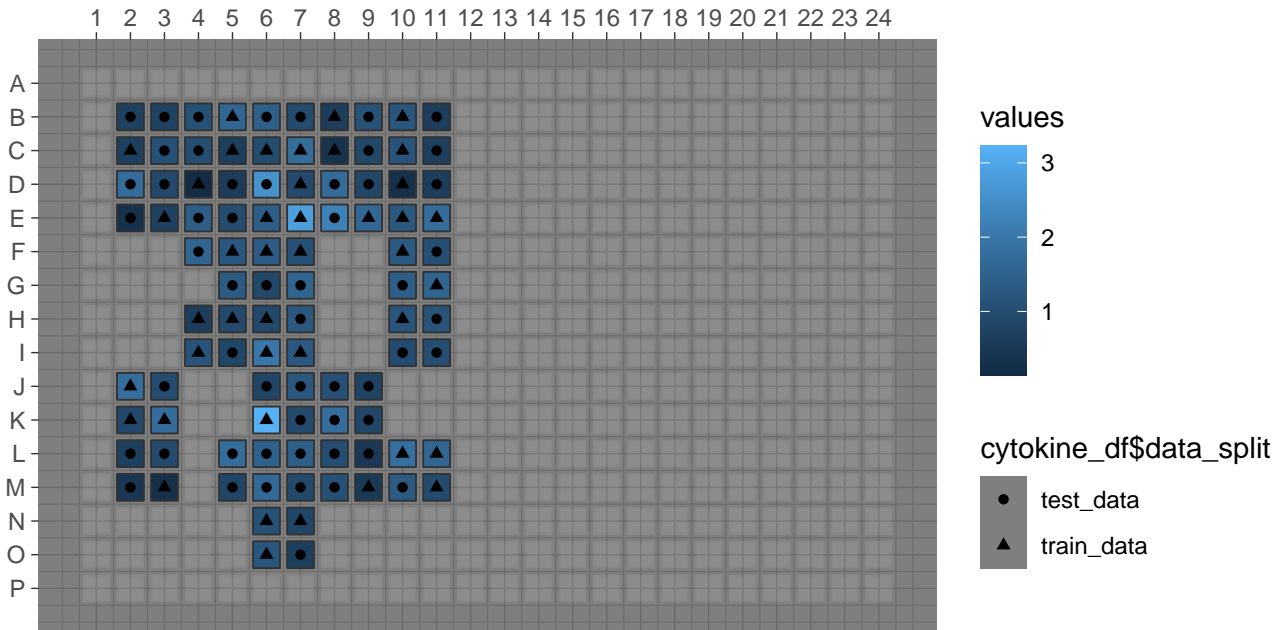Predictive Performance of IL−12p35 per Well (Final model)

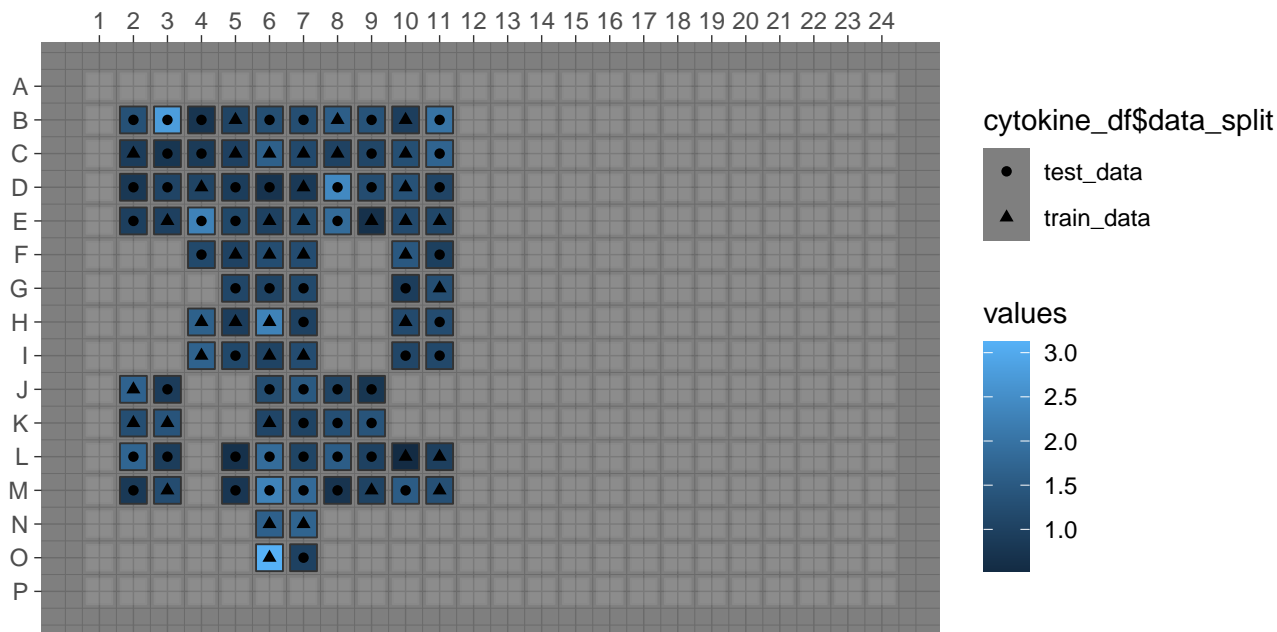Predictive Performance of CCL2 per Well (Final model)

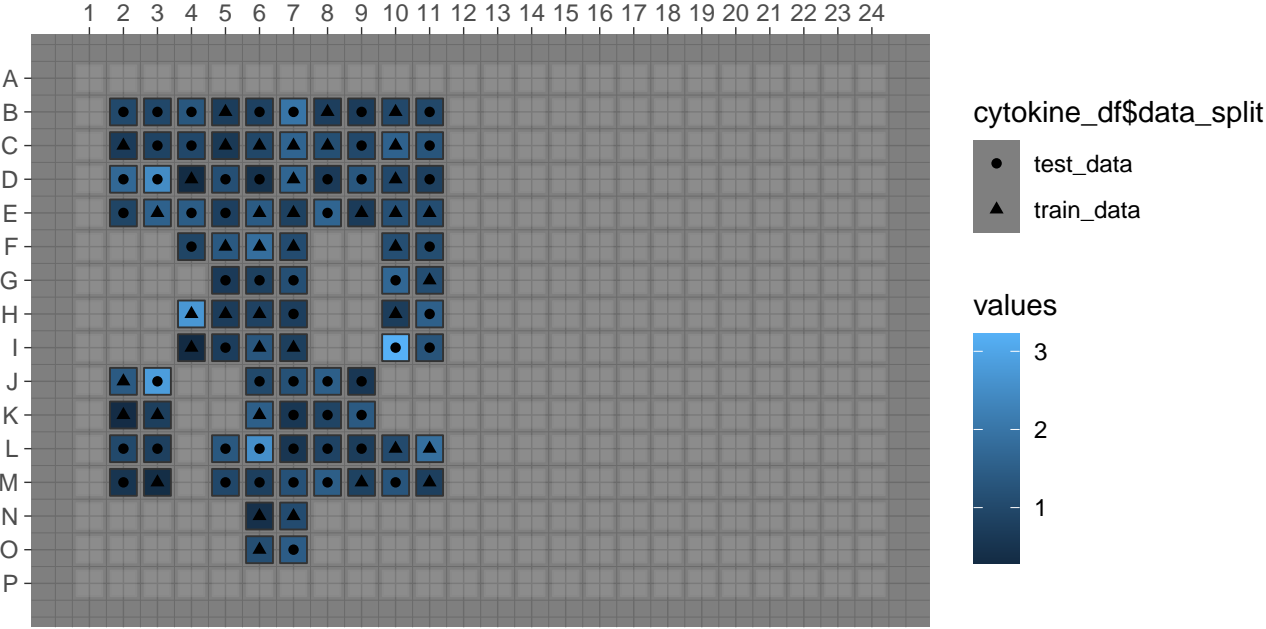Predictive Performance of Leptin per Well (Final model)

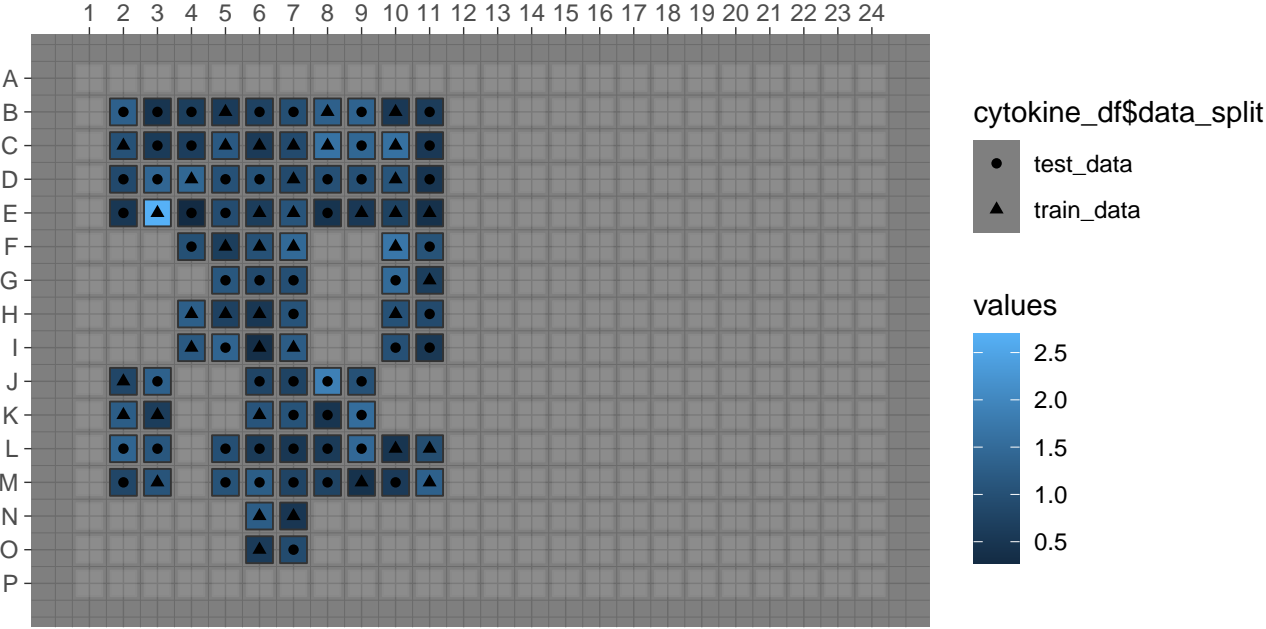Predictive Performance of BMP2 per Well (Final model)
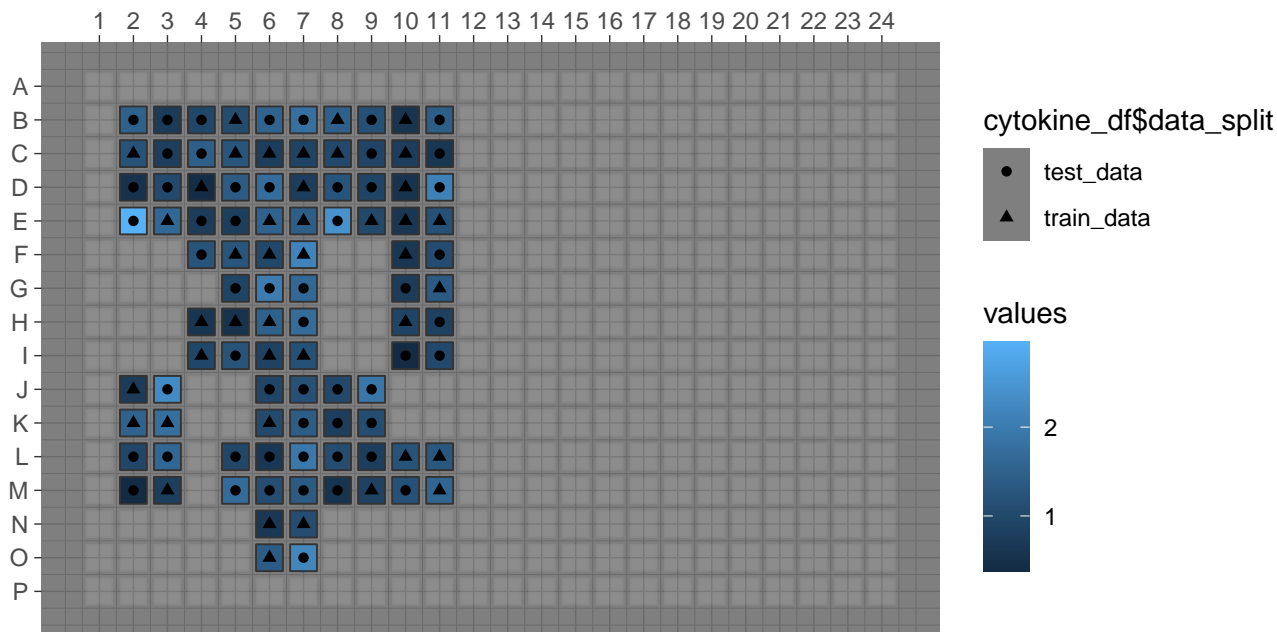
Predictive Performance of IFbeta per Well (Final model)

Predictive Performance of CCL21 per Well (Final model)

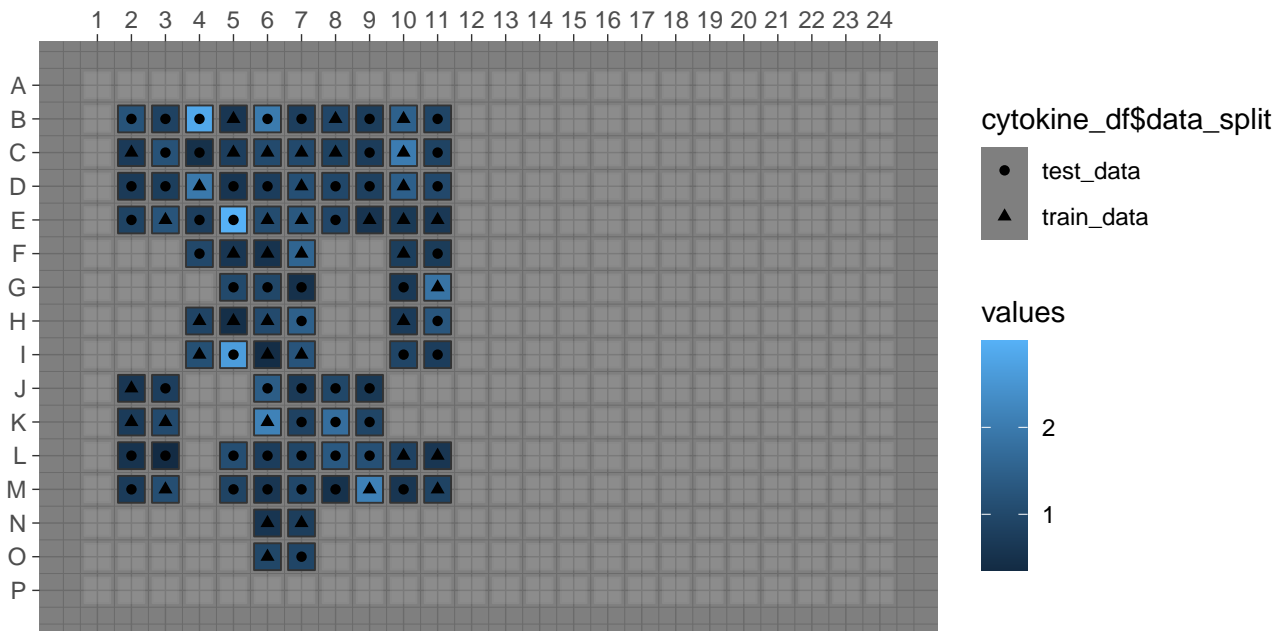Predictive Performance of TFRIII(LymphotoxinBetaR) per Well (Final model)

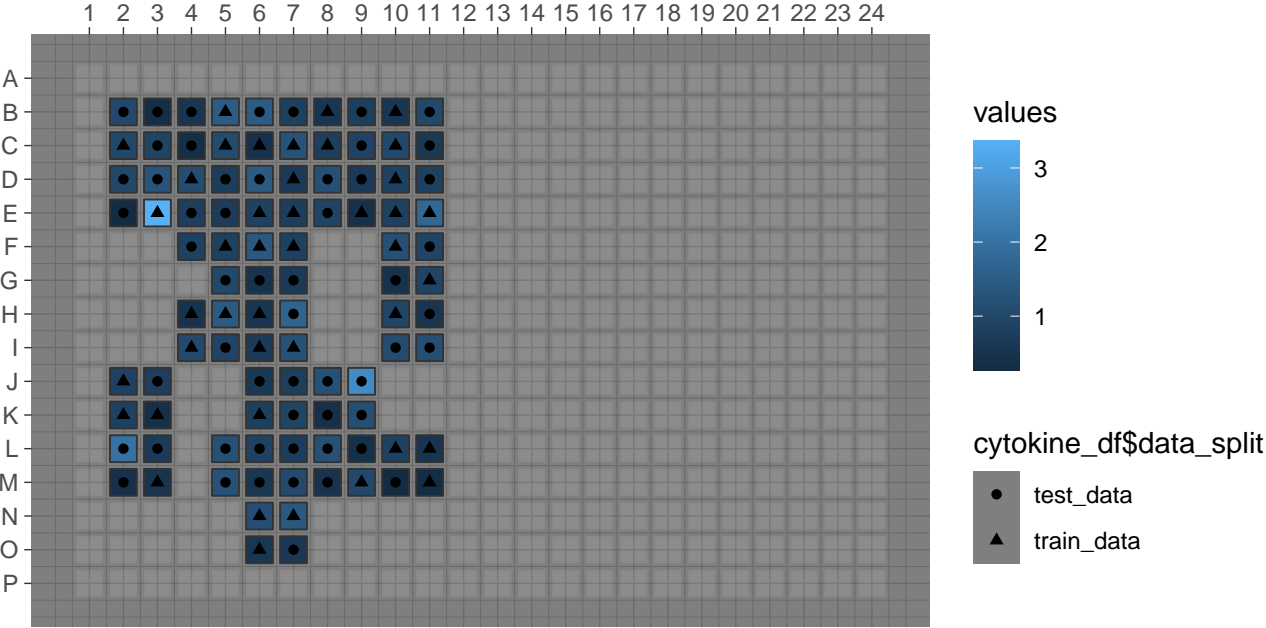Predictive Performance of IL−12p70 per Well (Final model)

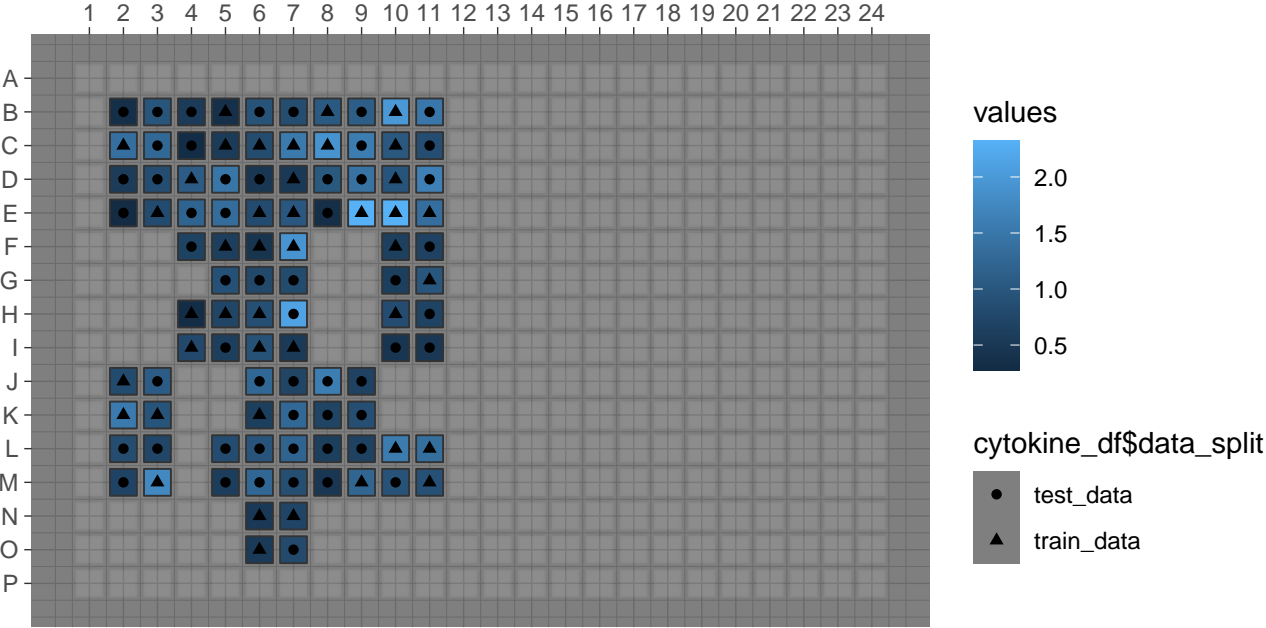Predictive Performance of GDF per Well (Final model)

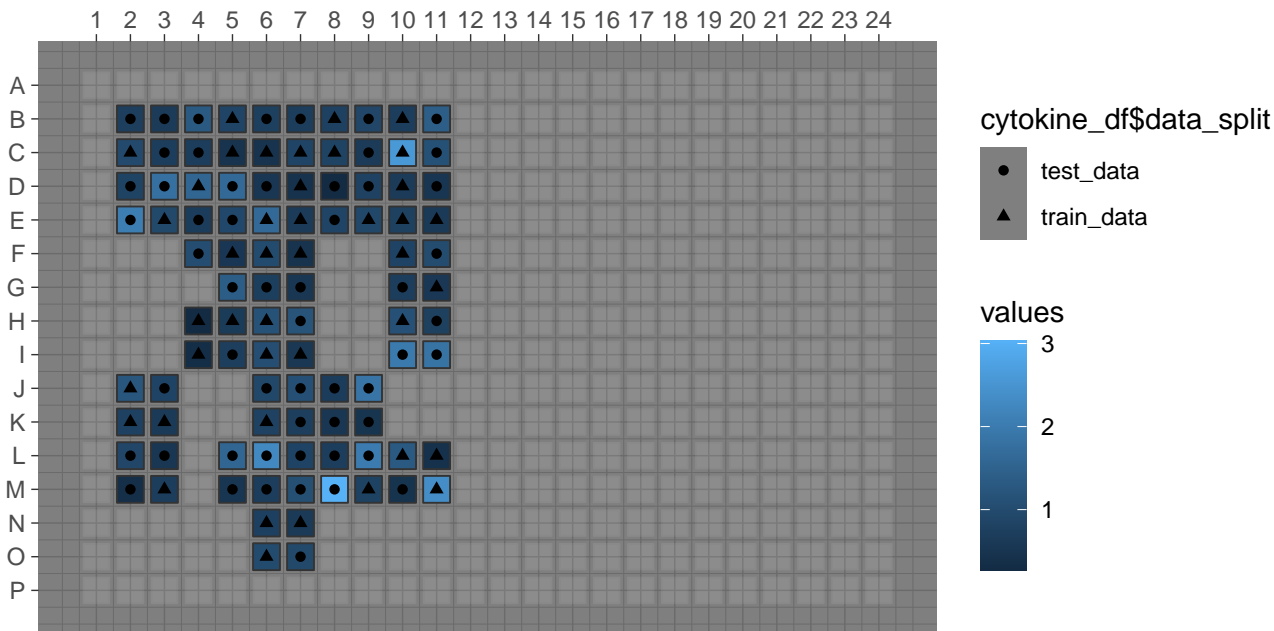Predictive Performance of PDGF−BB per Well (Final model)

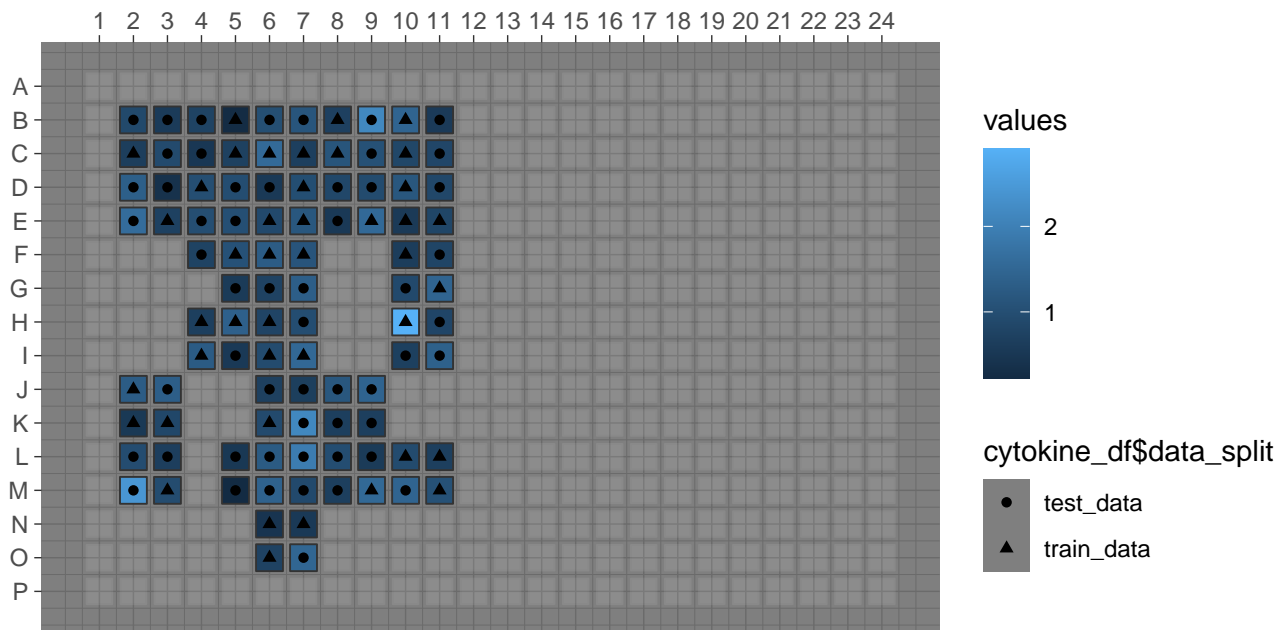Predictive Performance of IL−11 per Well (Final model)

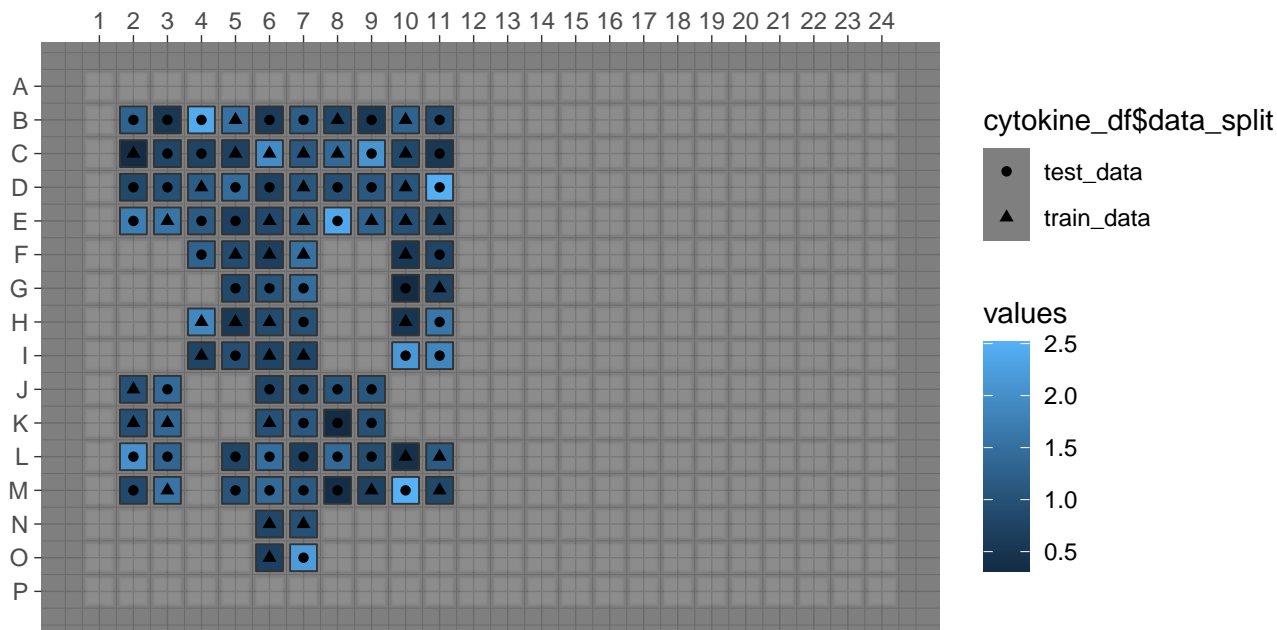Predictive Performance of Flt−3Ligand per Well (Final model)

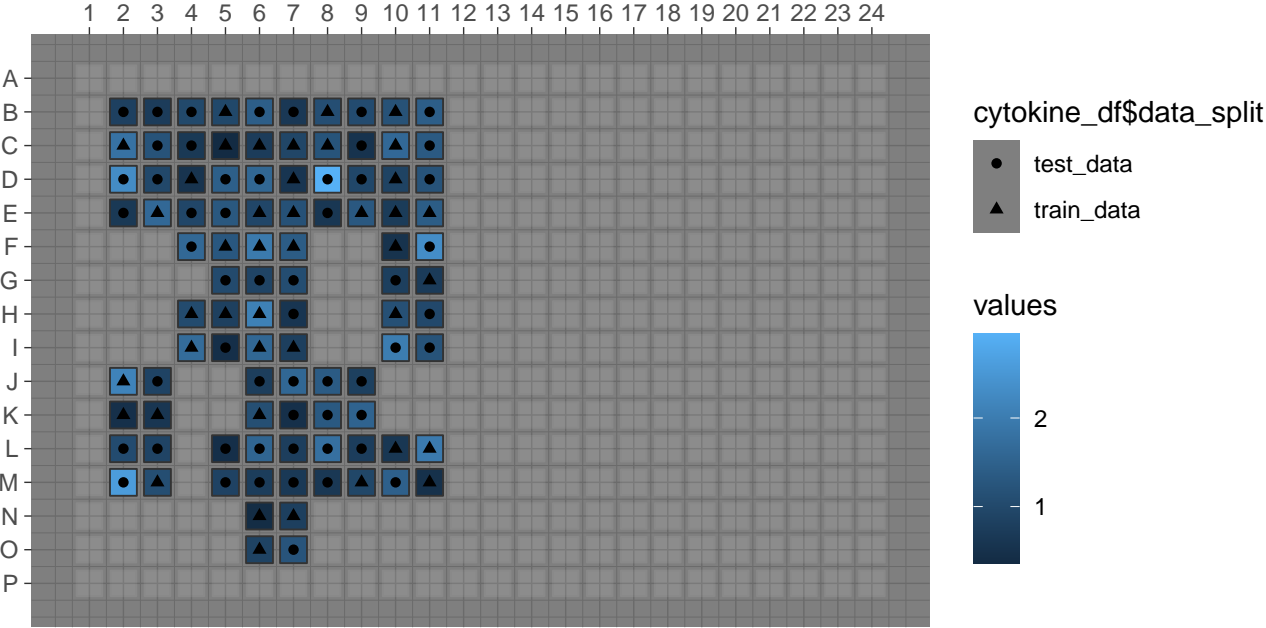Predictive Performance of GranzymeB per Well (Final model)

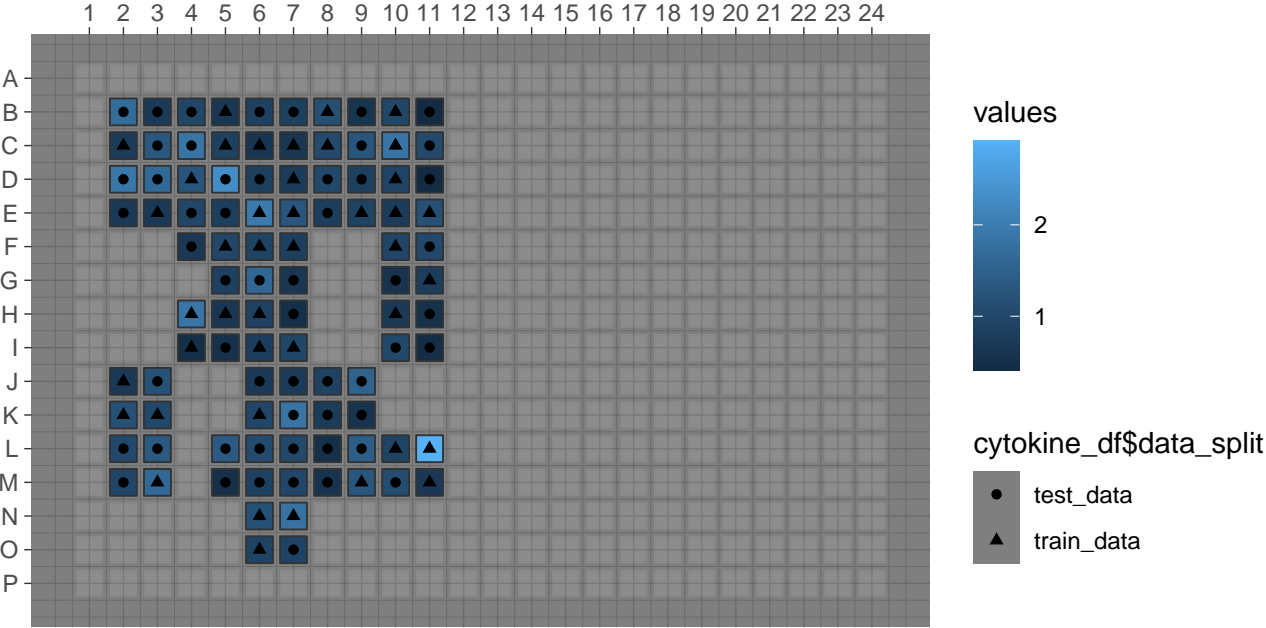Predictive Performance of HVEM per Well (Final model)

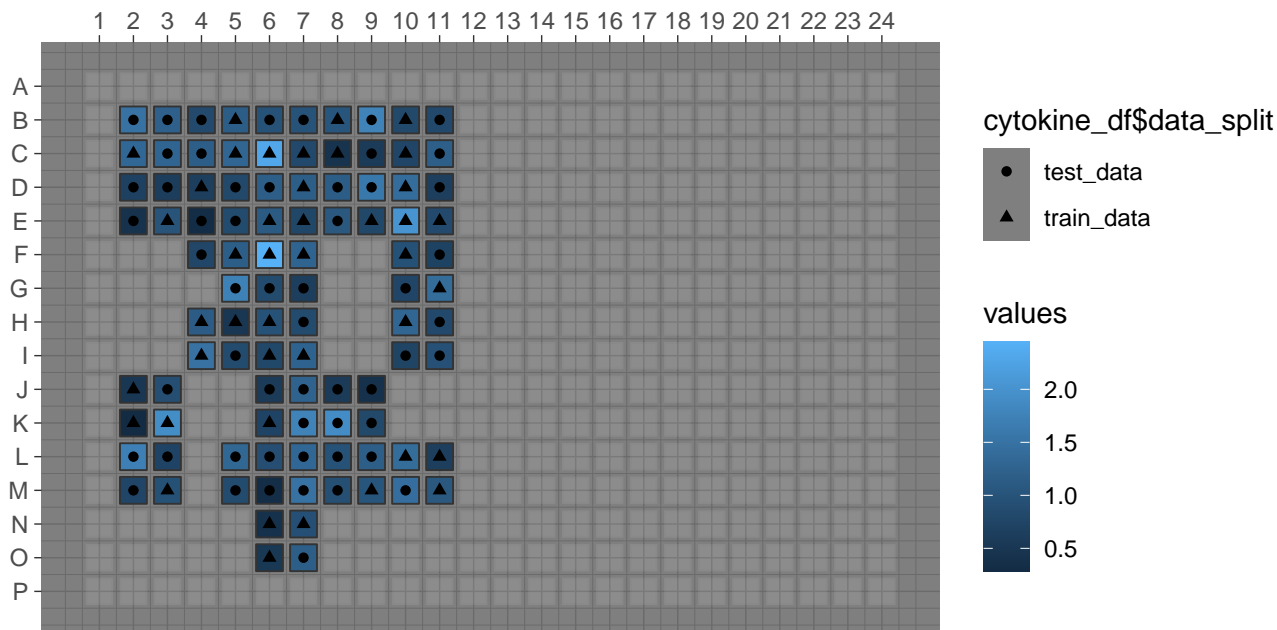Predictive Performance of TFRI per Well (Final model)

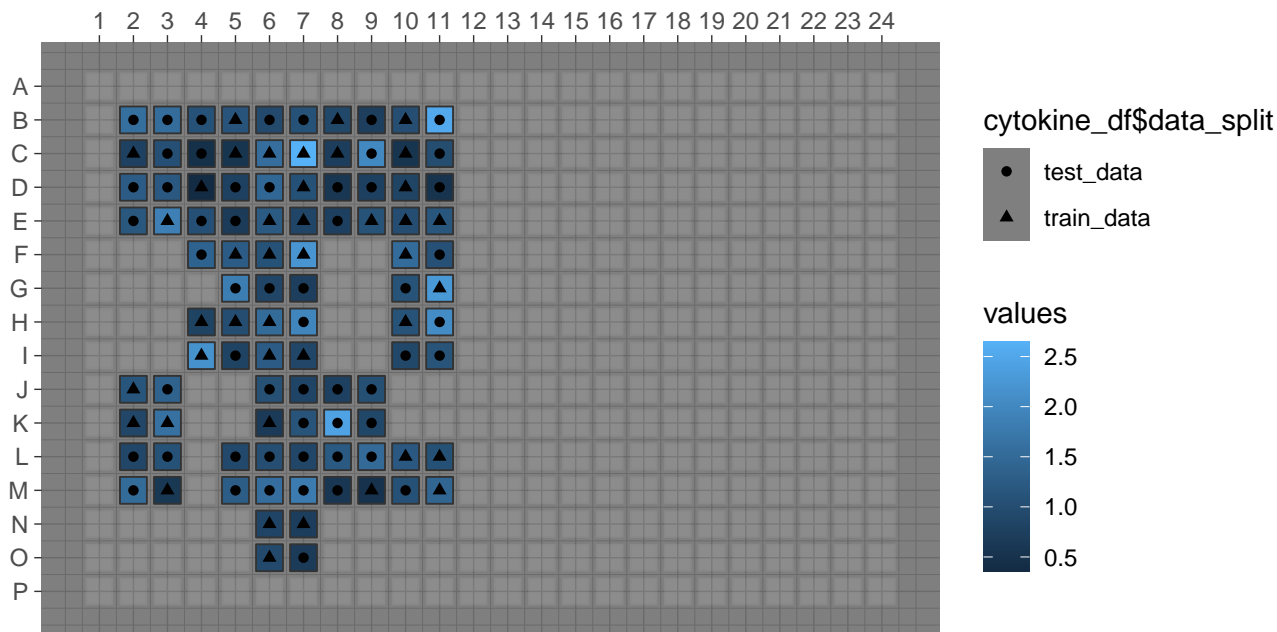Predictive Performance of T2(IL−33R) per Well (Final model)

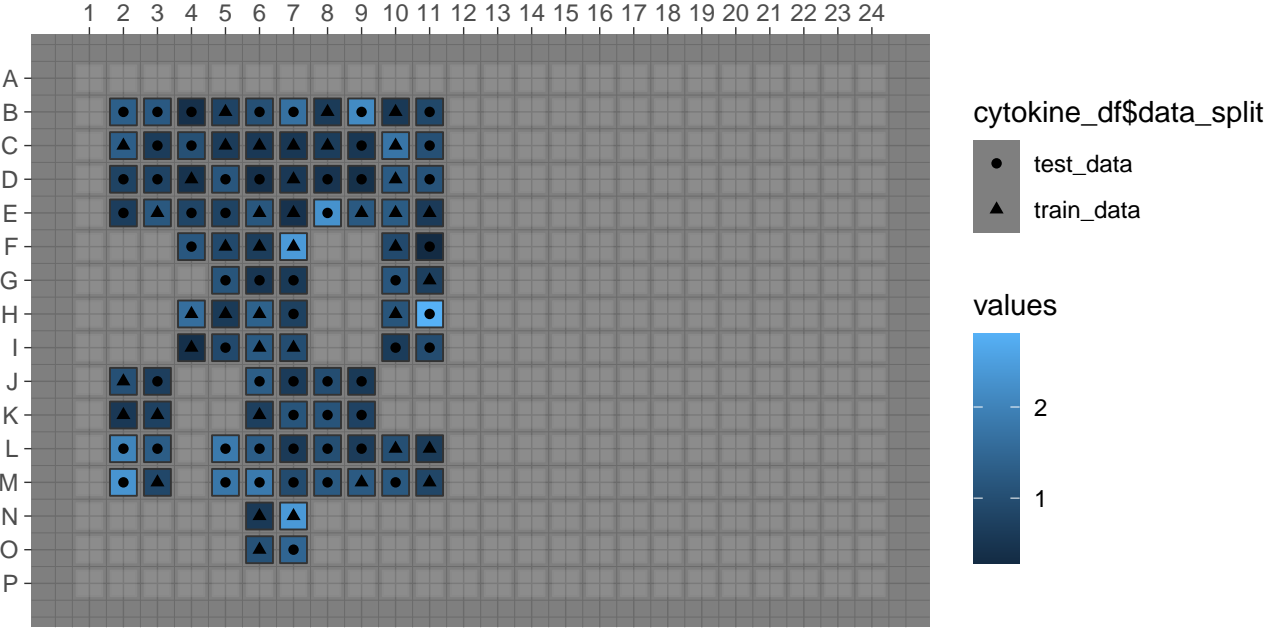Predictive Performance of TGF−beta2 per Well (Final model)

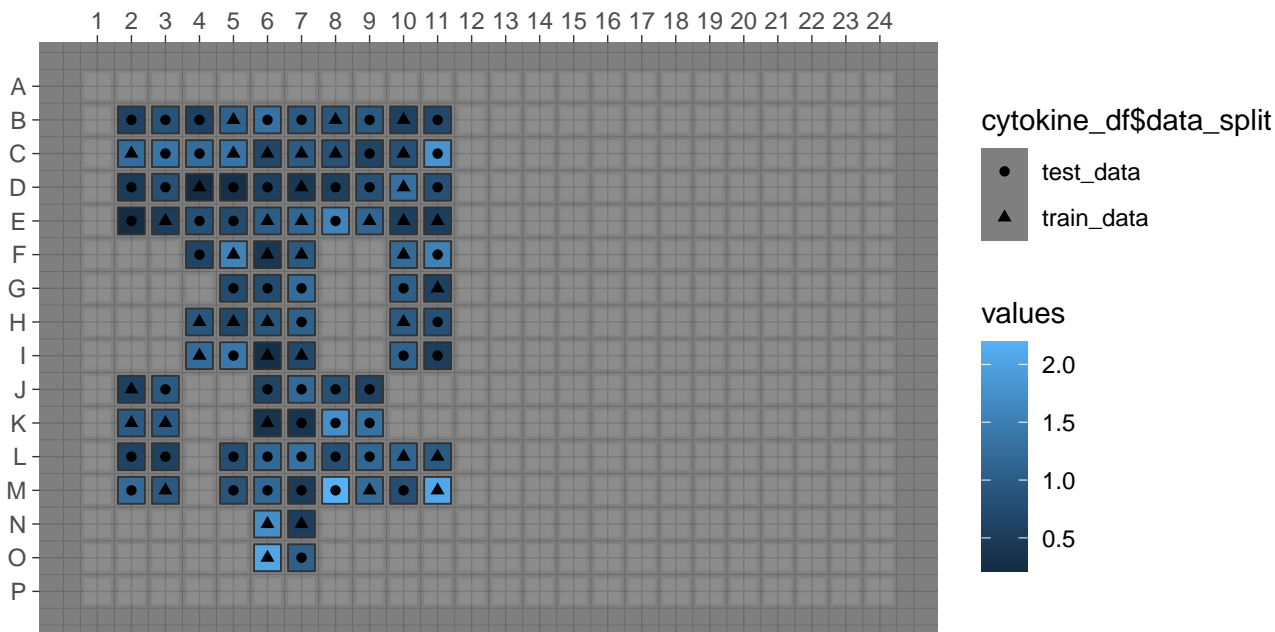Predictive Performance of WIP−1(CC4) per Well (Final model)

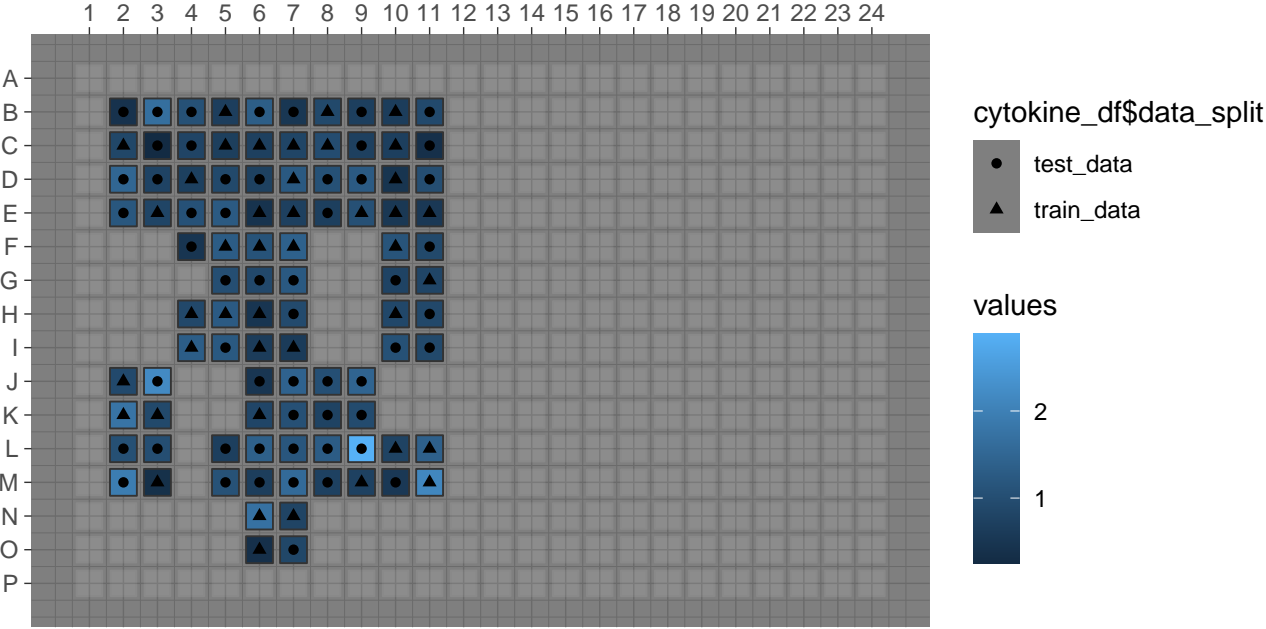Predictive Performance of IL−17D per Well (Final model)

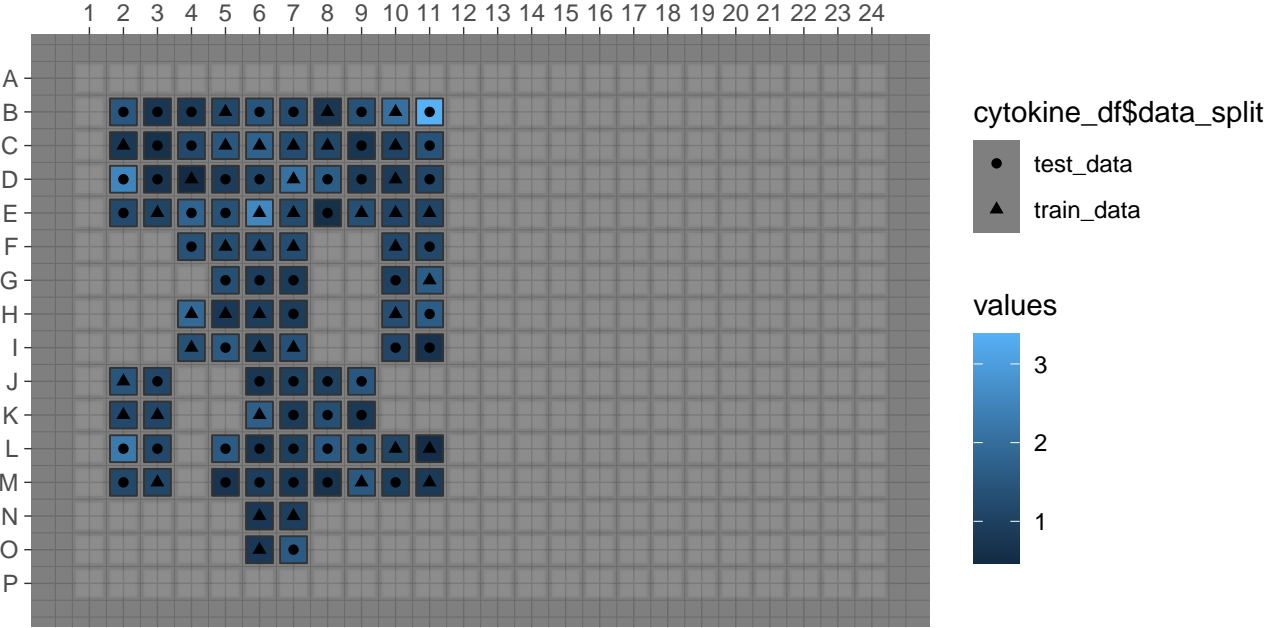Predictive Performance of IL−29 per Well (Final model)

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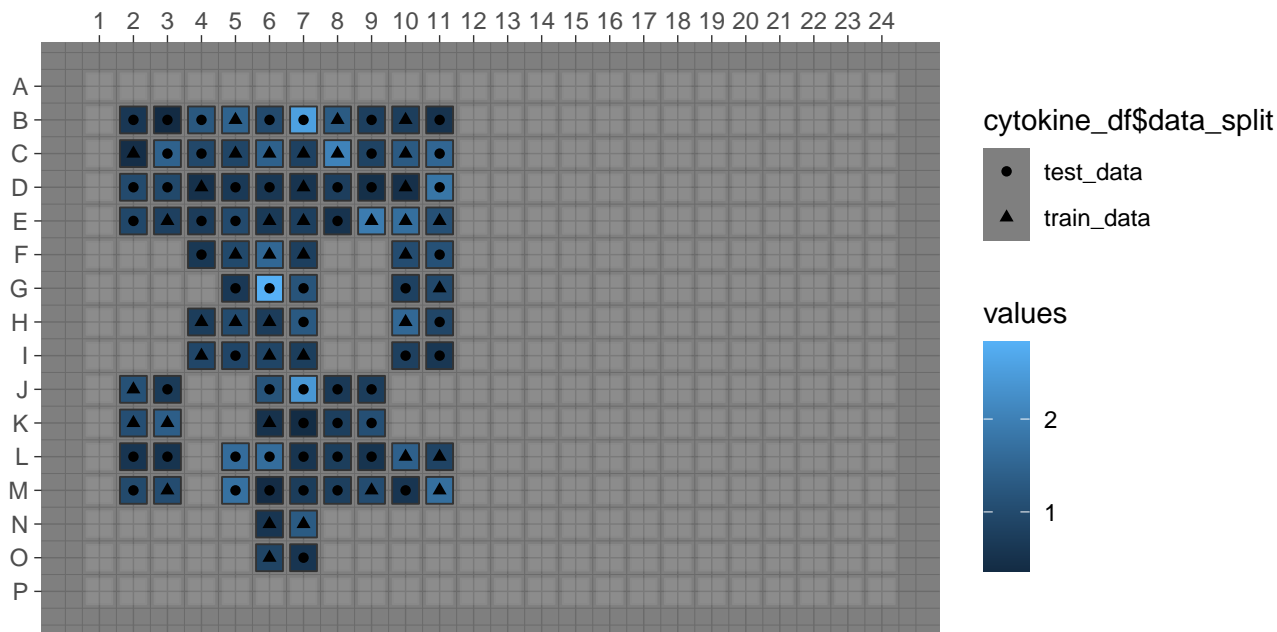
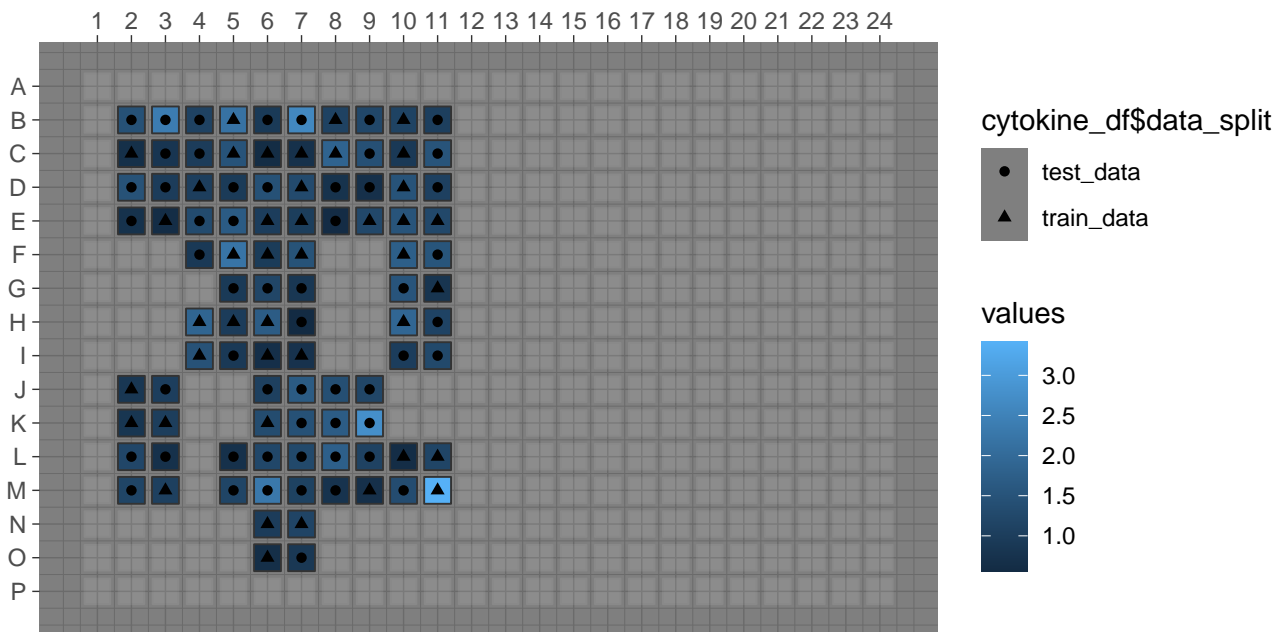Predictive Performance of CX3CL1 per Well (Final model)

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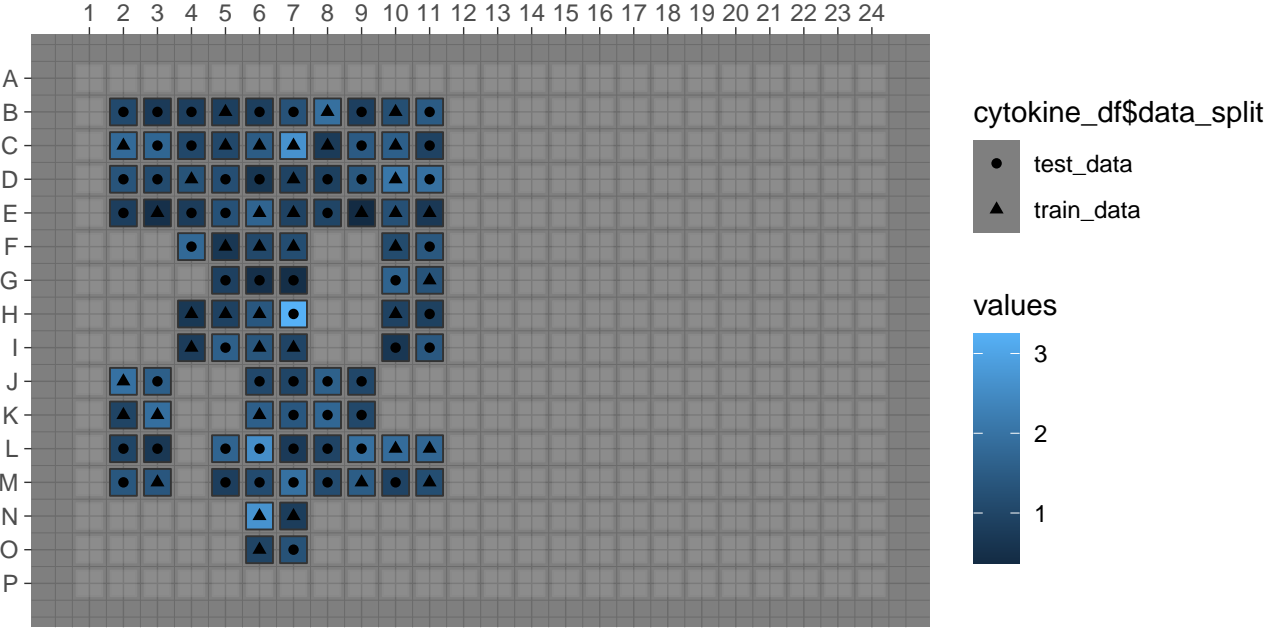
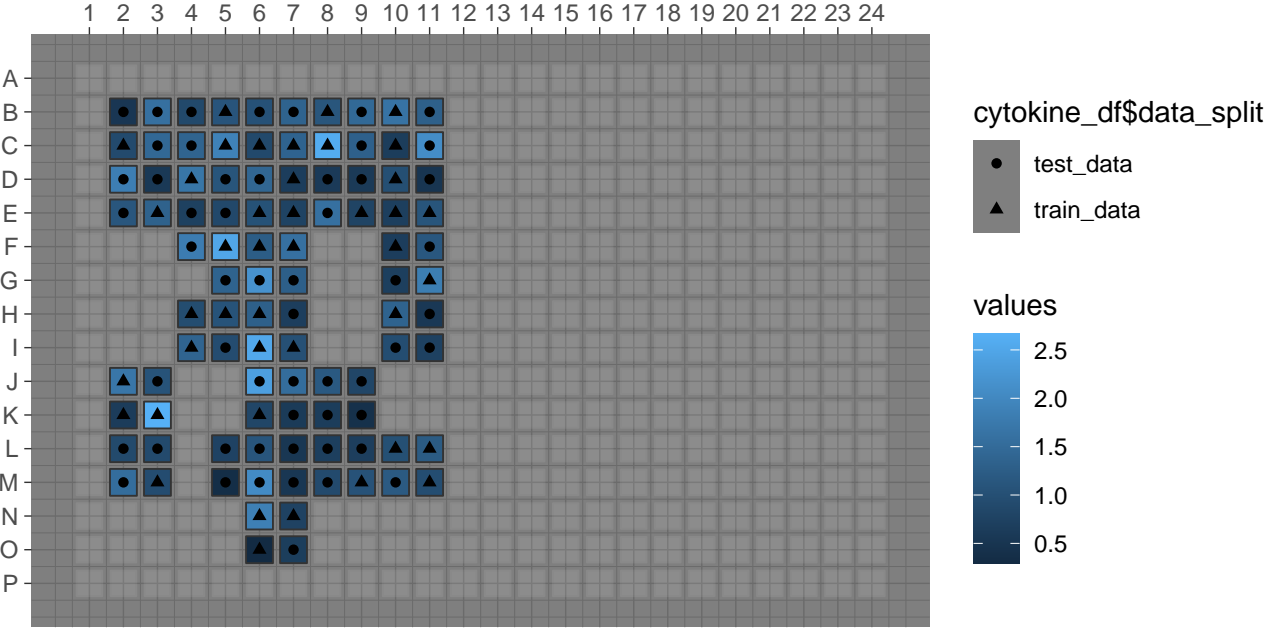Predictive Performance of IL−31 per Well (Final model)

Predictive Performance of FGFR3(IIIc) per Well (Final model)
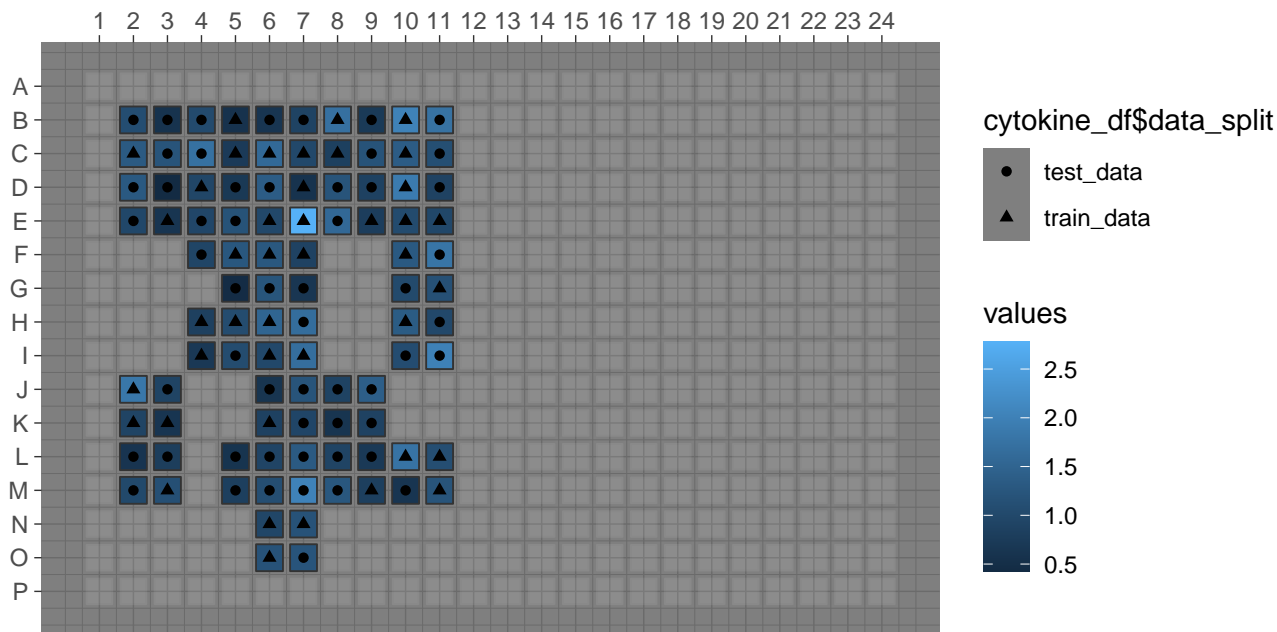
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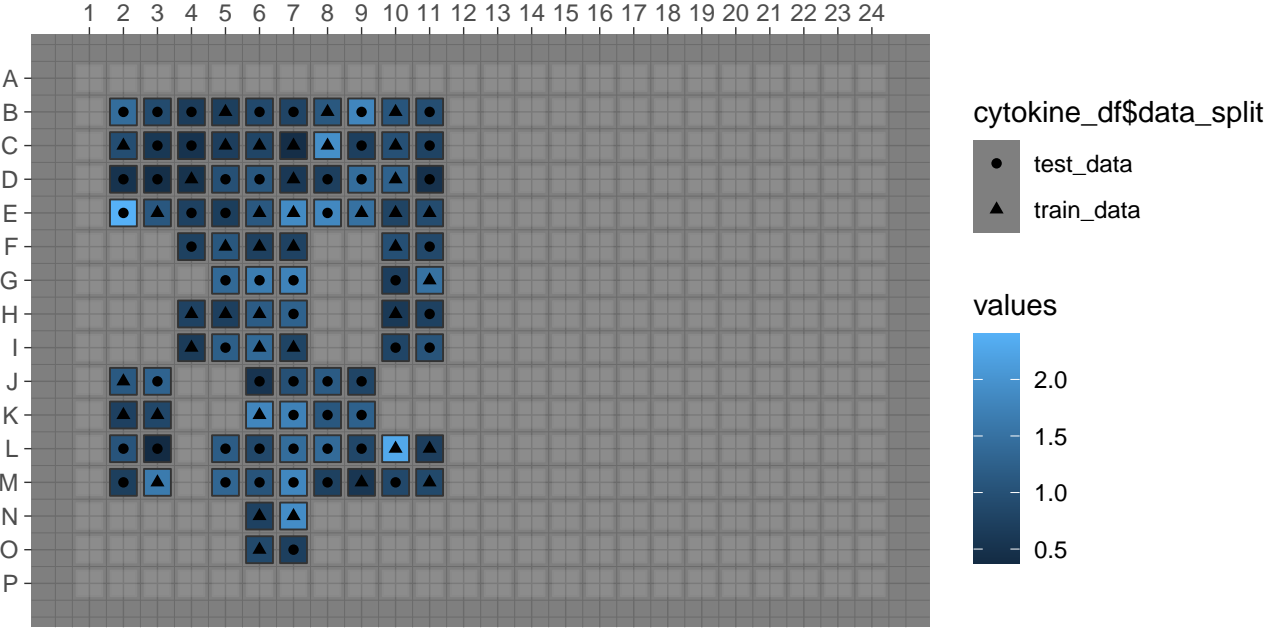
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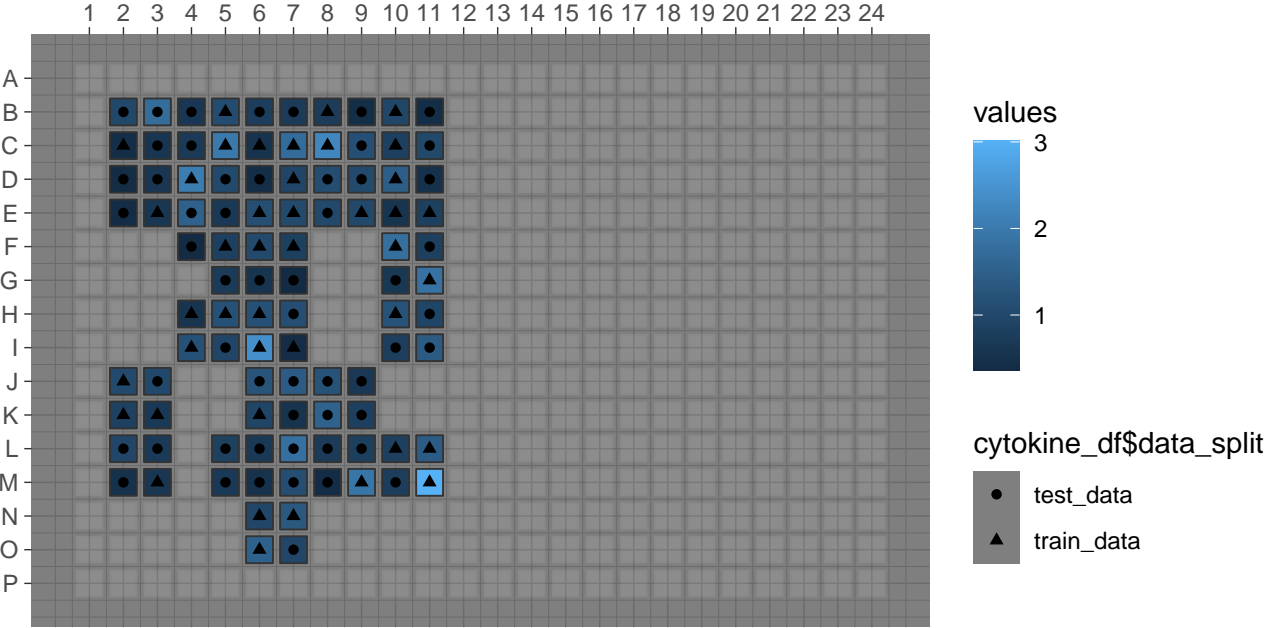Predictive Performance of BMP6 per Well (Final model)

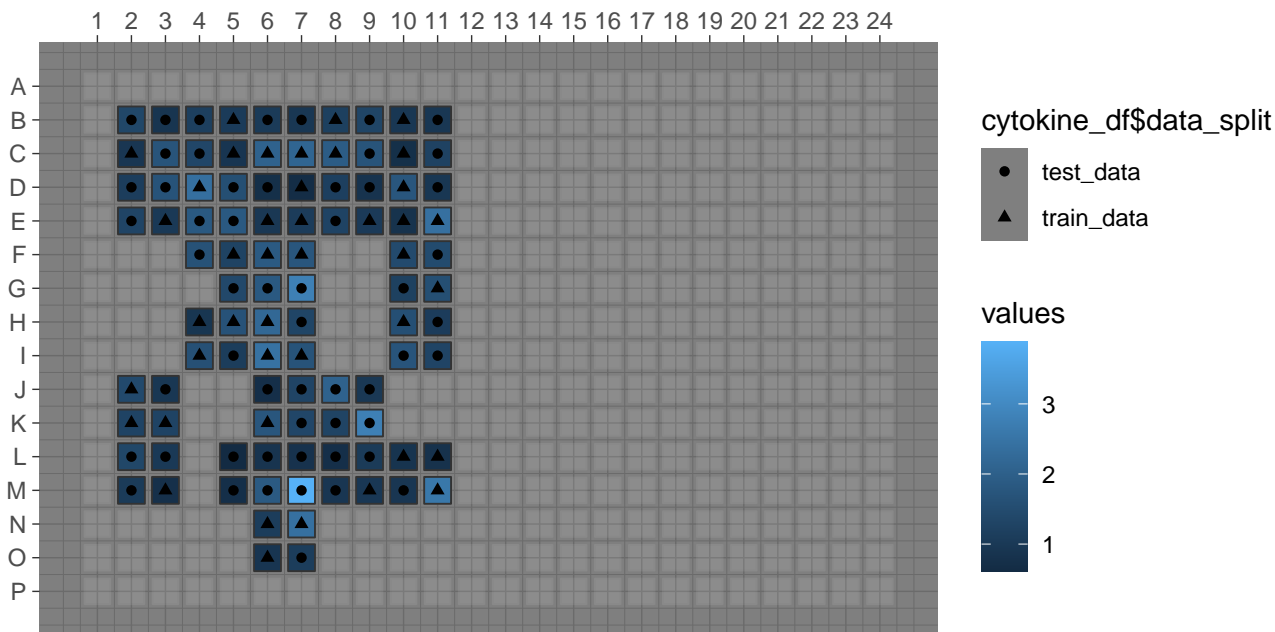Predictive Performance of IL−7 per Well (Final model)
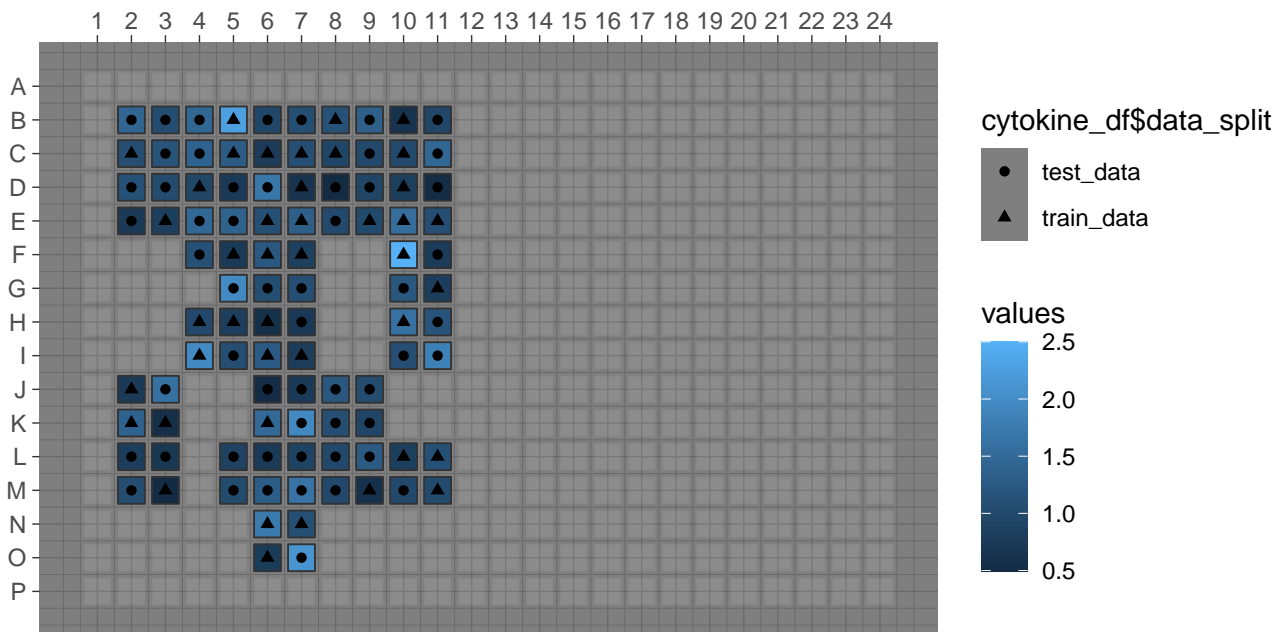
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Predictive Performance of FGF−19 per Well (Final model)
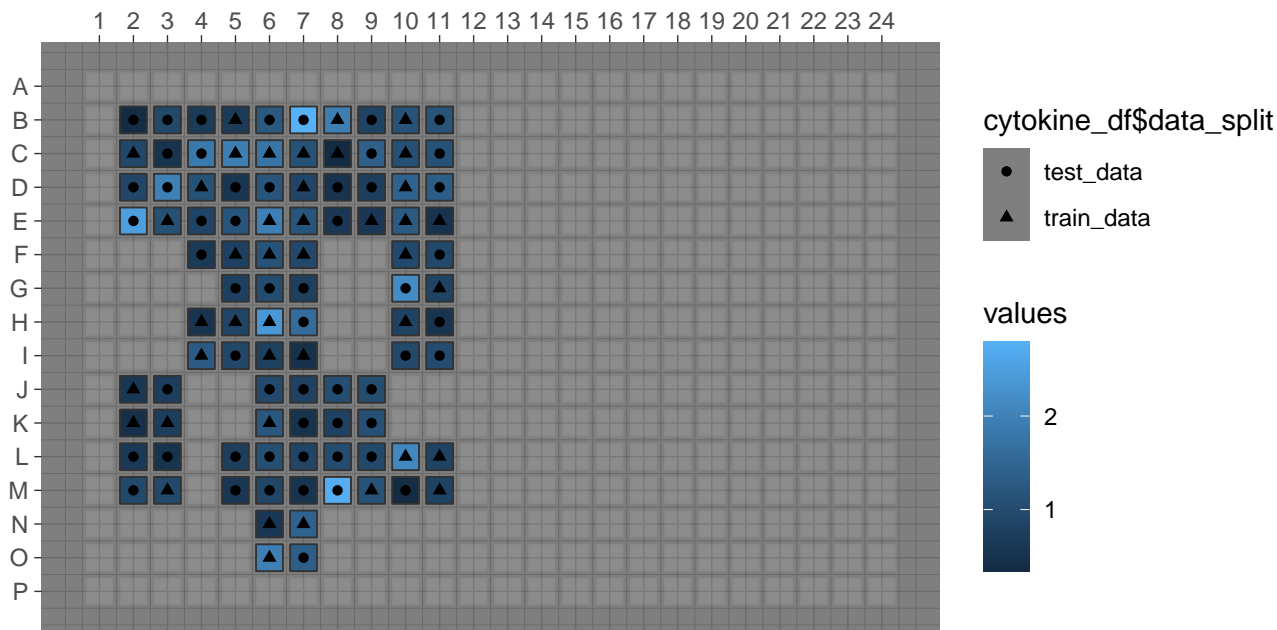
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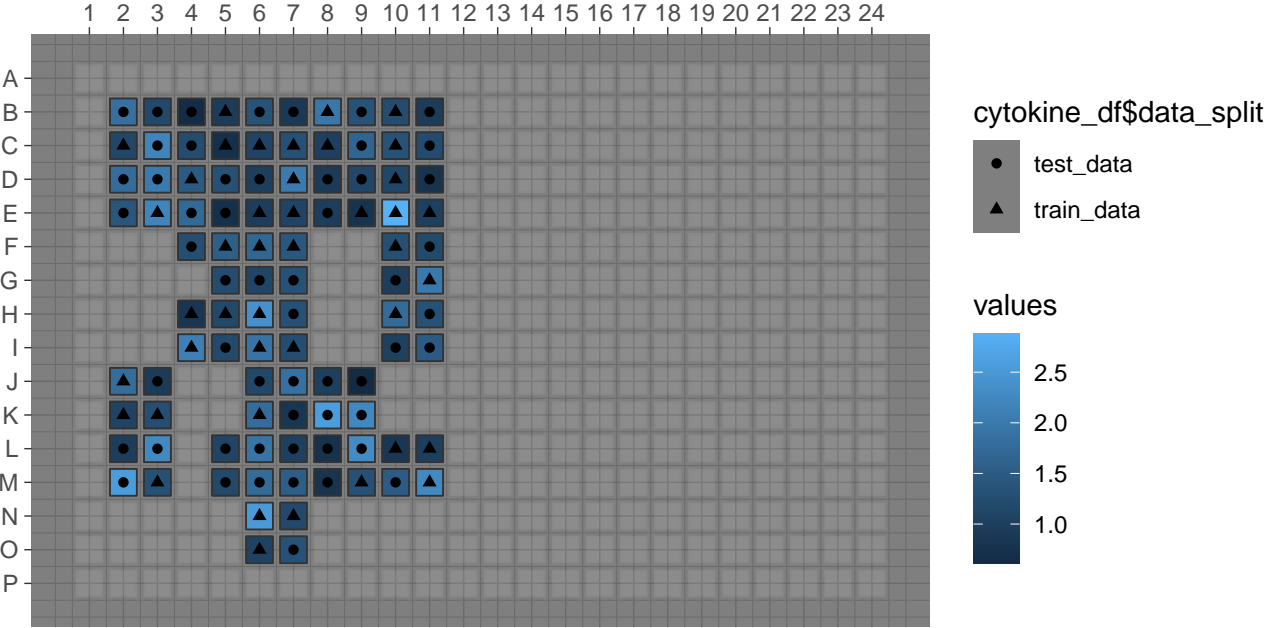
Predictive Performance of MMP−7 per Well (Final model)

Predictive Performance of CCL18 per Well (Final model)
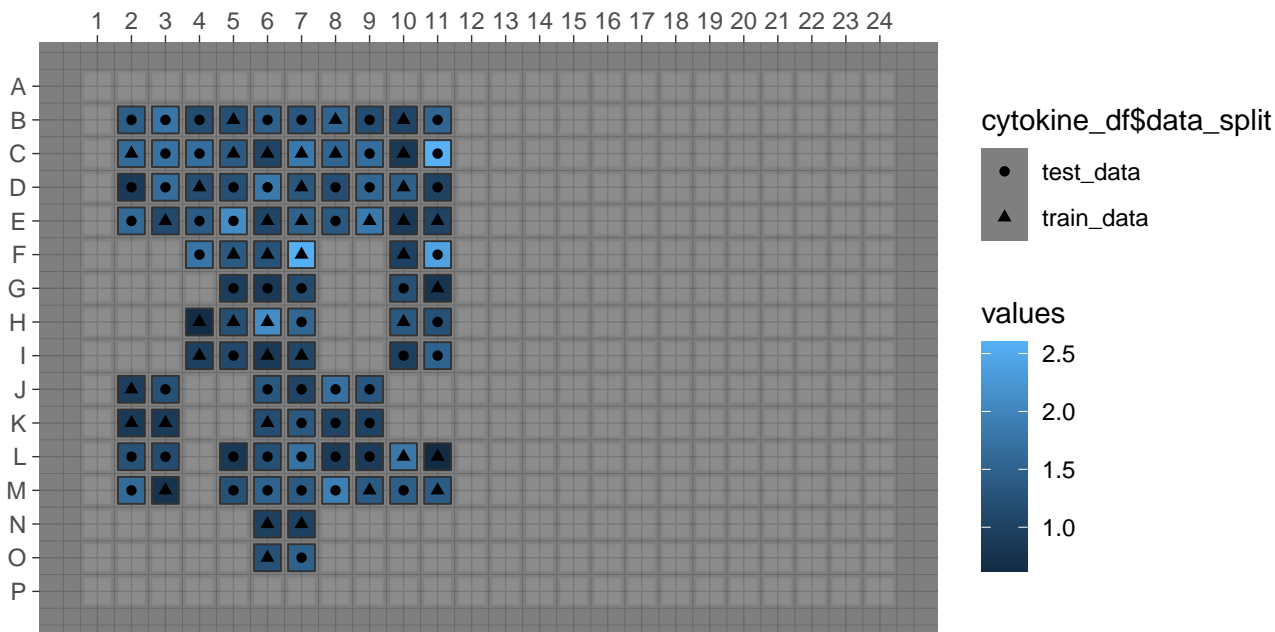
Predictive Performance of IL−17B per Well (Final model)

Predictive Performance of CD276(B7−H3) per Well (Final model)

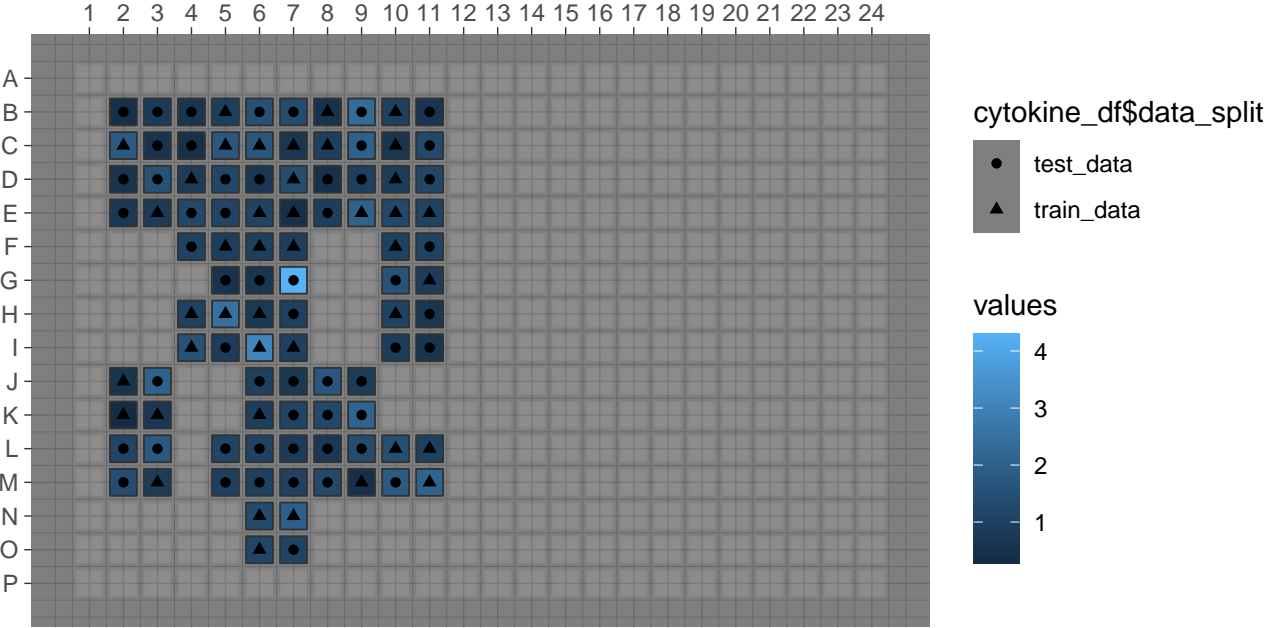Predictive Performance of CCL20 per Well (Final model)

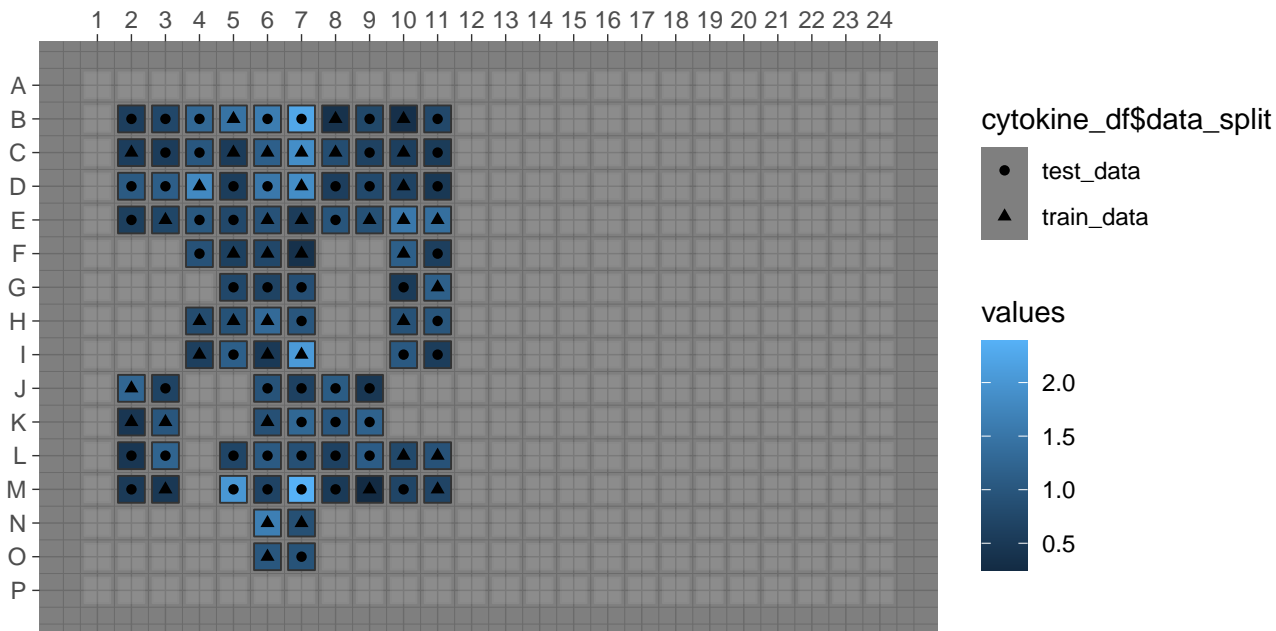Predictive Performance of MMP−3 per Well (Final model)

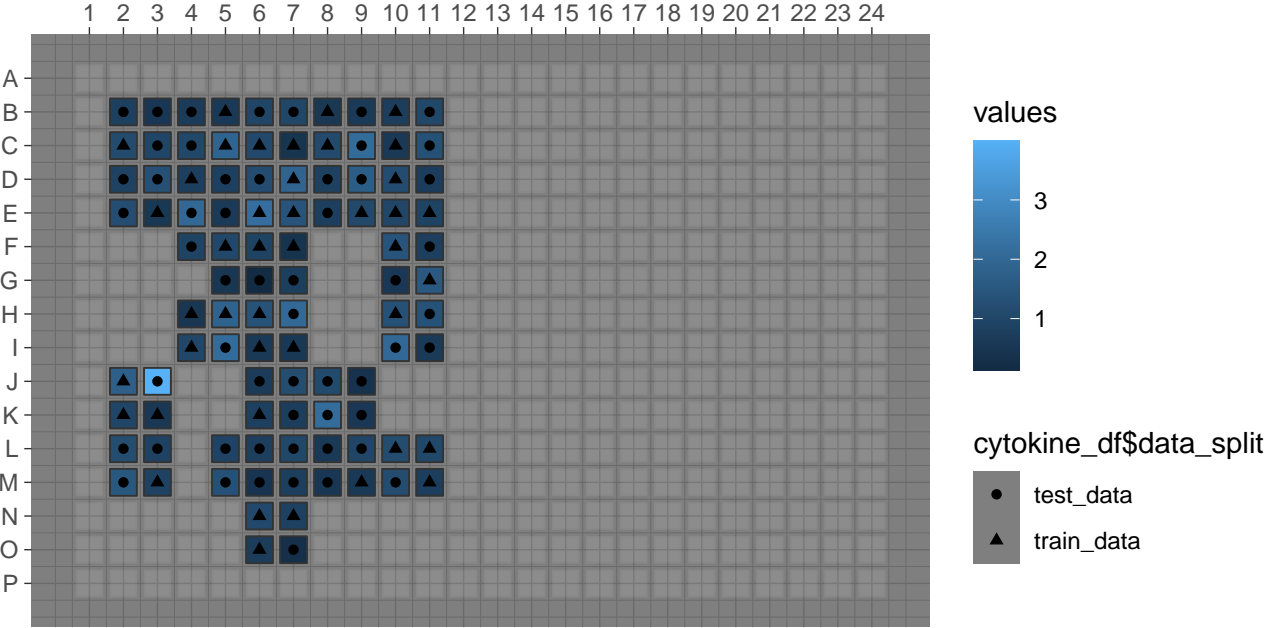Predictive Performance of CXCL5 per Well (Final model)

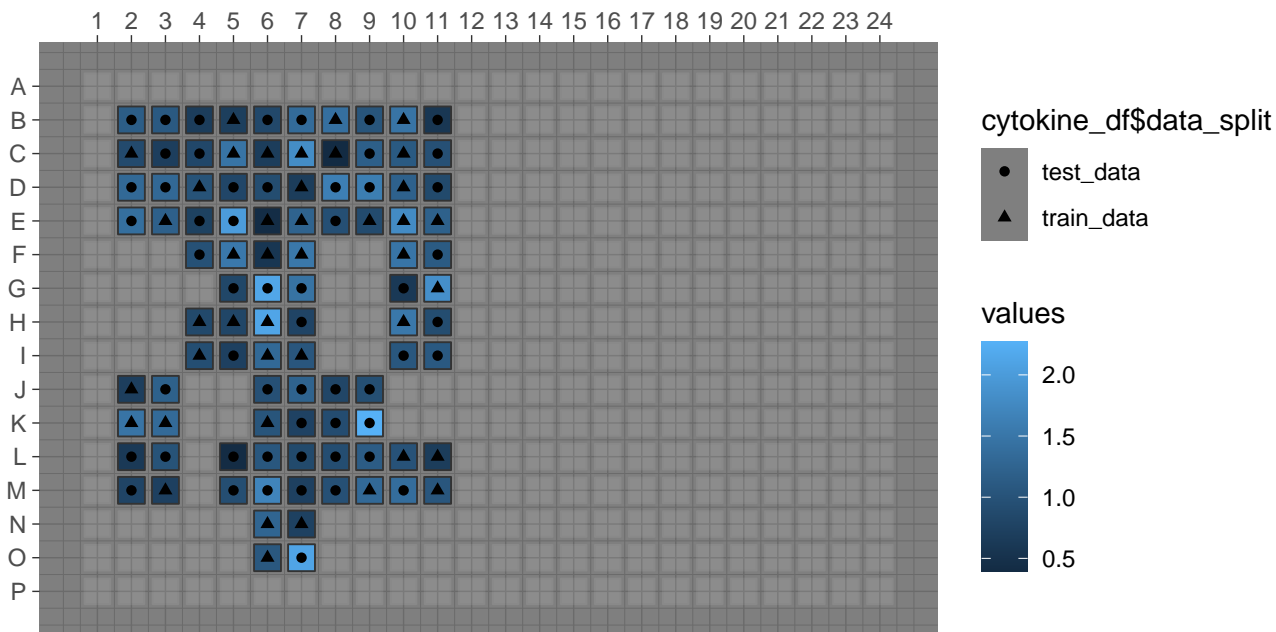Predictive Performance of PLGF per Well (Final model)

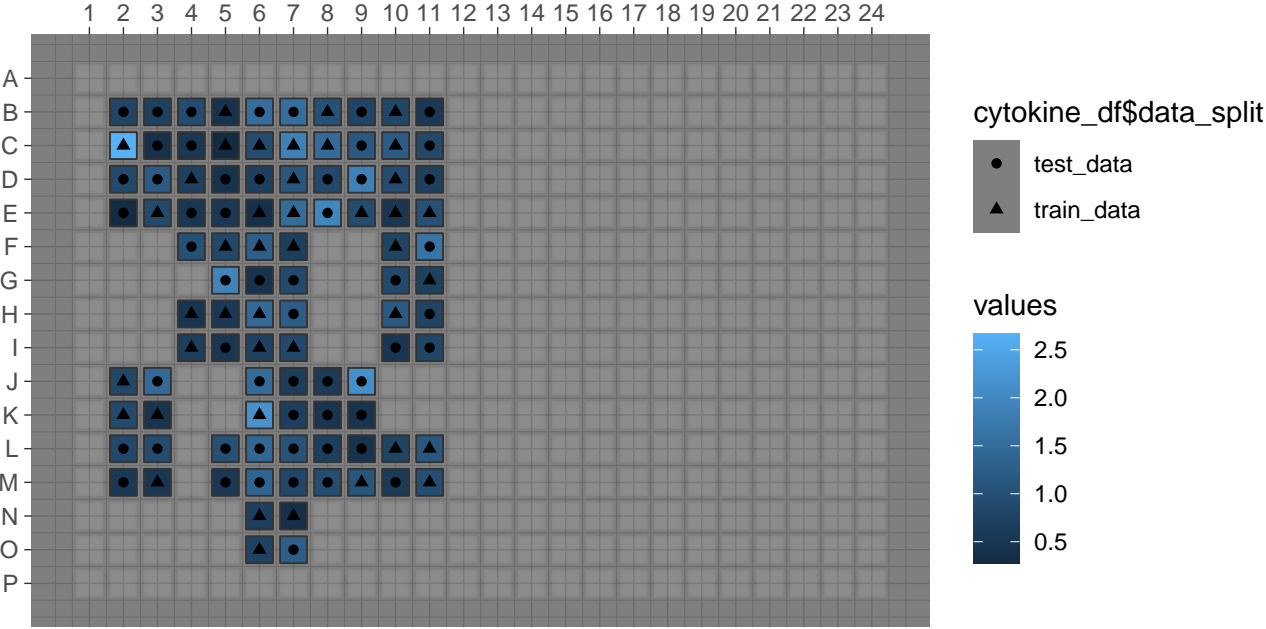Predictive Performance of AITRL(GITRLigand) per Well (Final model)

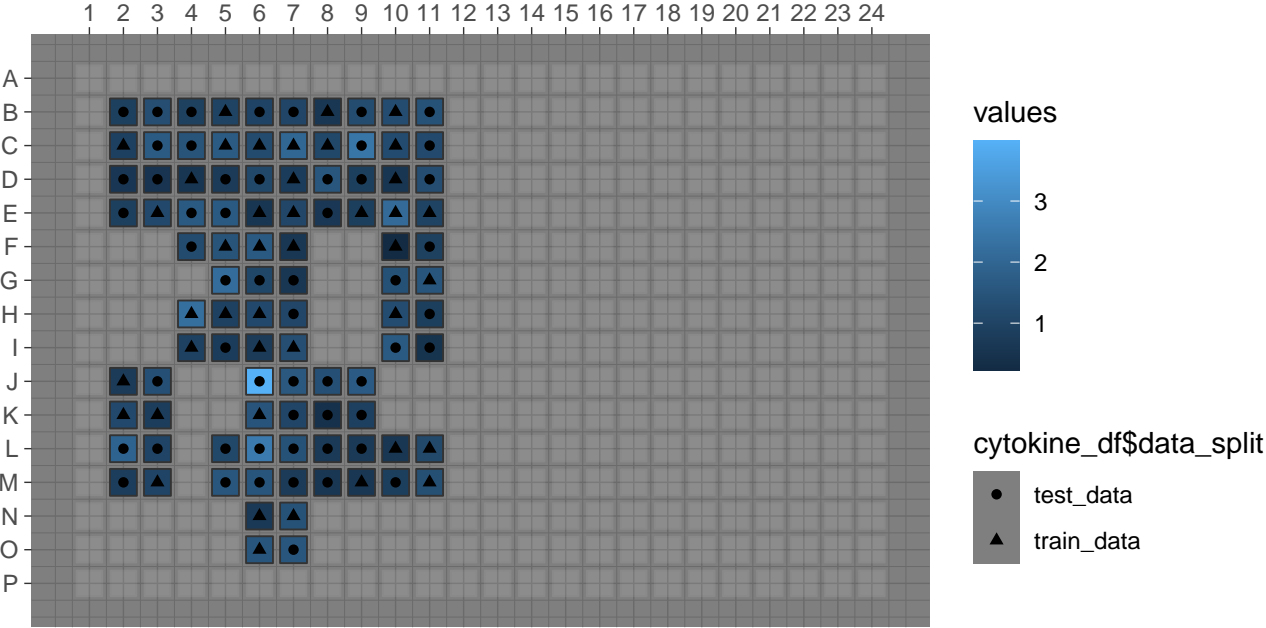Predictive Performance of VEGF−D per Well (Final model)

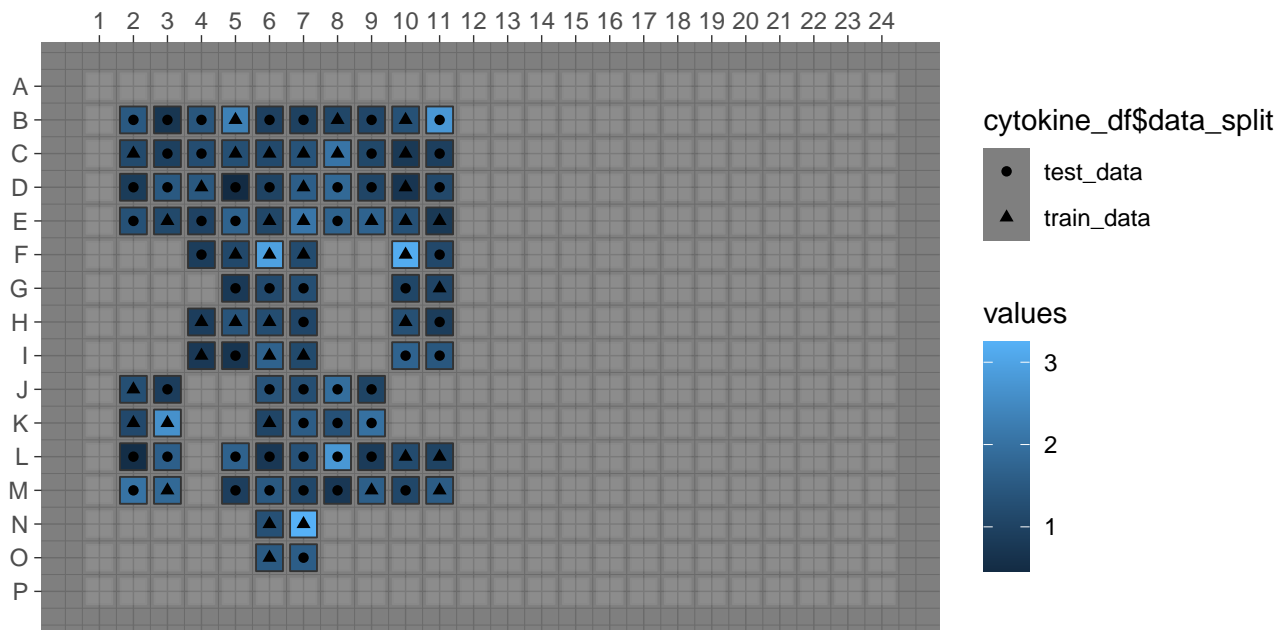Predictive Performance of CTF per Well (Final model)

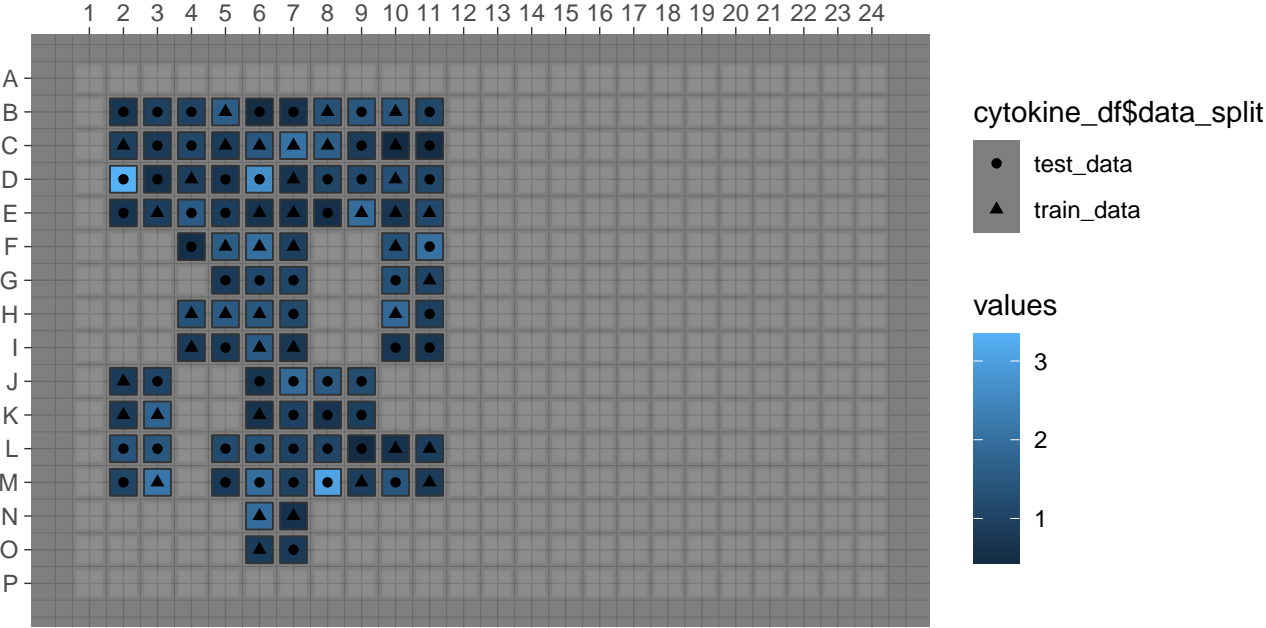Predictive Performance of ICAM−2 per Well (Final model)

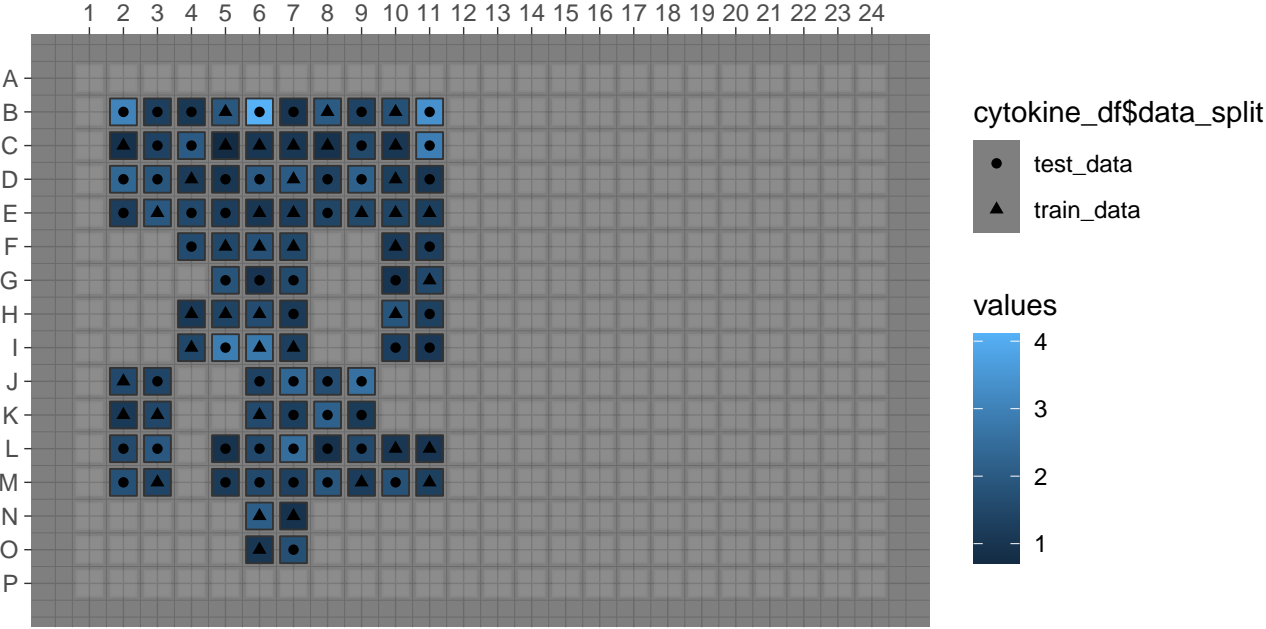Predictive Performance of IL−17C per Well (Final model)

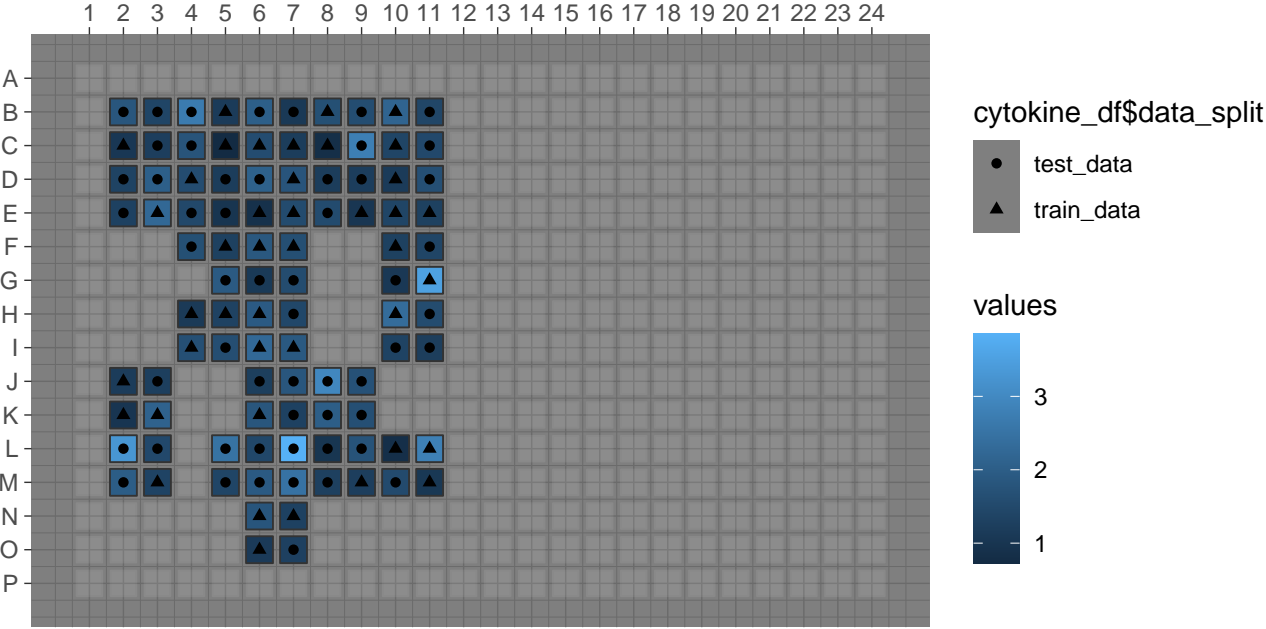Predictive Performance of IL−22 per Well (Final model)

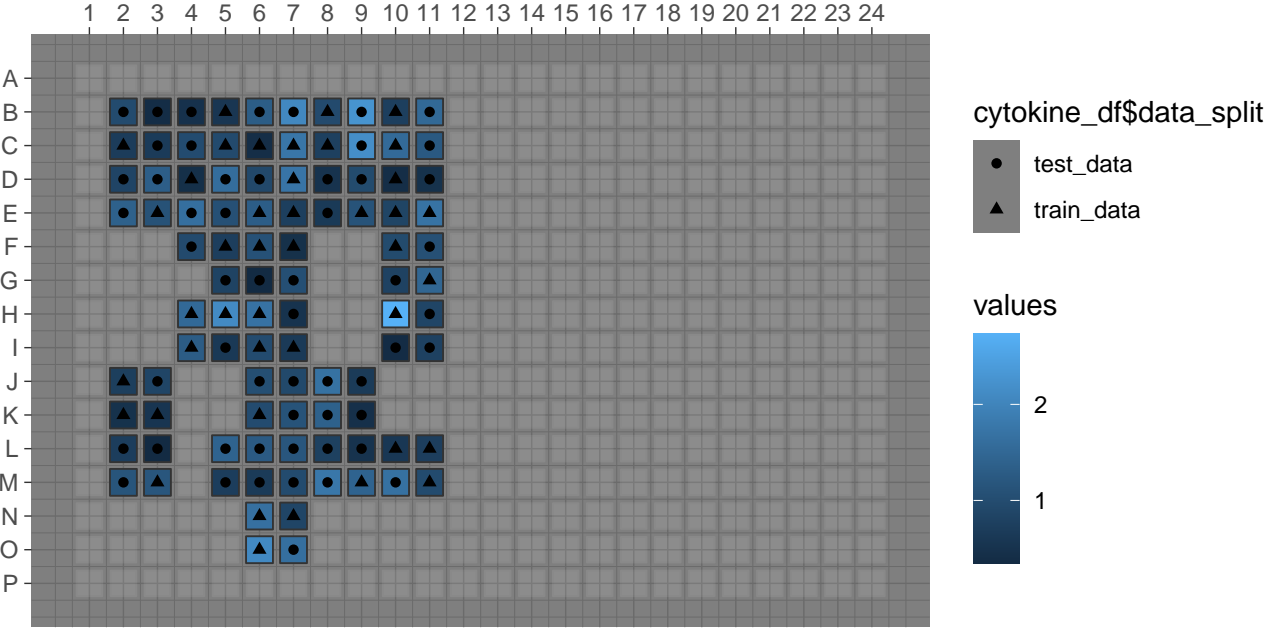Predictive Performance of IL−4 per Well (Final model)

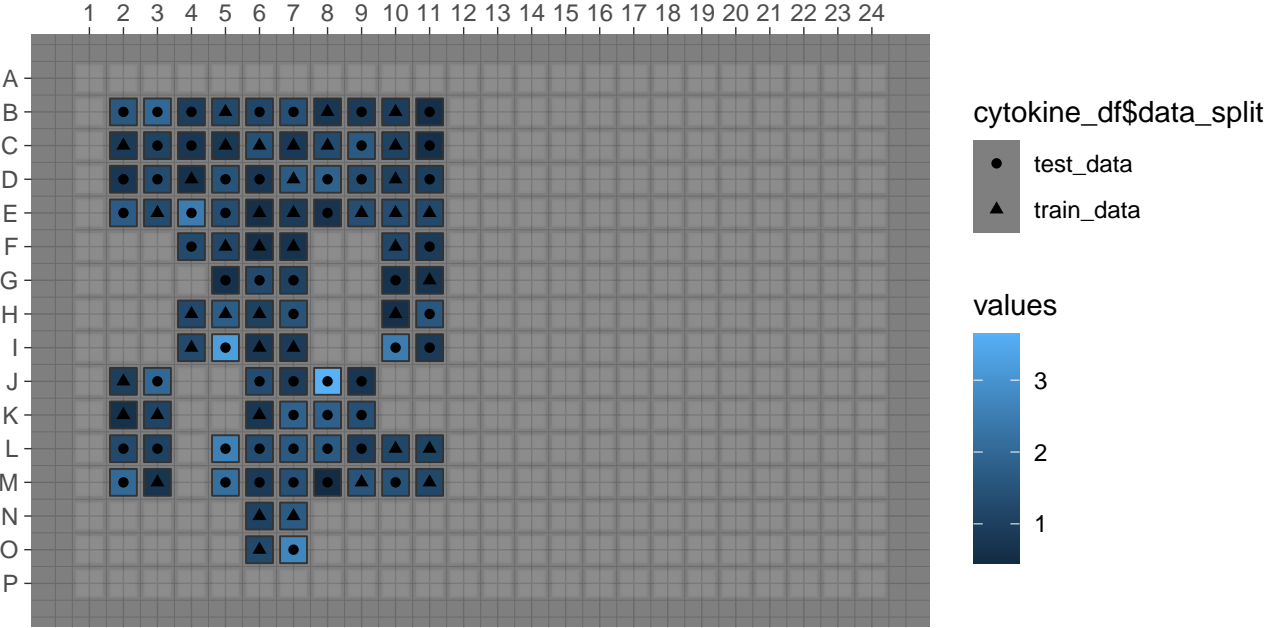Predictive Performance of IL−6 per Well (Final model)

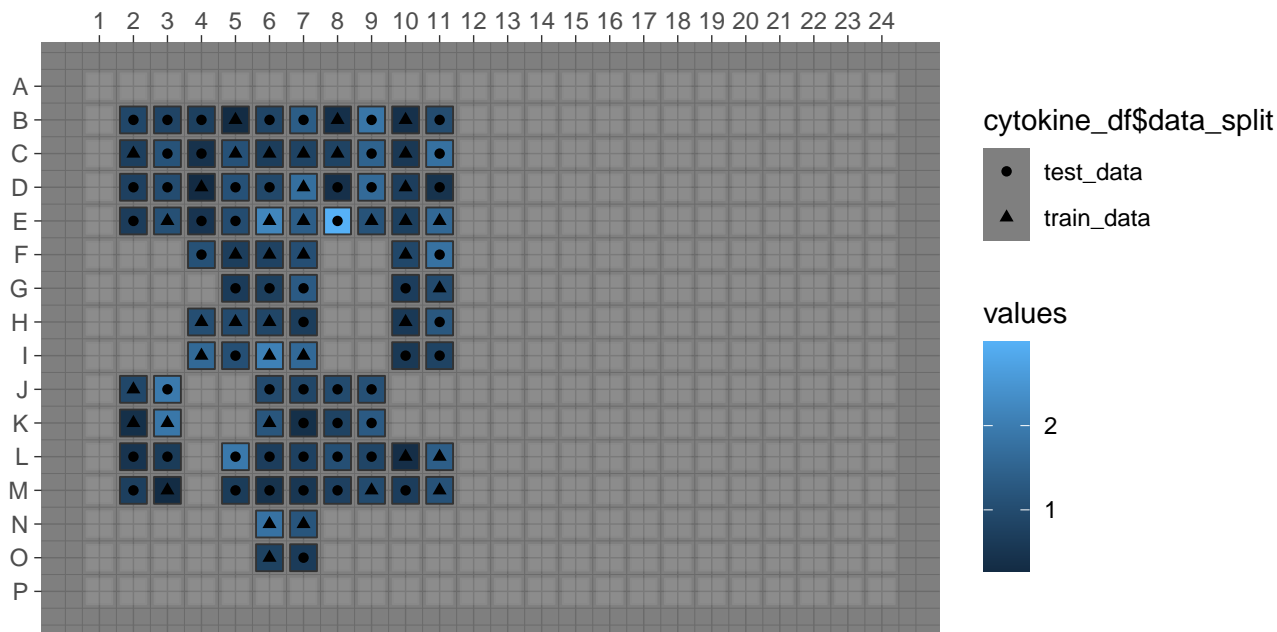Predictive Performance of TFalpha per Well (Final model)

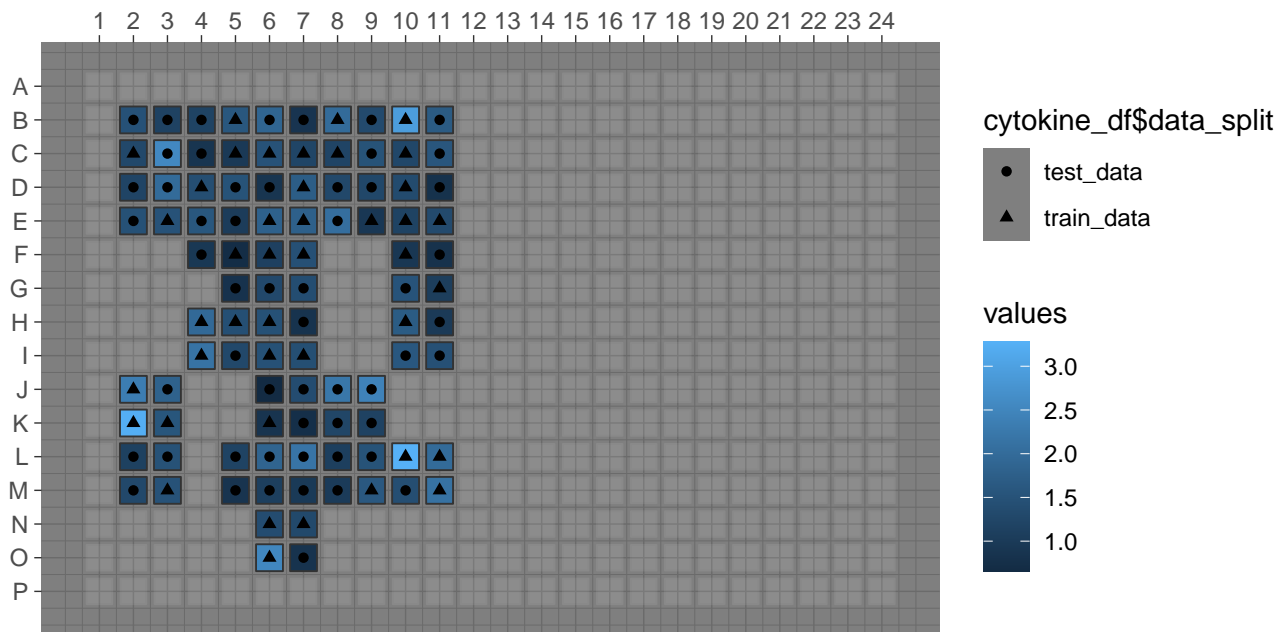Predictive Performance of BCMA(TFRF17) per Well (Final model)

Predictive Performance of Calbindin per Well (Final model)
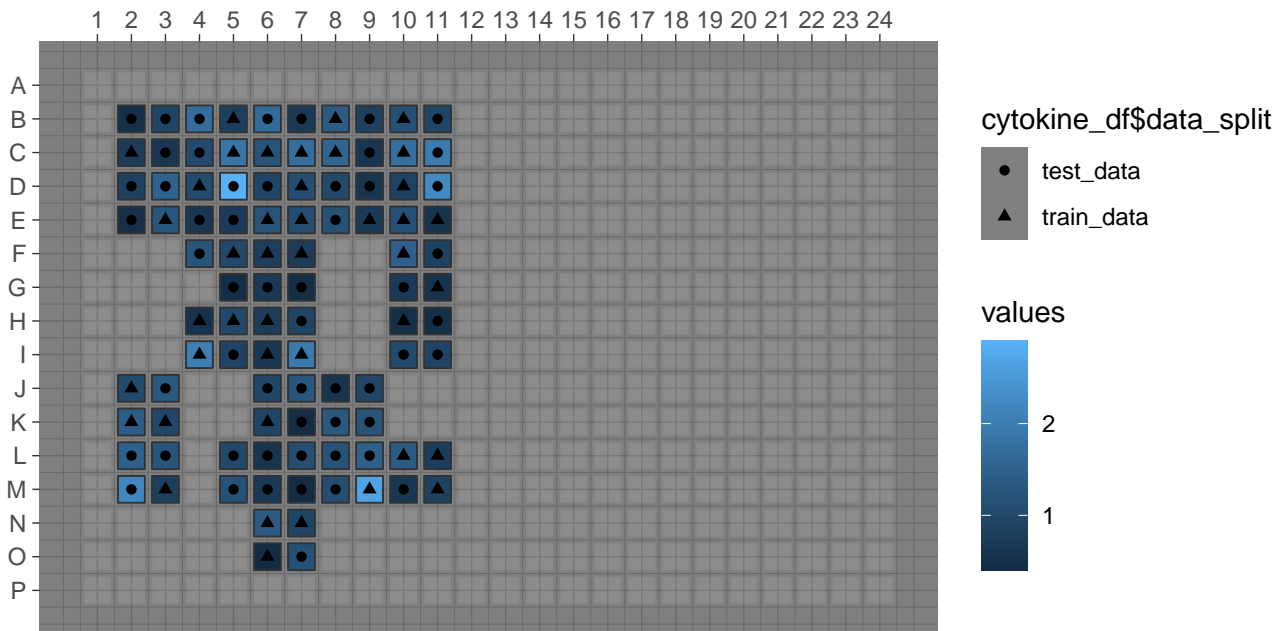
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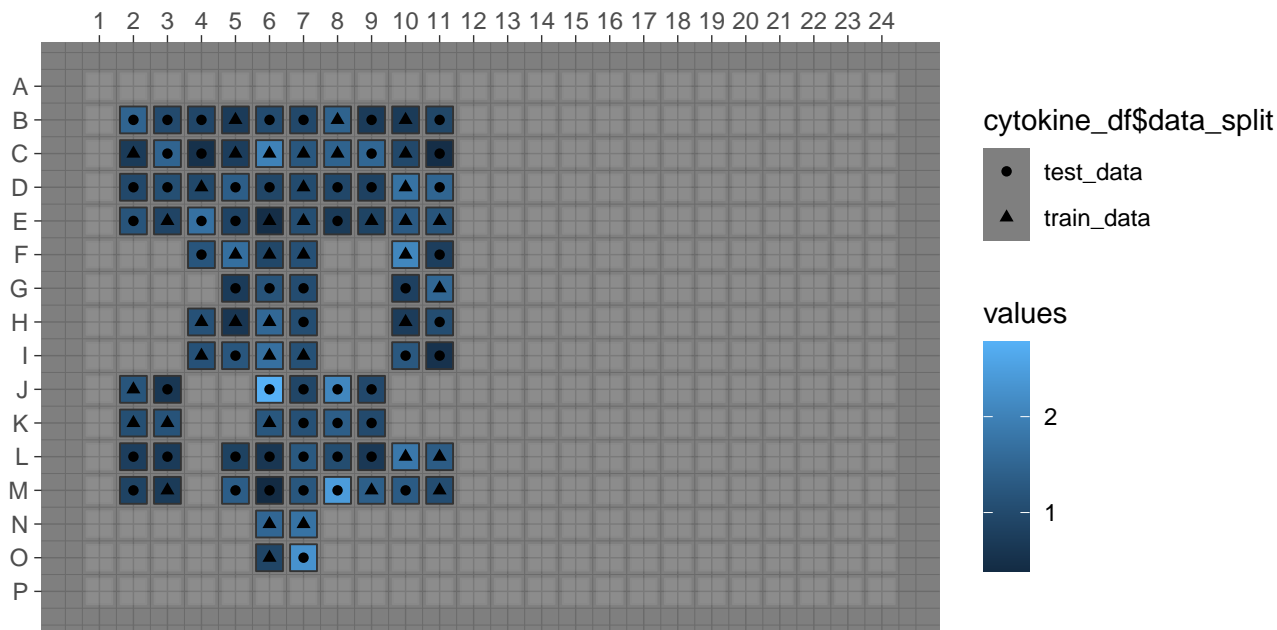
Predictive Performance of IL−8 per Well (Final model)

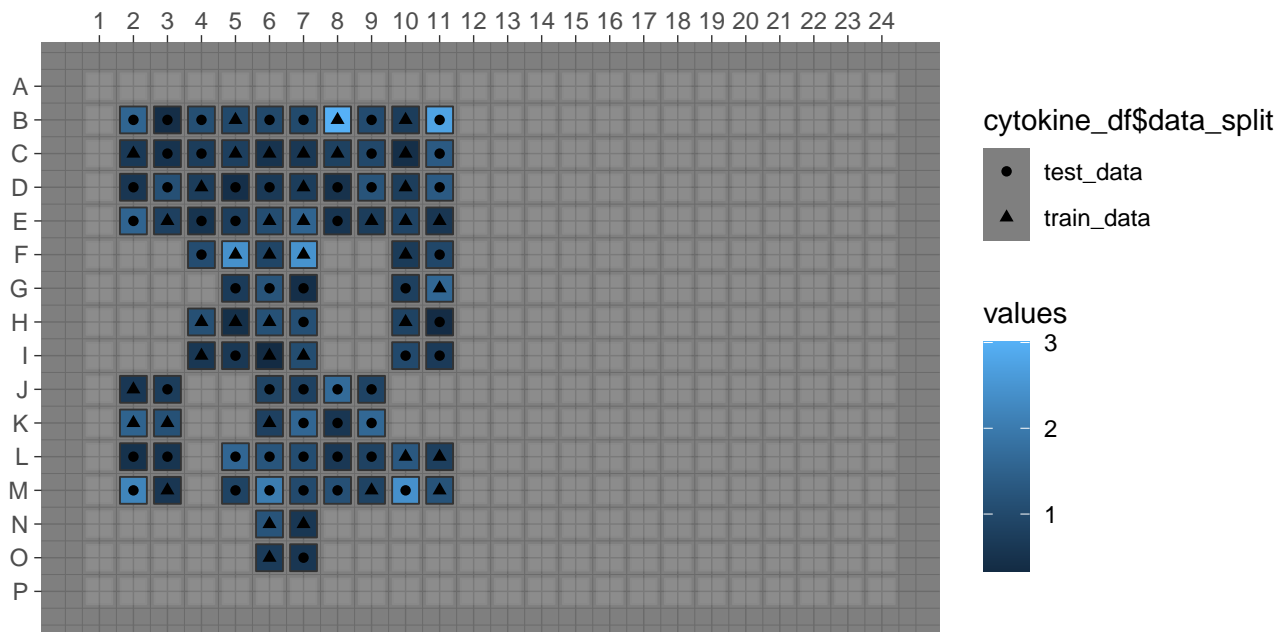Predictive Performance of IFgamma per Well (Final model)

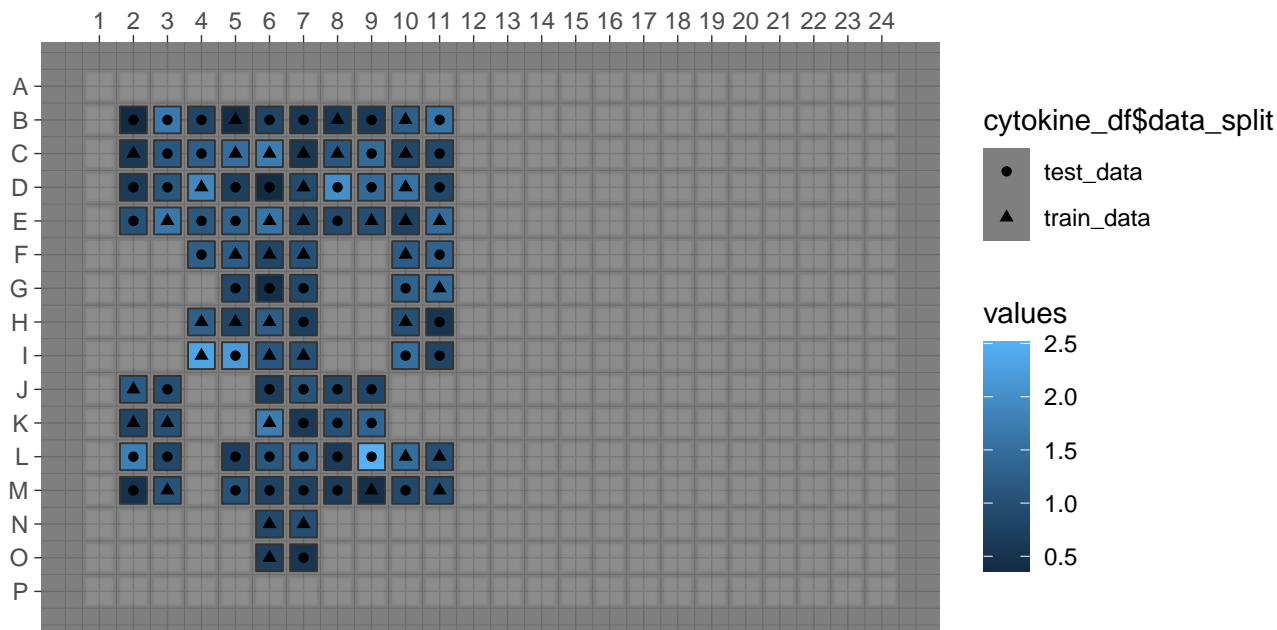Predictive Performance of CCL28 per Well (Final model)

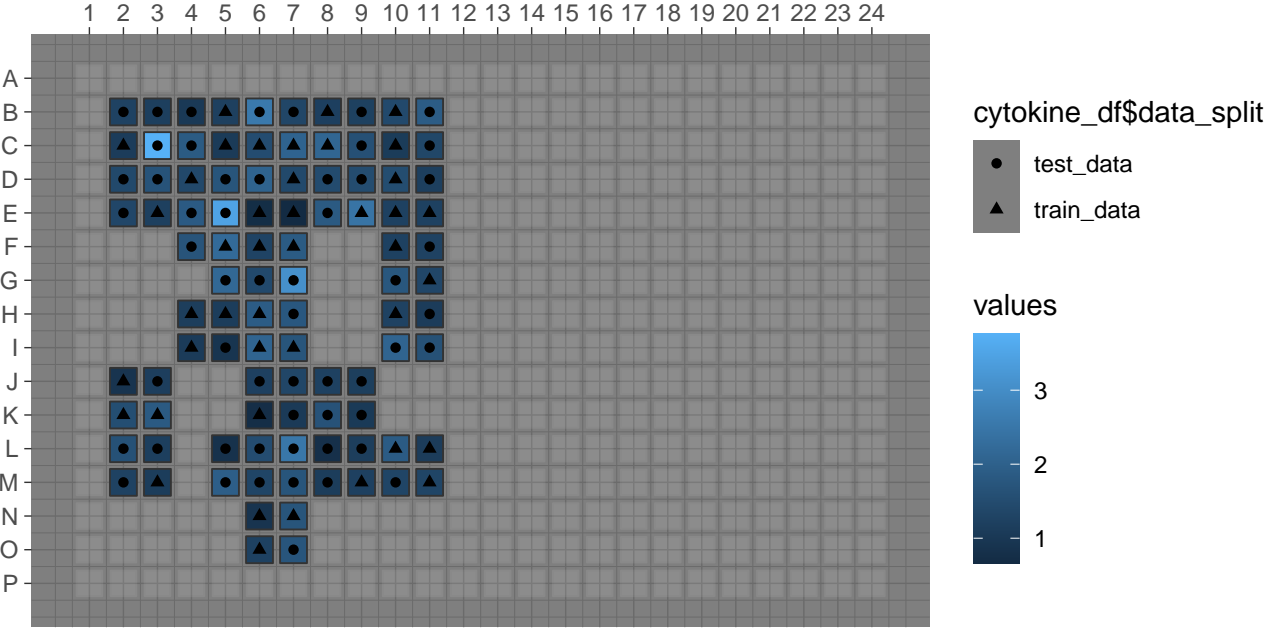Predictive Performance of GDF−11(BMP−11) per Well (Final model)

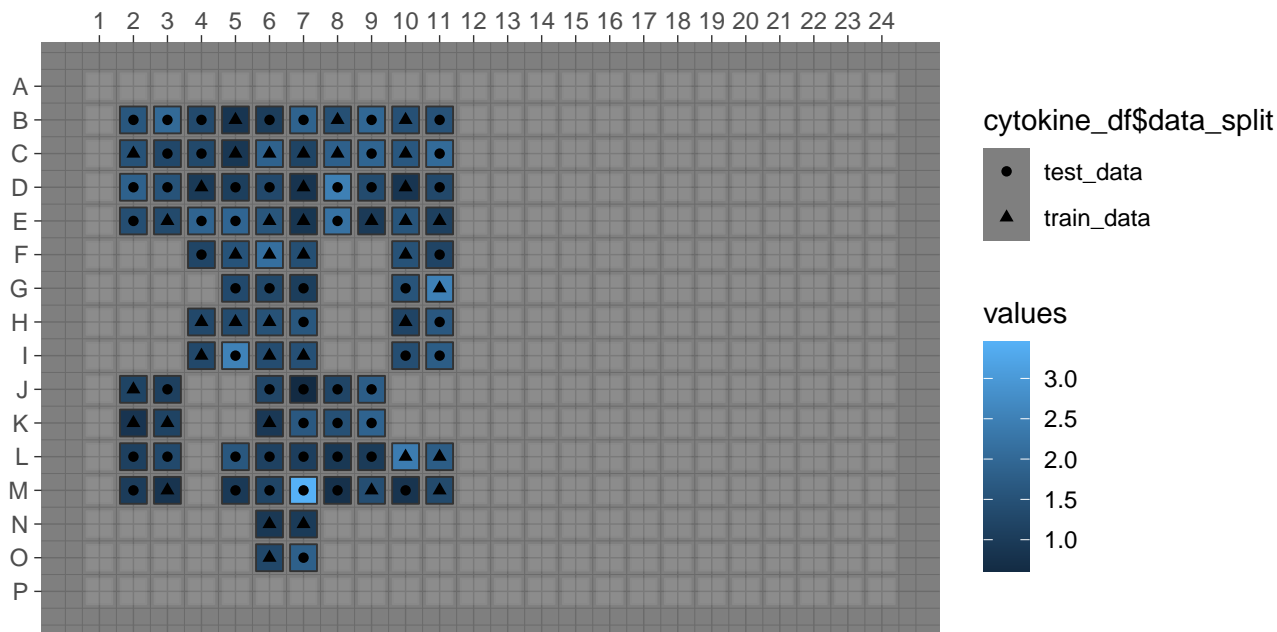Predictive Performance of CRP per Well (Final model)

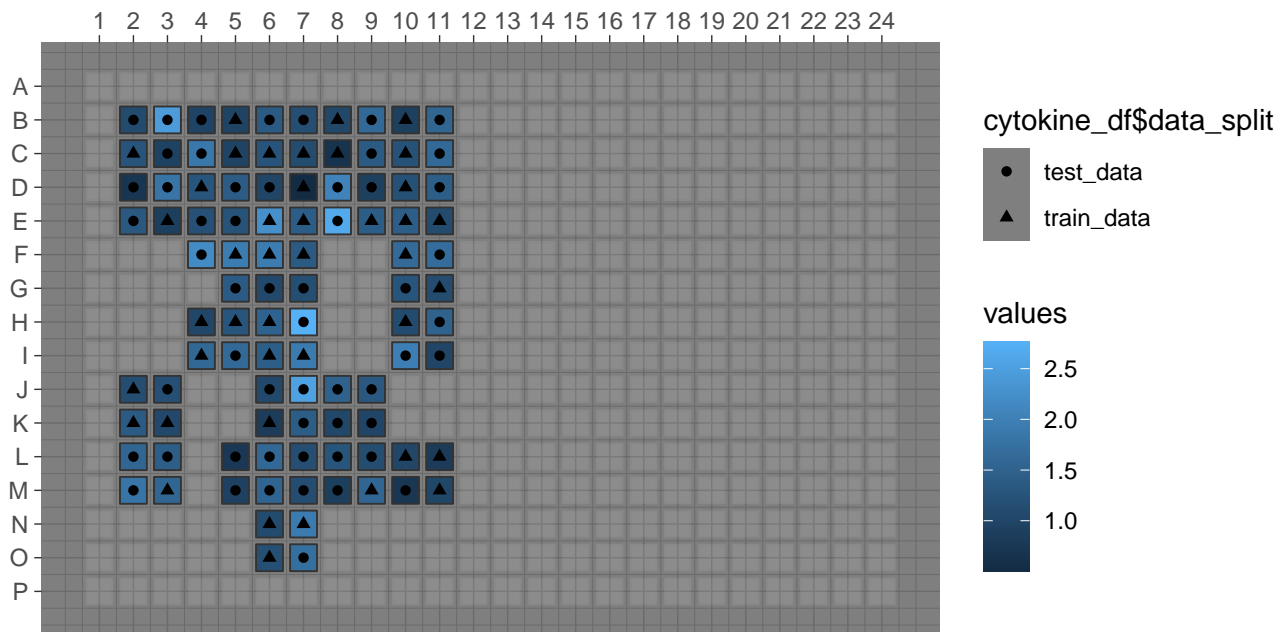Predictive Performance of VEGFReceptor2(Flk−1) per Well (Final model)

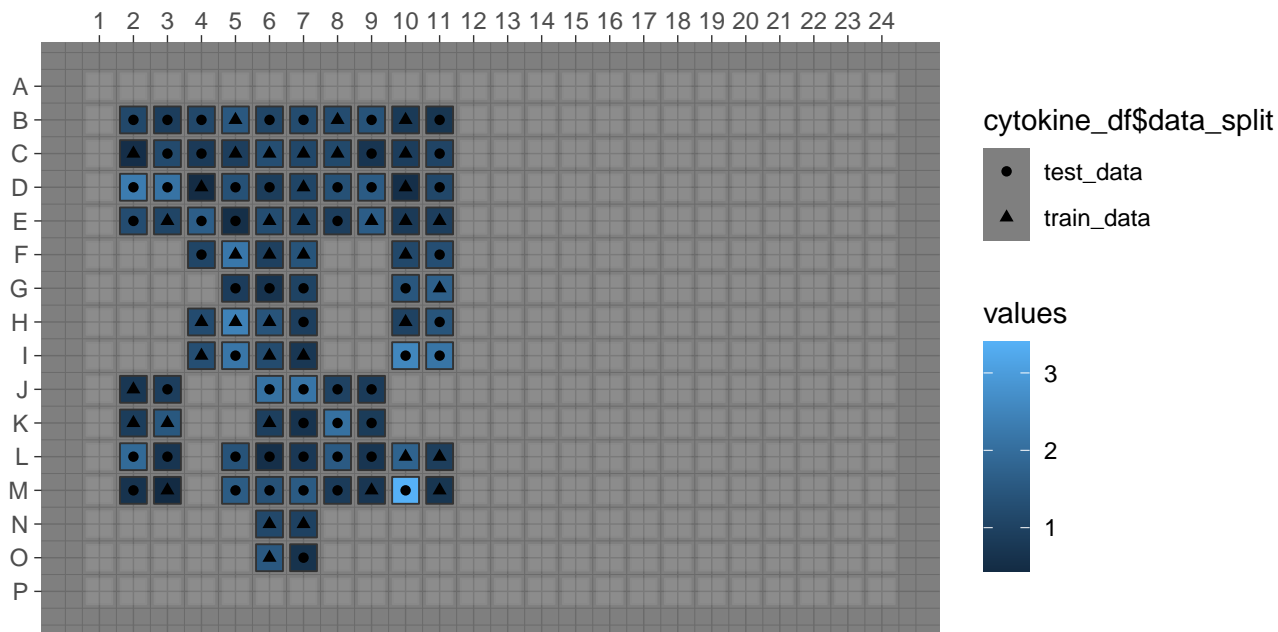Predictive Performance of IL−1RA_R per Well (Final model)

Predictive Performance of EMMPRI per Well (Final model)
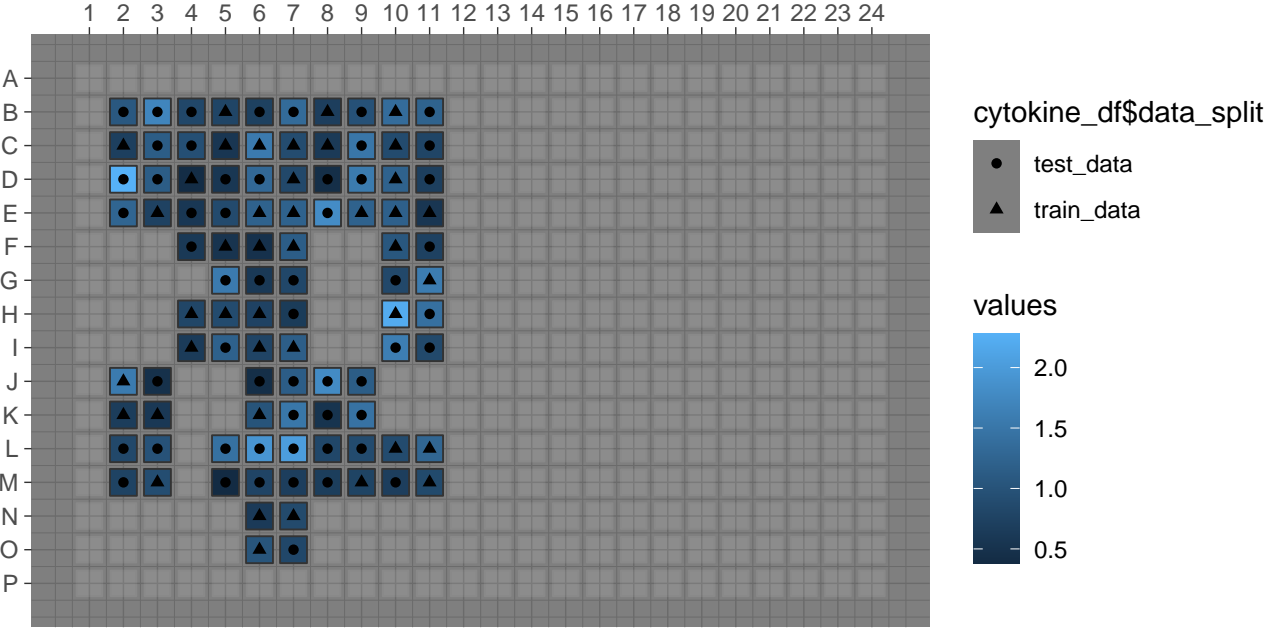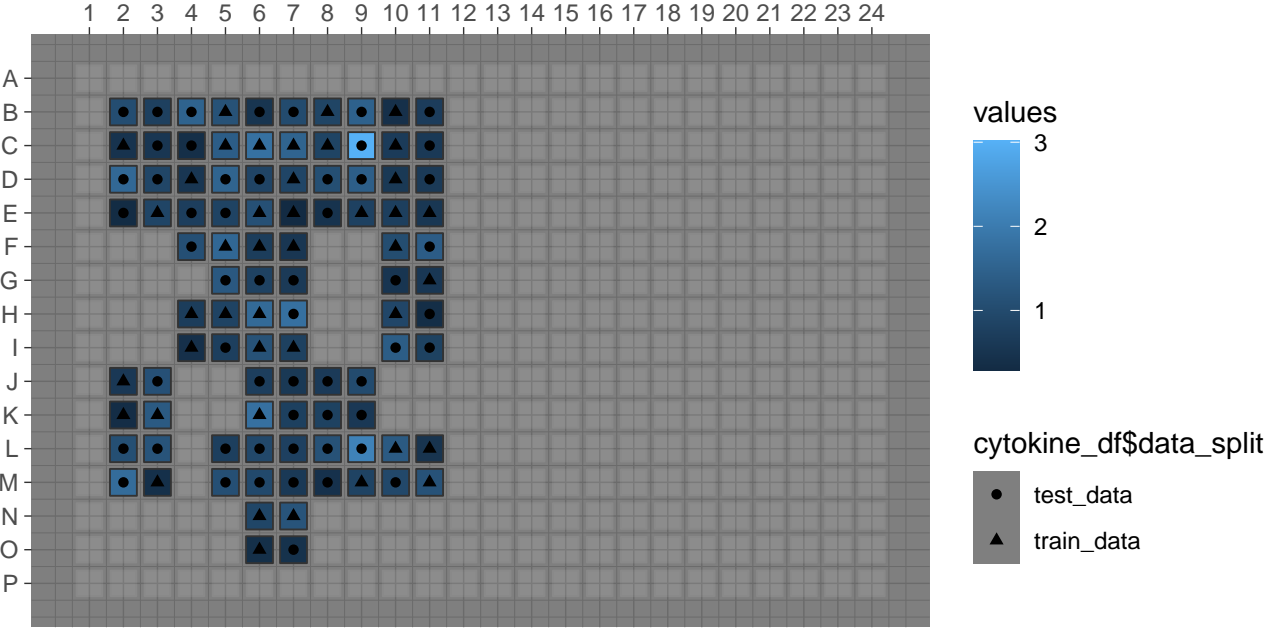
Predictive Performance of CCL7 per Well (Final model)

Predictive Performance of BMP3 per Well (Final model)
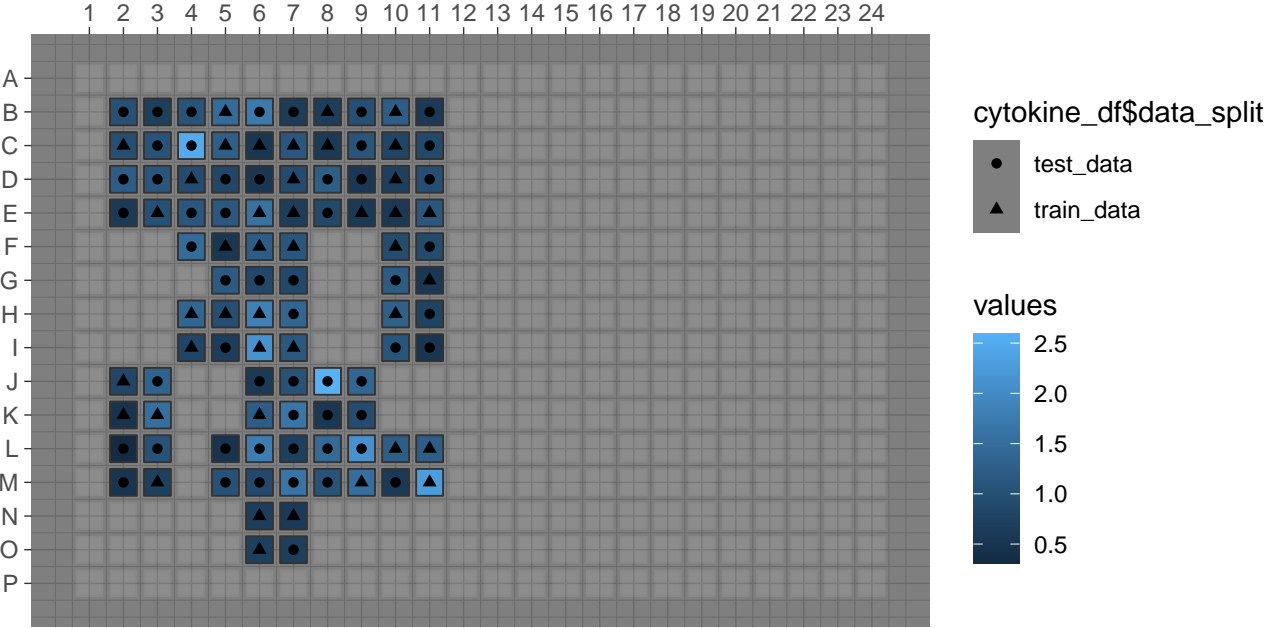
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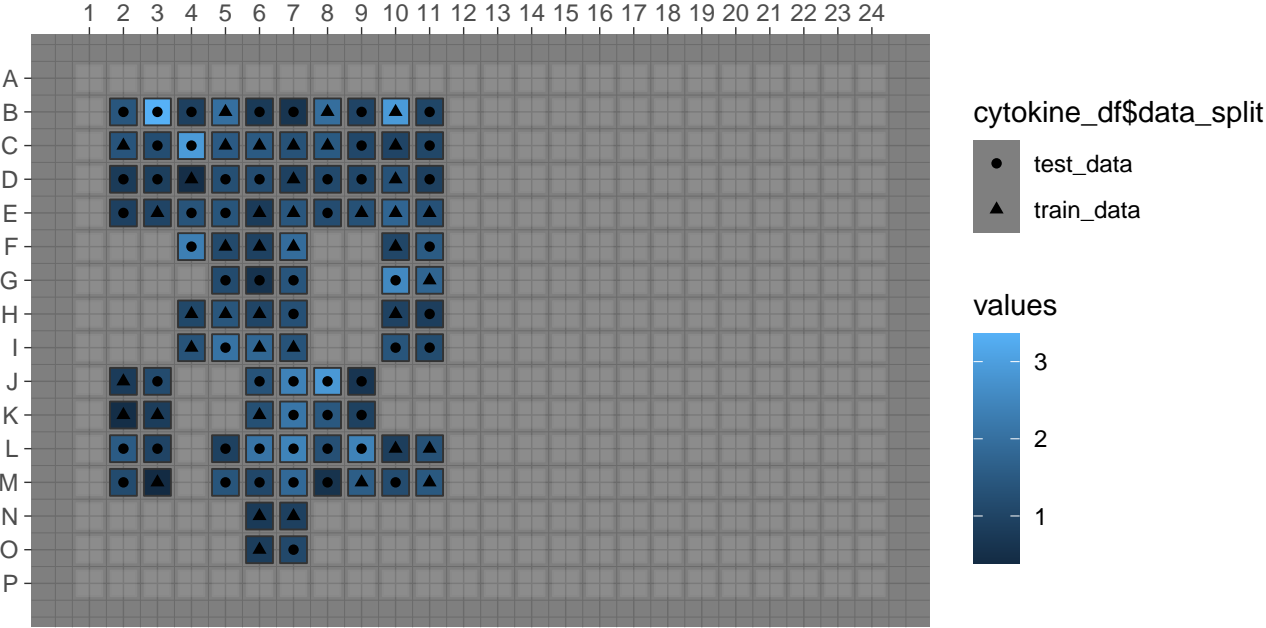
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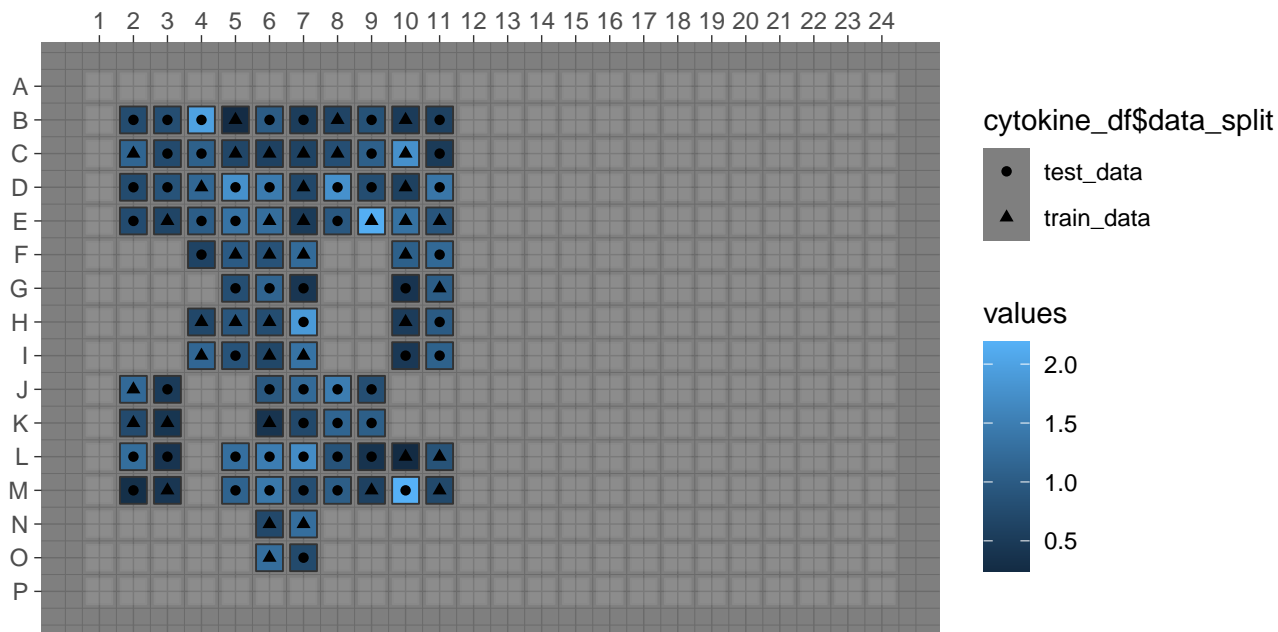
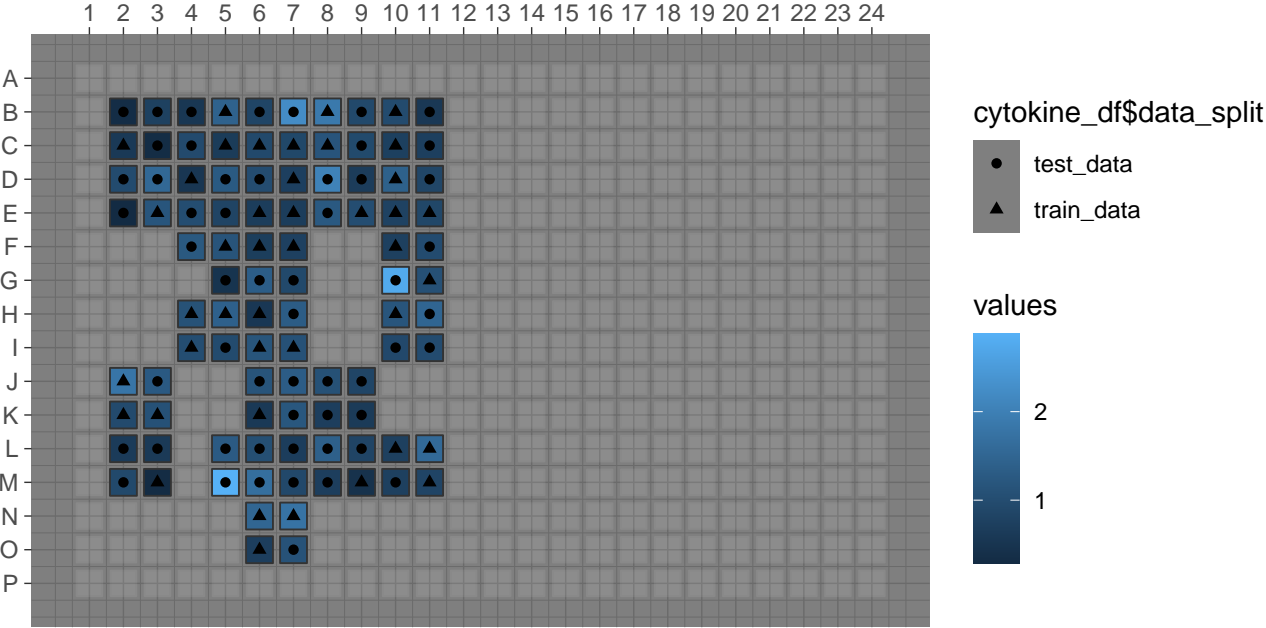Predictive Performance of VCAM−1 per Well (Final model)

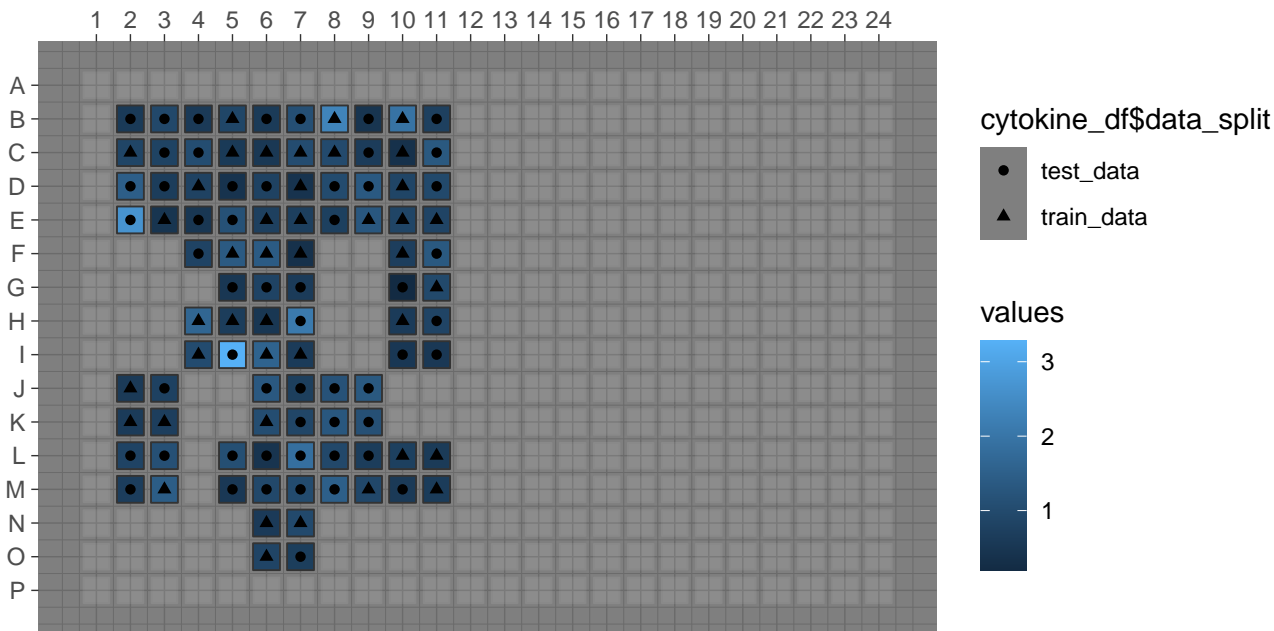Predictive Performance of CD40L per Well (Final model)

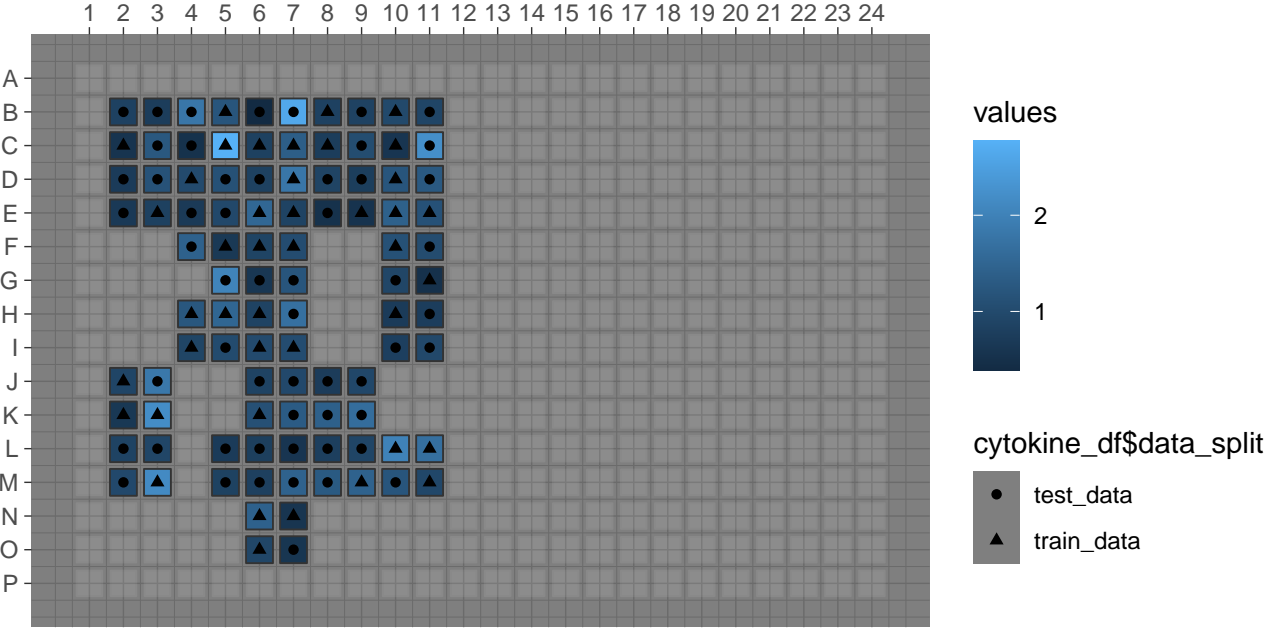Predictive Performance of IGF−1 per Well (Final model)

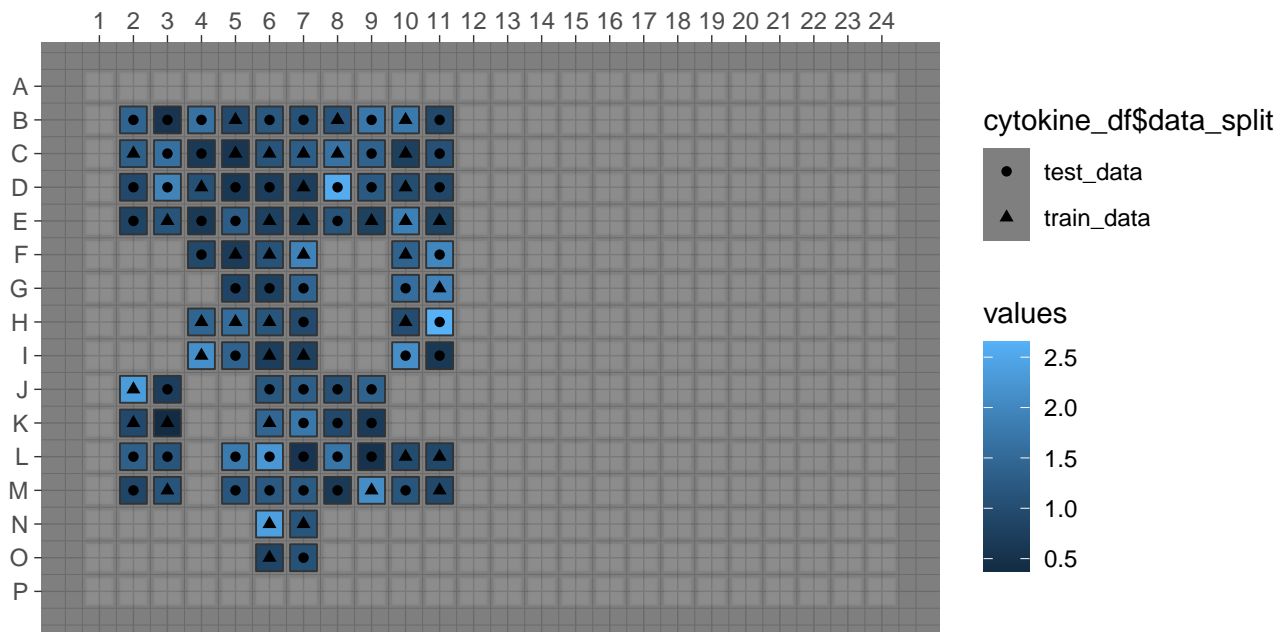Predictive Performance of BMP9 per Well (Final model)

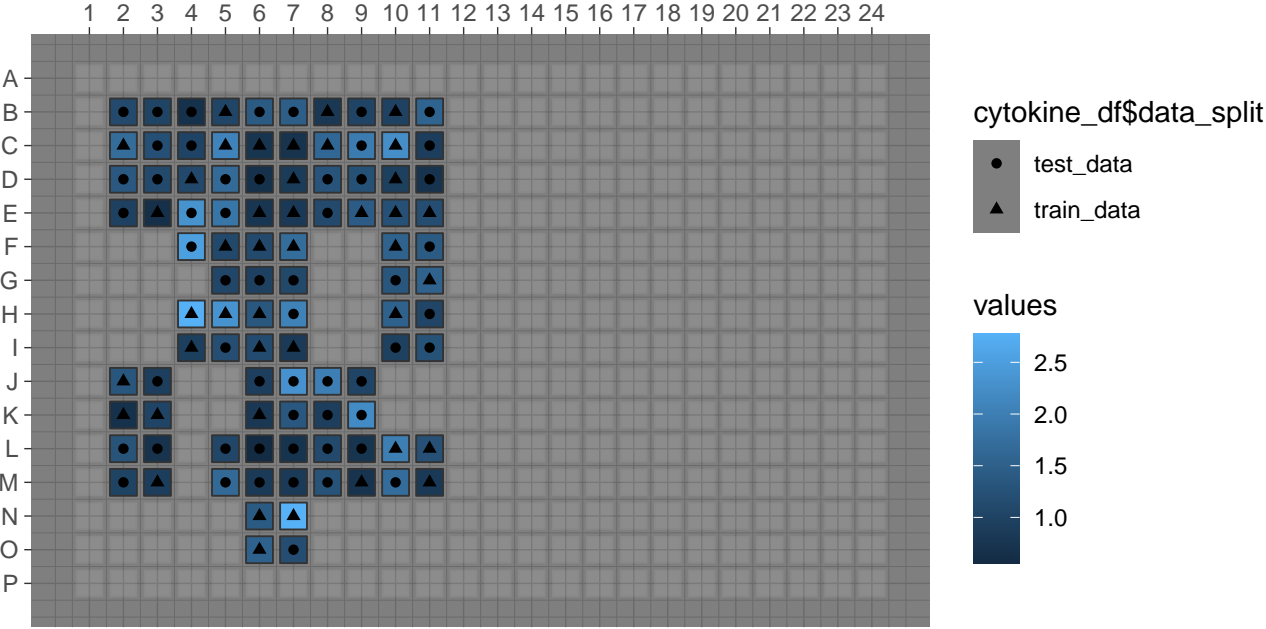Predictive Performance of CXCL12(alpha) per Well (Final model)

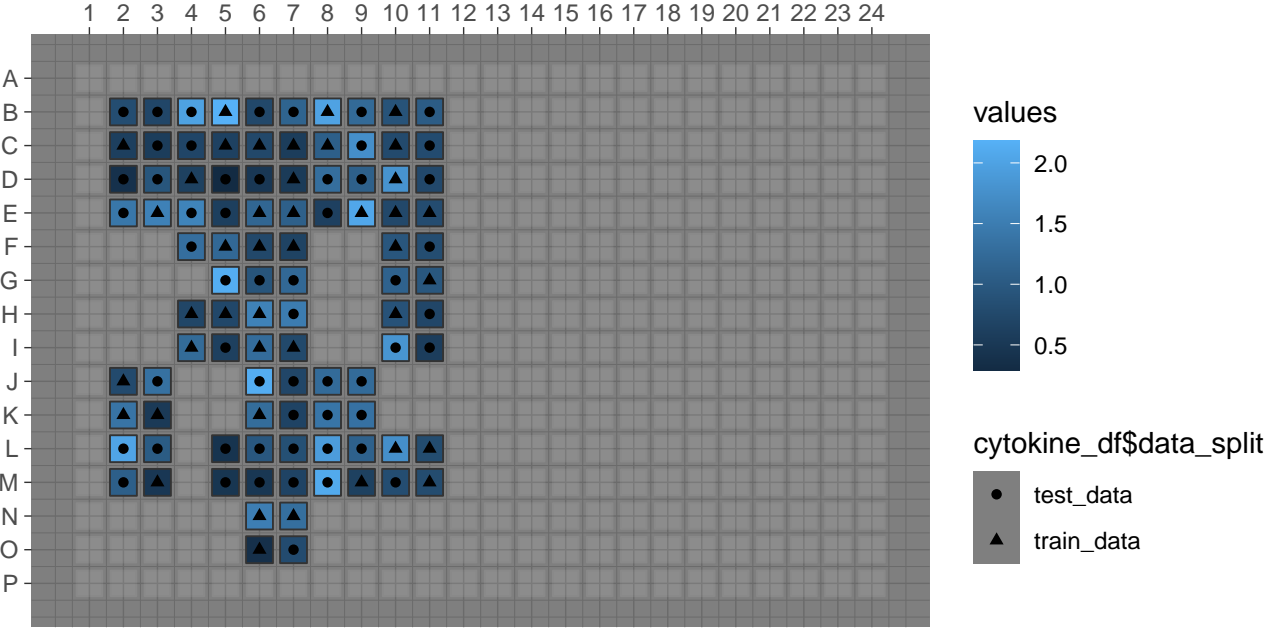Predictive Performance of F−L per Well (Final model)

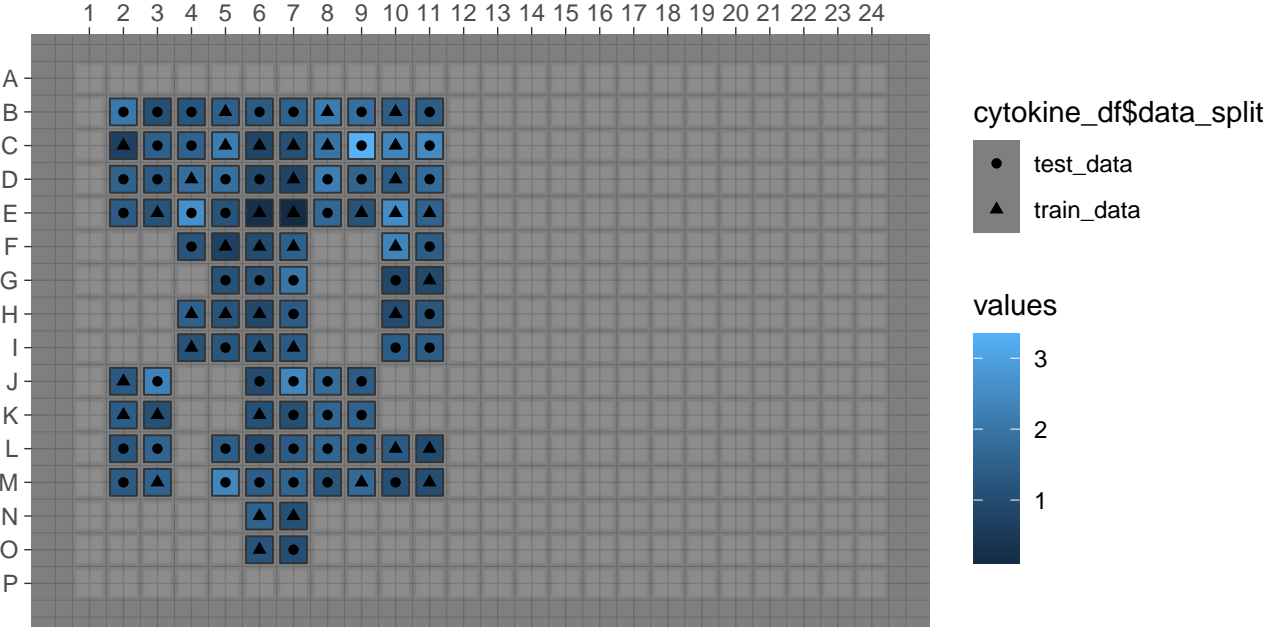Predictive Performance of FA−L per Well (Final model)

Predictive Performance of IL−6Ralpha per Well (Final model)

Predictive Performance of IFalpha2(alpha2b) per Well (Final model)

Predictive Performance of Osteopontin(OP) per Well (Final model)

Predictive Performance of CCL1 per Well (Final model)

Predictive Performance of CCL22 per Well (Final model)

Predictive Performance of Amyloidbeta per Well (Final model)

Predictive Performance of CXCL3 per Well (Final model)
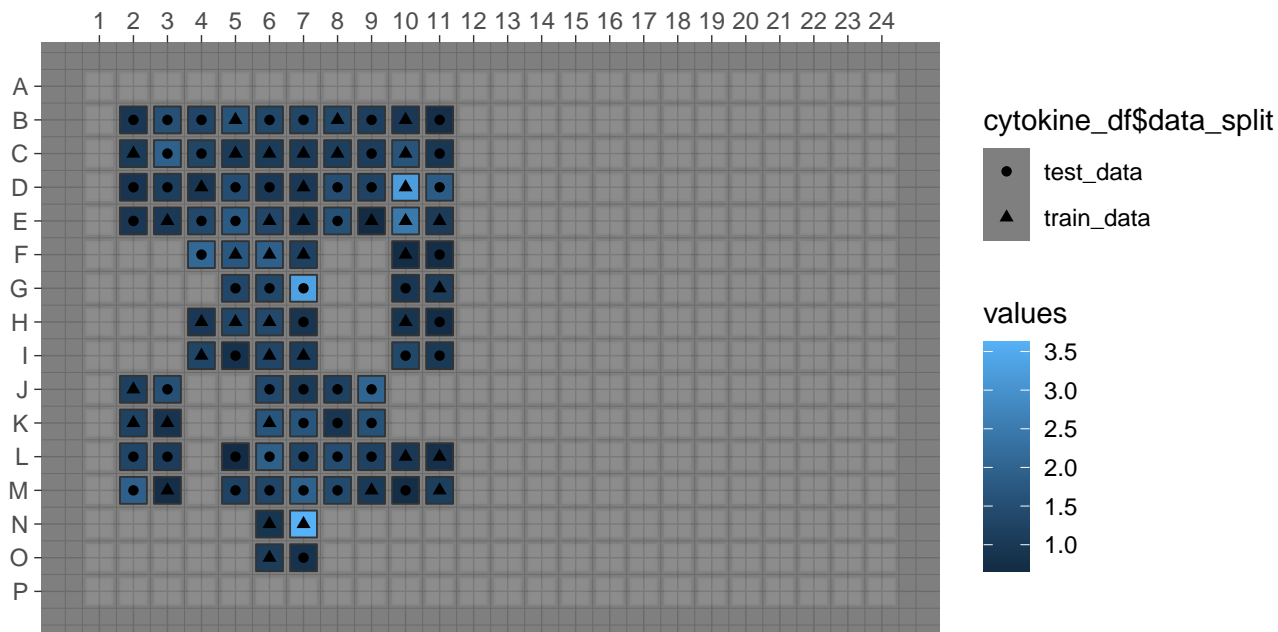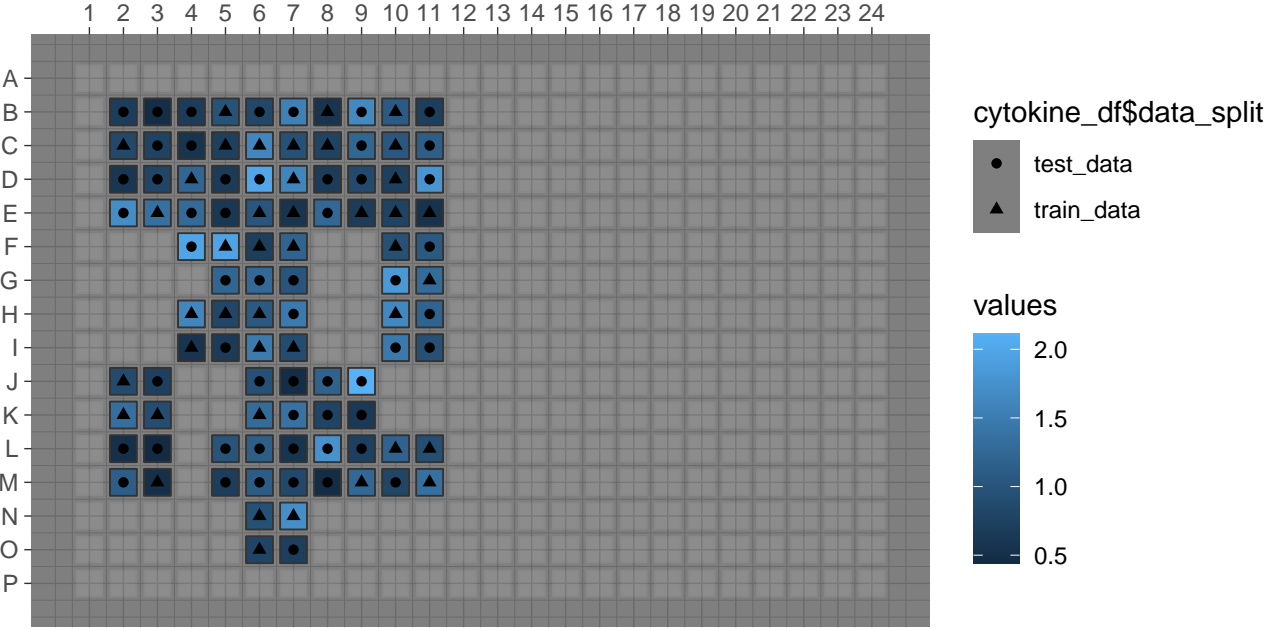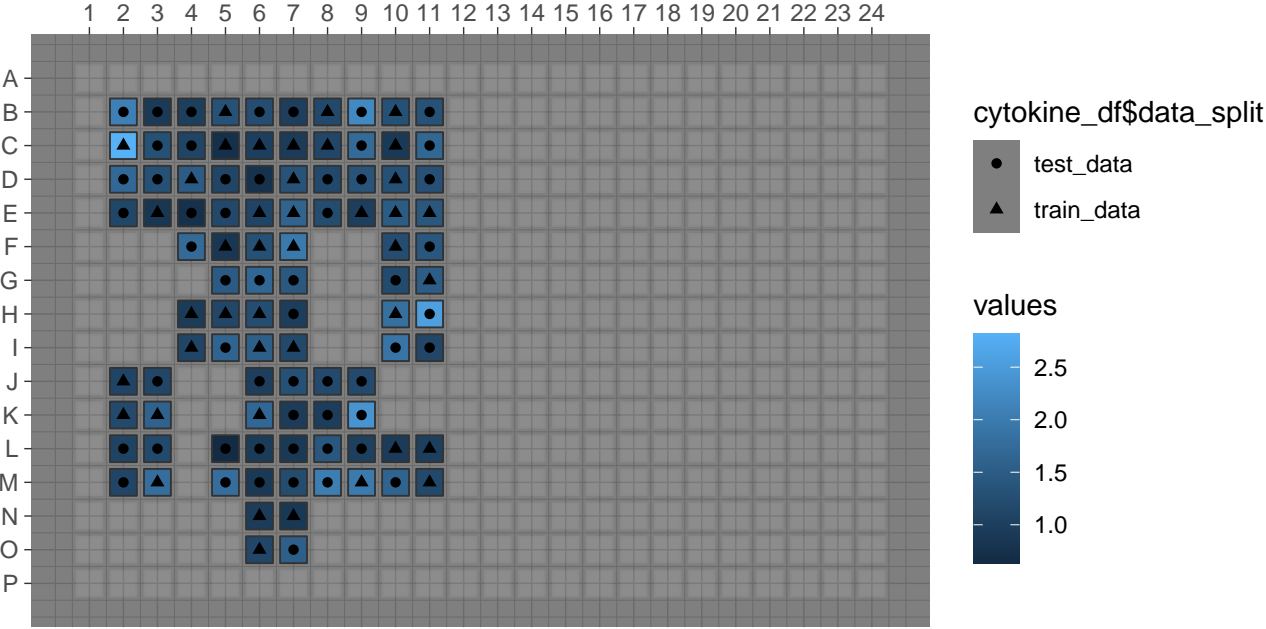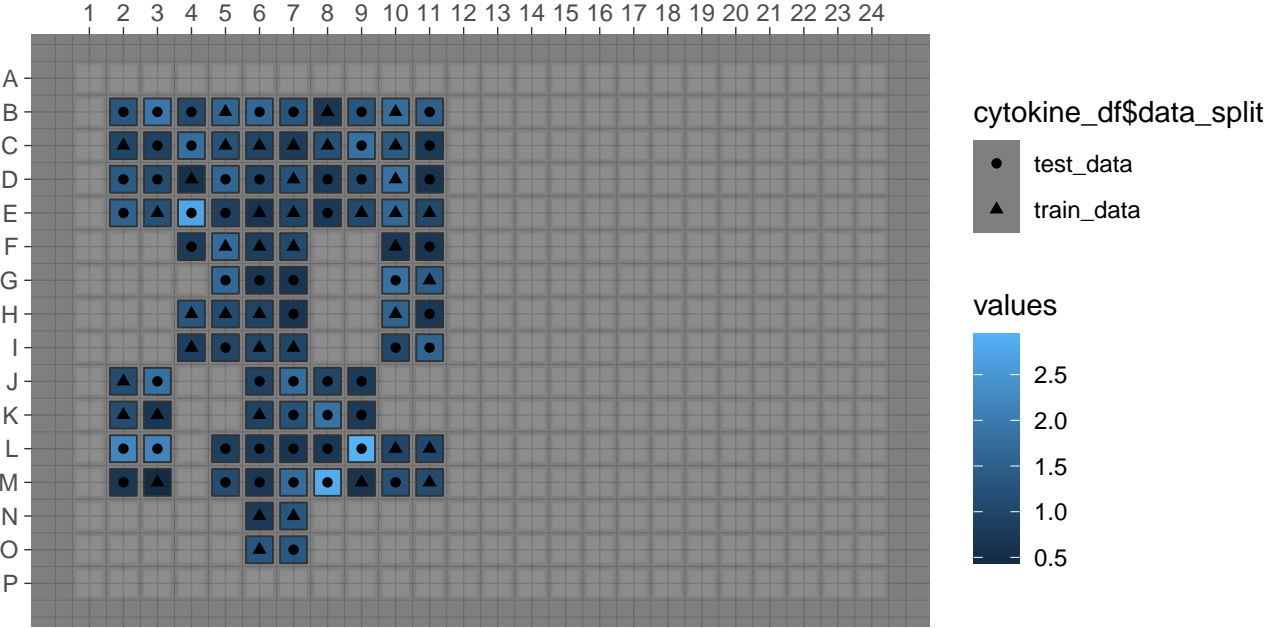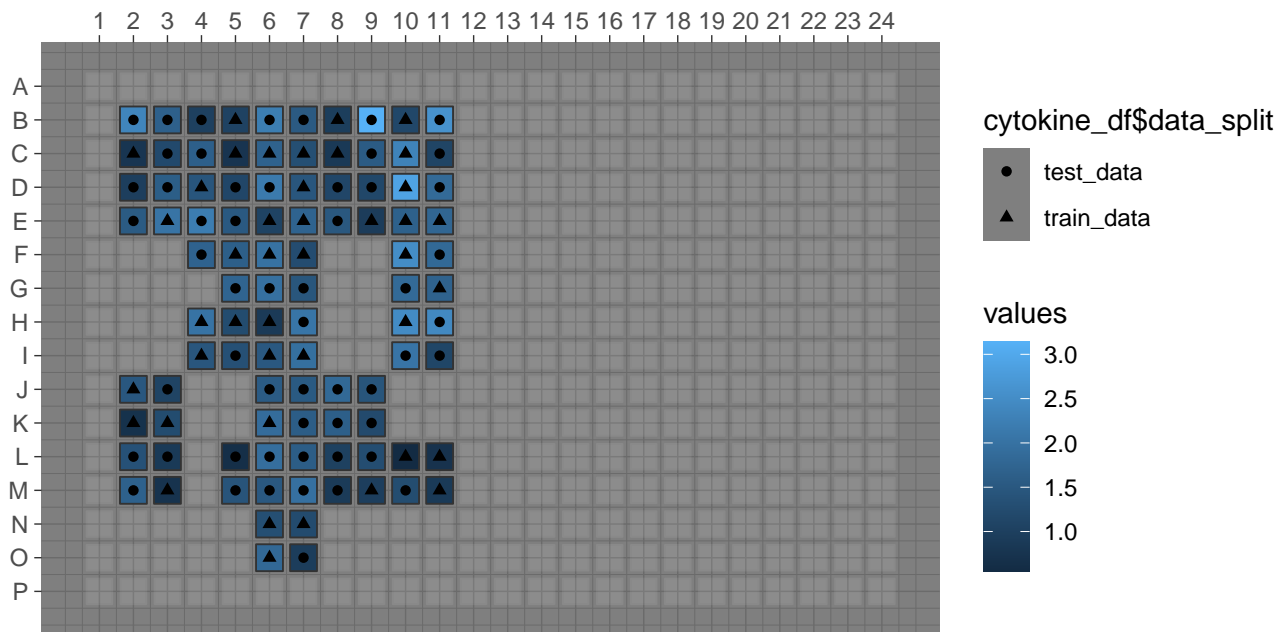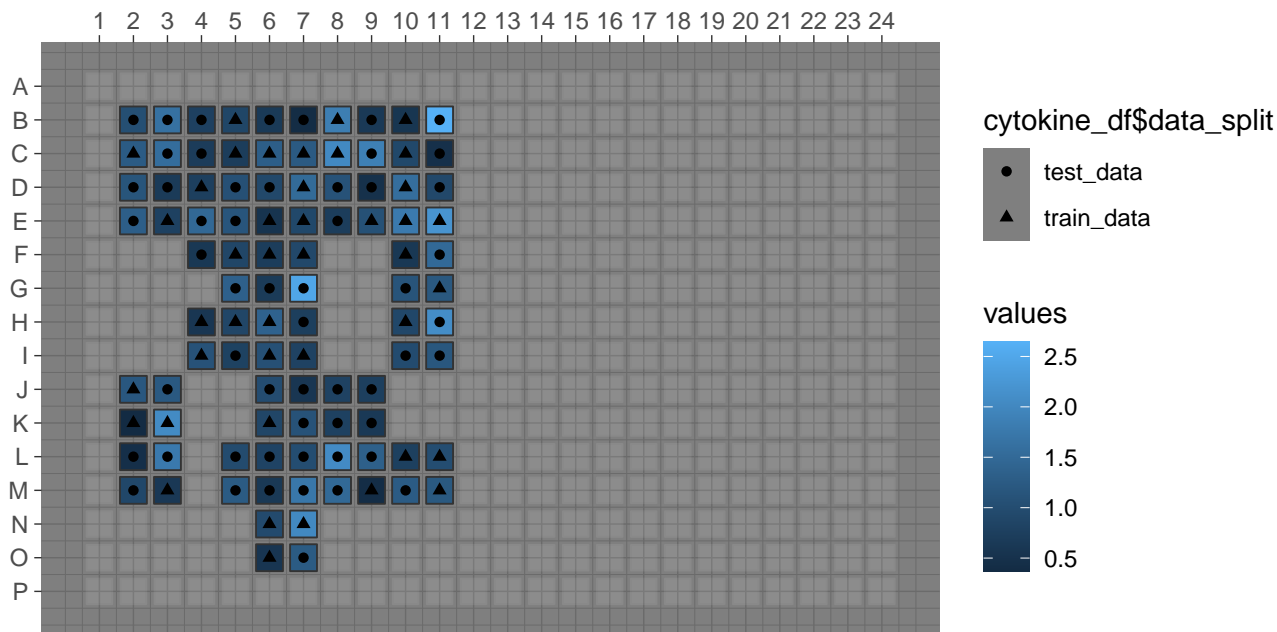
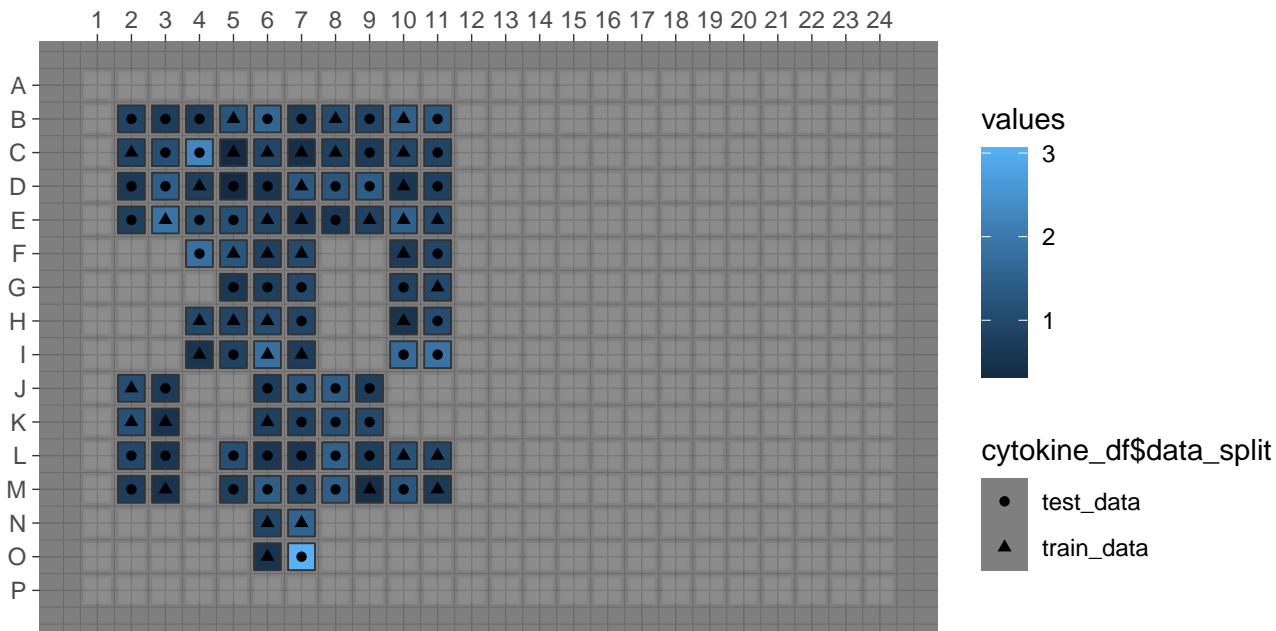Predictive Performance of GDF−15(MIC−1) per Well (Final model)

Predictive Performance of IL−1alpha per Well (Final model)
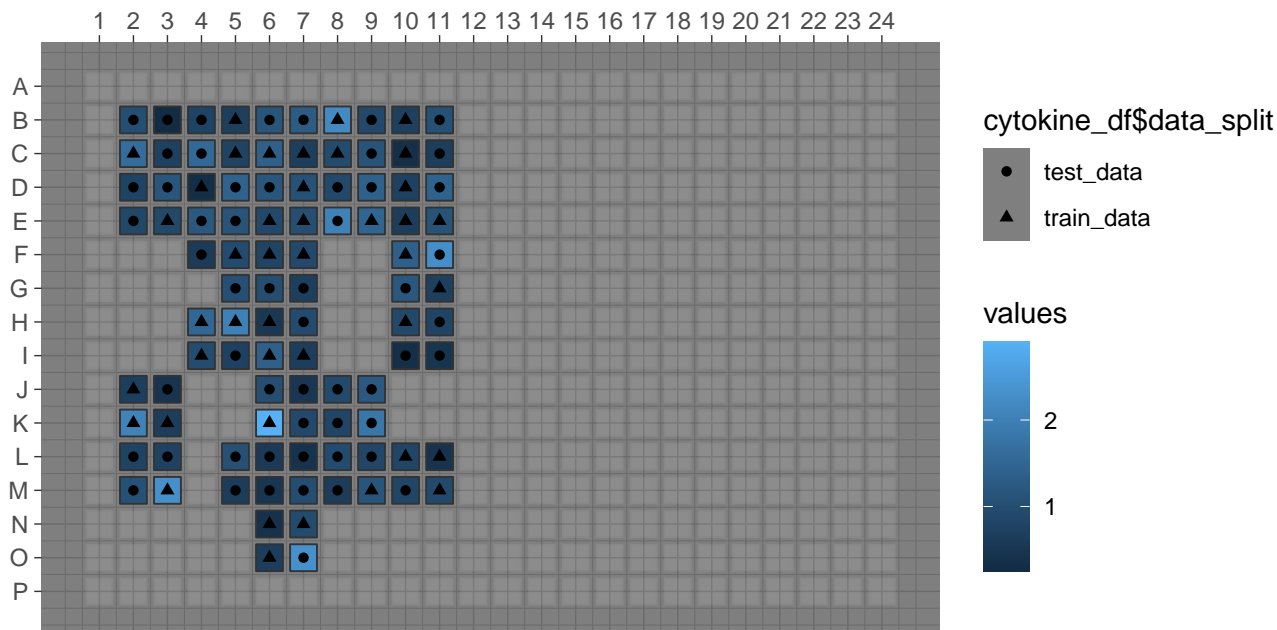
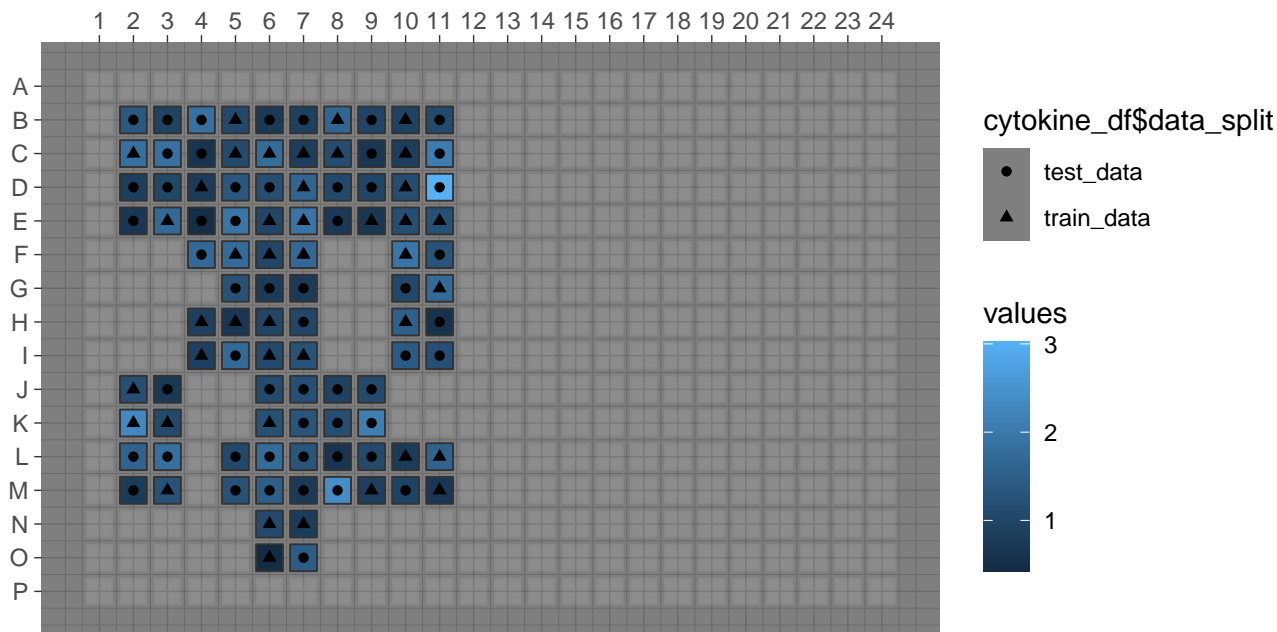Predictive Performance of IL−2RA per Well (Final model)

Predictive Performance of TREM2 per Well (Final model)
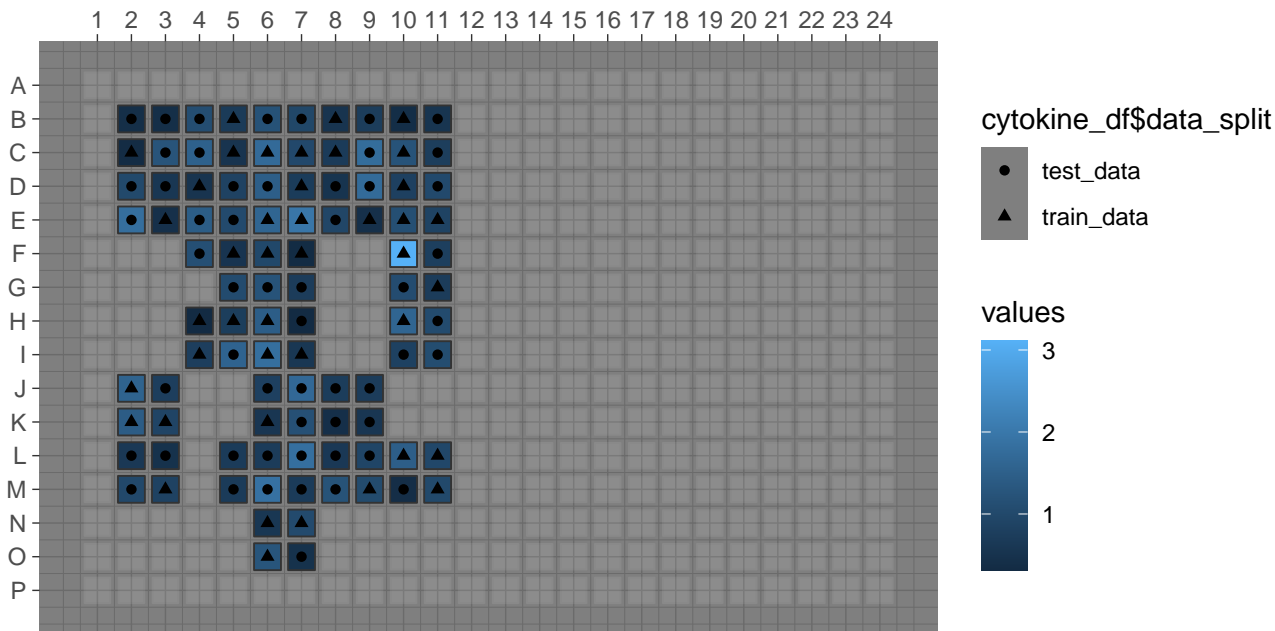
Predictive Performance of TGF−beta3 per Well (Final model)

Predictive Performance of BDF per Well (Final model)

Predictive Performance of TGF−beta1(LAPdomaininprecursor) per Well (Final mod...

Predictive Performance of FLRG(FTL3) per Well (Final model)

Predictive Performance of EGFR per Well (Final model)

Predictive Performance of GrowthHormone(omatotropin) per Well (Final model)

Predictive Performance of CD163 per Well (Final model)

Predictive Performance of ActivinA per Well (Final model)

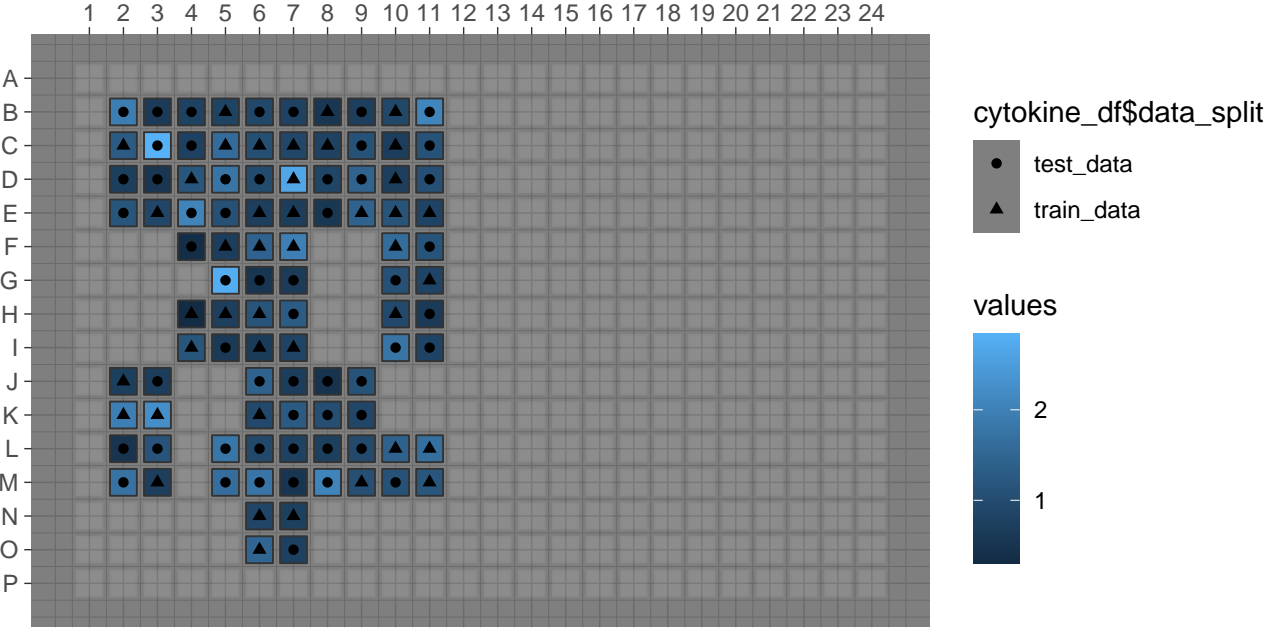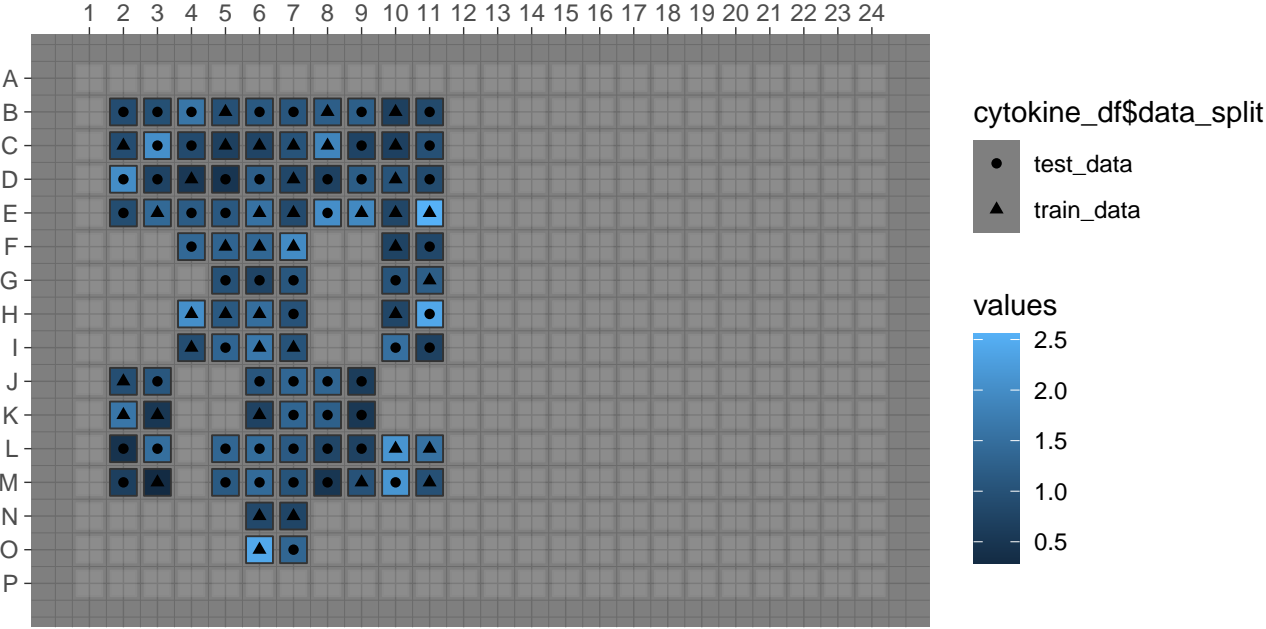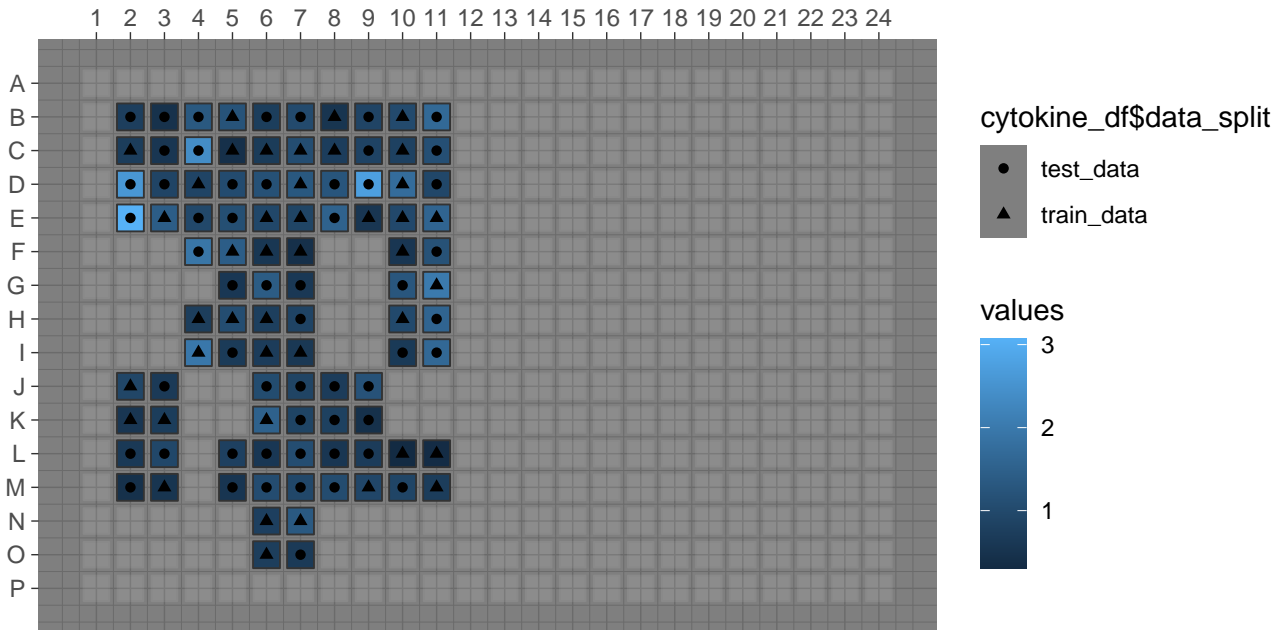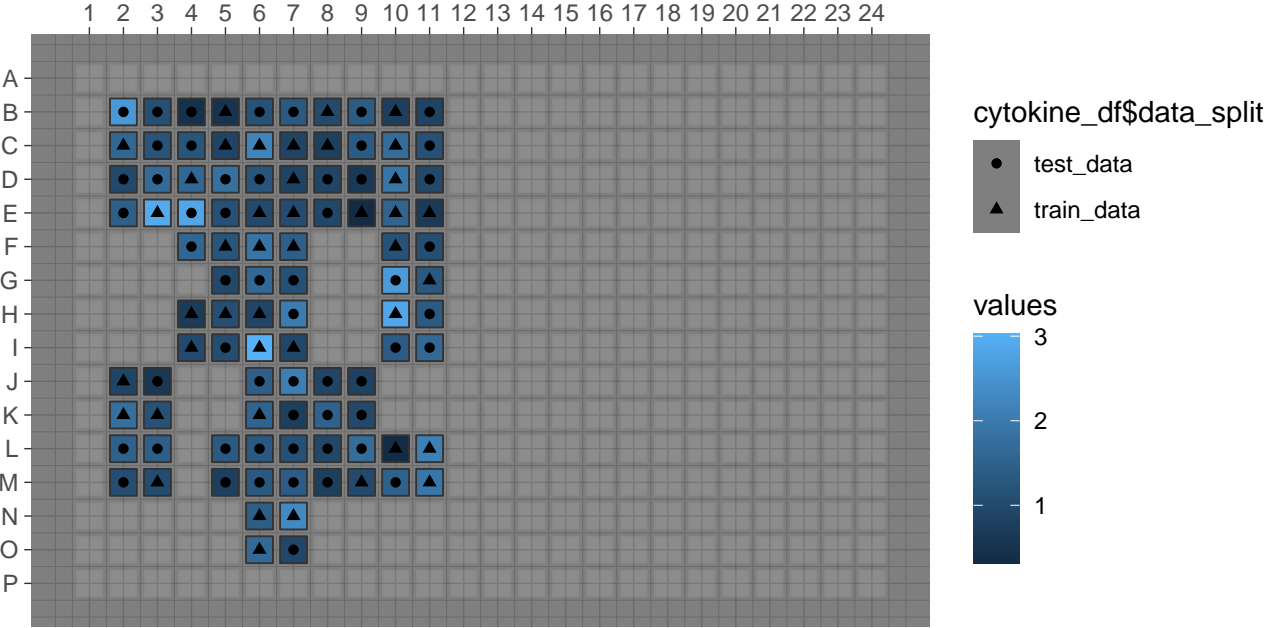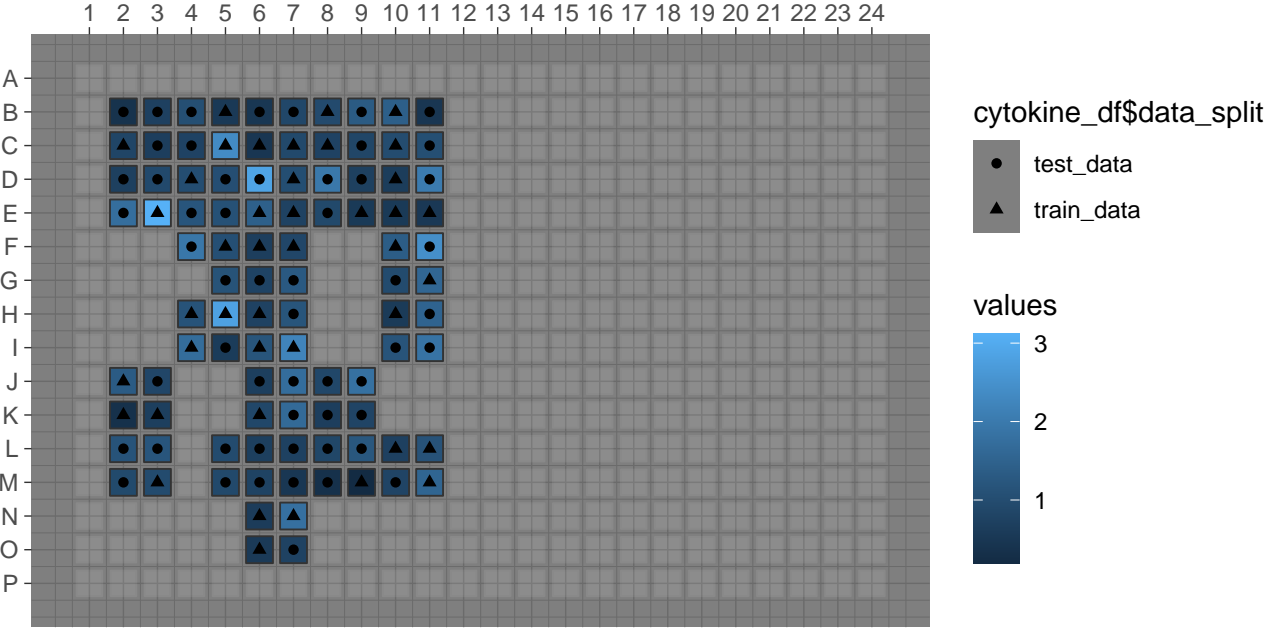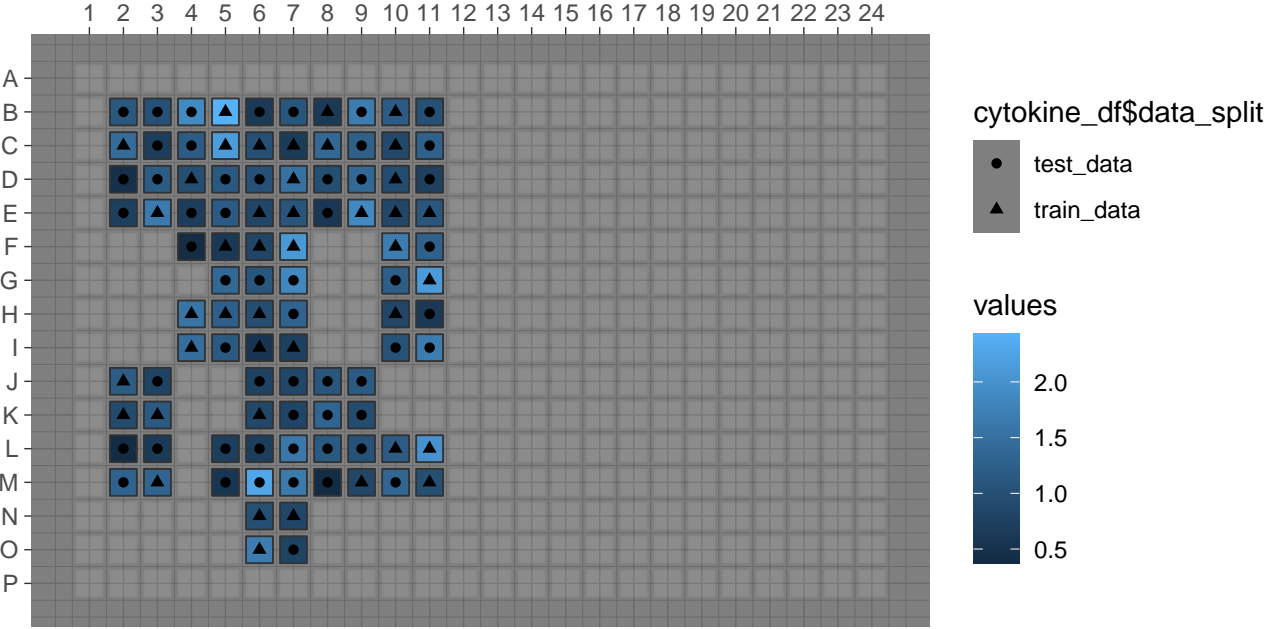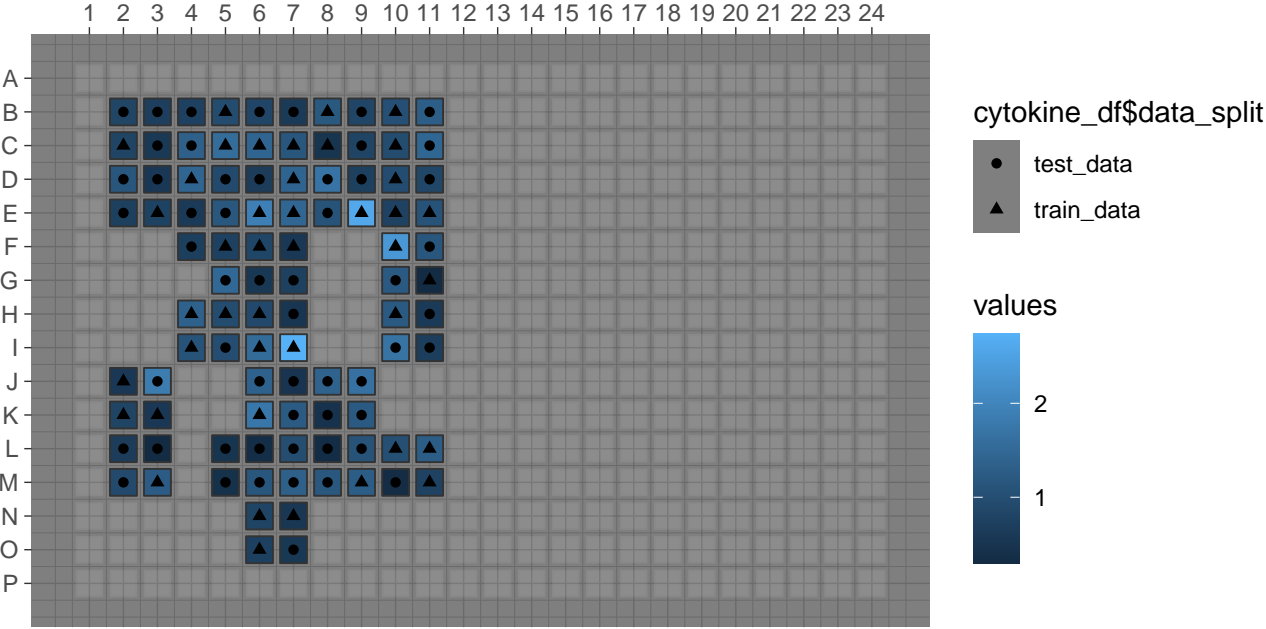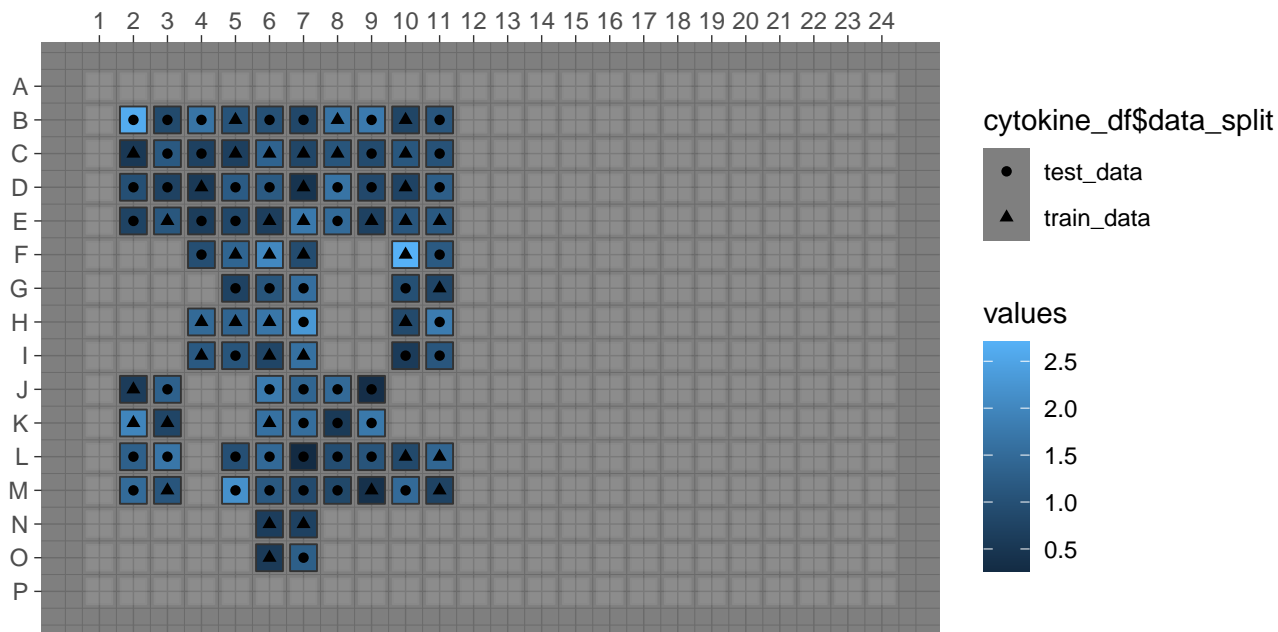Predictive Performance of IL−32(alpha) per Well (Final model)

Predictive Performance of PCK9 per Well (Final model)

Predictive Performance of IL−17E(IL−25) per Well (Final model)

Predictive Performance of CXCL4 per Well (Final model)

Predictive Performance of M−CF per Well (Final model)

Predictive Performance of XCL1(Lymphotactin) per Well (Final model)
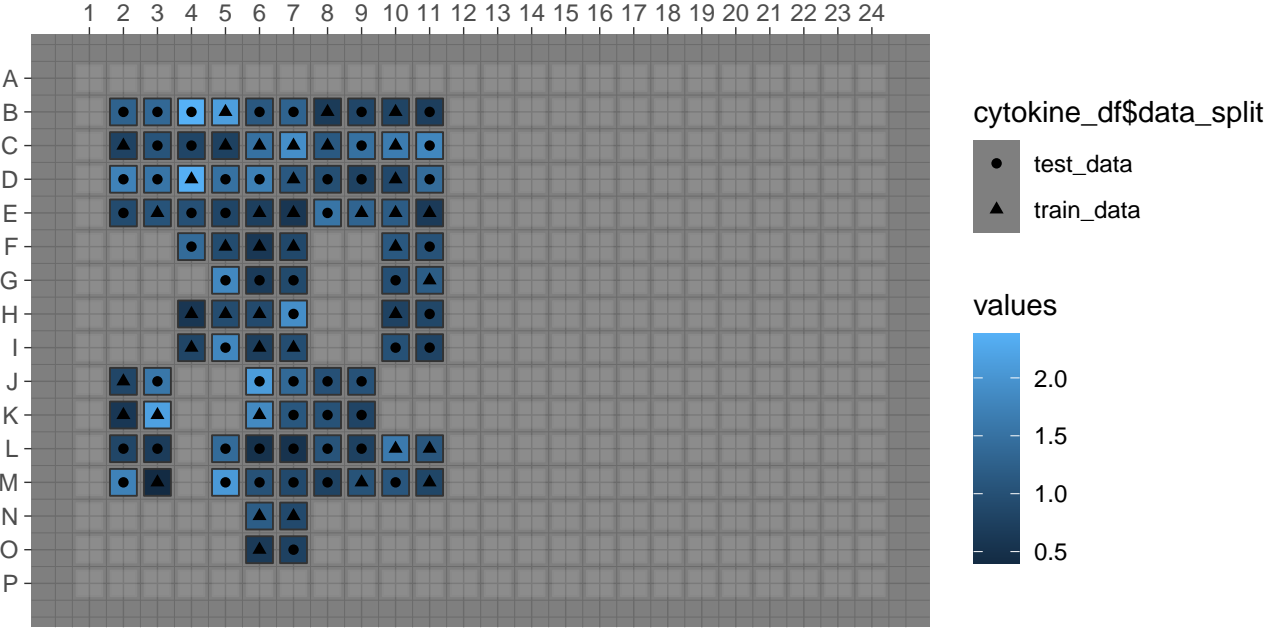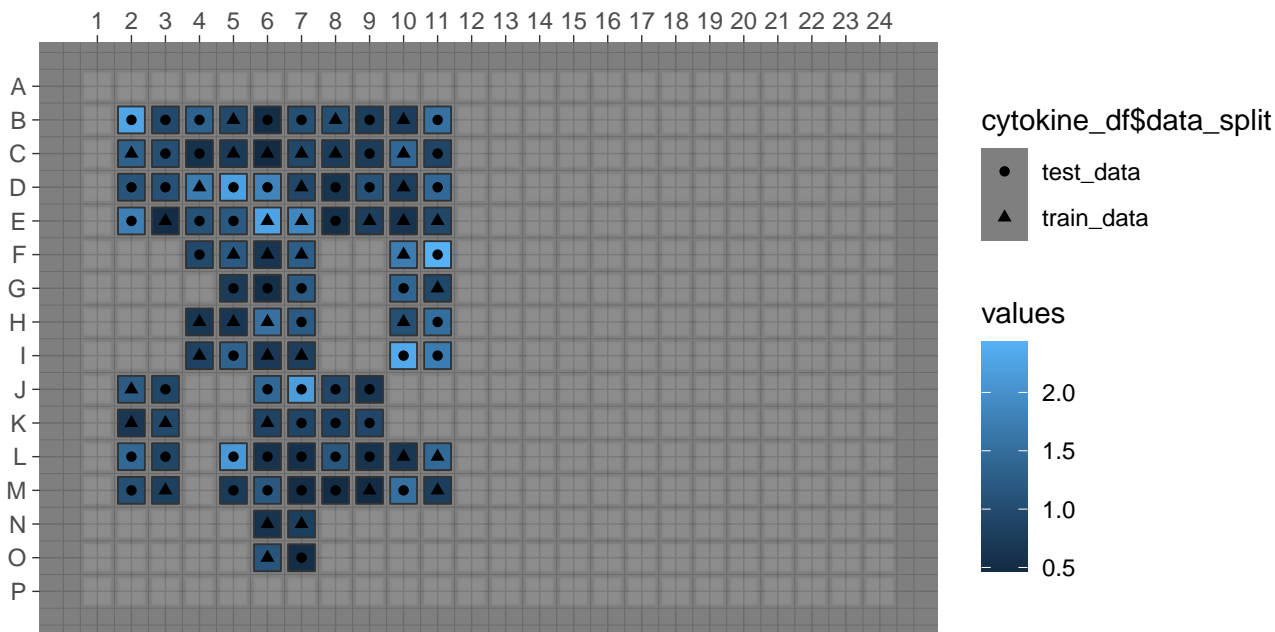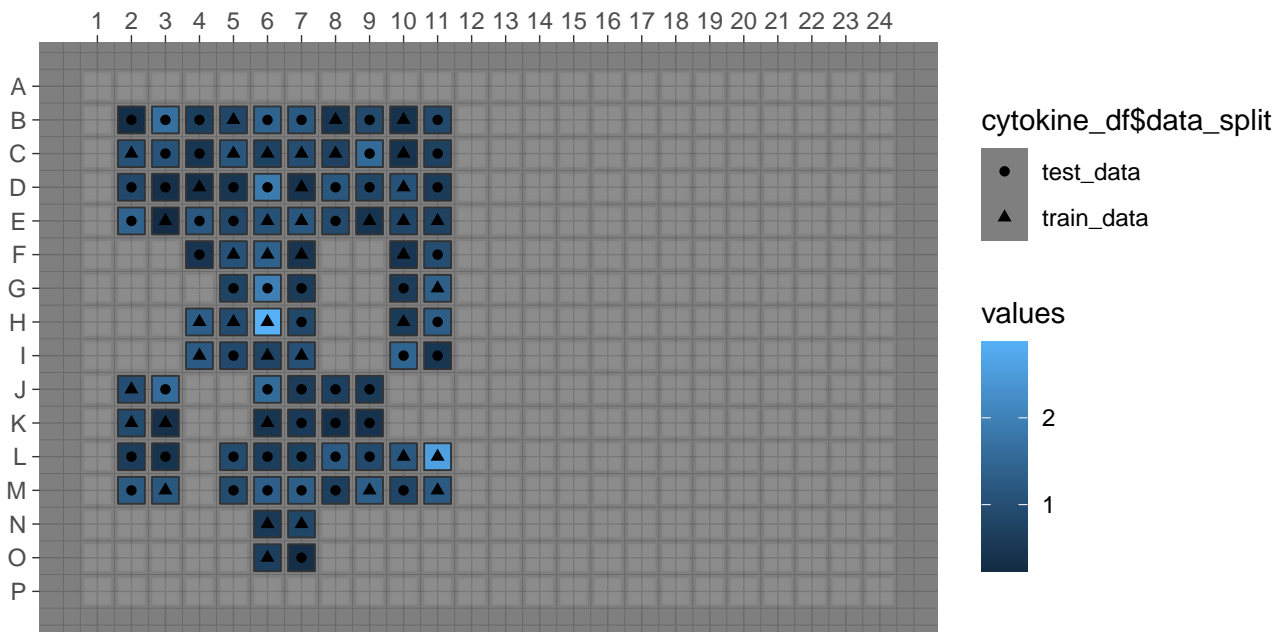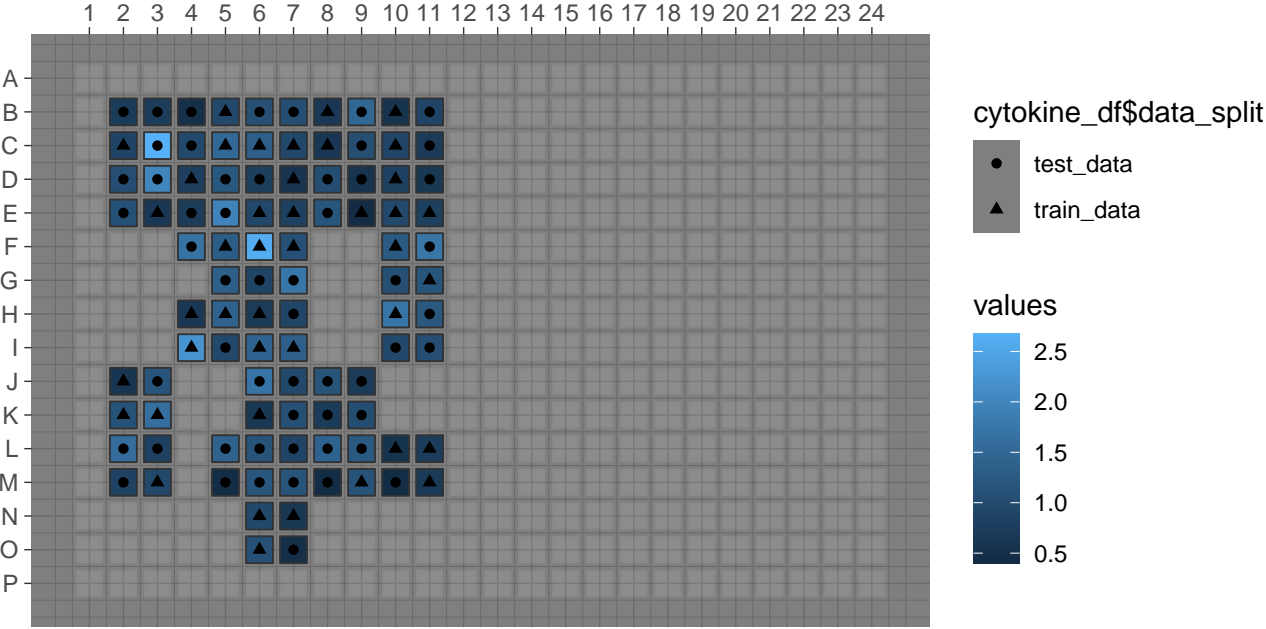
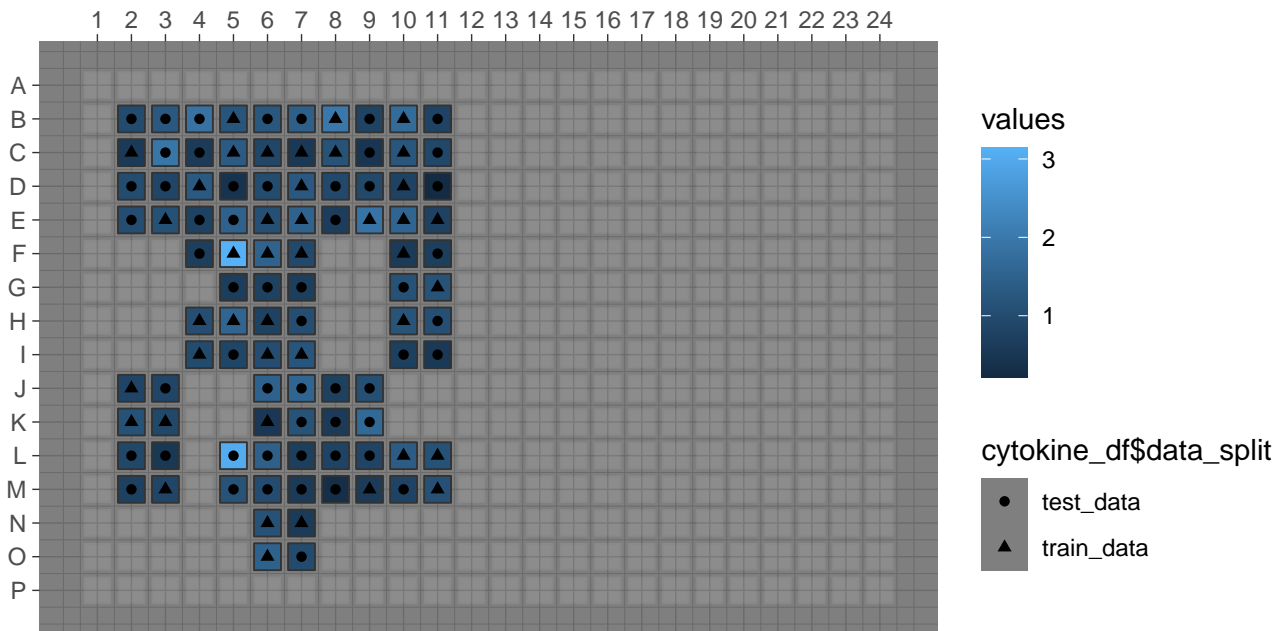Predictive Performance of CXCL17 per Well (Final model)

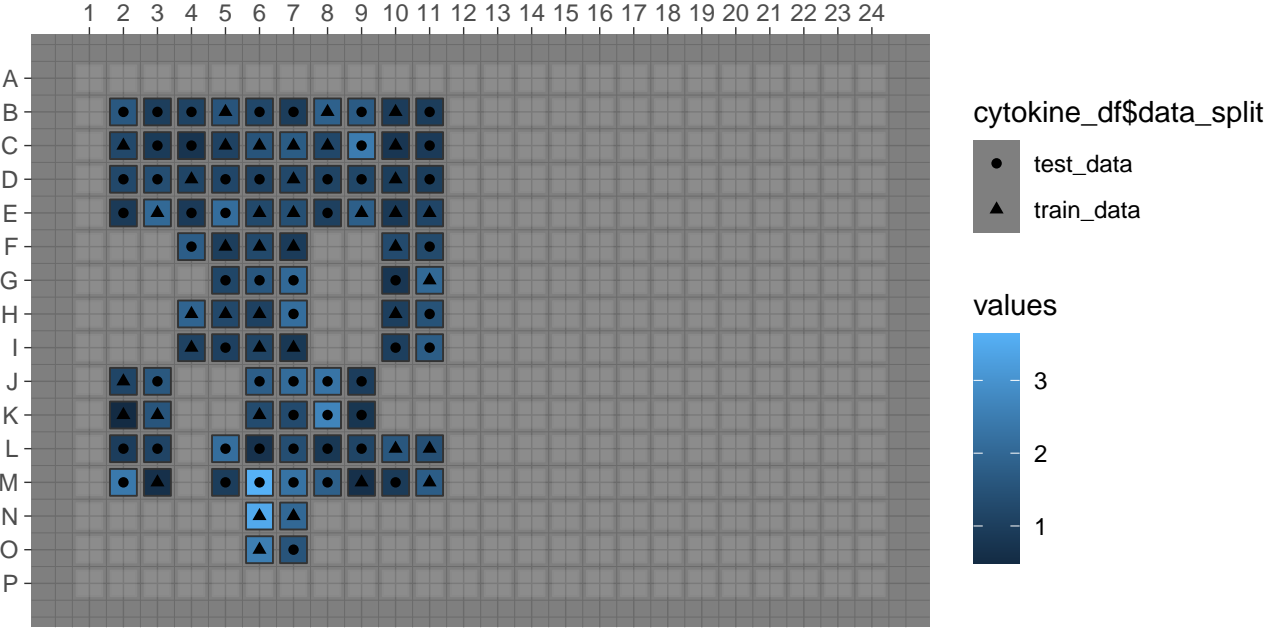Predictive Performance of CXCL13 per Well (Final model)

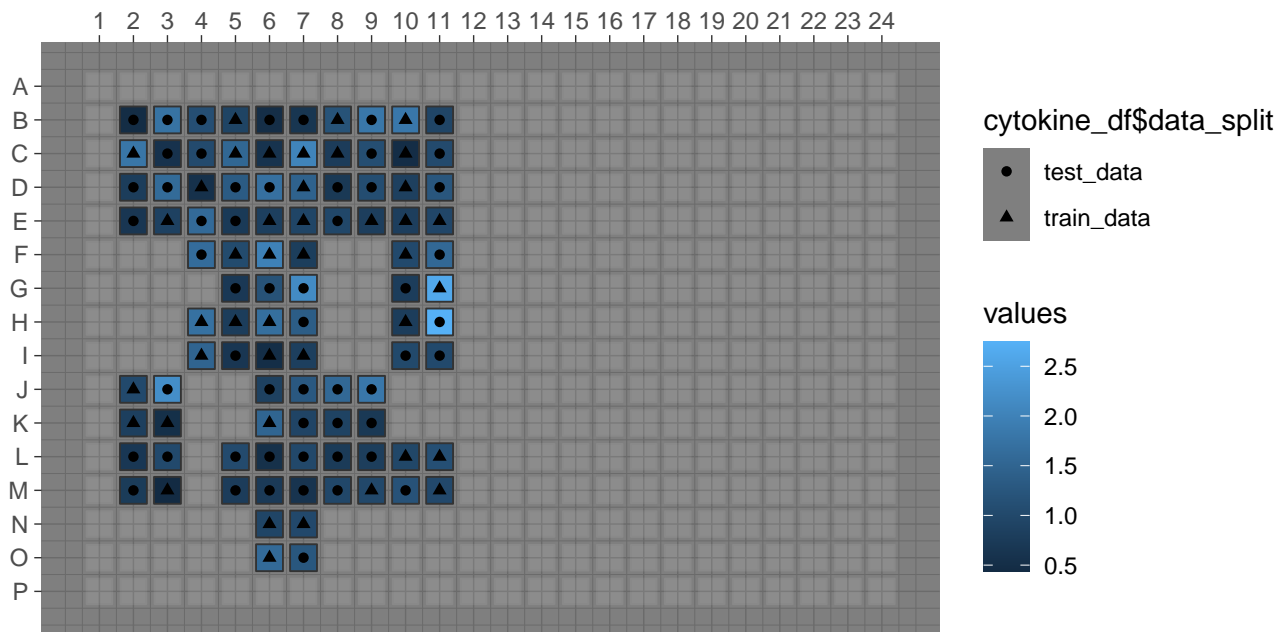Predictive Performance of CCL8 per Well (Final model)

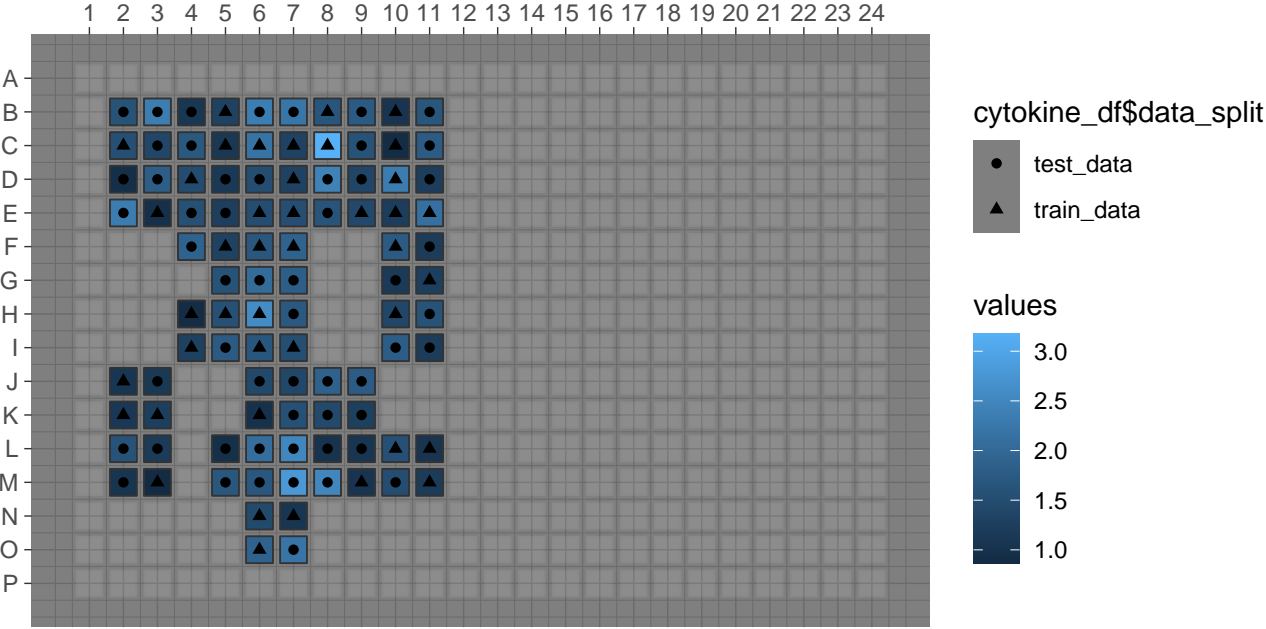Predictive Performance of RG1beta1 per Well (Final model)

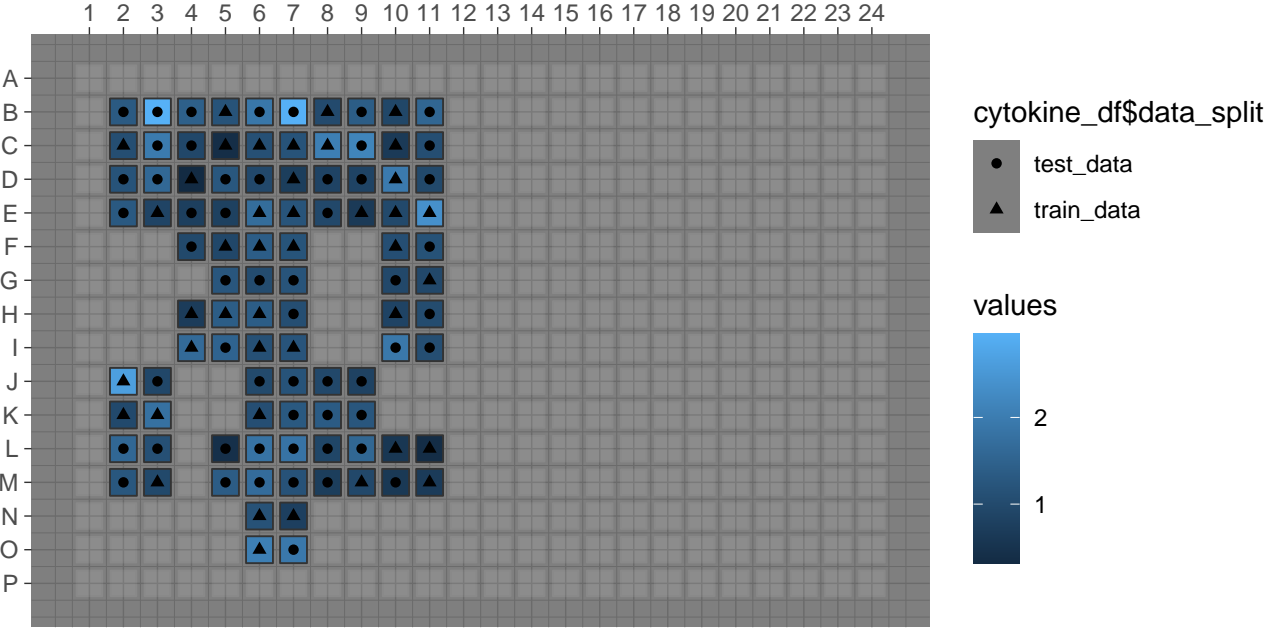Predictive Performance of IL−22BP per Well (Final model)

Predictive Performance of TissueFactor(TF) per Well (Final model)
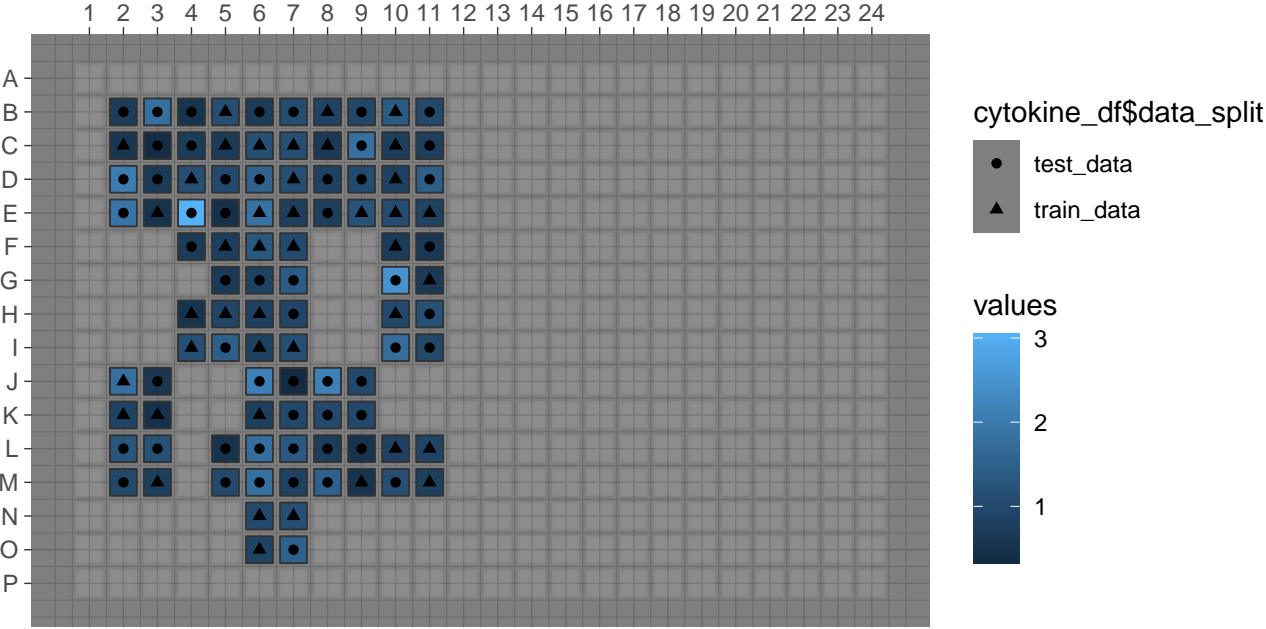
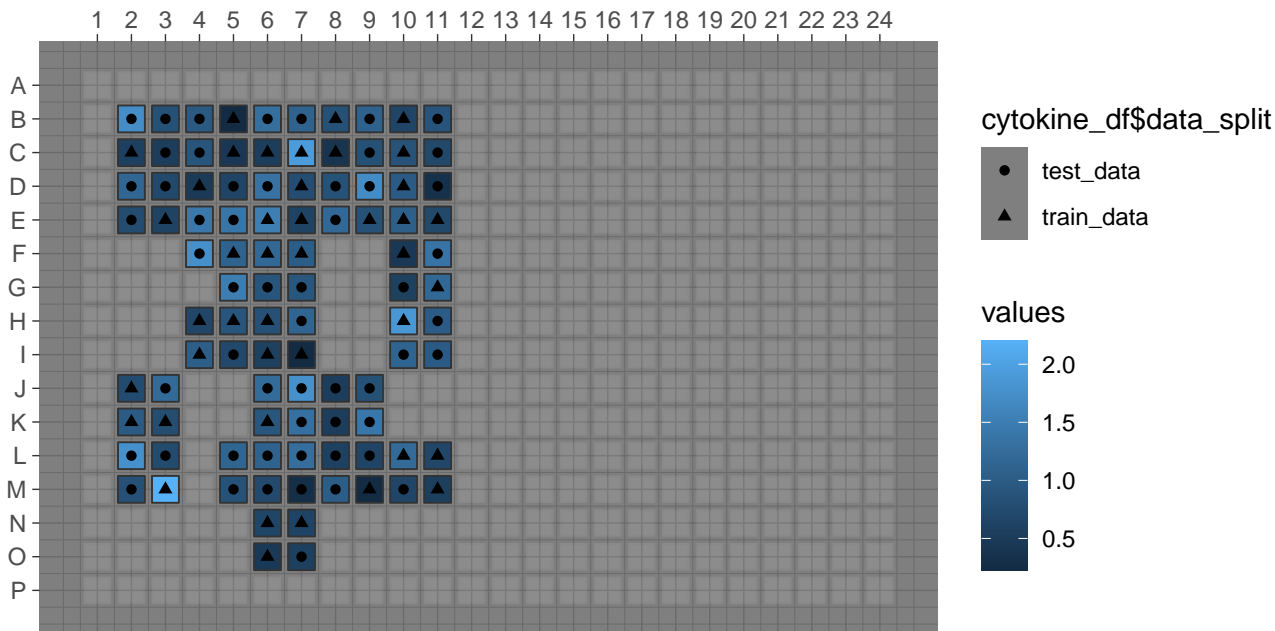Predictive Performance of TIMP1 per Well (Final model)

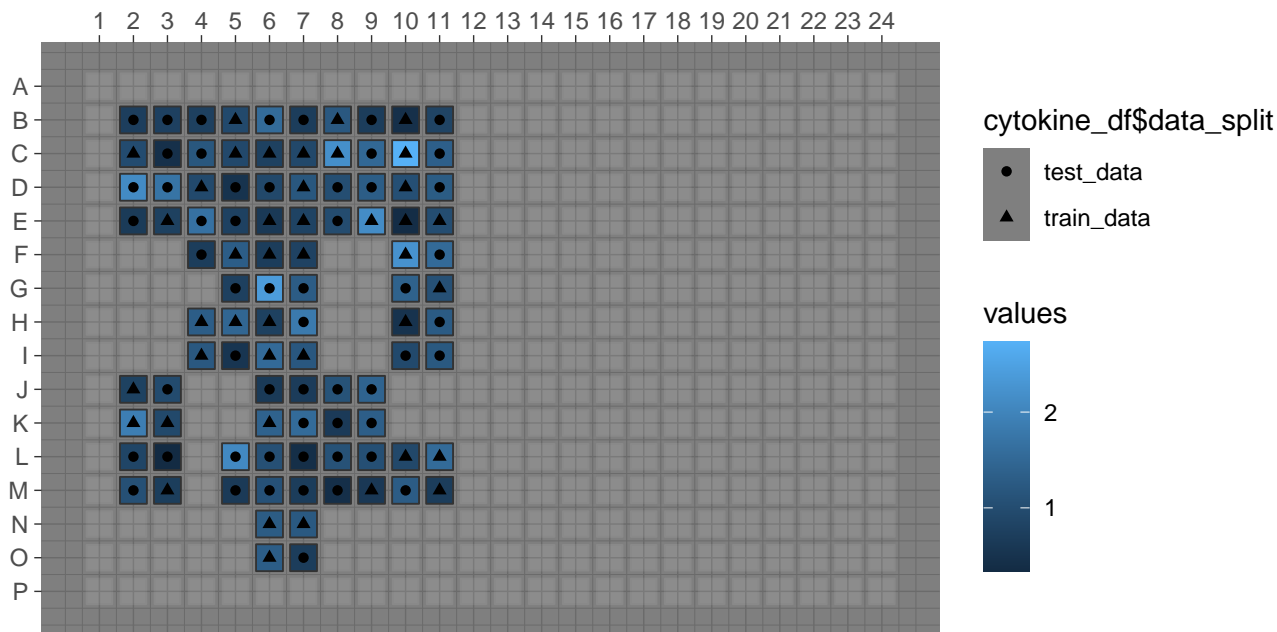Predictive Performance of VEGFR−1 per Well (Final model)

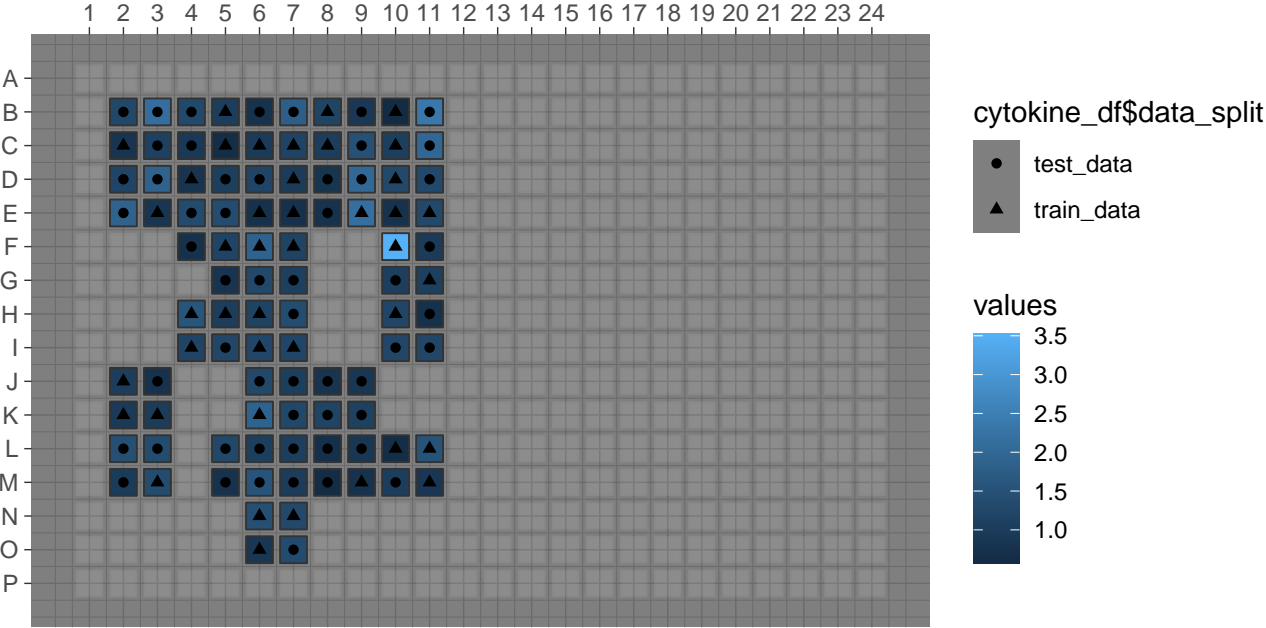Predictive Performance of IL−17F per Well (Final model)

Predictive Performance of APRIL per Well (Final model)
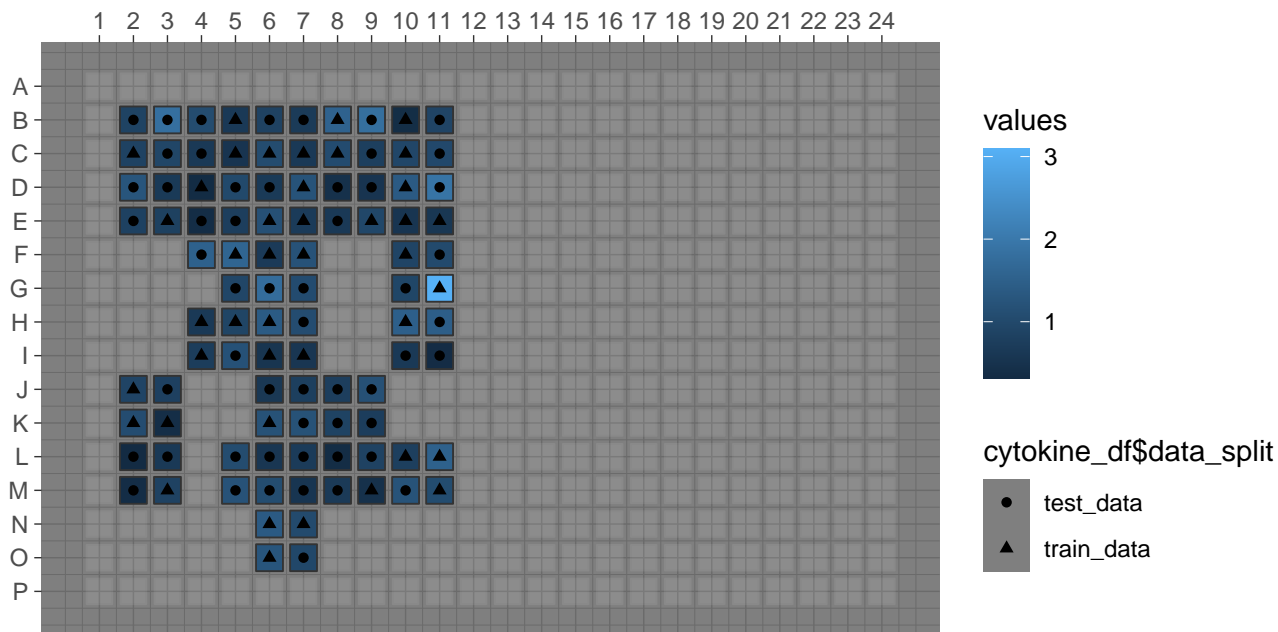
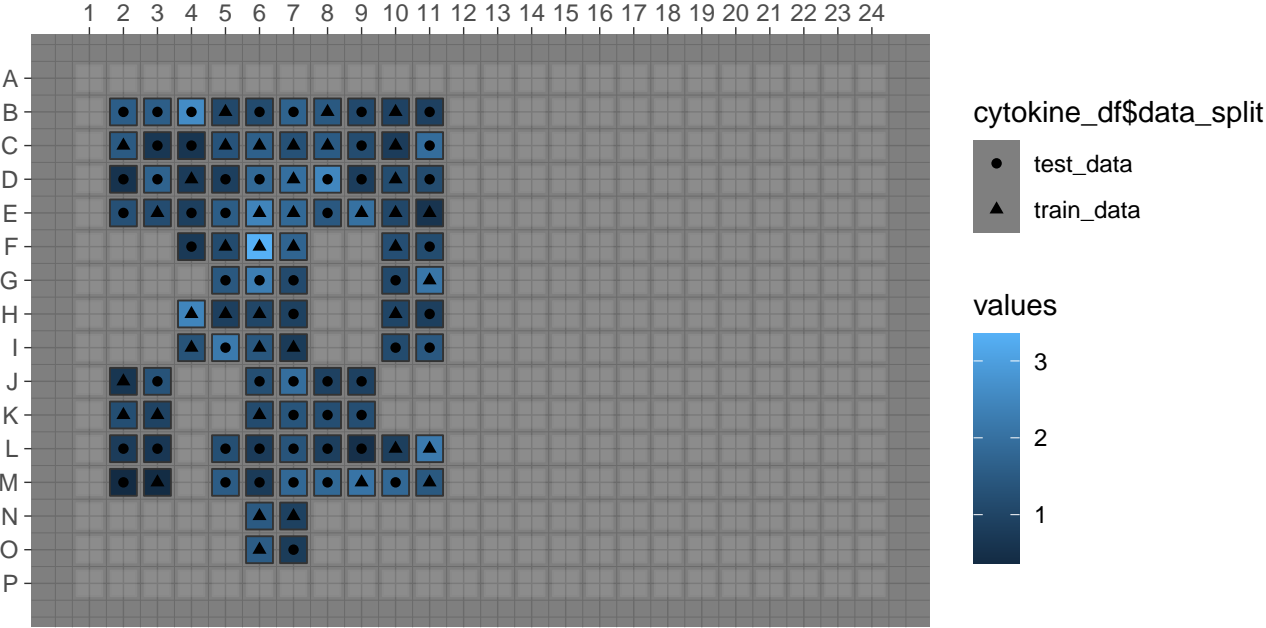Predictive Performance of CD27L per Well (Final model)

Predictive Performance of MMP−9 per Well (Final model)

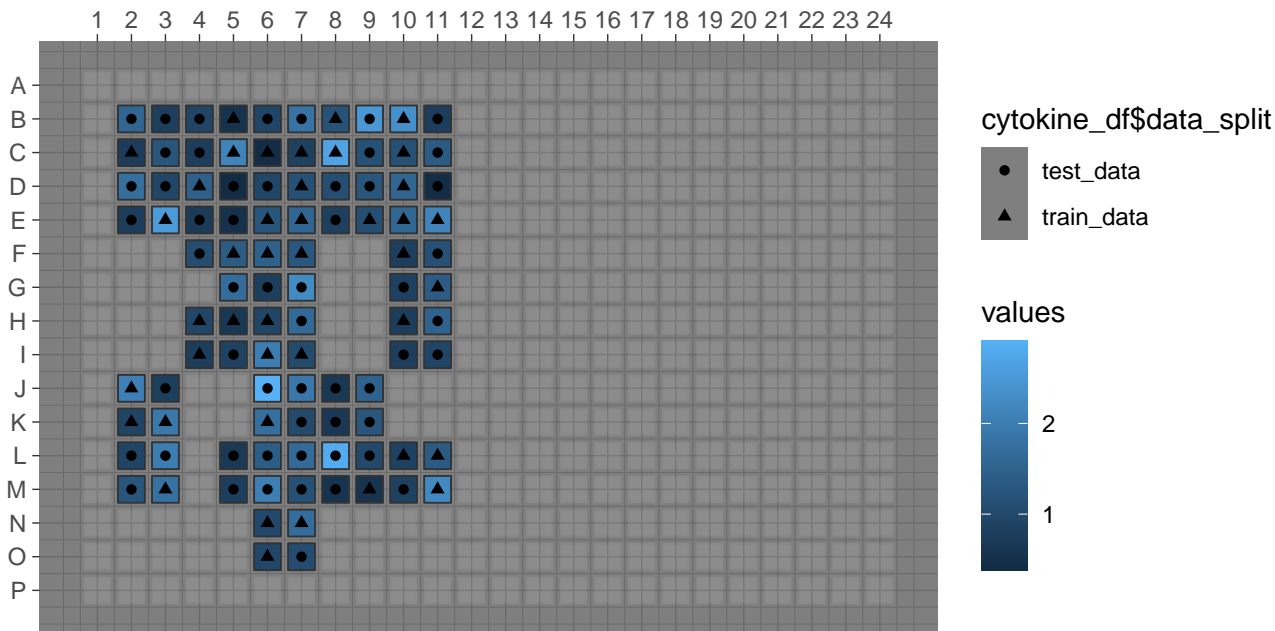Predictive Performance of FGF−9 per Well (Final model)

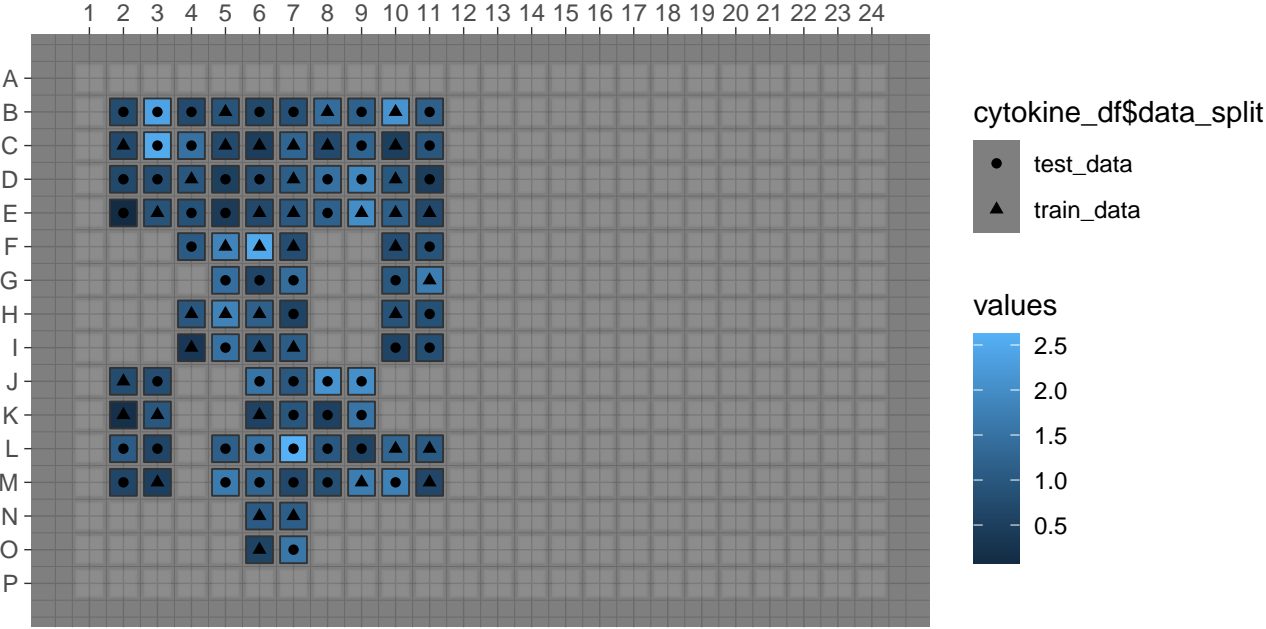Predictive Performance of FGF−2 per Well (Final model)

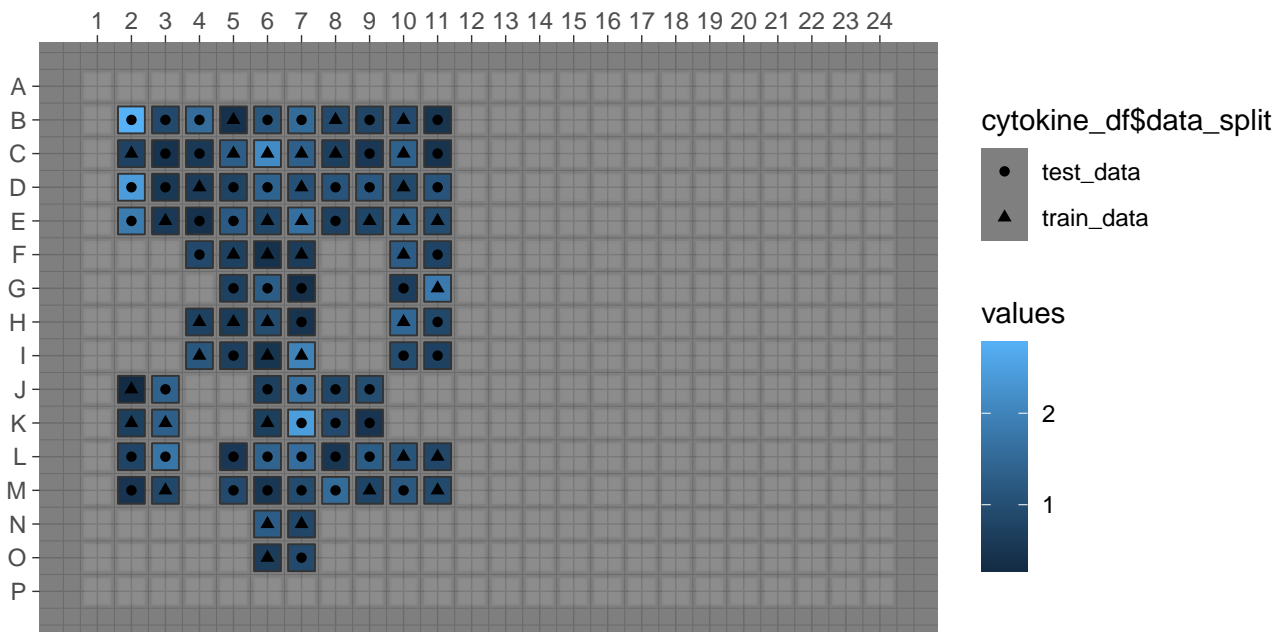Predictive Performance of GM-CF per Well (Final model)

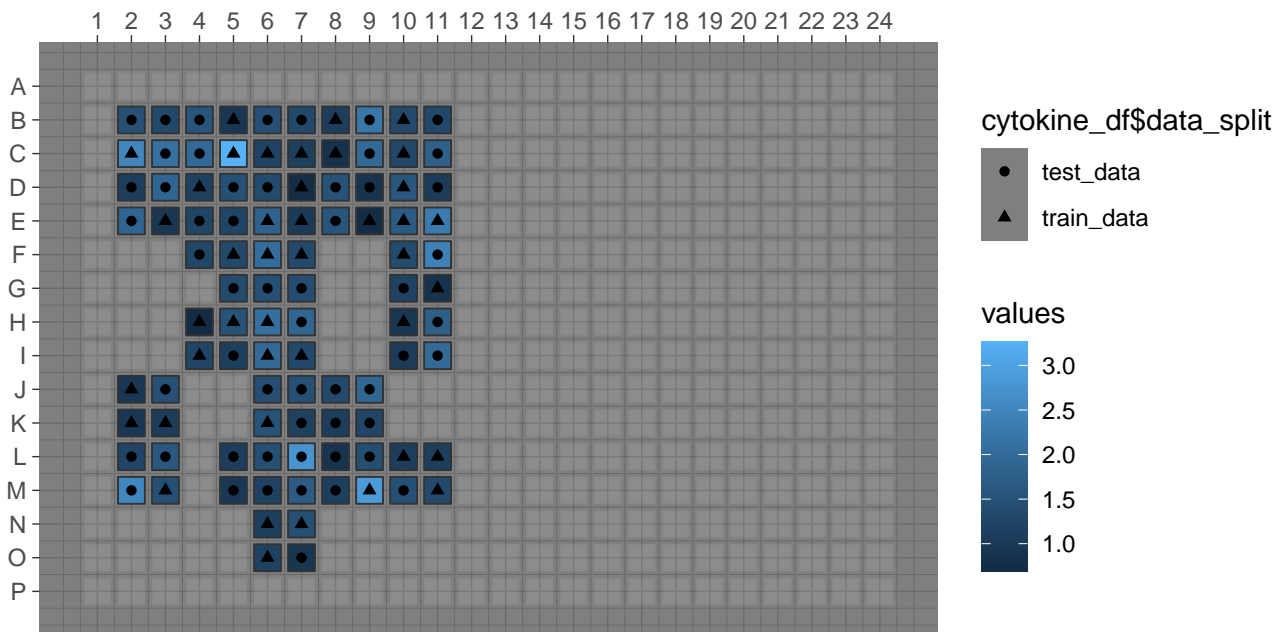Predictive Performance of Mesothelin per Well (Final model)

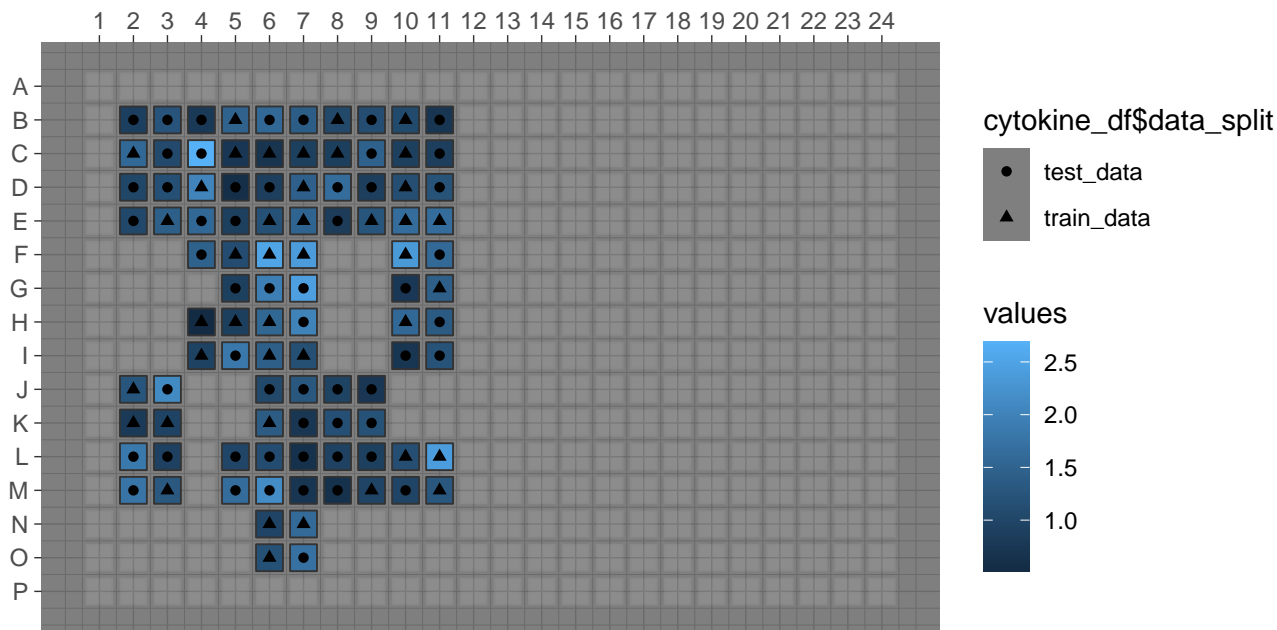Predictive Performance of M−CFR(CD115) per Well (Final model)

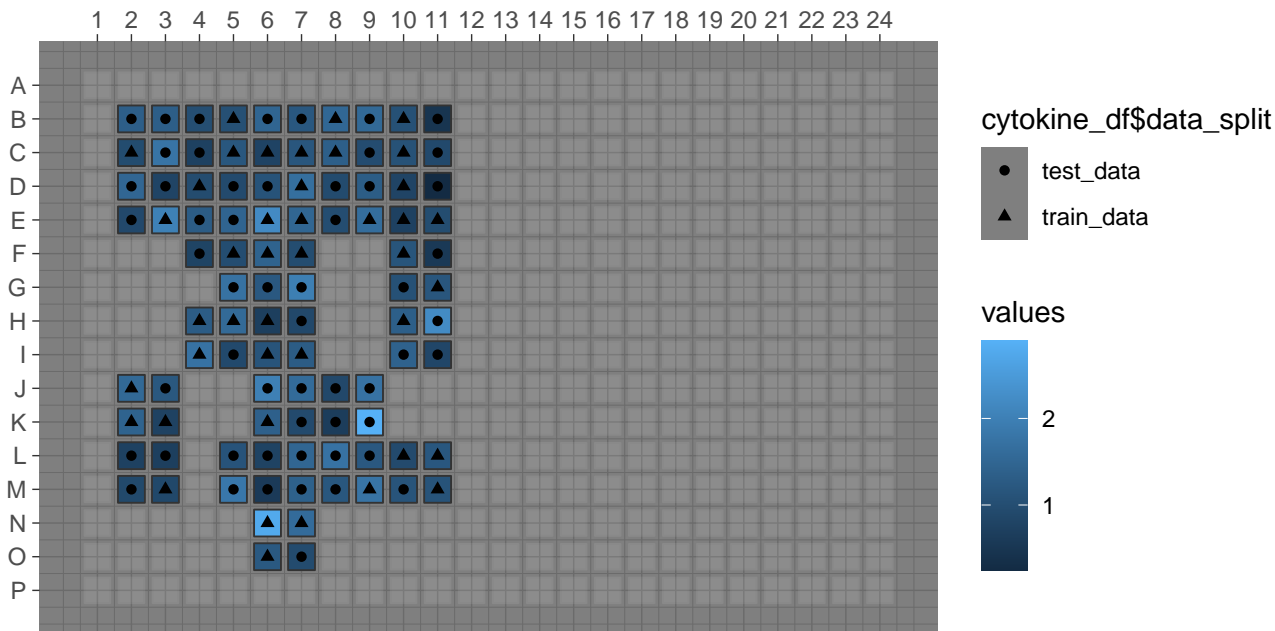Predictive Performance of TWEAK per Well (Final model)

Predictive Performance of CXCL10 per Well (Final model)

Predictive Performance of IL−15 per Well (Final model)

Predictive Performance of C5_C5a per Well (Final model)

Predictive Performance of FGF−4 per Well (Final model)

Predictive Performance of OncostatinM(OM) per Well (Final model)

Predictive Performance of CD30 per Well (Final model)

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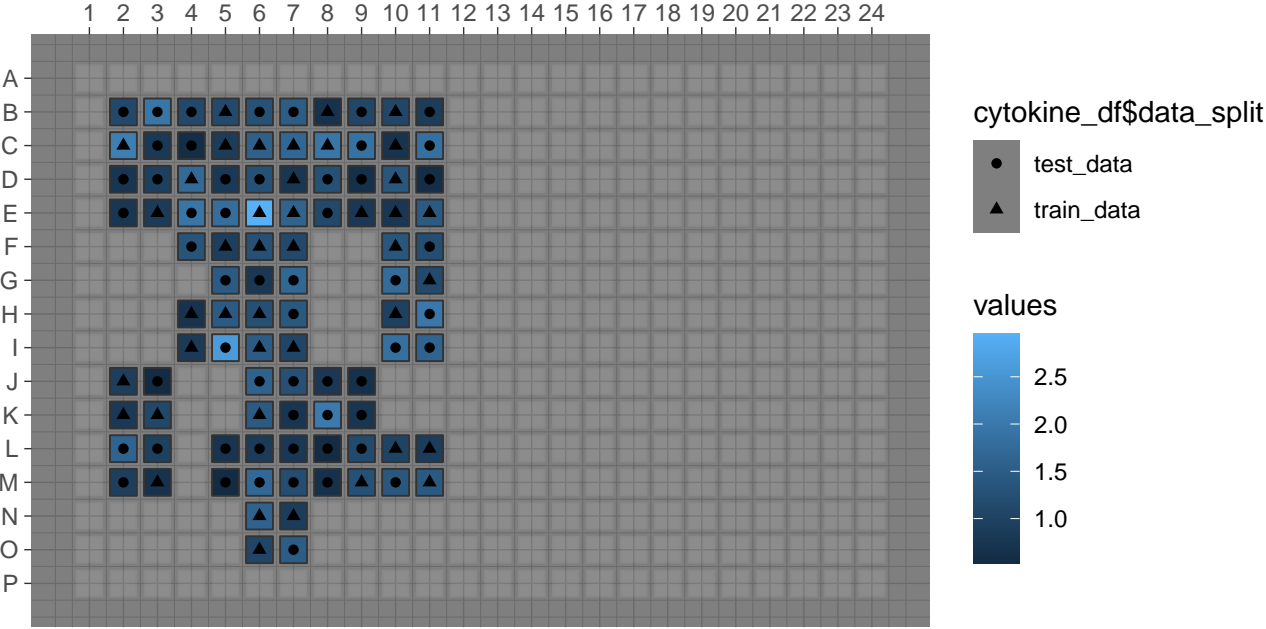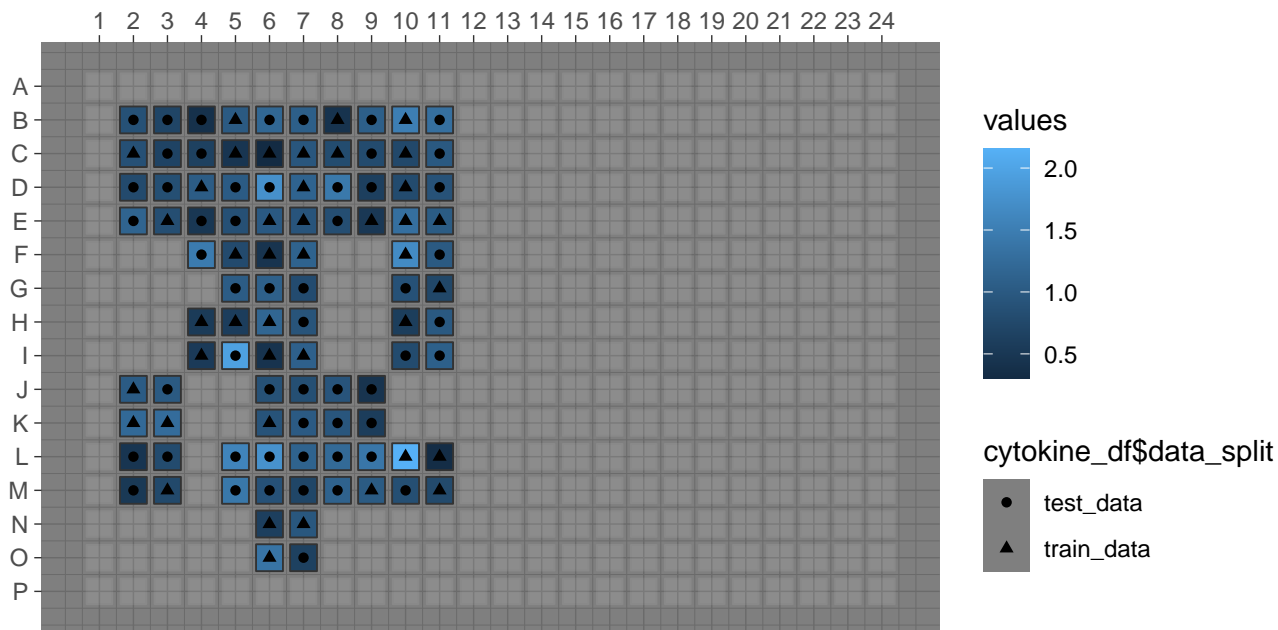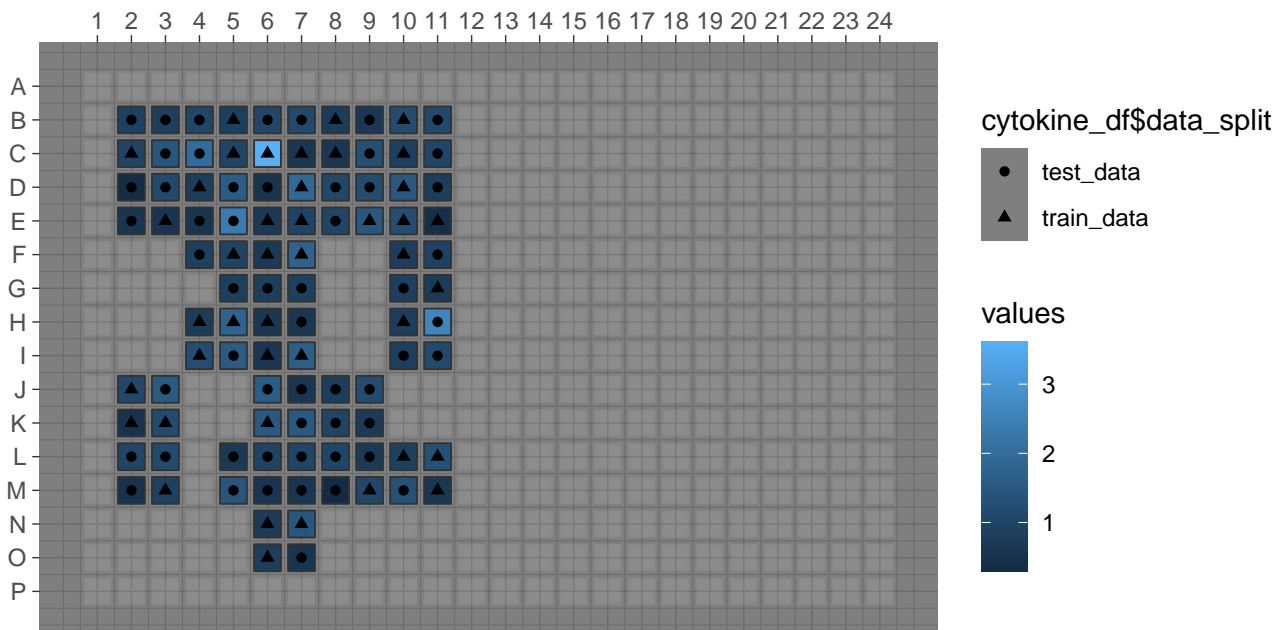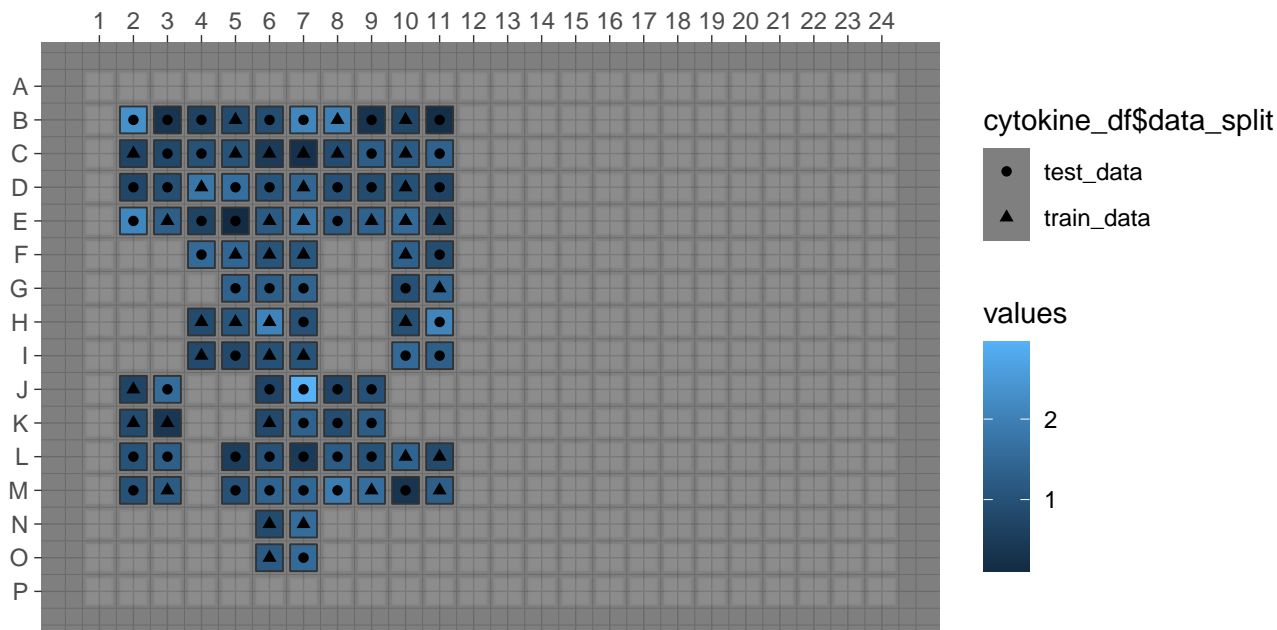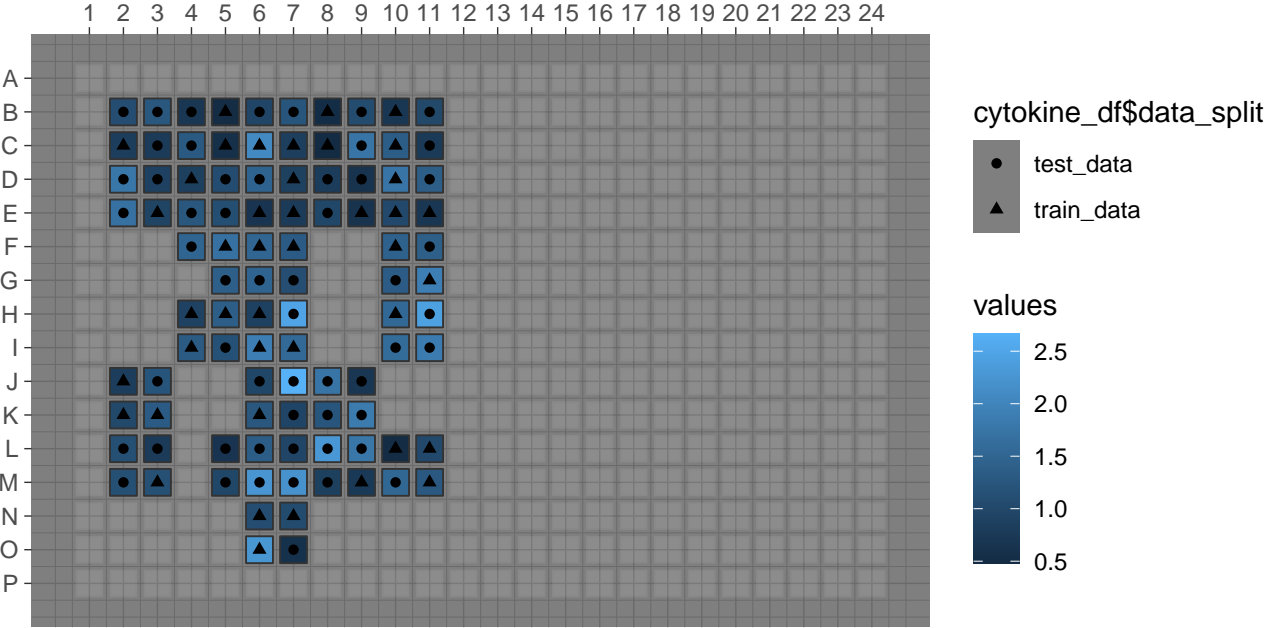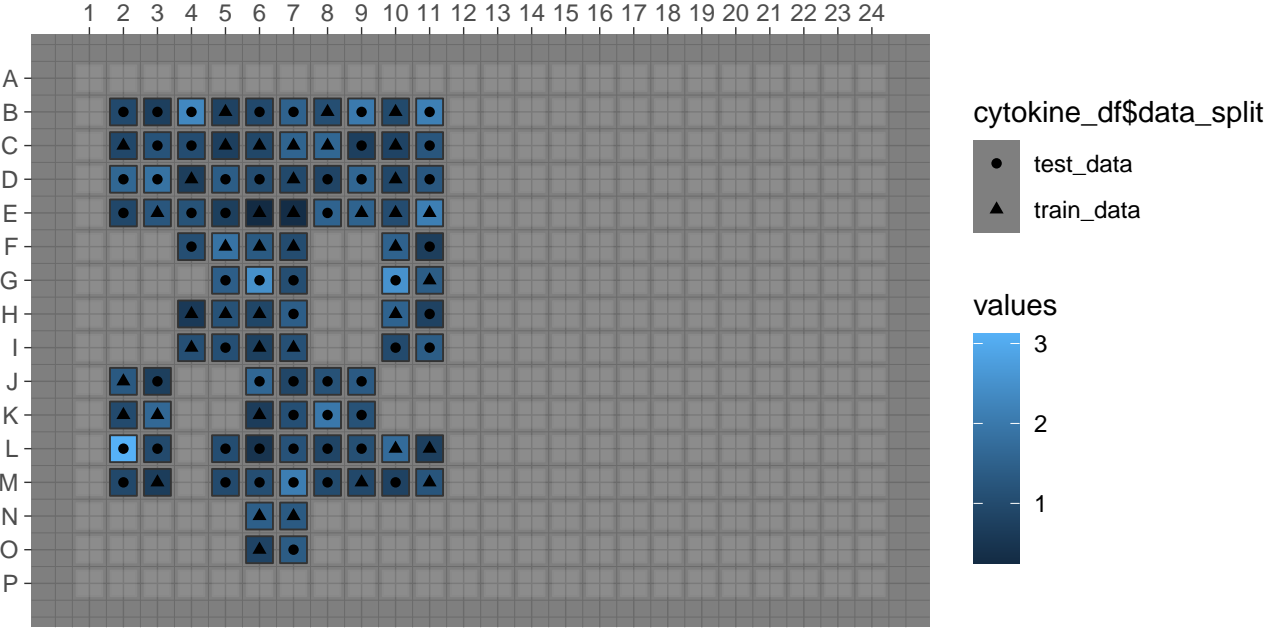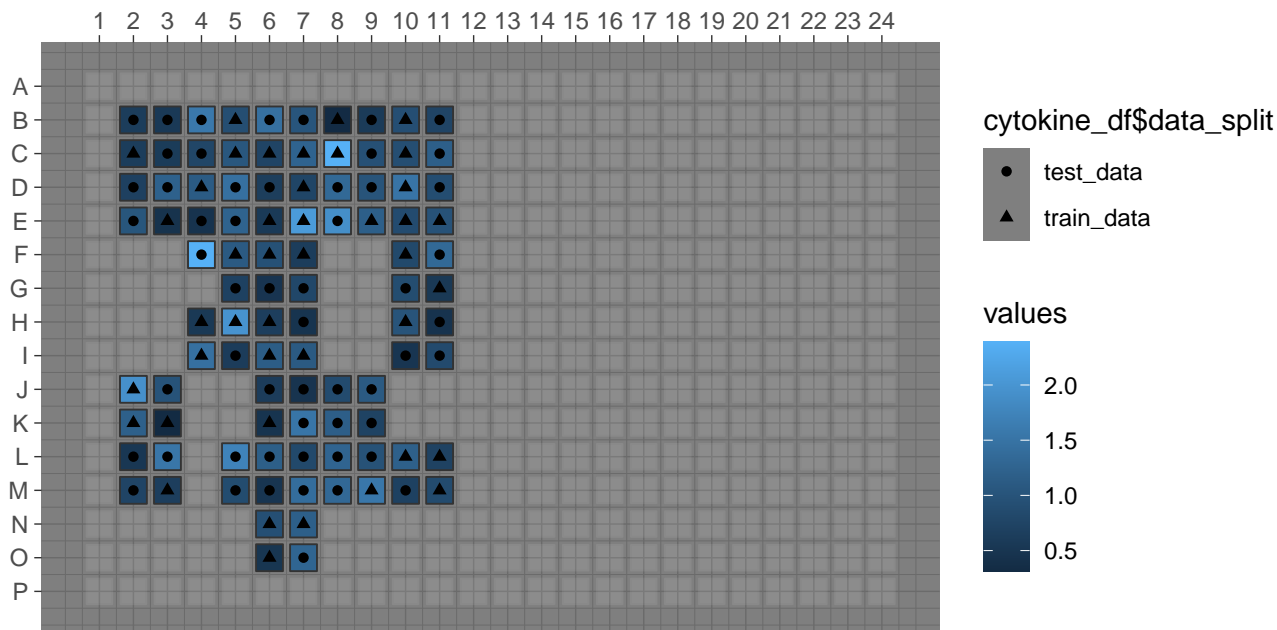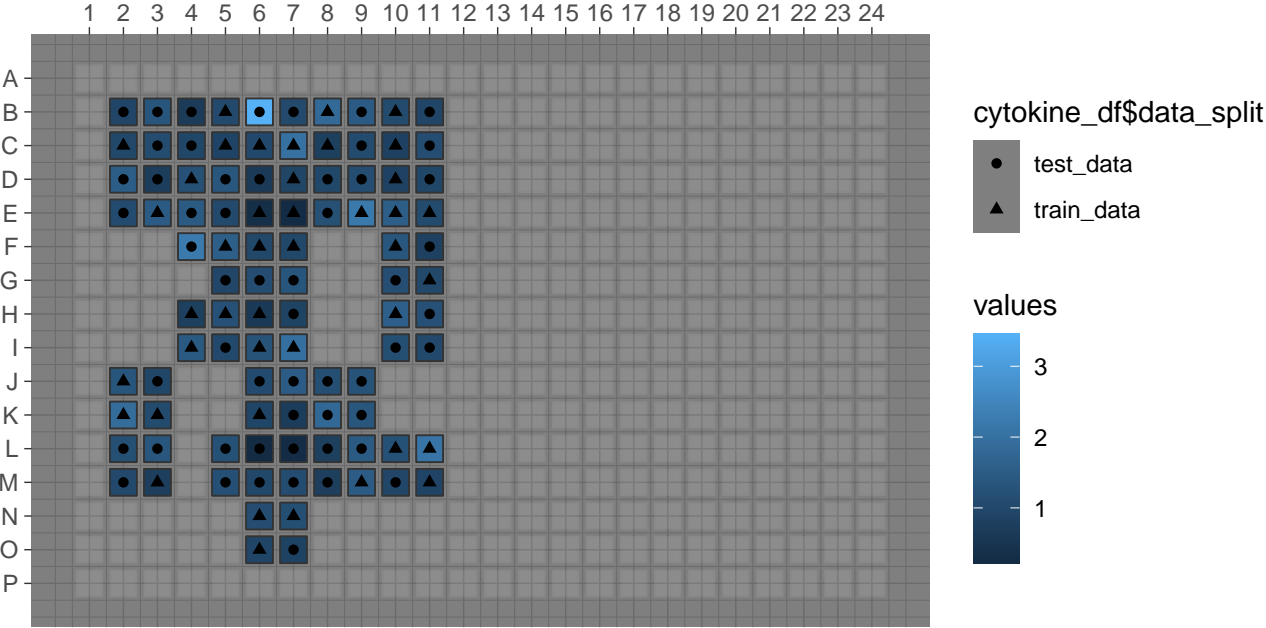
Predictive Performance of IL−17A per Well (Final model)
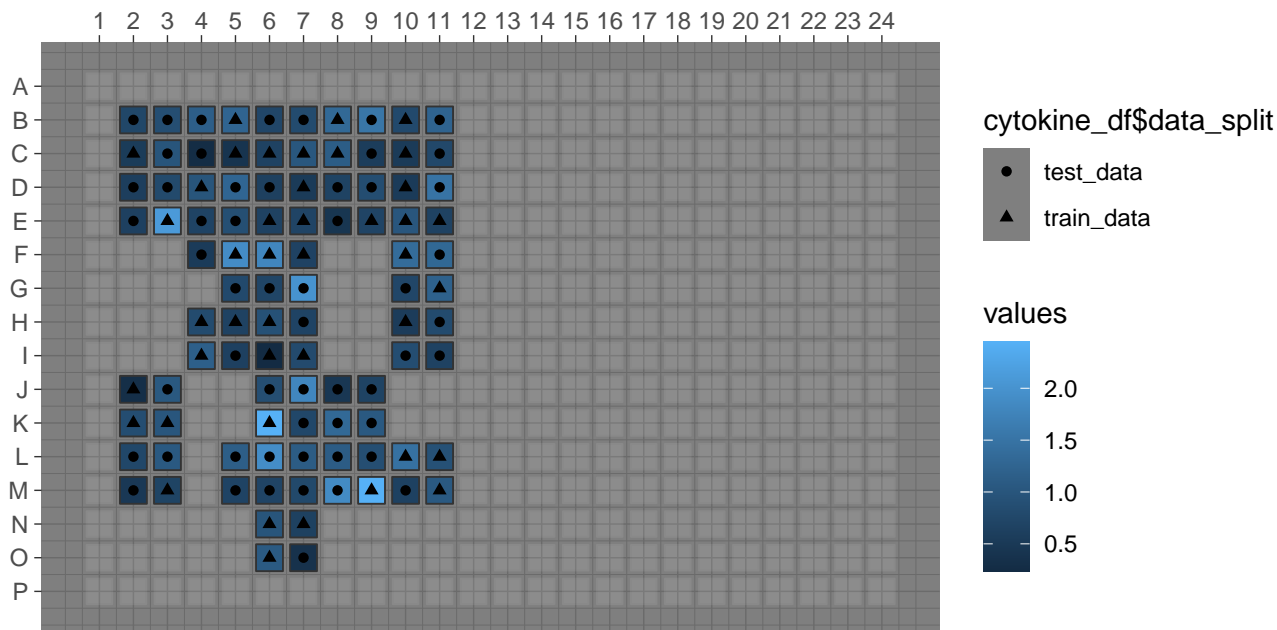
Predictive Performance of CCL25 per Well (Final model)

Predictive Performance of IL−2 per Well (Final model)

Predictive Performance of MMP−2 per Well (Final model)

Predictive Performance of FGF−1 per Well (Final model)

Predictive Performance of IL−5 per Well (Final model)

Predictive Performance of CXCL12(beta) per Well (Final model)

Predictive Performance of TRAIL per Well (Final model)

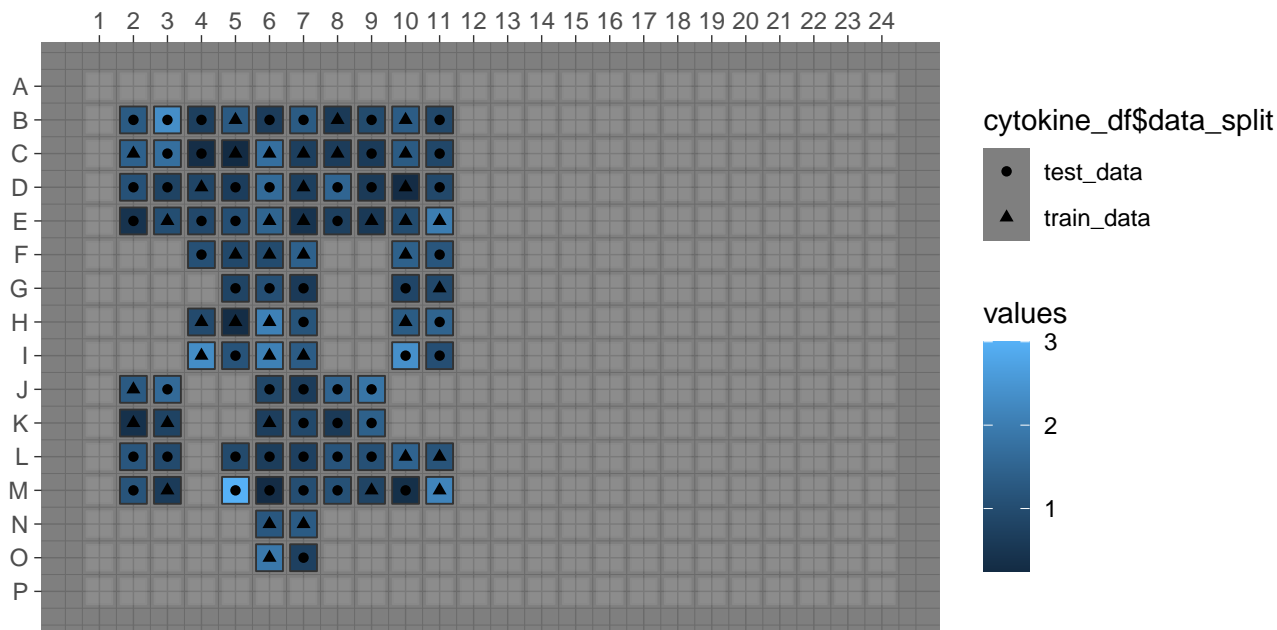Predictive Performance of TGF−beta1(total) per Well (Final model)

Predictive Performance of CD14 per Well (Final model)

Predictive Performance of CCL5 per Well (Final model)

Predictive Performance of MIF per Well (Final model)

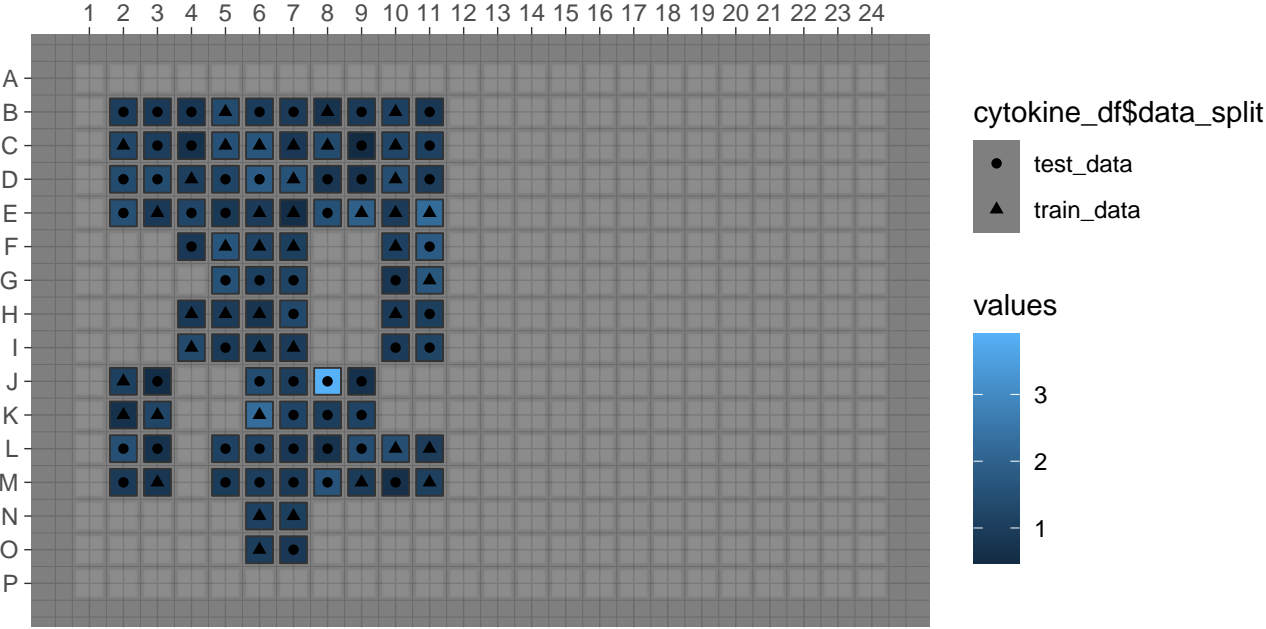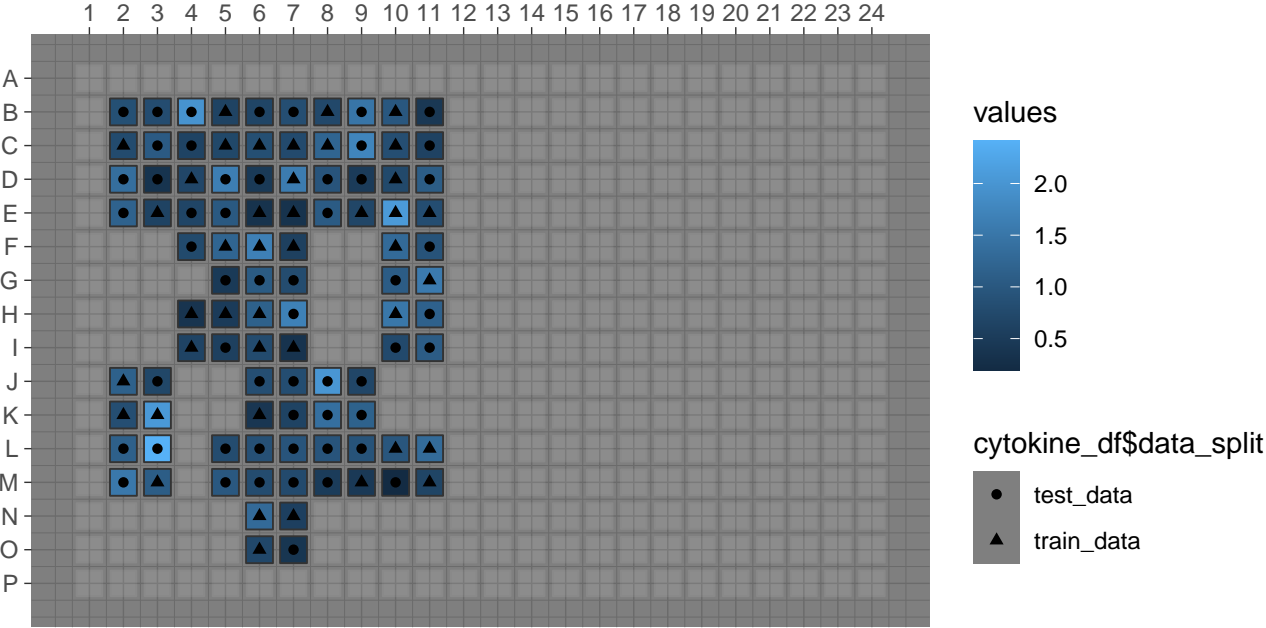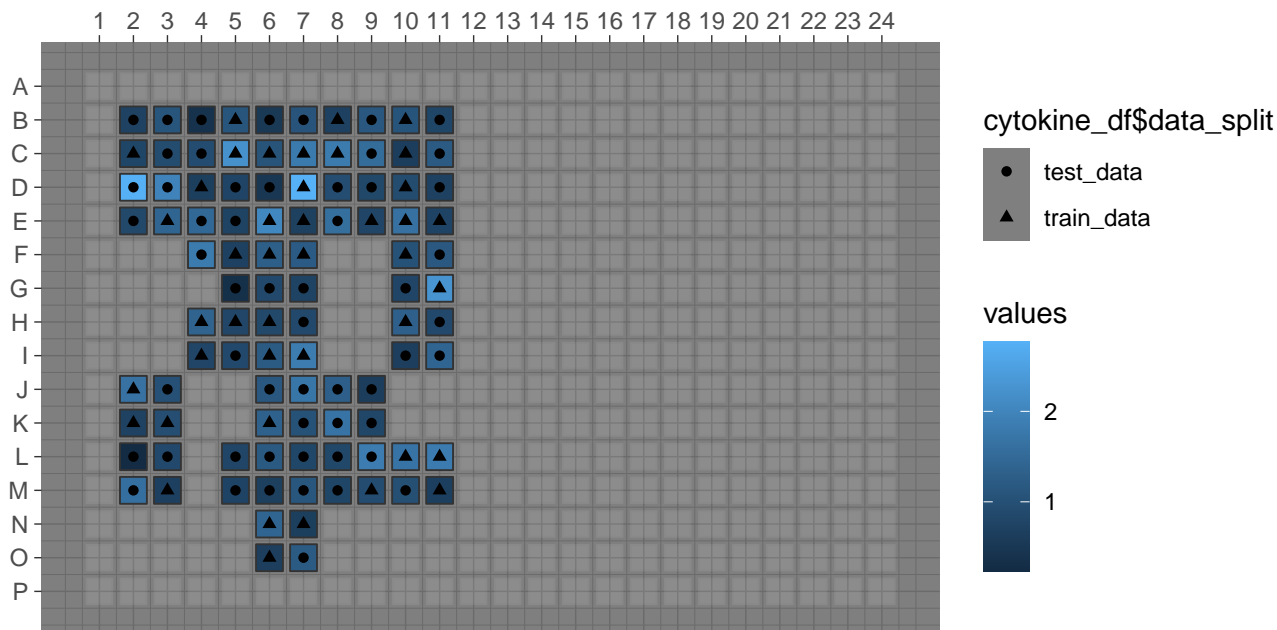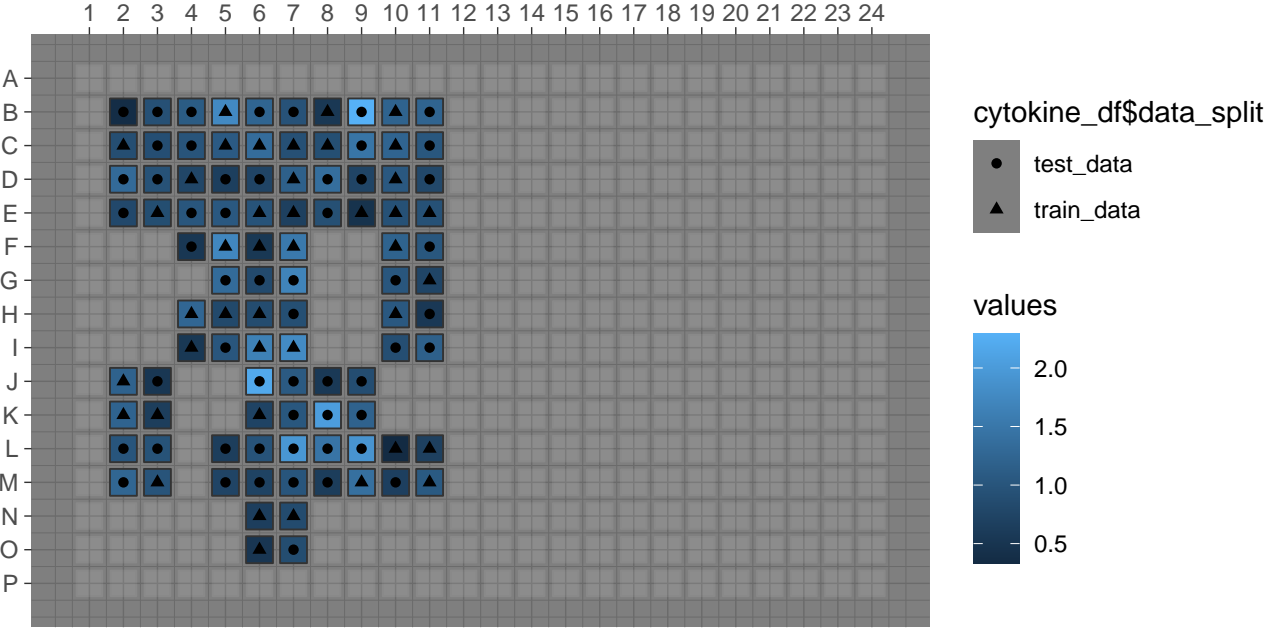Predictive Performance of VEGF−A(165) per Well (Final model)

Predictive Performance of IL−16 per Well (Final model)

Predictive Performance of MMP−1 per Well (Final model)

Predictive Performance of Tie−2 per Well (Final model)

Predictive Performance of IL−10 per Well (Final model)

Predictive Performance of CCL11 per Well (Final model)
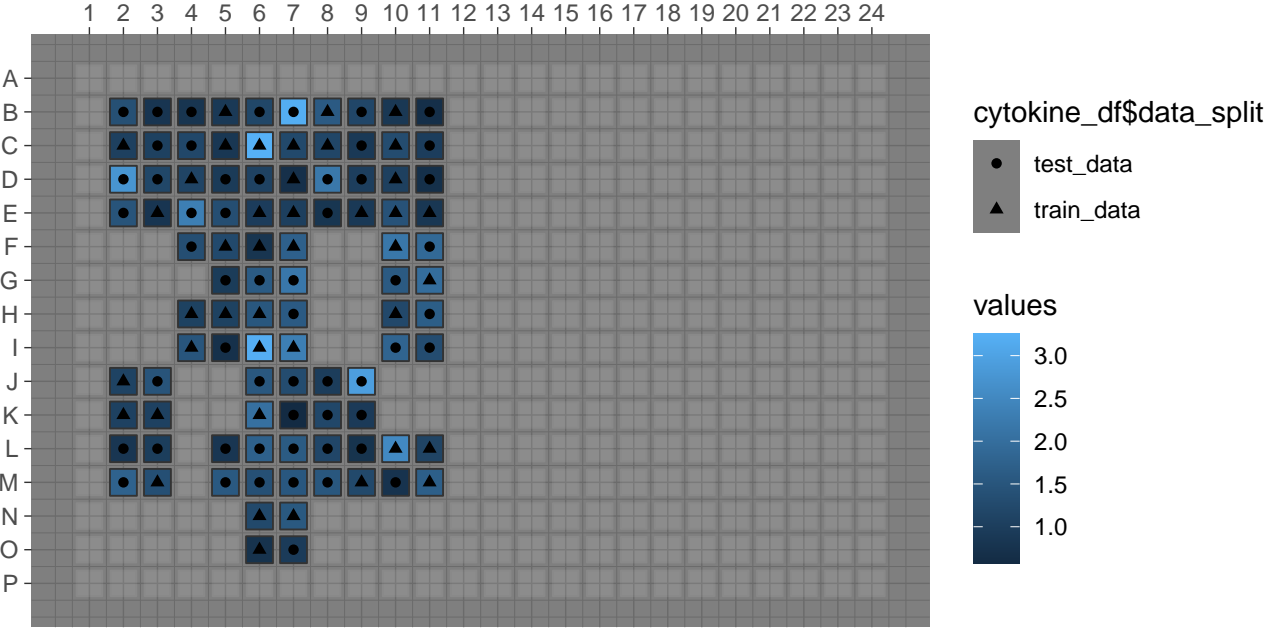
Predictive Performance of CXCL1 per Well (Final model)

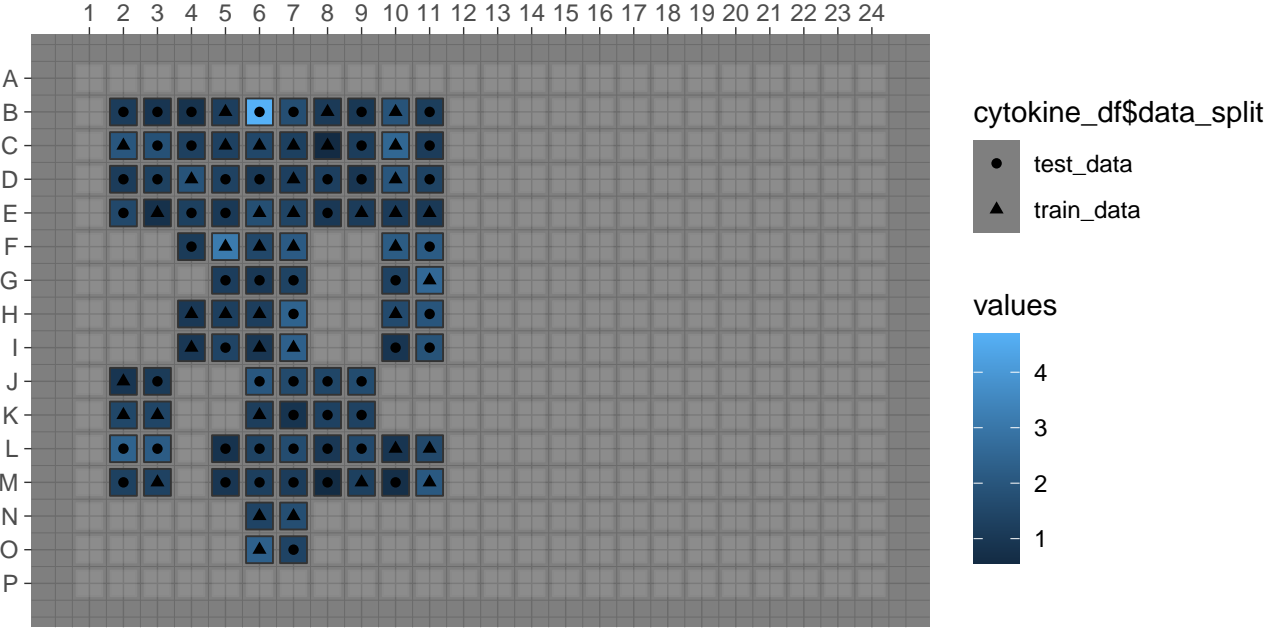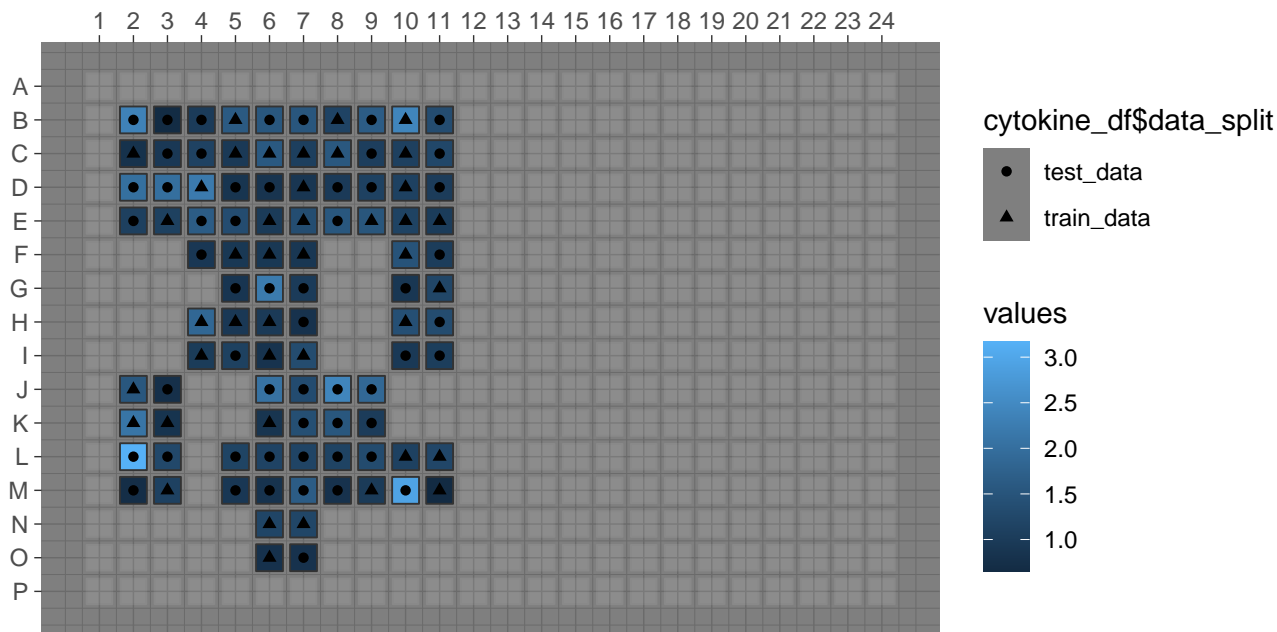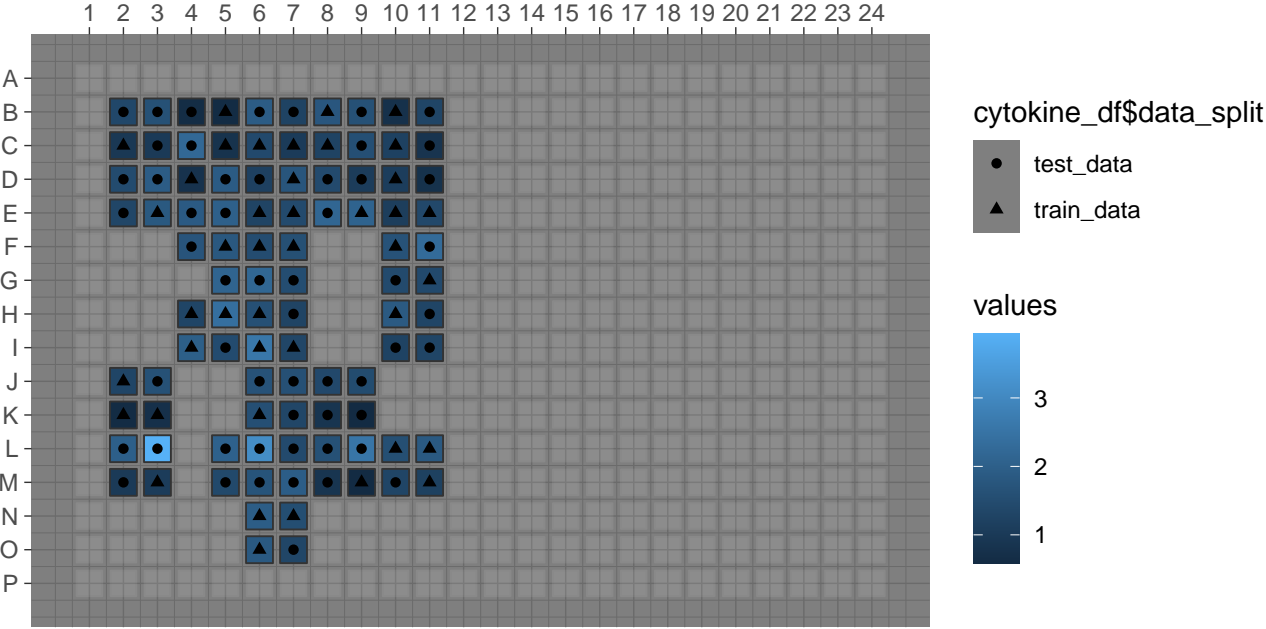Predictive Performance of MMP−12 per Well (Final model)

Predictive Performance of CCL13 per Well (Final model)

Predictive Performance of IL−1beta per Well (Final model)

Predictive Performance of CXCL11 per Well (Final model)
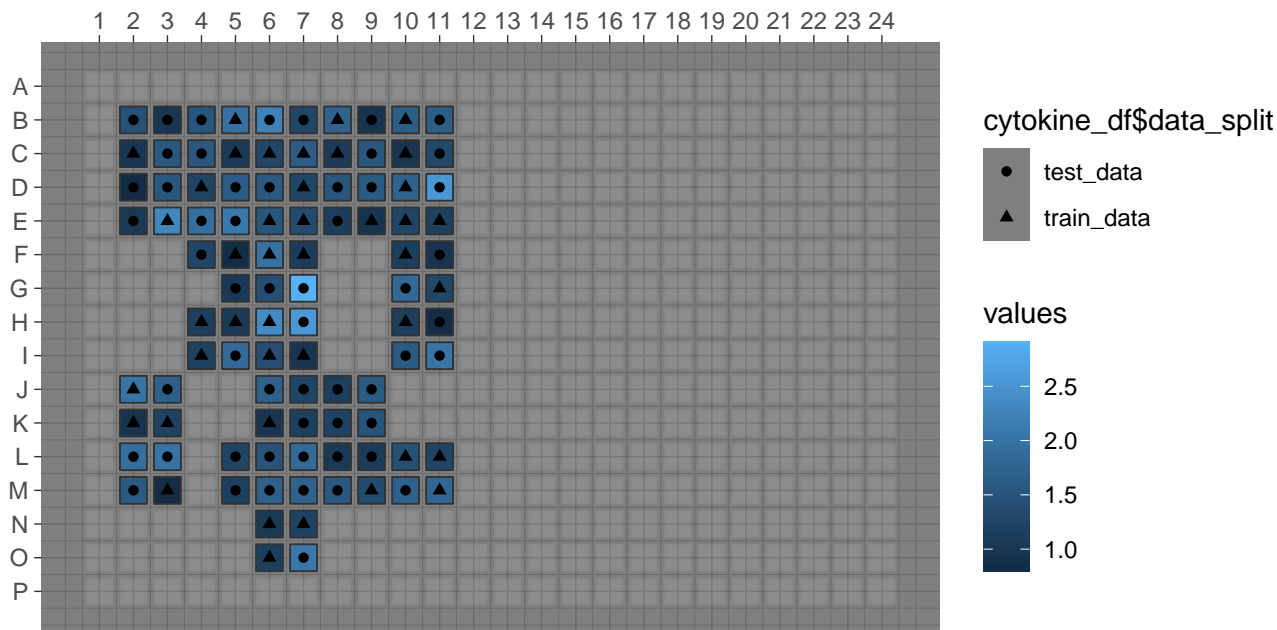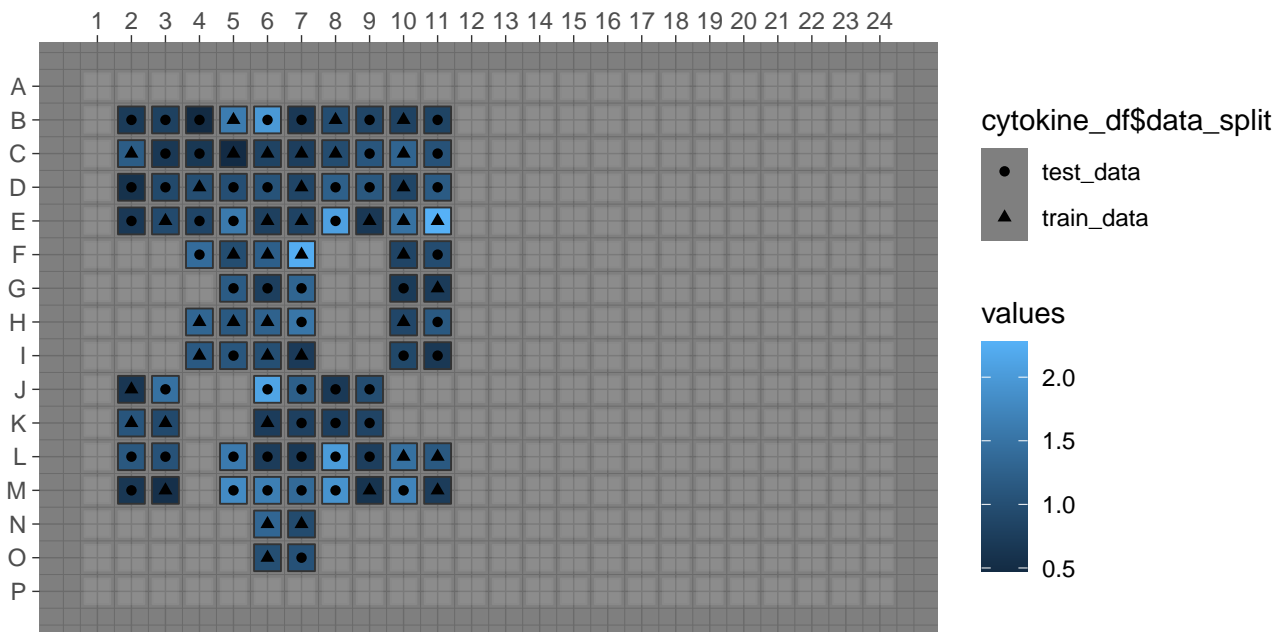
Predictive Performance of IL−9 per Well (Final model)
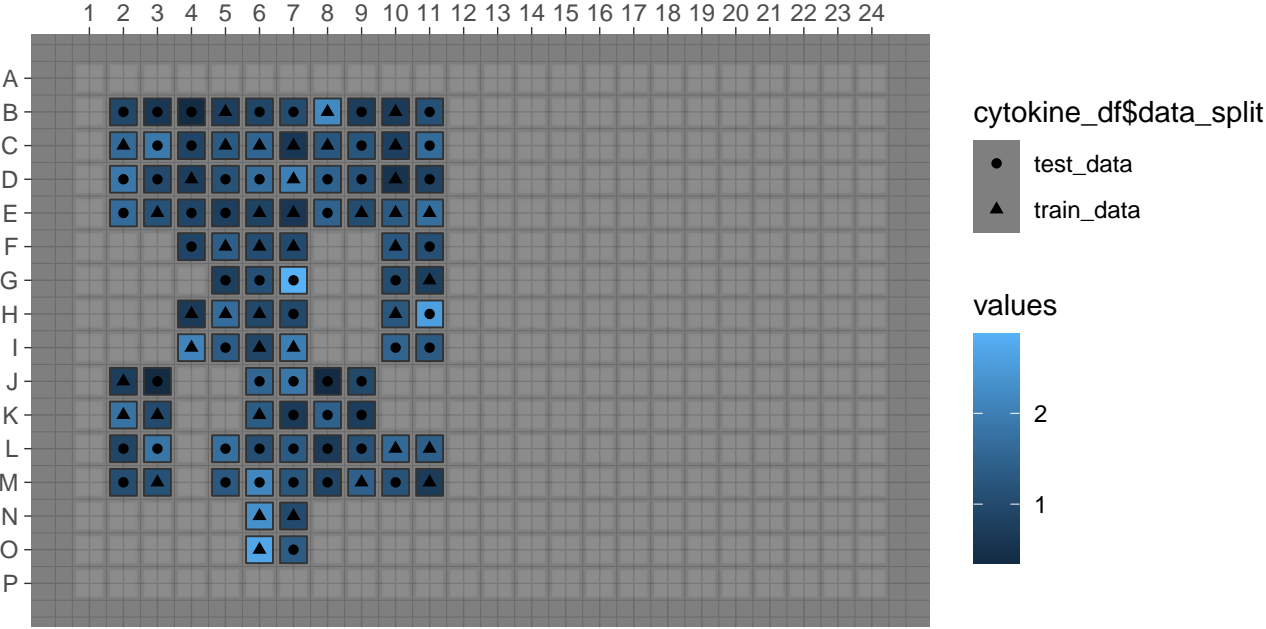
Predictive Performance of IL−18 per Well (Final model)

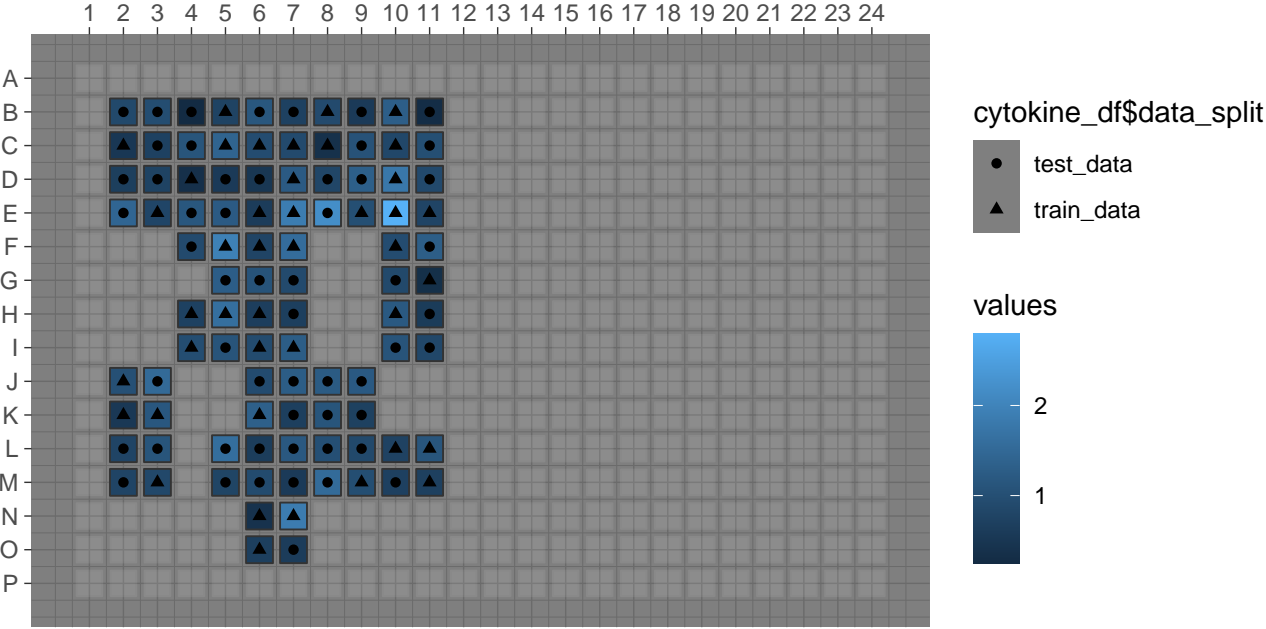Predictive Performance of BMP4 per Well (Final model)

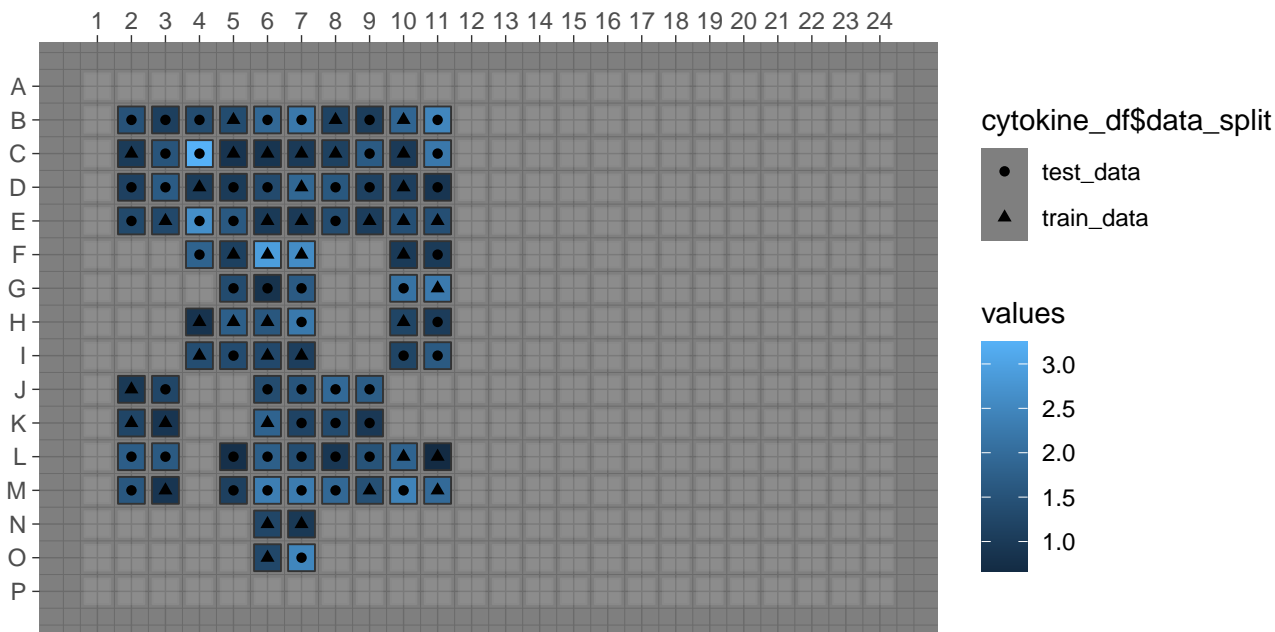Predictive Performance of ICAM−1 per Well (Final model)

Predictive Performance of IL−23 per Well (Final model)
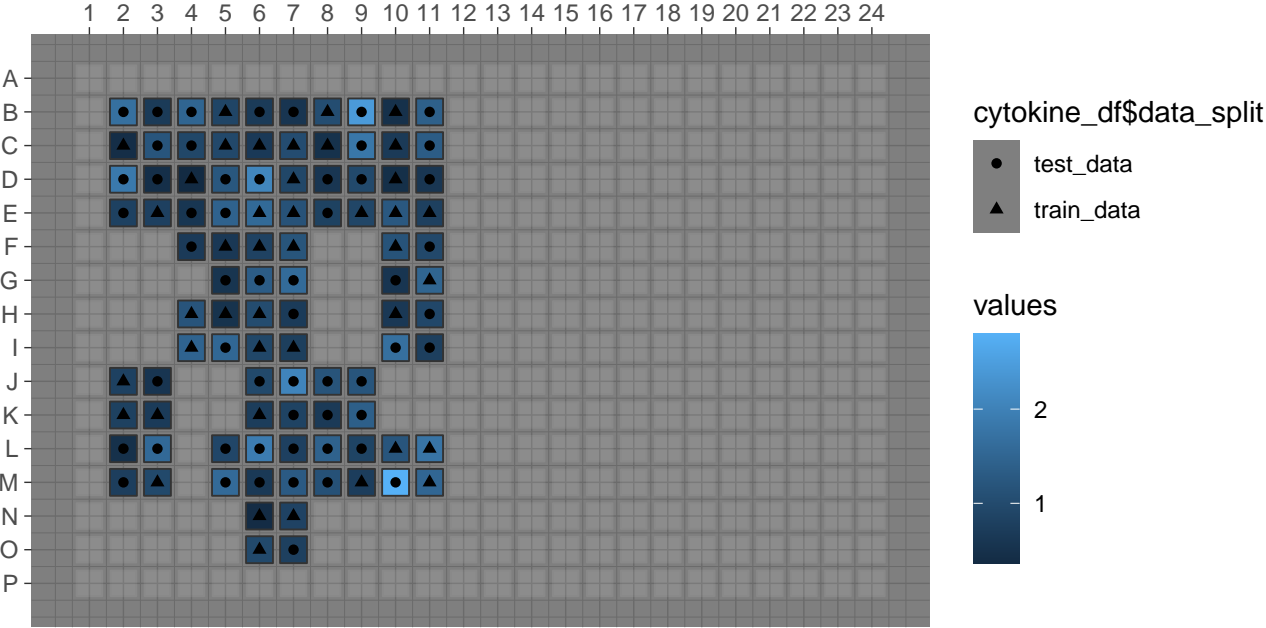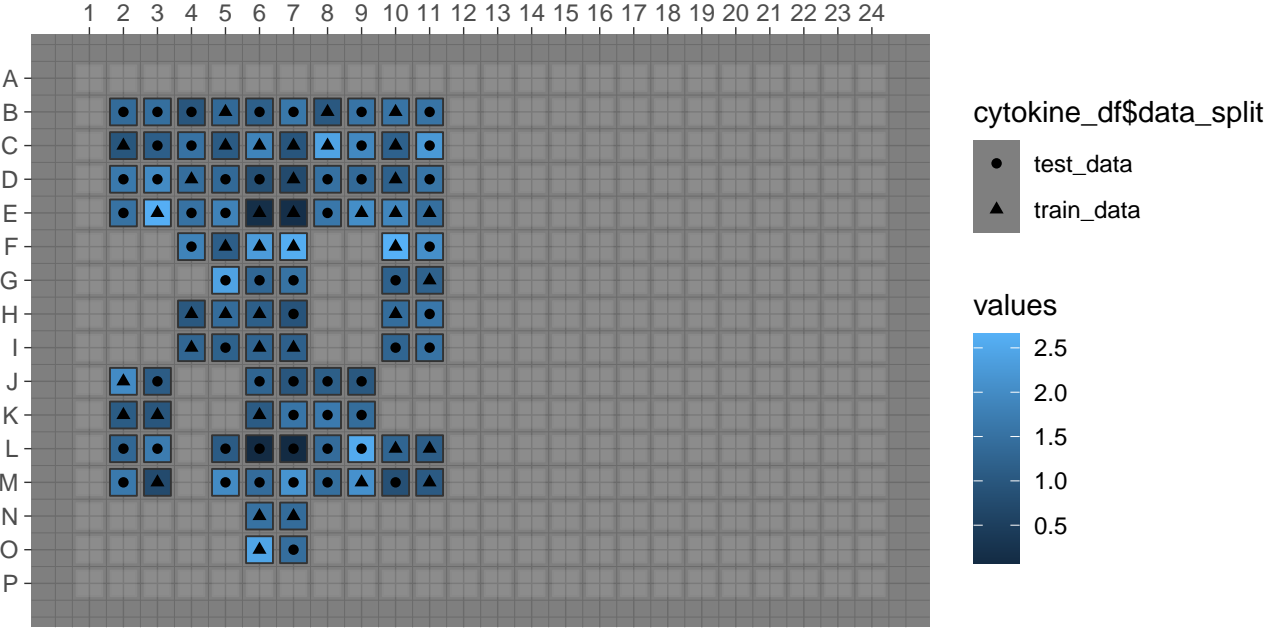
Predictive Performance of FGF−21 per Well (Final model)

Predictive Performance of IL−35 per Well (Final model)

Predictive Performance of LOX1(OLR1) per Well (Final model)

Predictive Performance of IL−24 per Well (Final model)

Predictive Performance of IL−28A per Well (Final model)

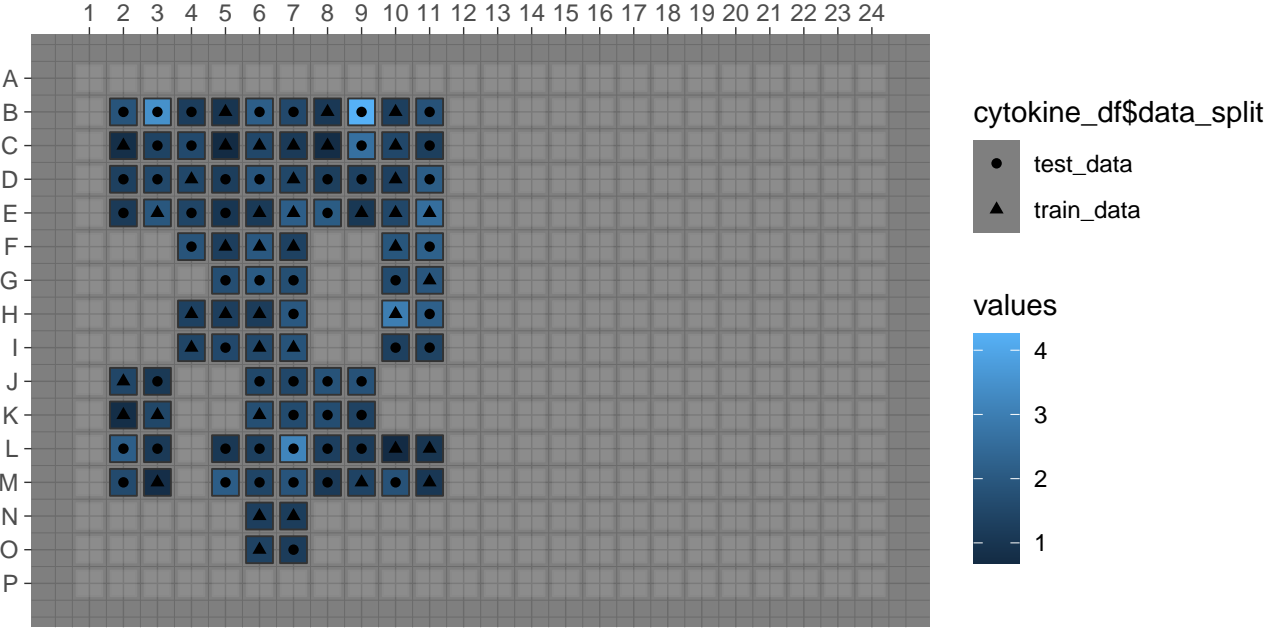Predictive Performance of FGF−6 per Well (Final model)

Predictive Performance of IL−1R1 per Well (Final model)

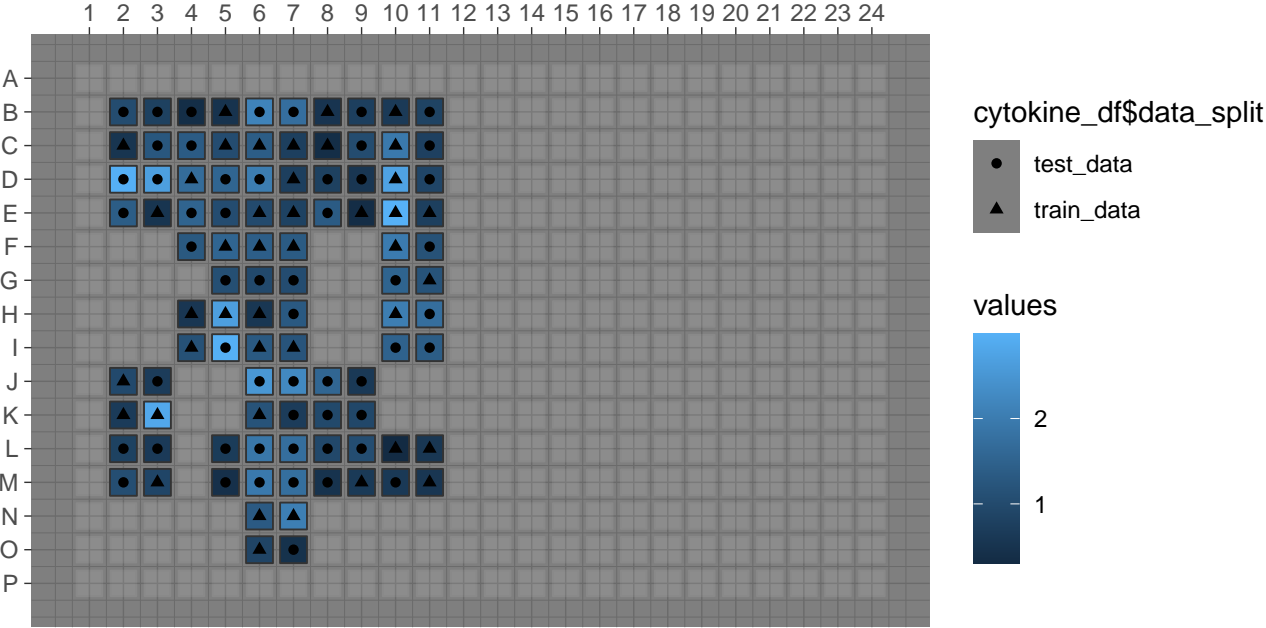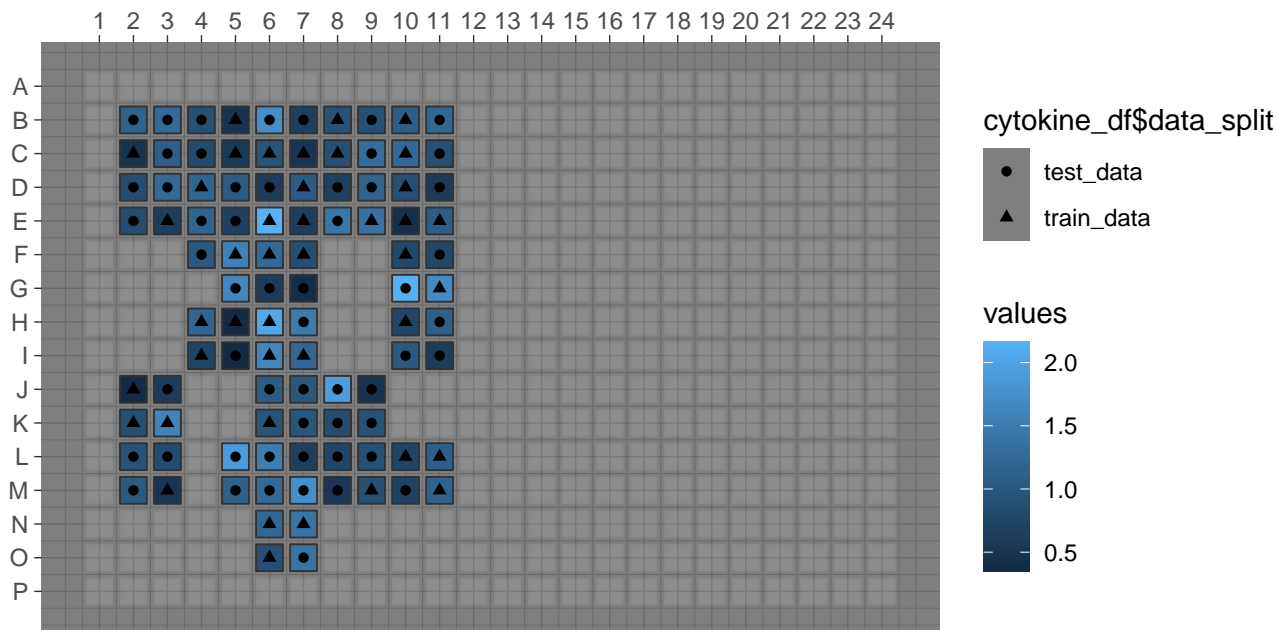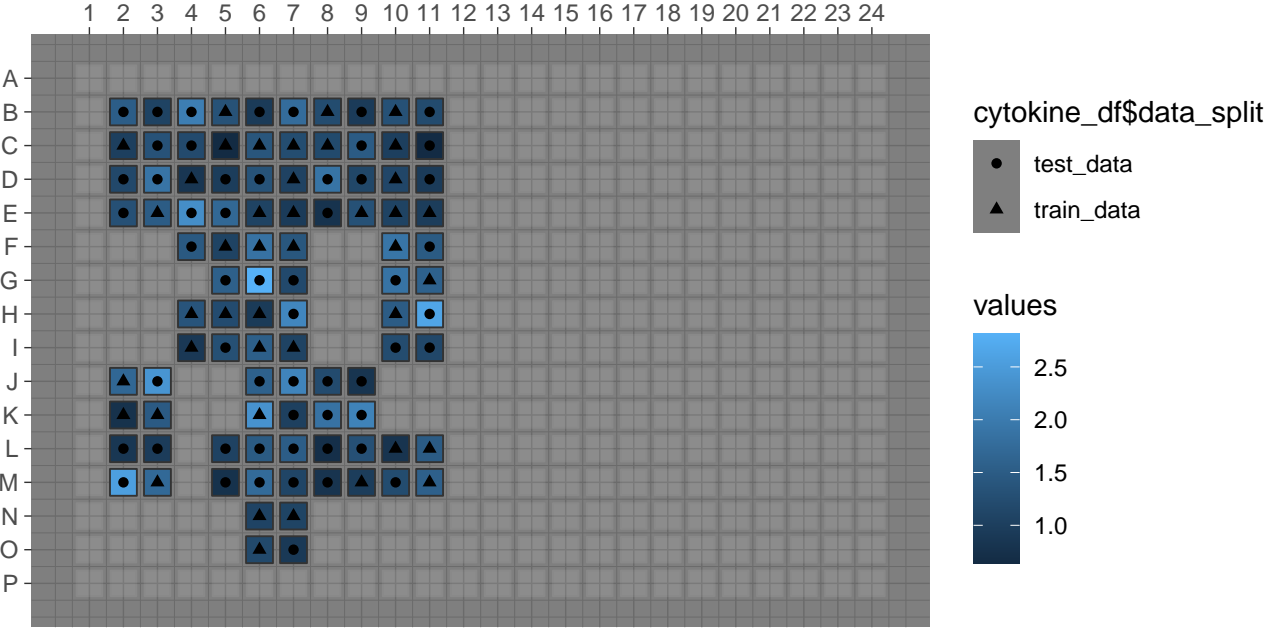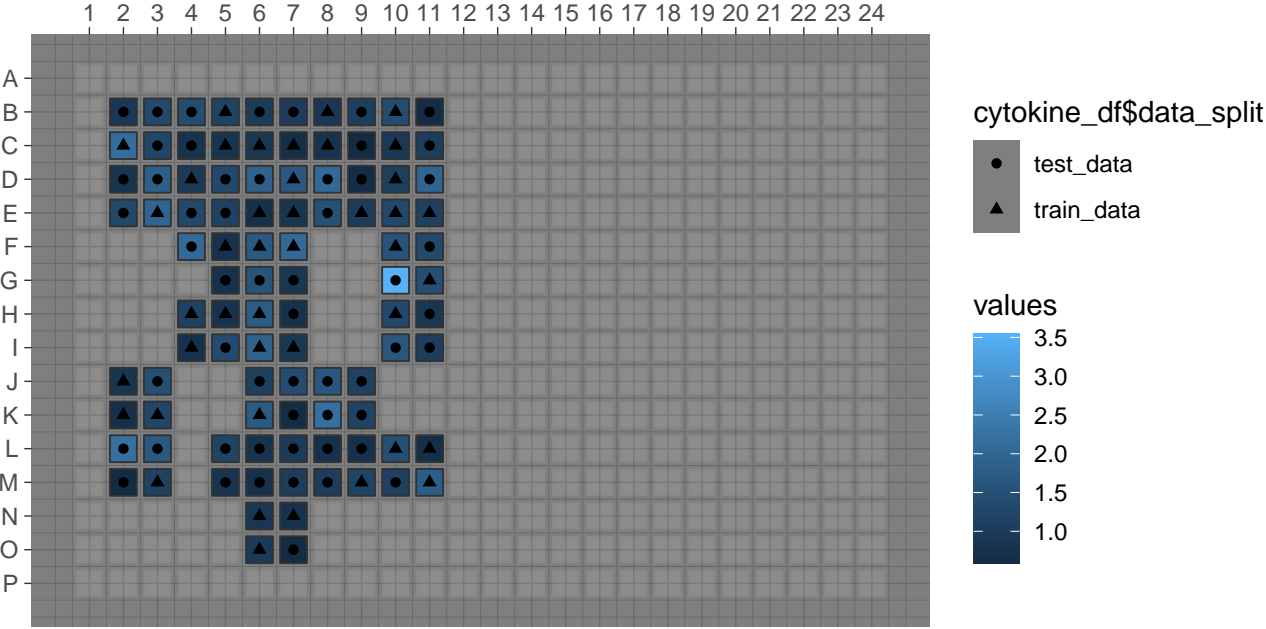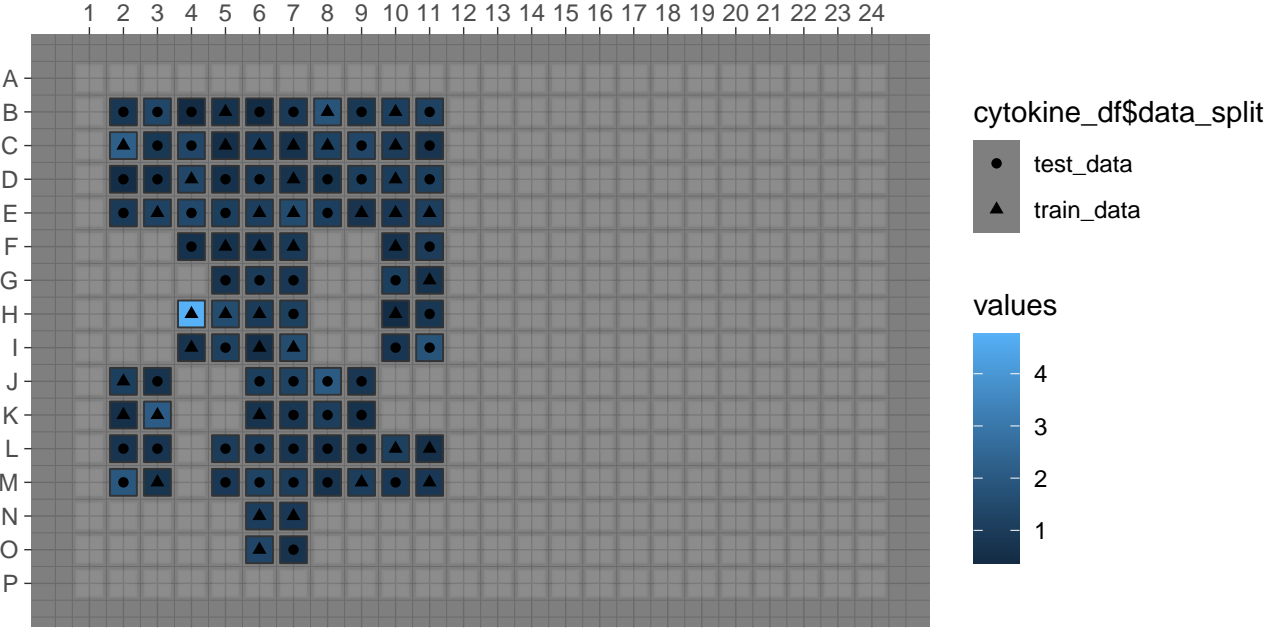Predictive Performance of CCL16 per Well (Final model)

Predictive Performance of TPO(Thrombopoietin) per Well (Final model)

Predictive Performance of CXCL16 per Well (Final model)

Predictive Performance of BMP7 per Well (Final model)
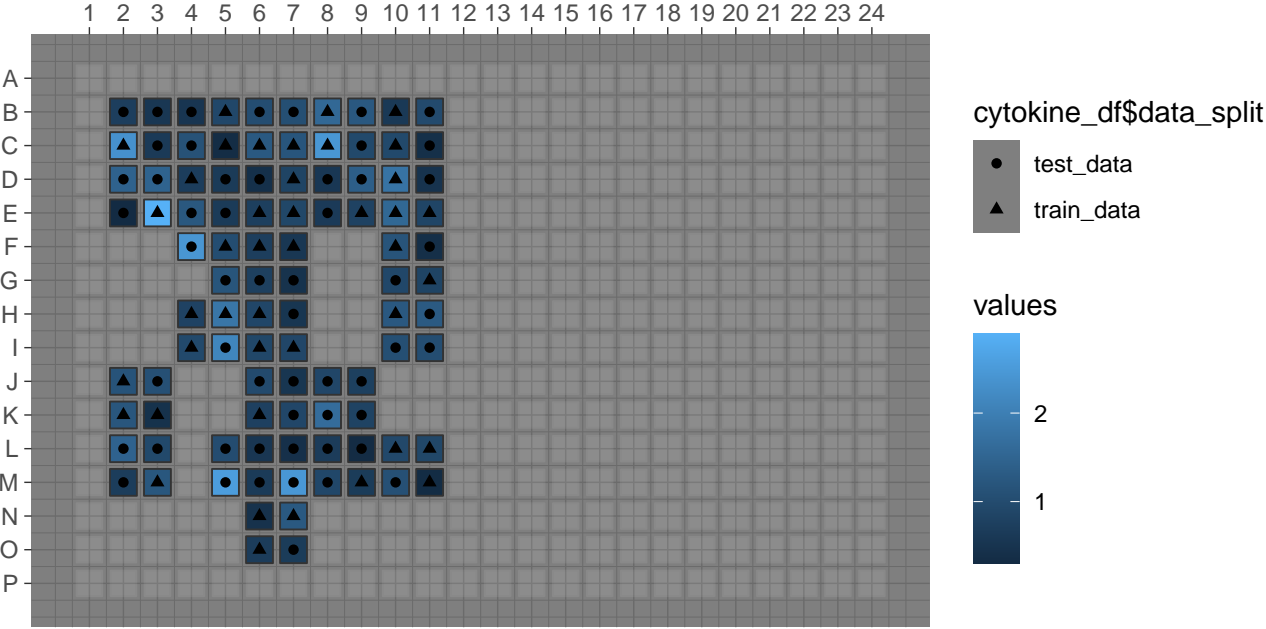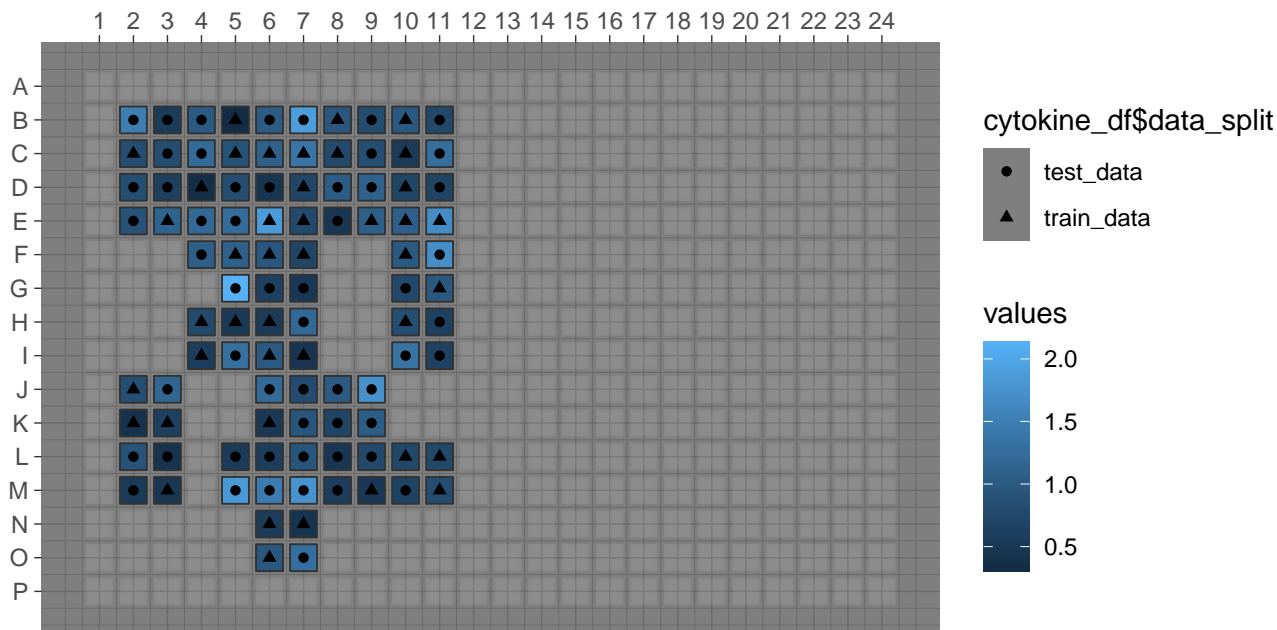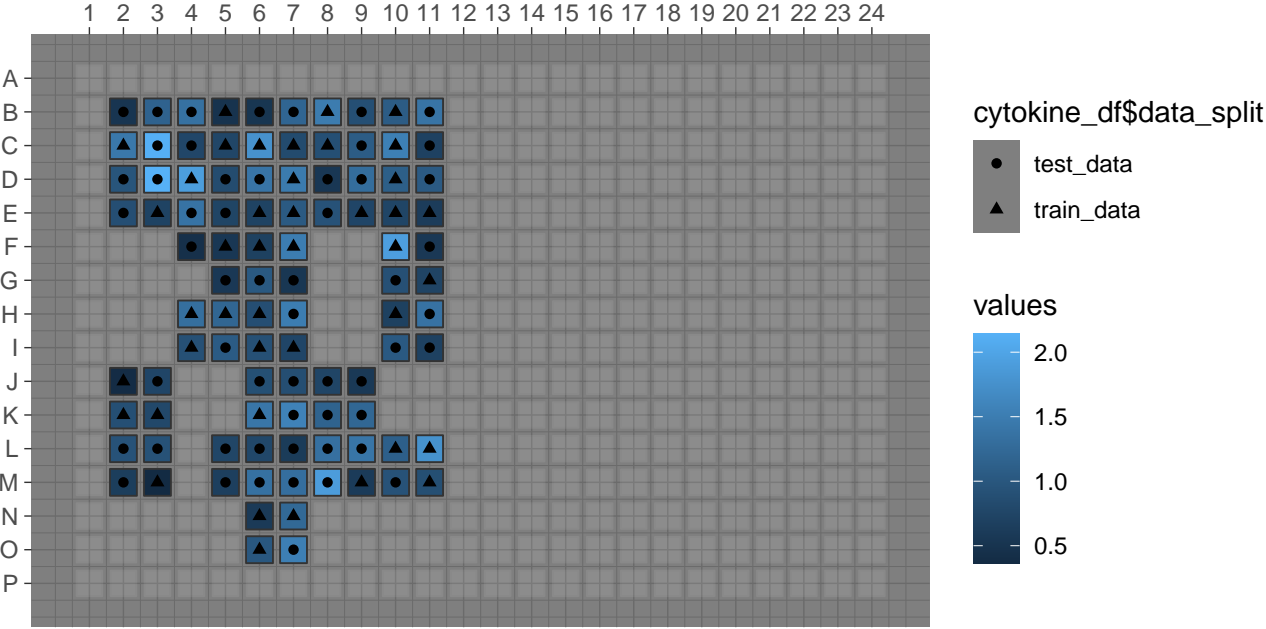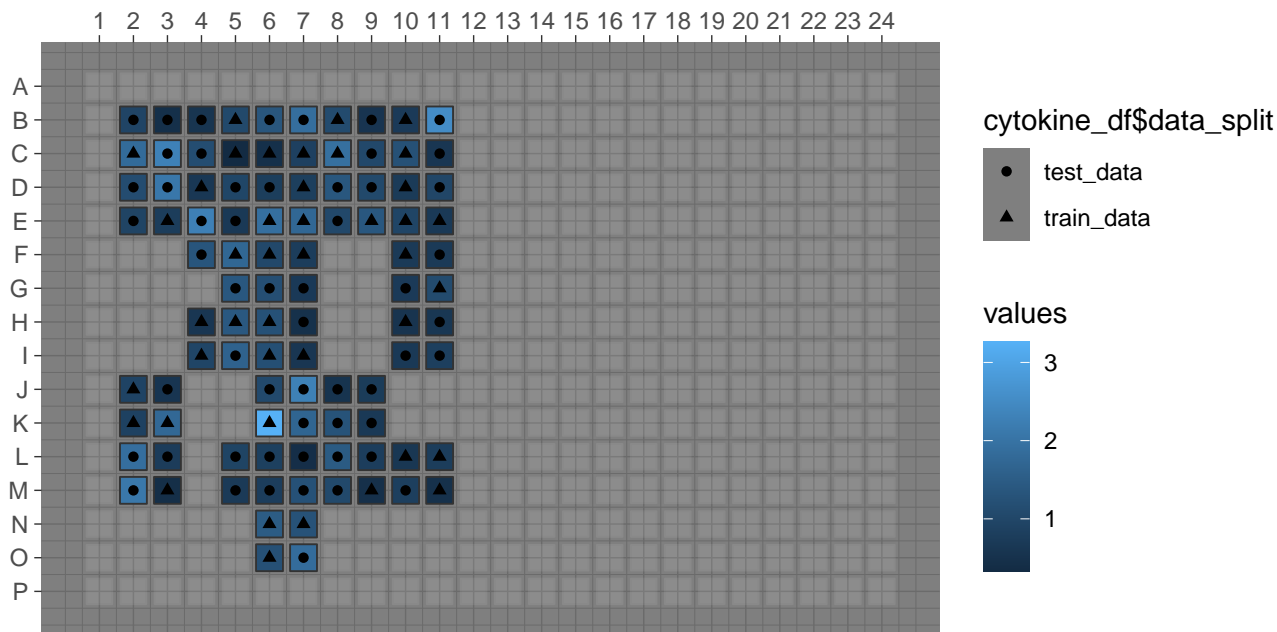
Predictive Performance of IL−21 per Well (Final model)

Predictive Performance of FGF−7(KGF) per Well (Final model)
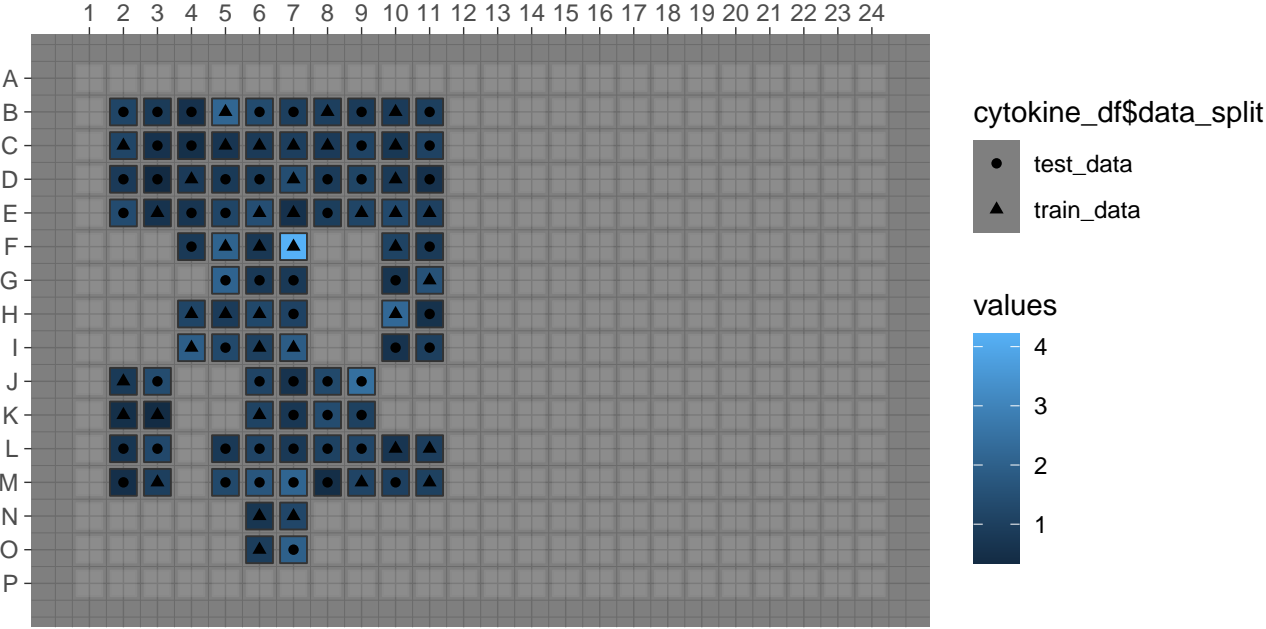
Predictive Performance of CXCL9 per Well (Final model)

Predictive Performance of LIF per Well (Final model)

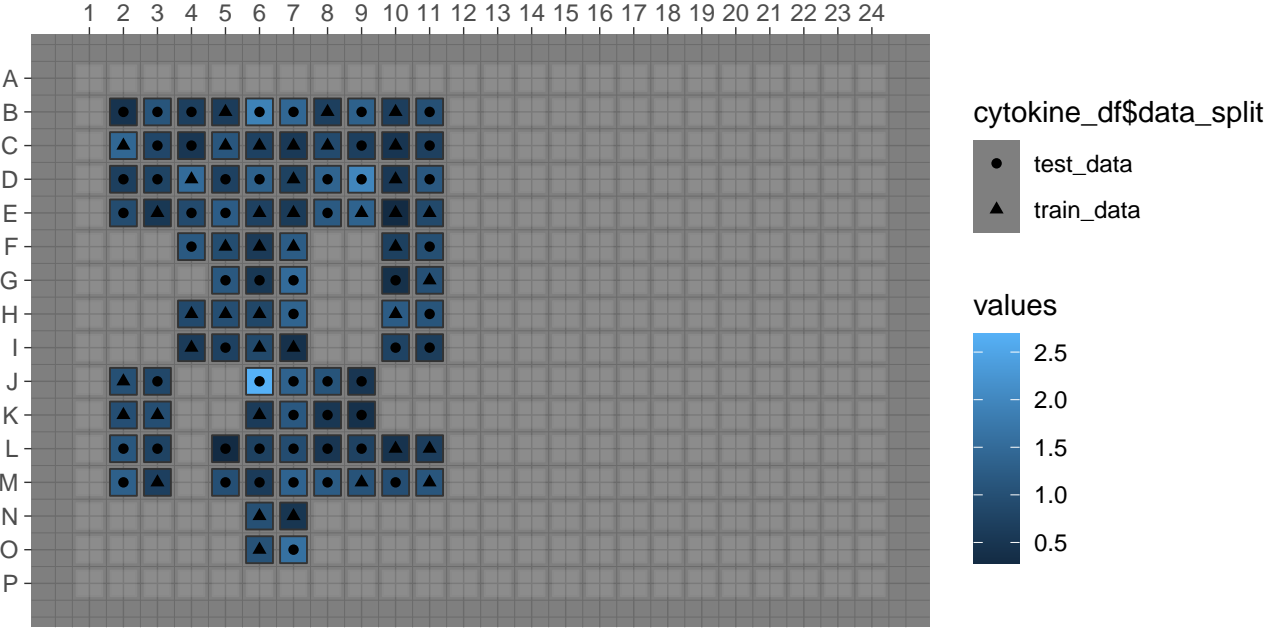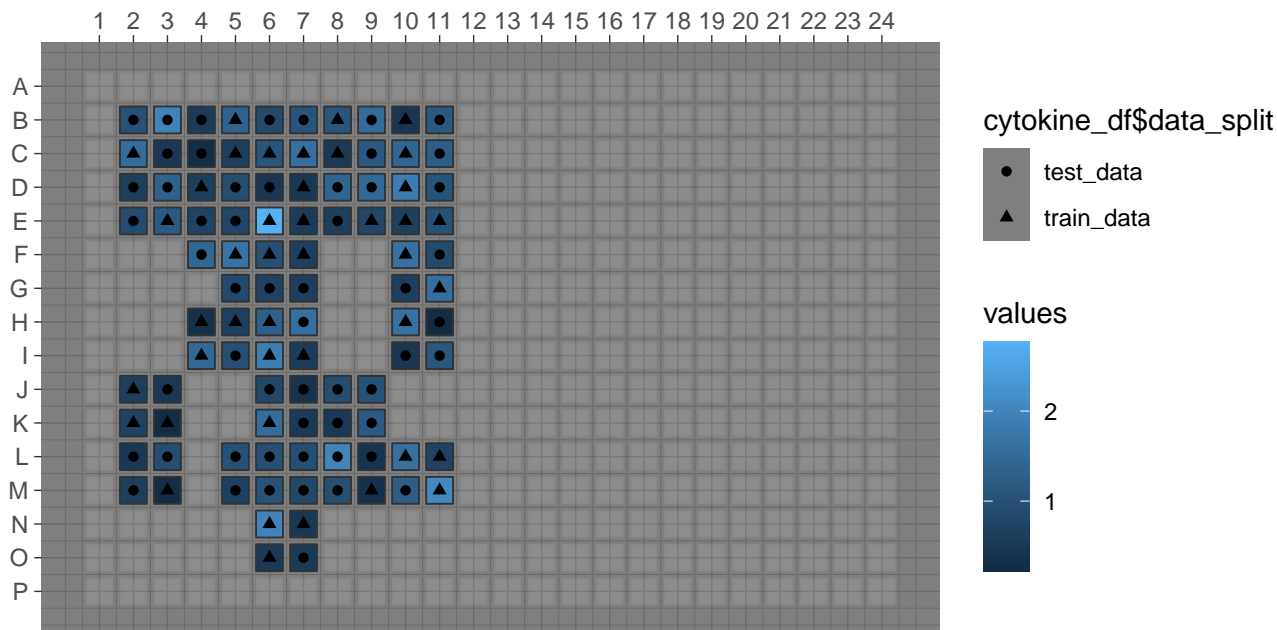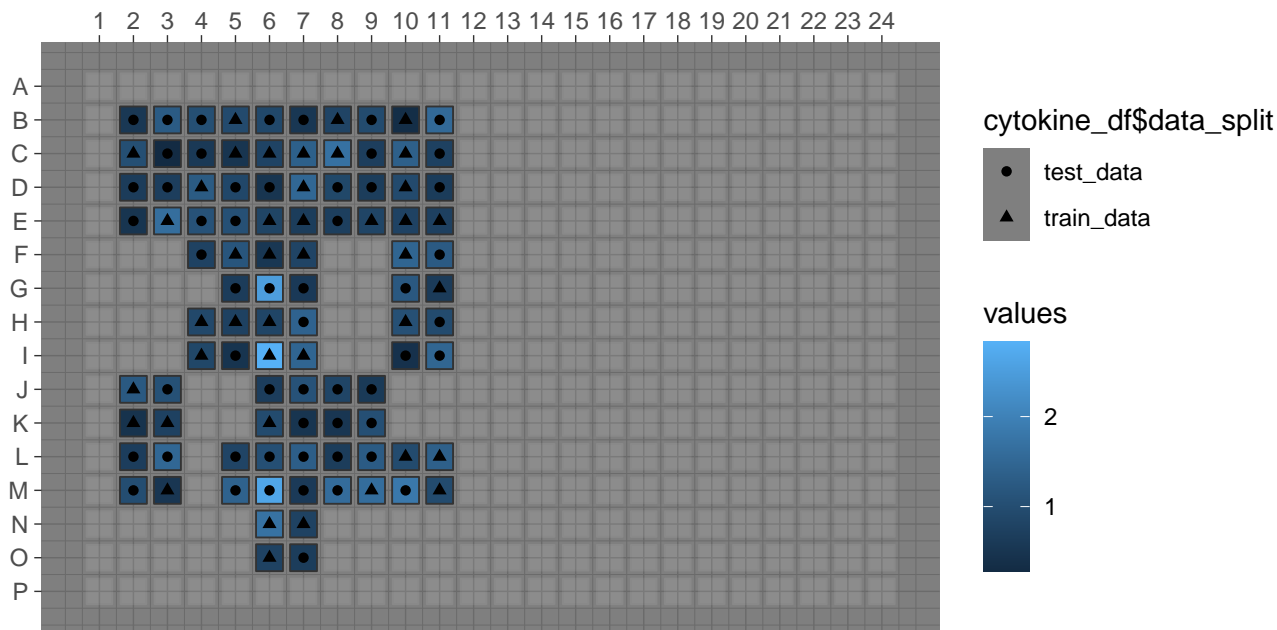Predictive Performance of CCL4 per Well (Final model)
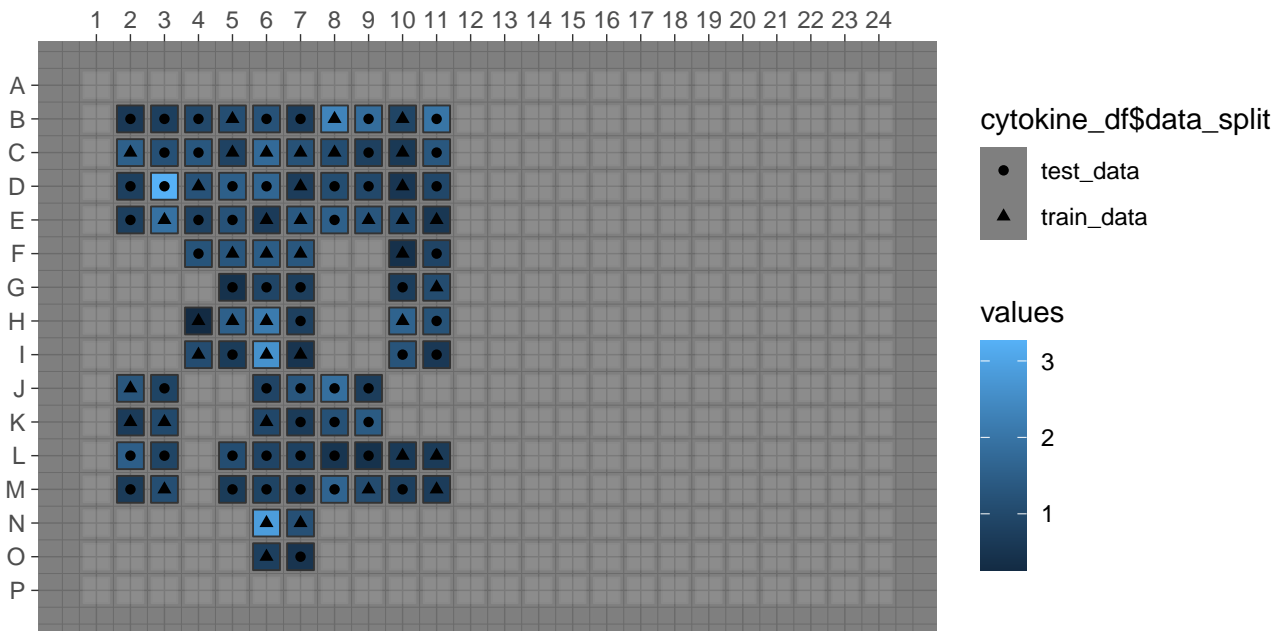
Predictive Performance of CF per Well (Final model)
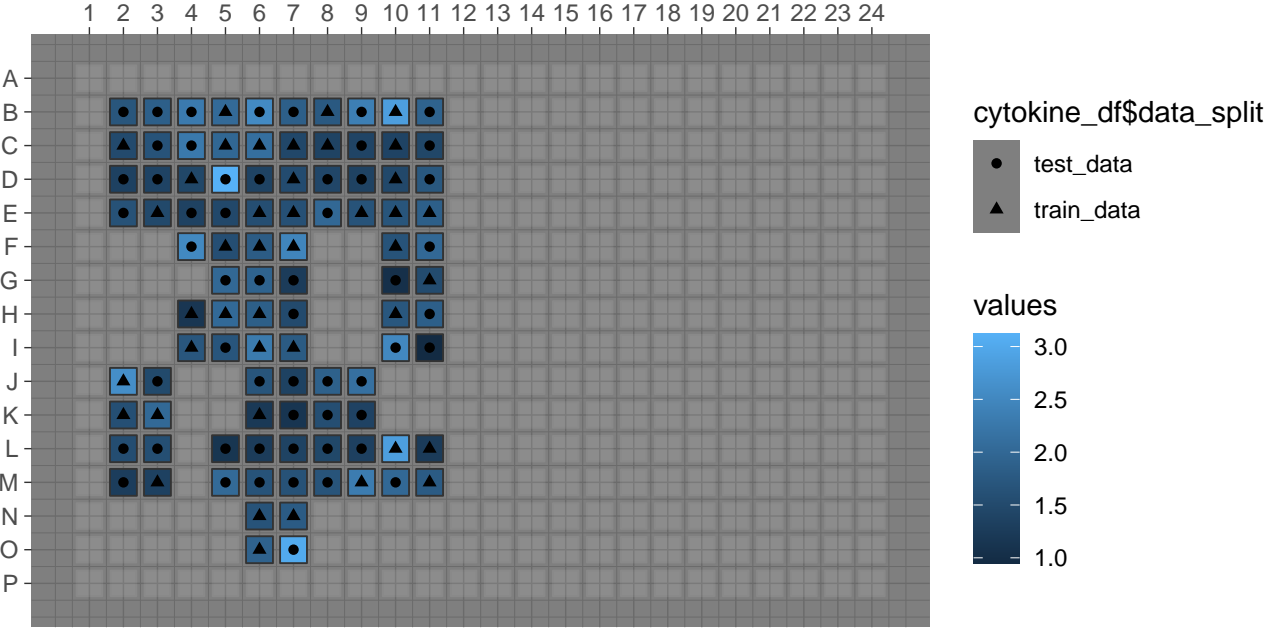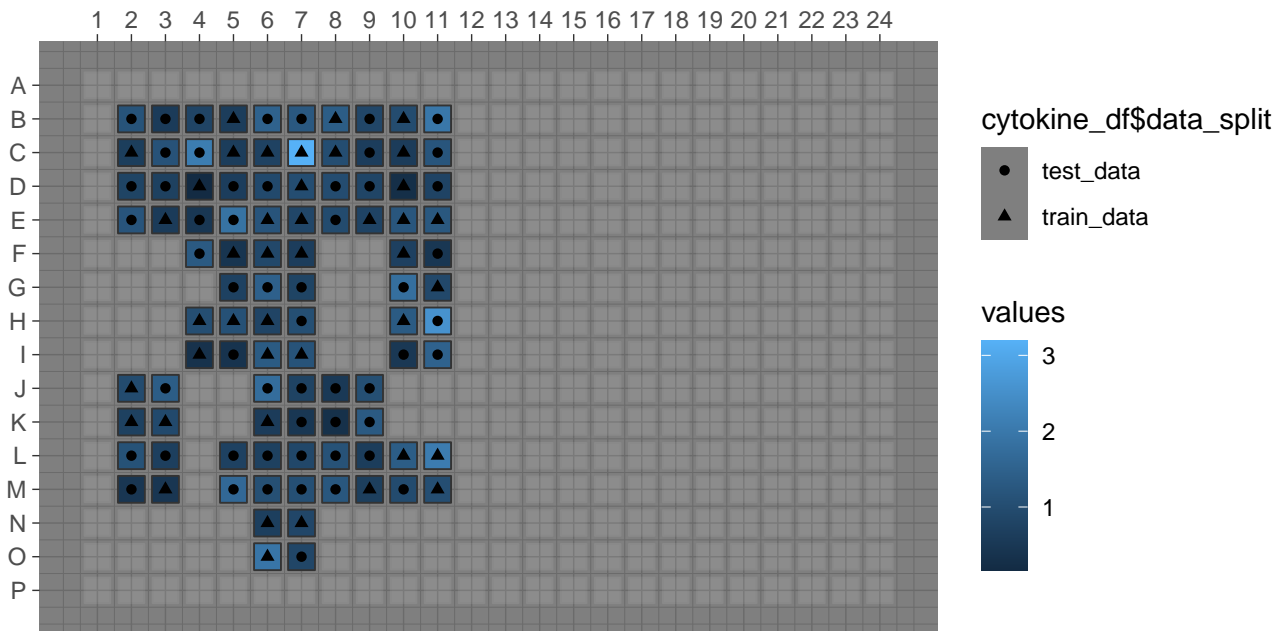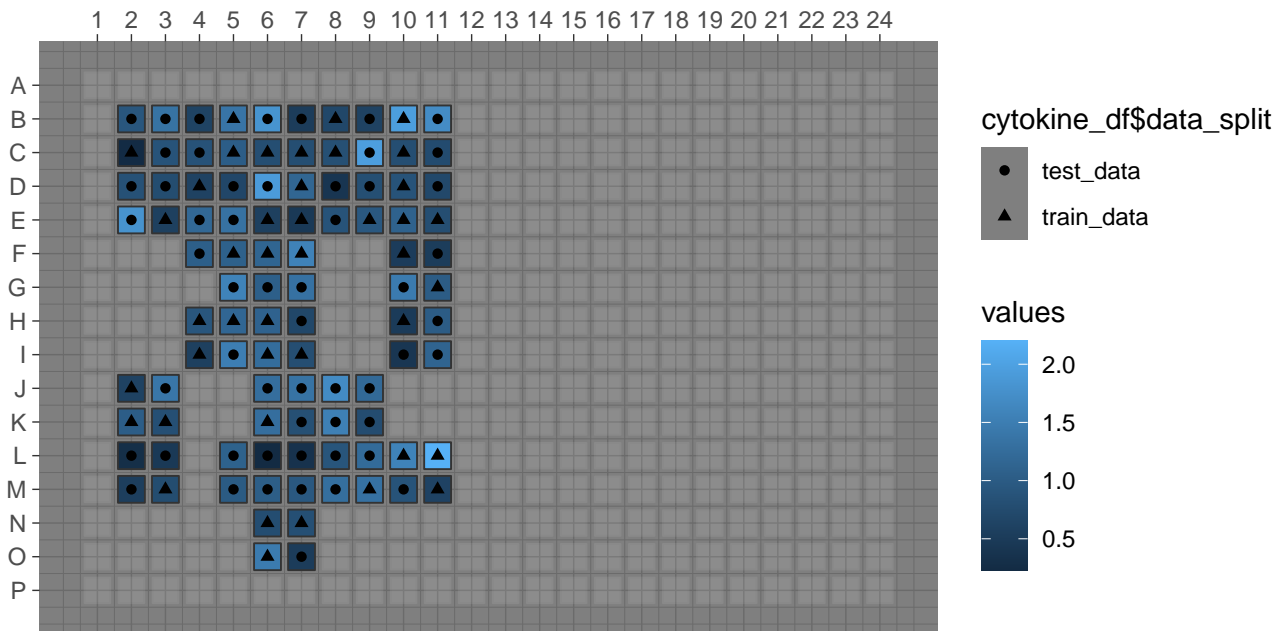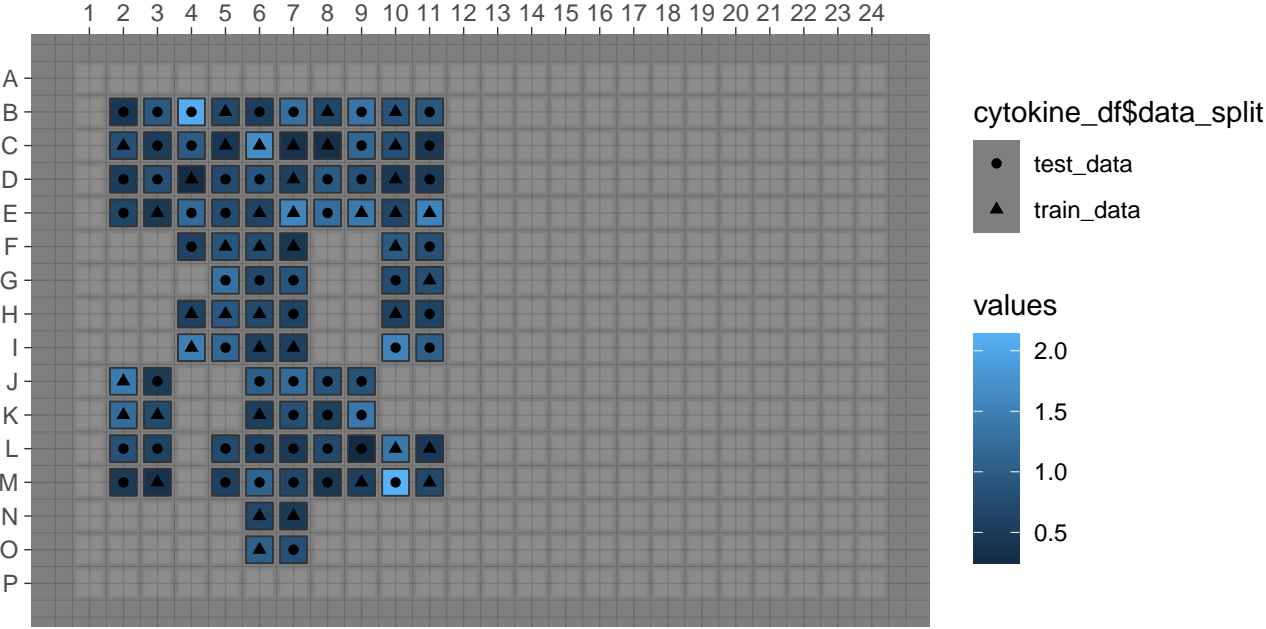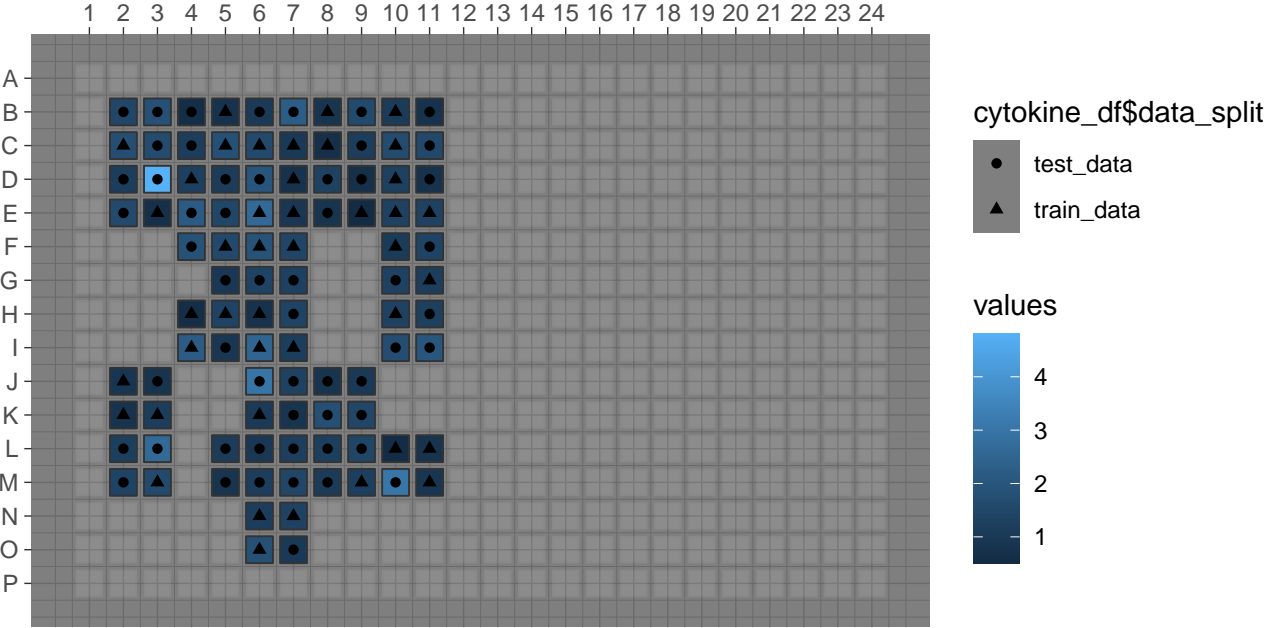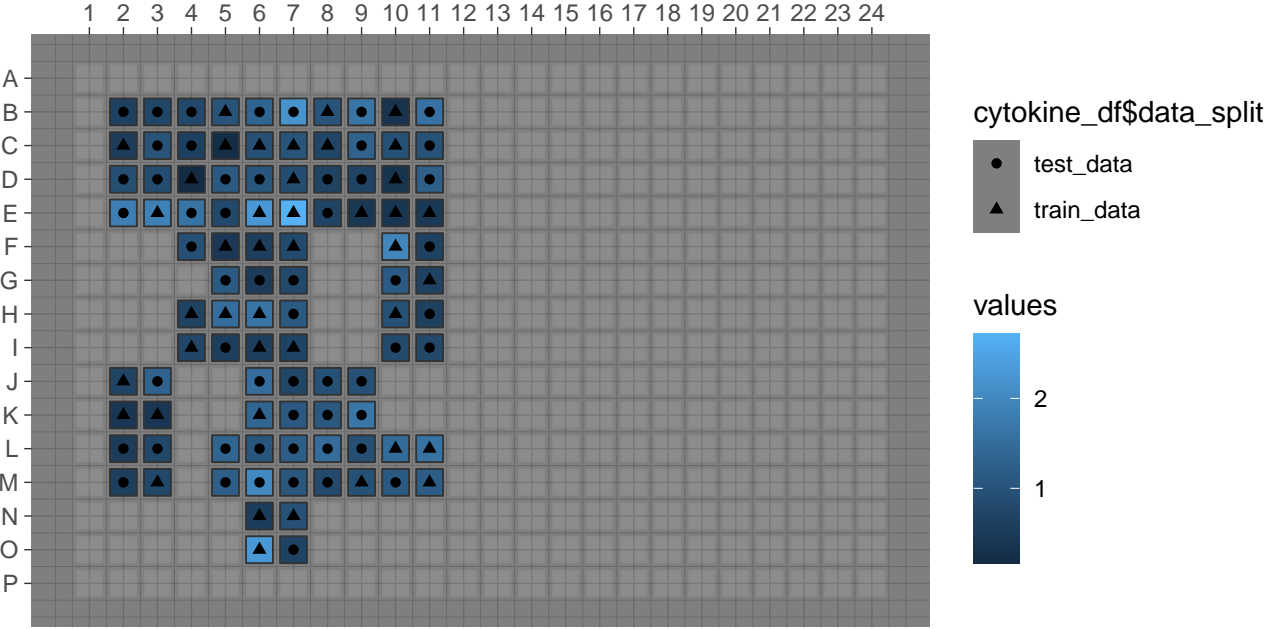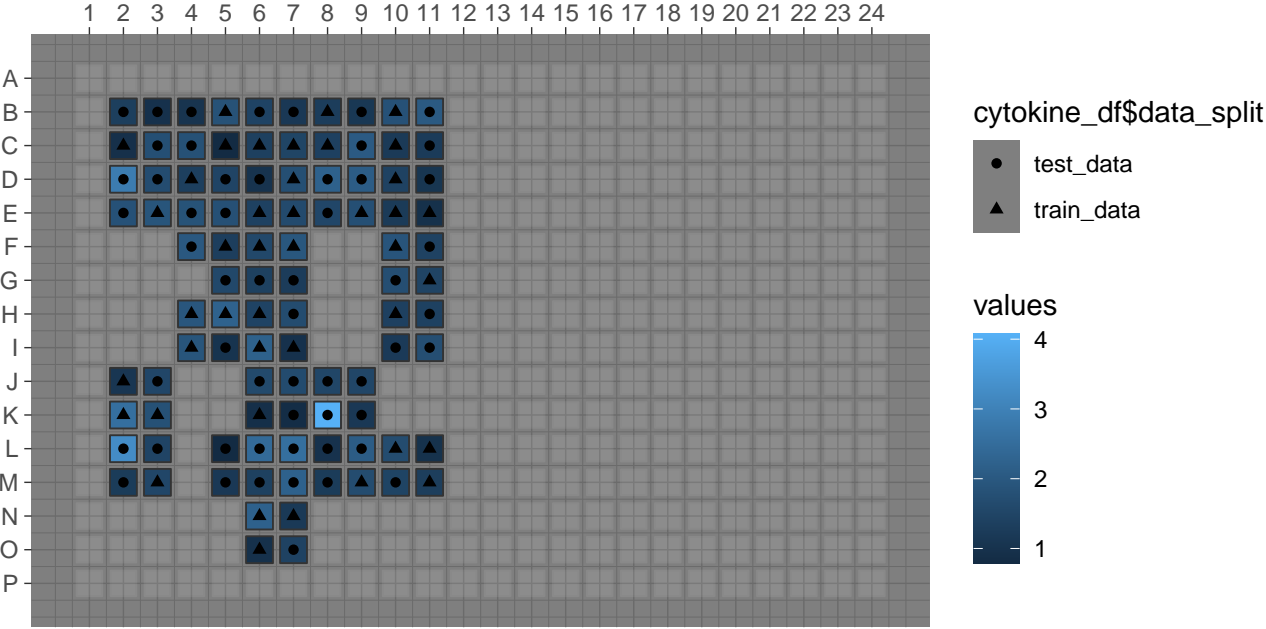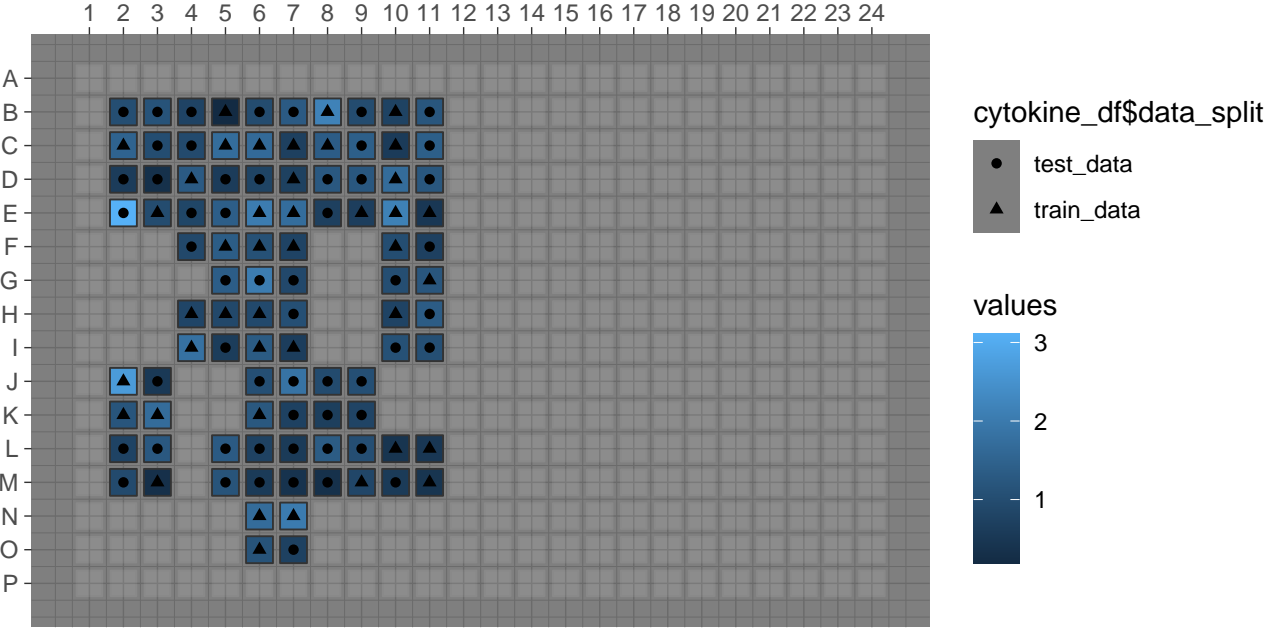
Predictive Performance of CXCL6 per Well (Final model)
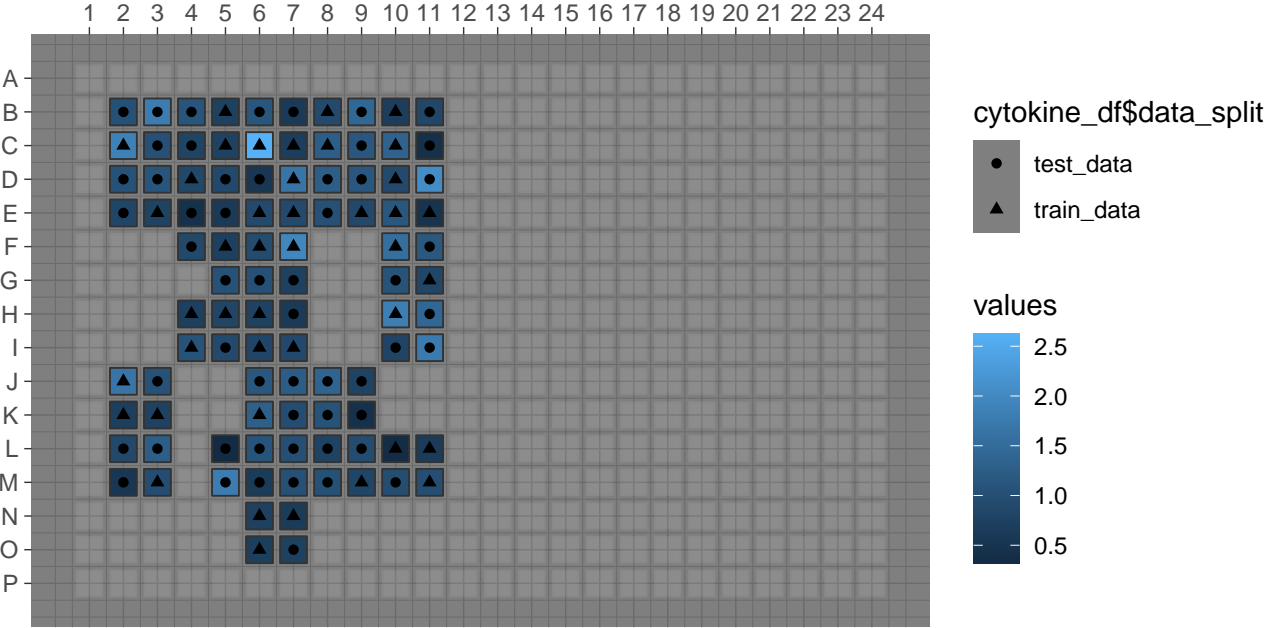
Predictive Performance of GFbeta per Well (Shuffled_baseline model)
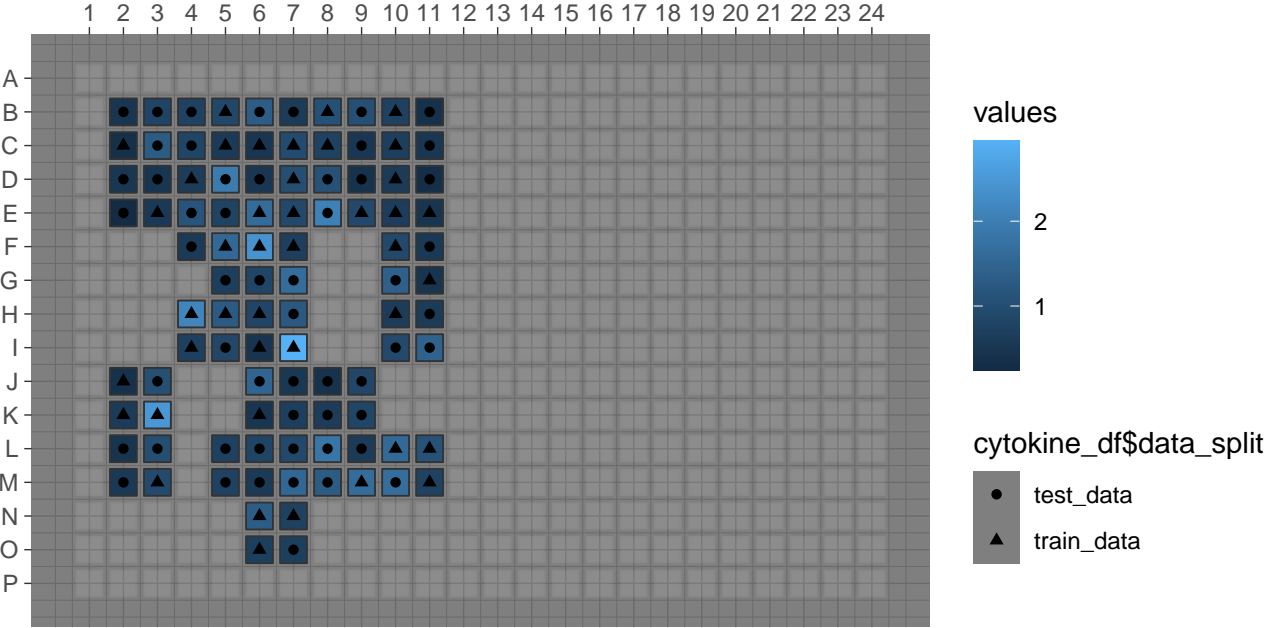
Predictive Performance of TLP per Well (Shuffled_baseline model)

Predictive Performance of CCL15 per Well (Shuffled_baseline model)

Predictive Performance of CXCL14 per Well (Shuffled_baseline model)

Predictive Performance of CCL3 per Well (Shuffled_baseline model)

Predictive Performance of EGF per Well (Shuffled_baseline model)

Predictive Performance of G−CF per Well (Shuffled_baseline model)

Predictive Performance of IL−15_IL−15Ralphacomplex per Well (Shuffled_baseline)

Predictive Performance of IL−33 per Well (Shuffled_baseline model)

Predictive Performance of IL−3 per Well (Shuffled_baseline model)
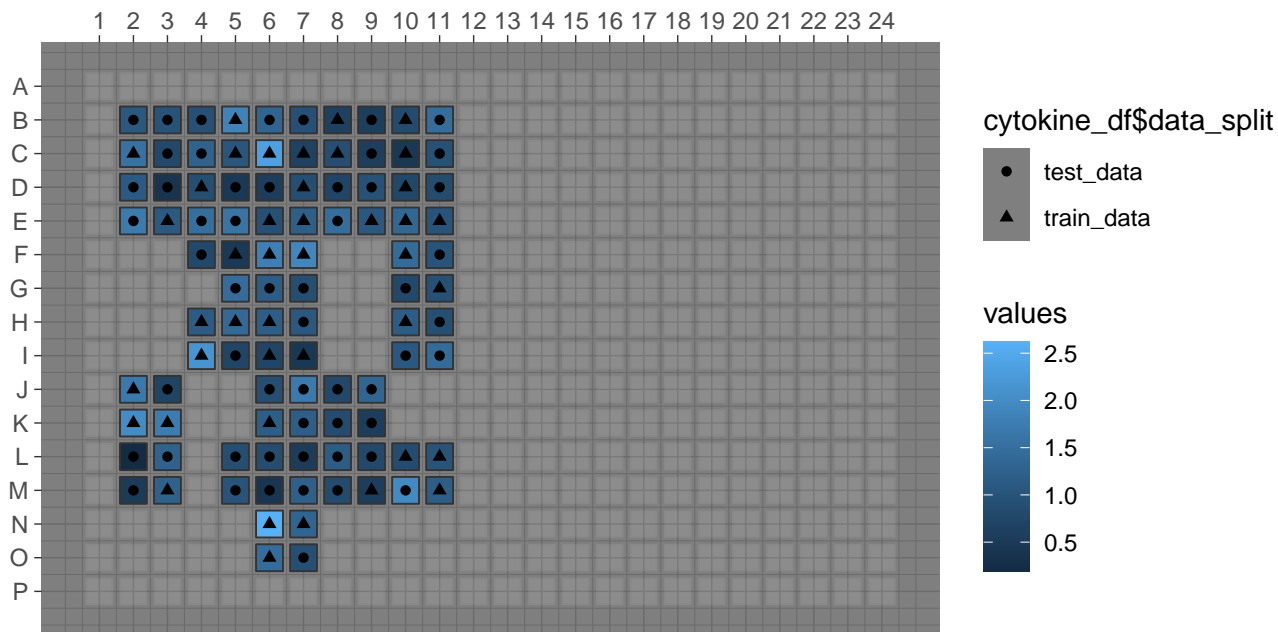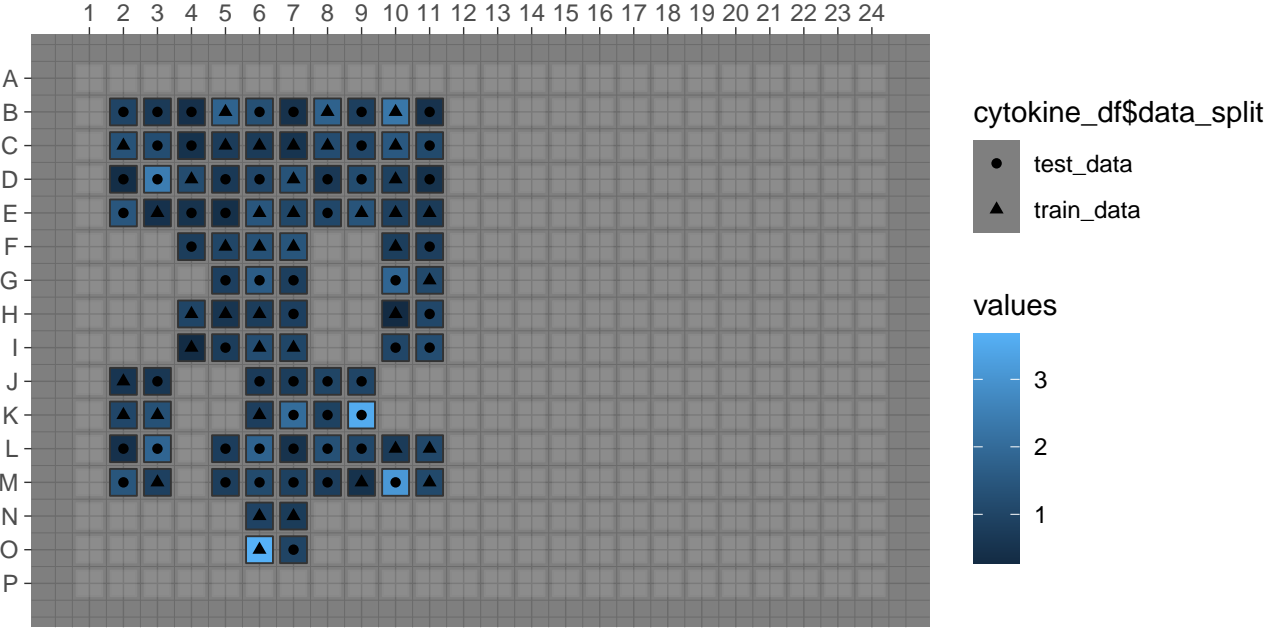
Predictive Performance of CytochromeC per Well (Shuffled_baseline model)

Predictive Performance of Resistin per Well (Shuffled_baseline model)
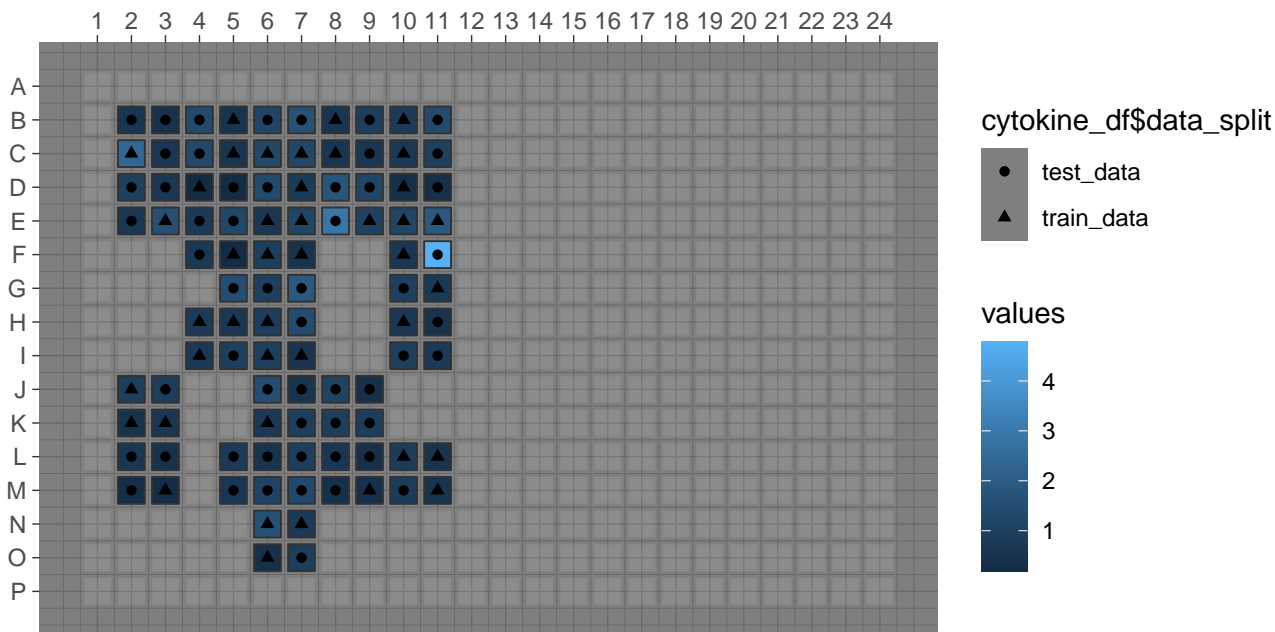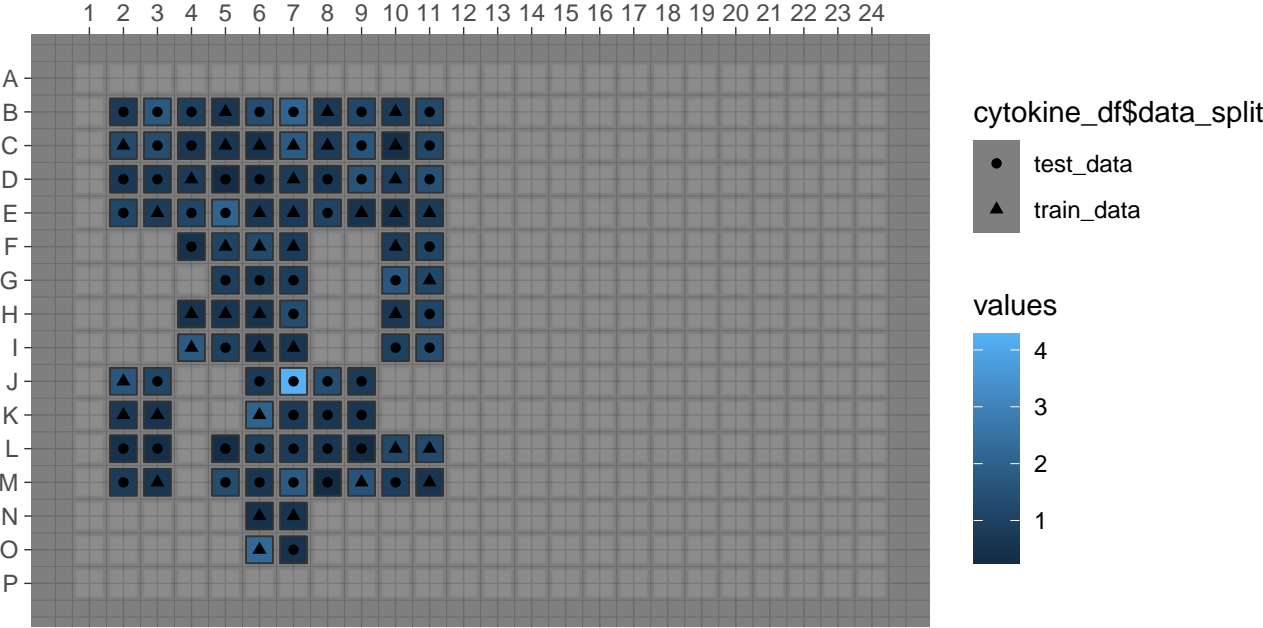
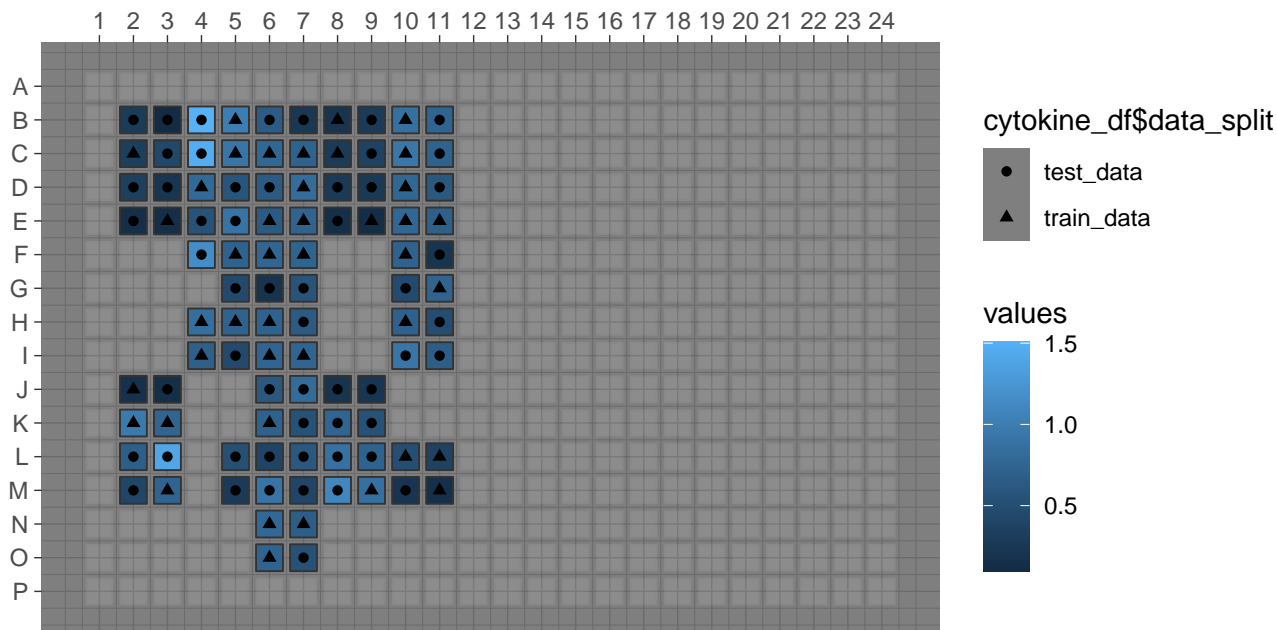Predictive Performance of CCL19 per Well (Shuffled_baseline model)

Predictive Performance of CCL24 per Well (Shuffled_baseline model)

Predictive Performance of TFRII per Well (Shuffled_baseline model)

Predictive Performance of CCL23 per Well (Shuffled_baseline model)

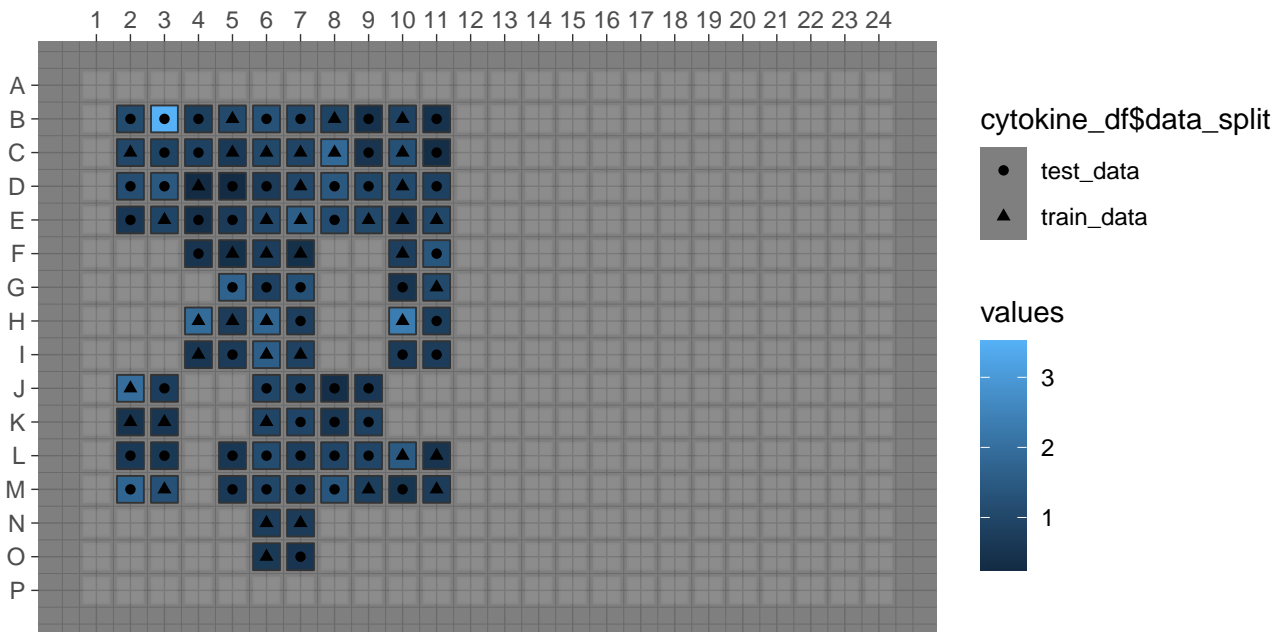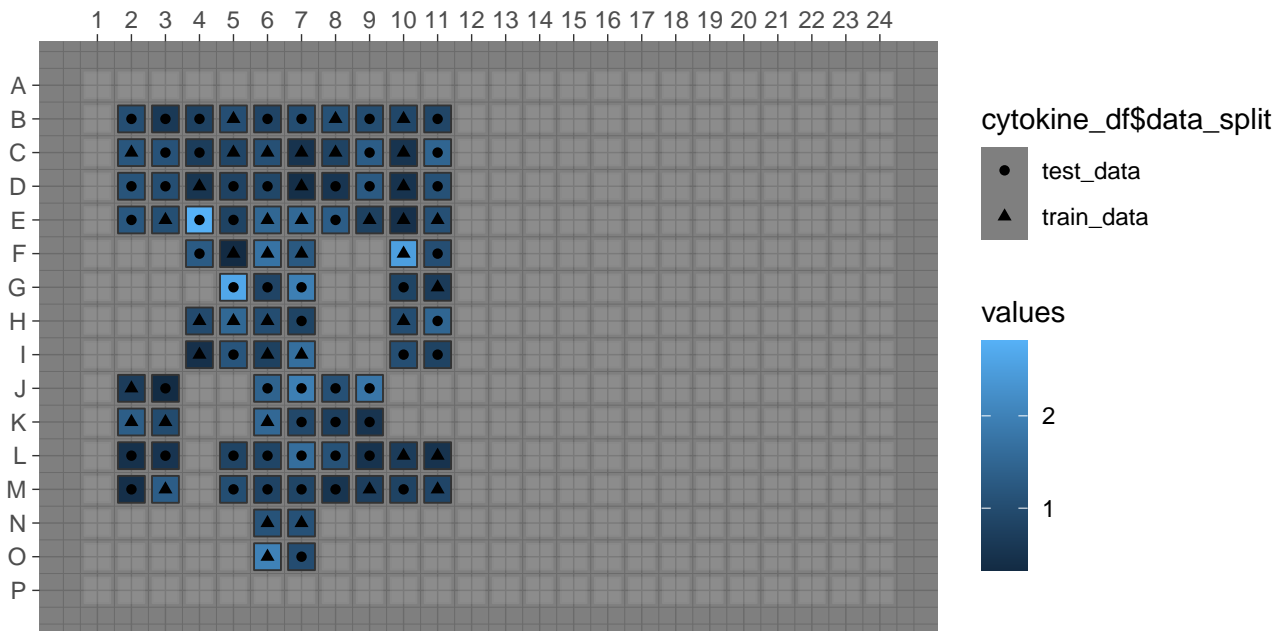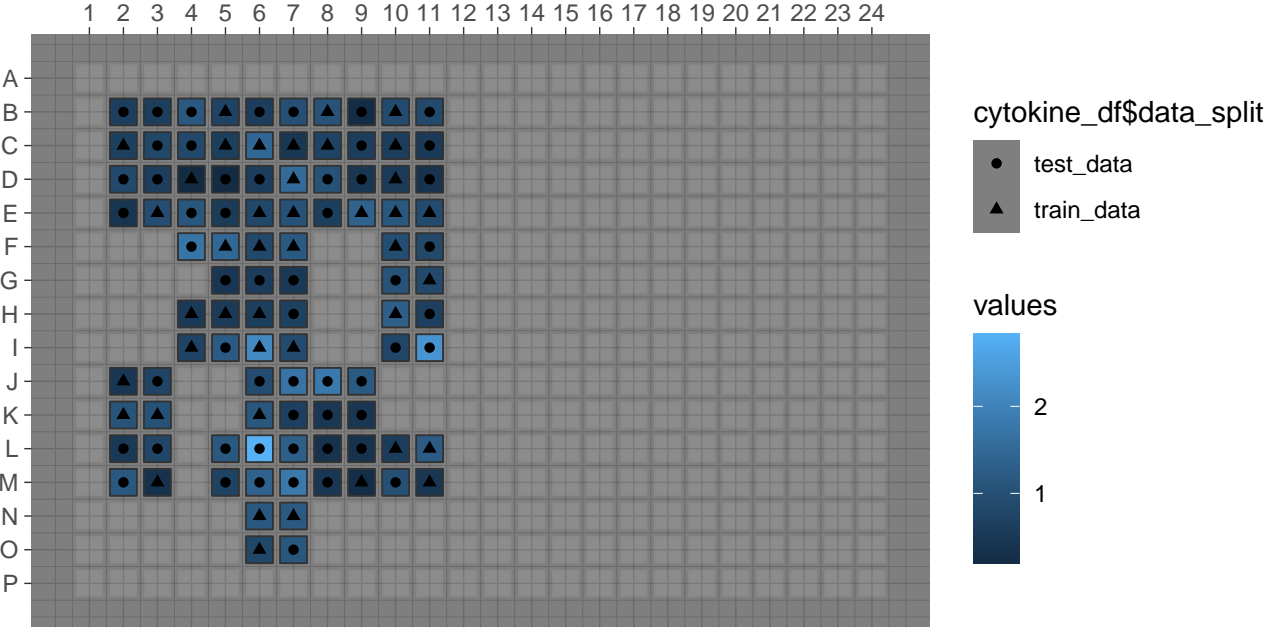Predictive Performance of CXCL7 per Well (Shuffled_baseline model)

Predictive Performance of PTX3(Pentraxin3) per Well (Shuffled_baseline model)
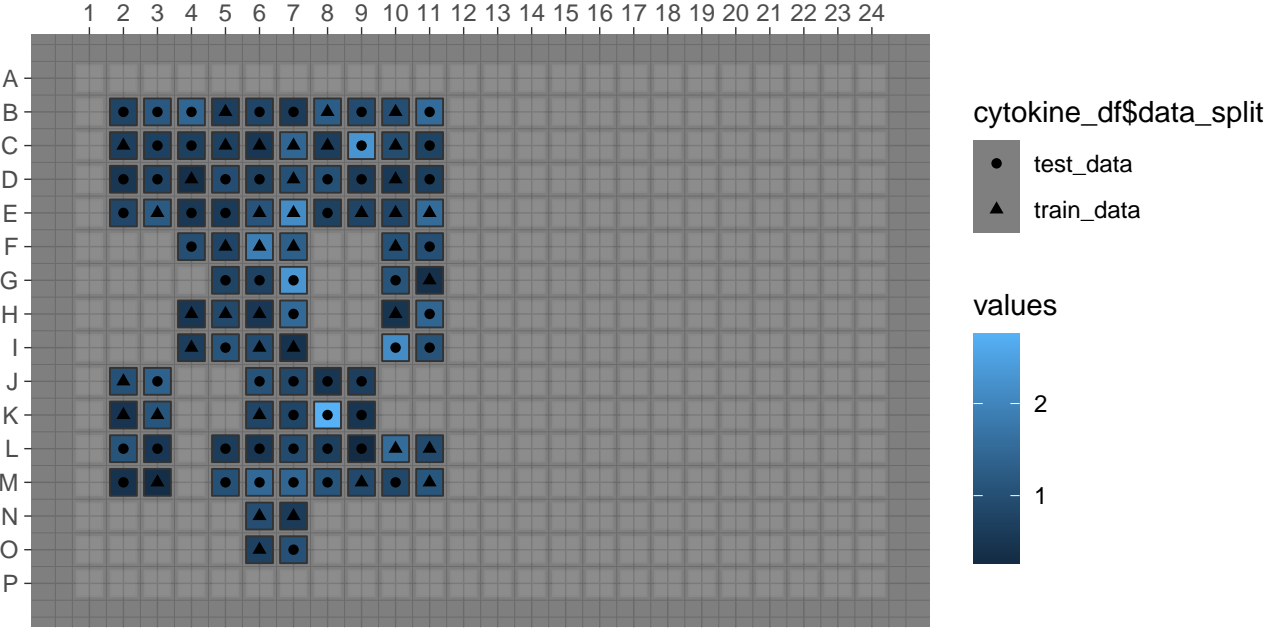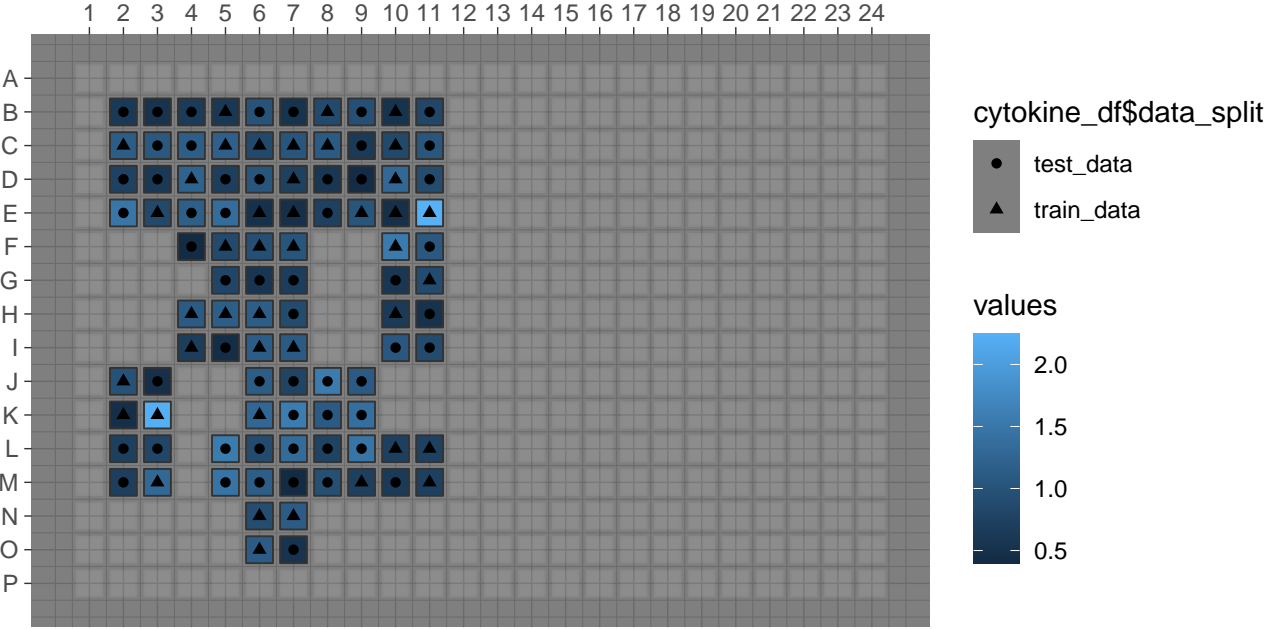
Predictive Performance of IL−12p35 per Well (Shuffled_baseline model)

Predictive Performance of CCL2 per Well (Shuffled_baseline model)

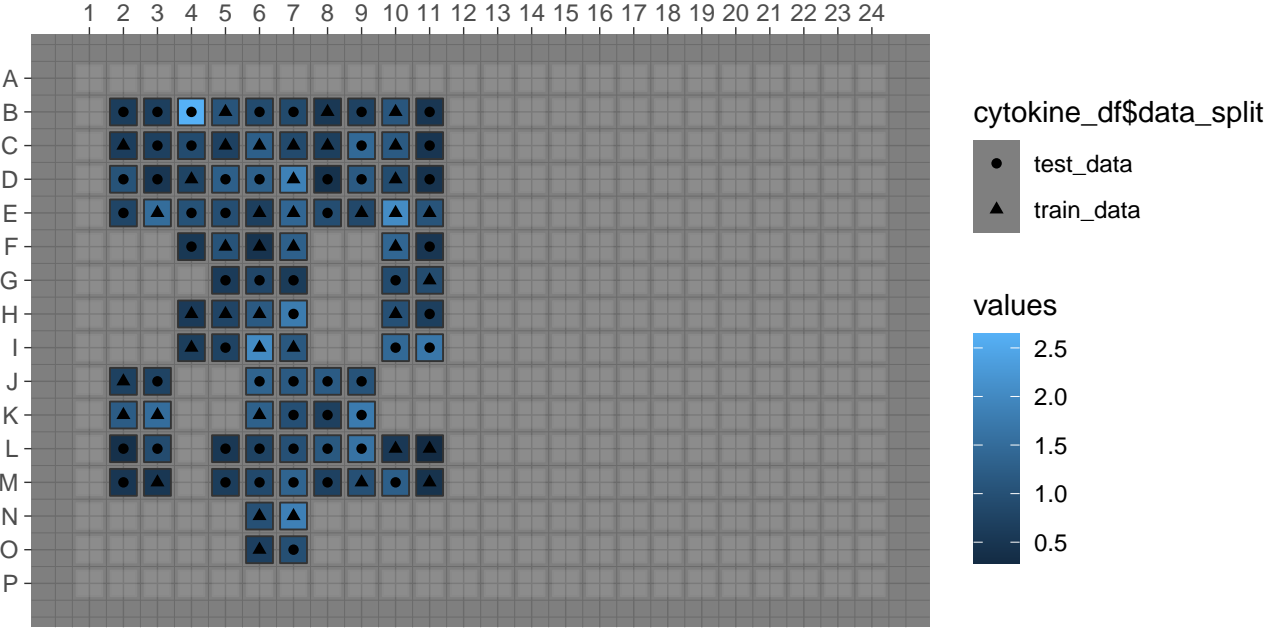Predictive Performance of Leptin per Well (Shuffled_baseline model)

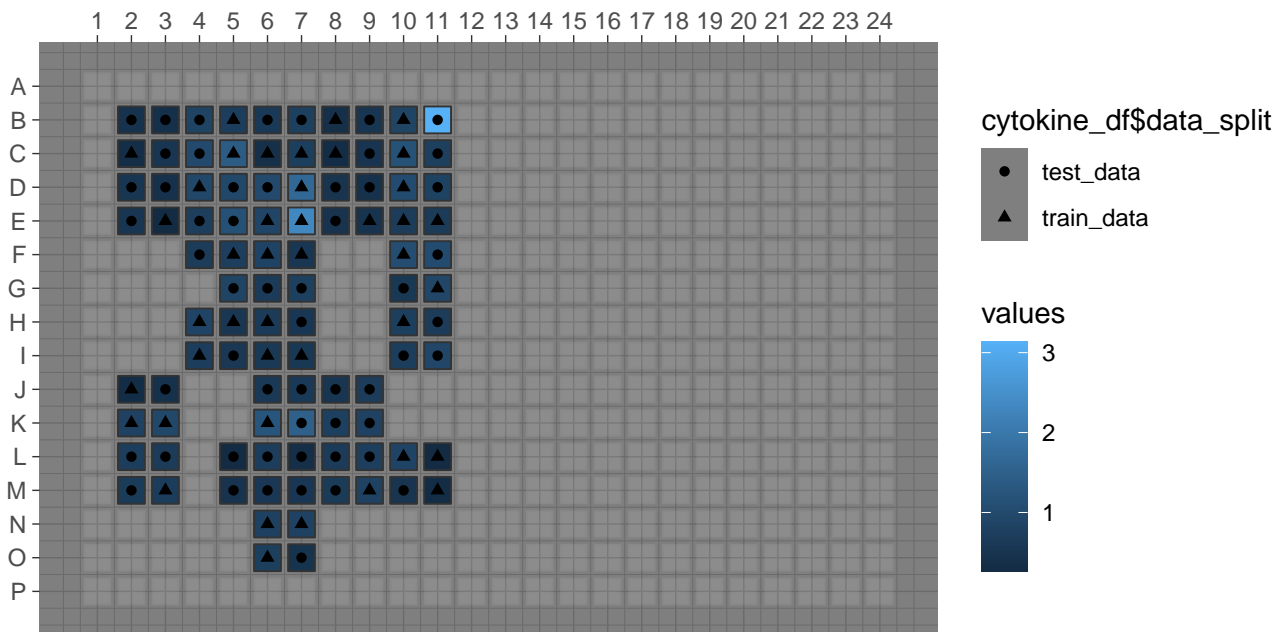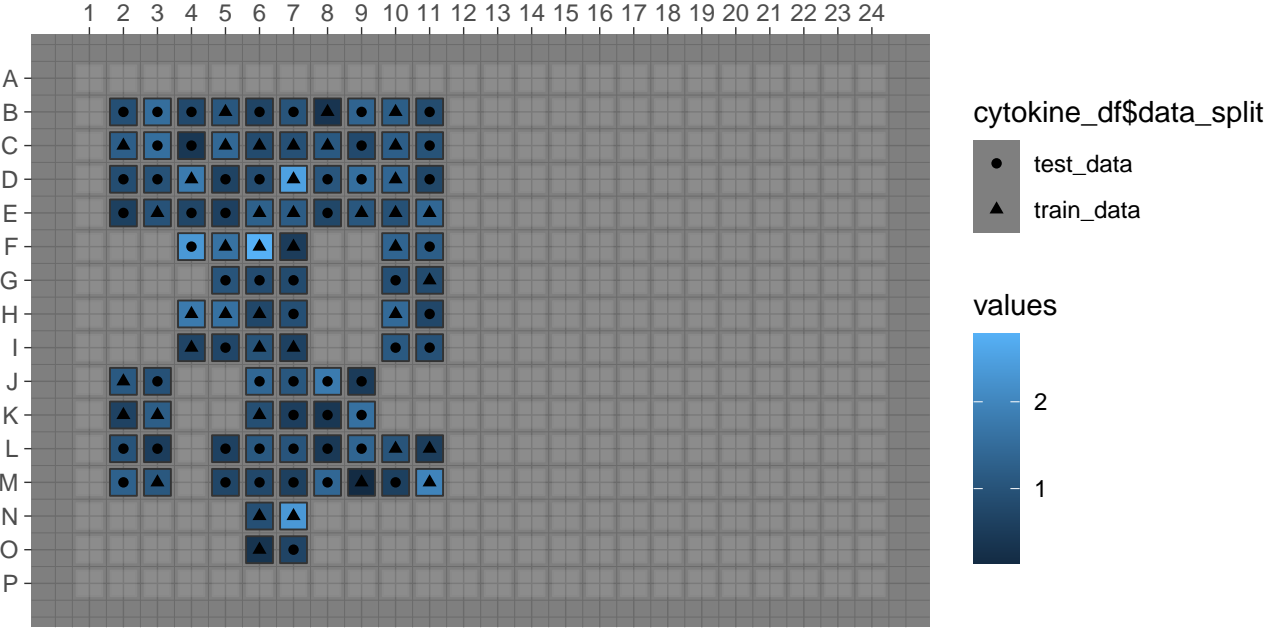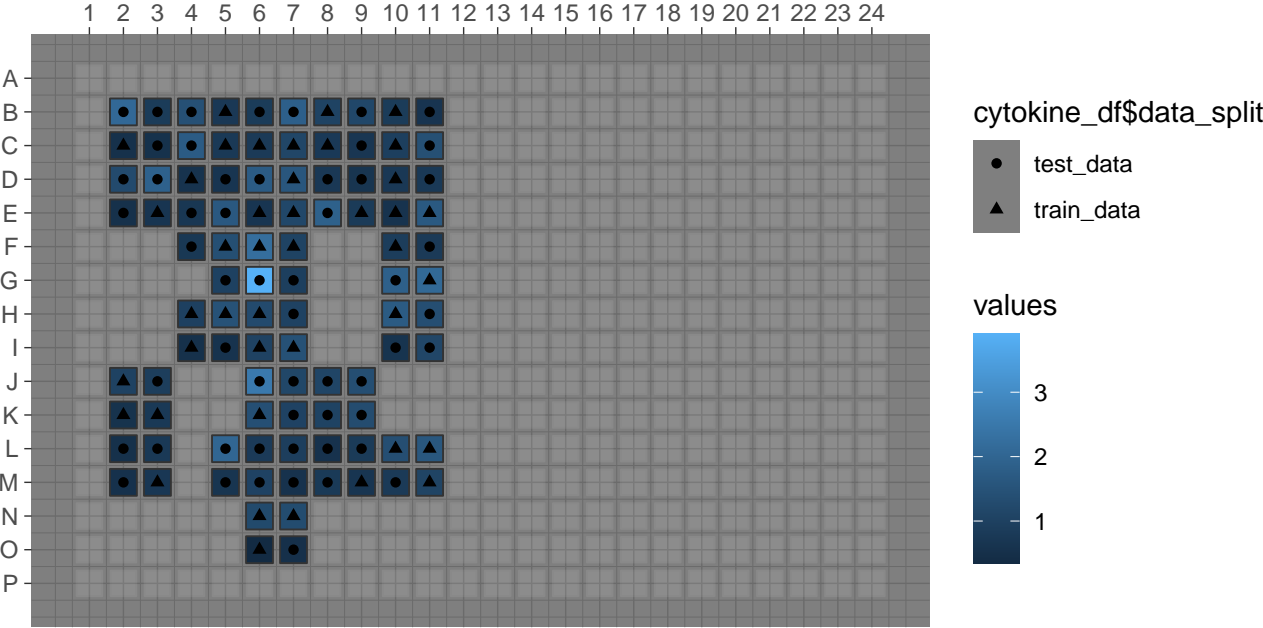Predictive Performance of BMP2 per Well (Shuffled_baseline model)
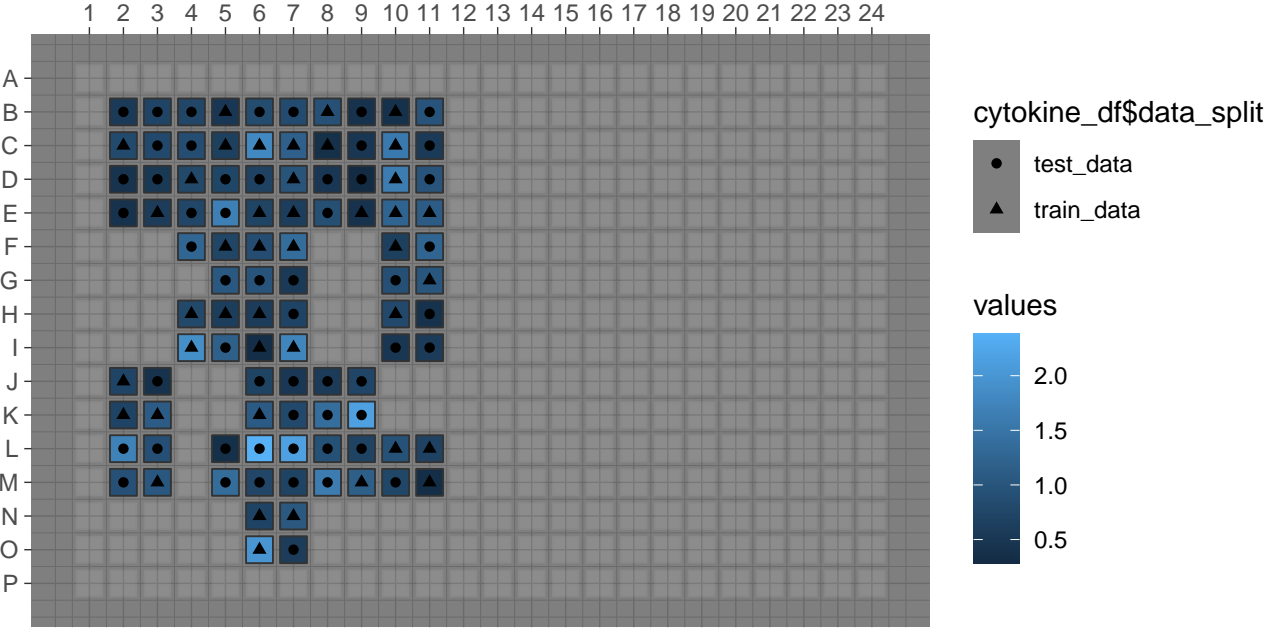
Predictive Performance of IFbeta per Well (Shuffled_baseline model)

Predictive Performance of CCL21 per Well (Shuffled_baseline model)

Predictive Performance of TFRIII(LymphotoxinBetaR) per Well (Shuffled_baseline

Predictive Performance of IL−12p70 per Well (Shuffled_baseline model)

Predictive Performance of GDF per Well (Shuffled_baseline model)

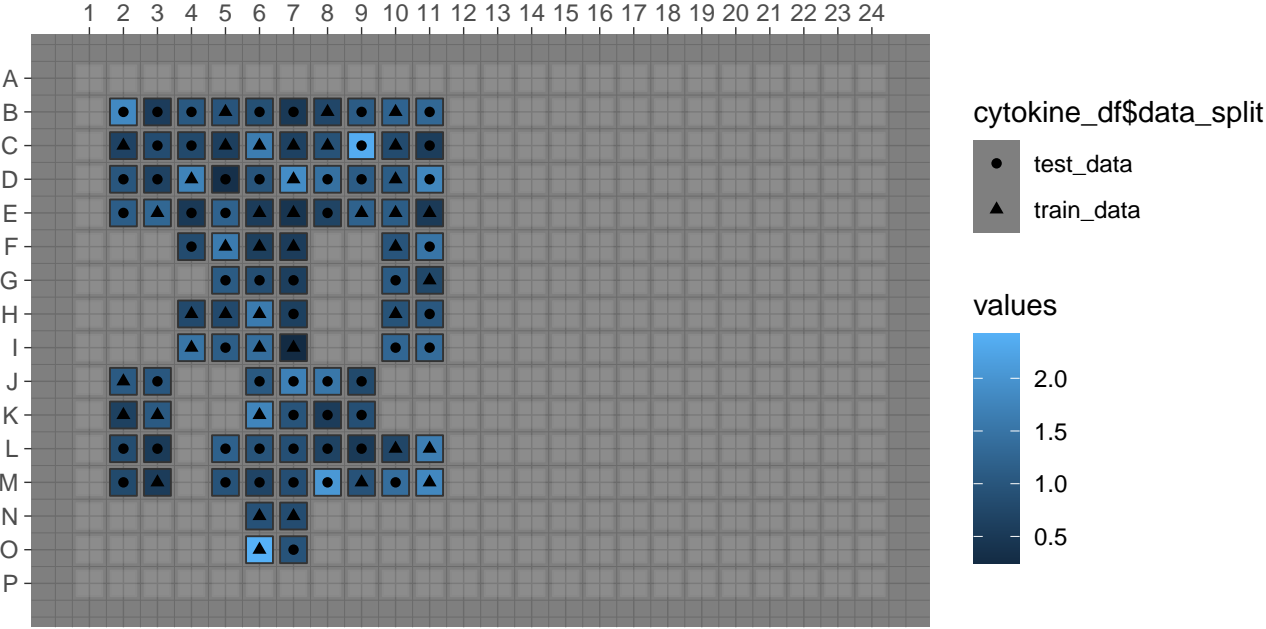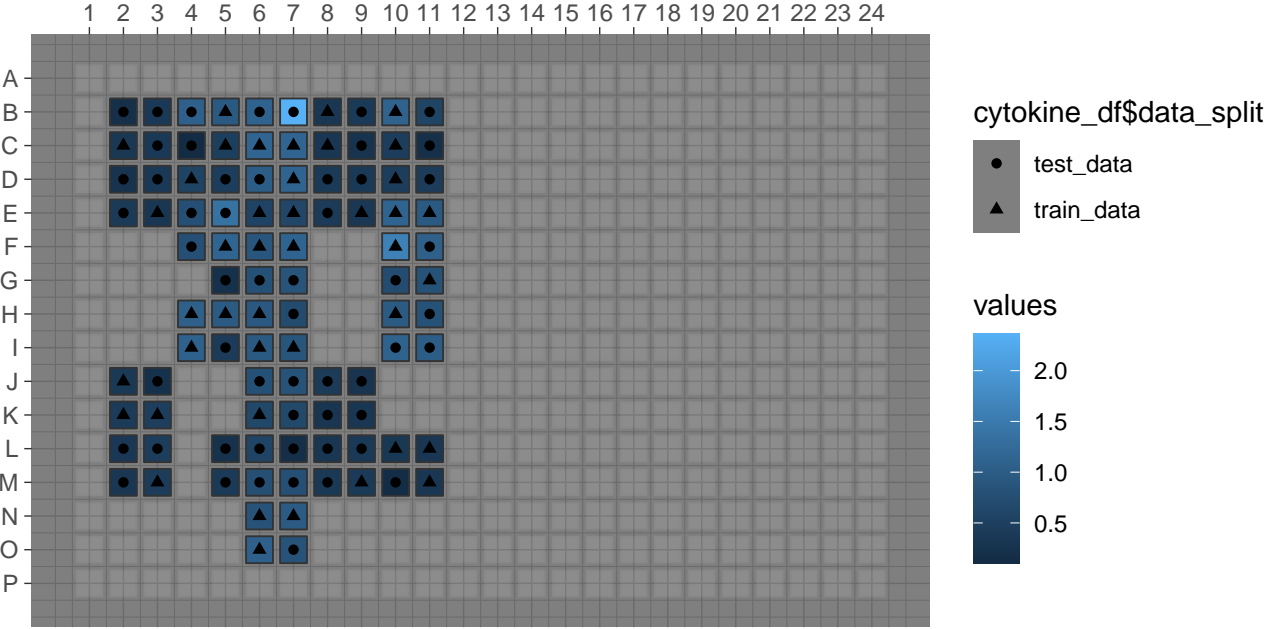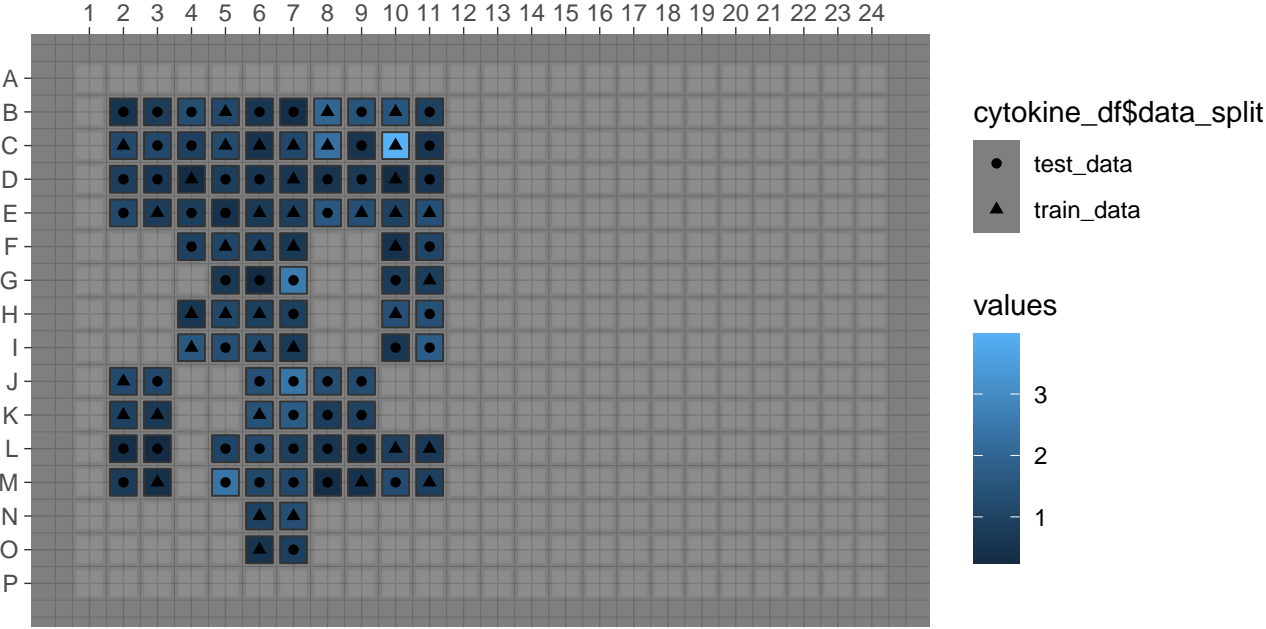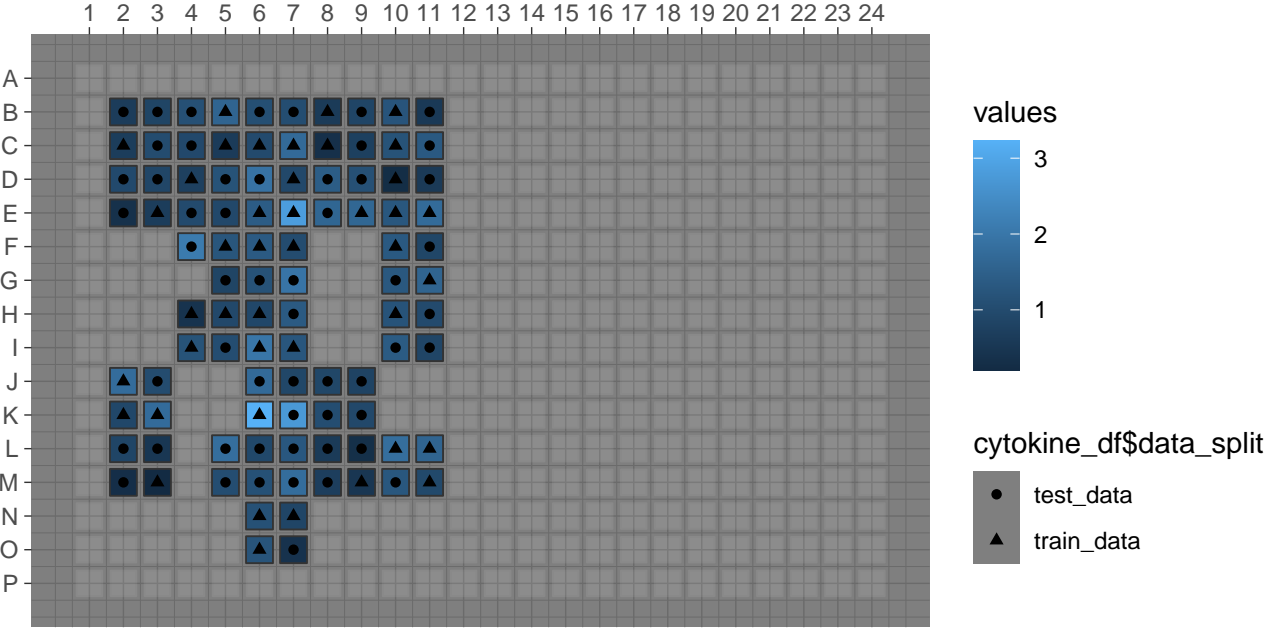Predictive Performance of PDGF−BB per Well (Shuffled_baseline model)

Predictive Performance of IL−11 per Well (Shuffled_baseline model)

Predictive Performance of Flt−3Ligand per Well (Shuffled_baseline model)

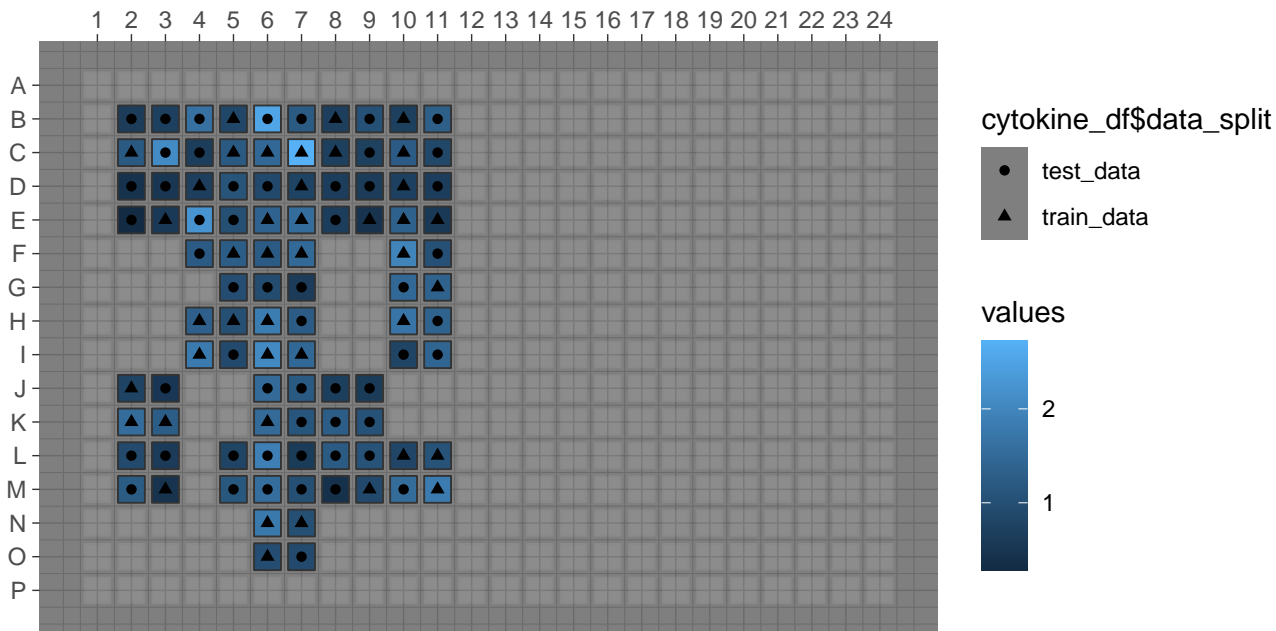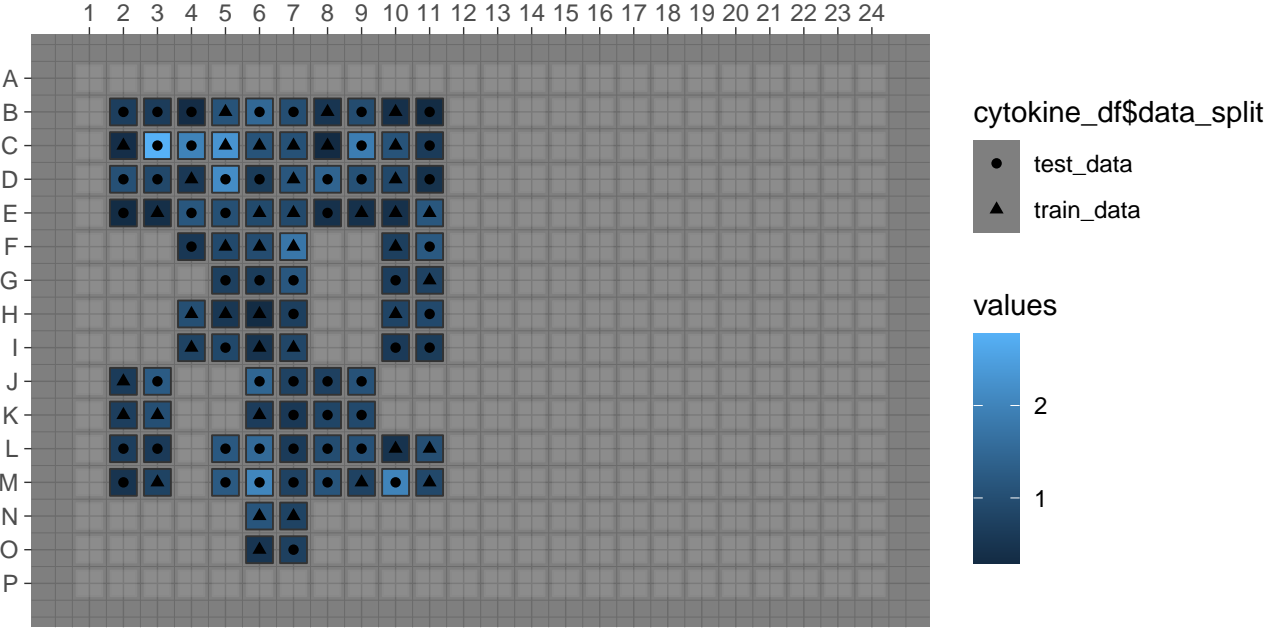Predictive Performance of GranzymeB per Well (Shuffled_baseline model)

Predictive Performance of HVEM per Well (Shuffled_baseline model)

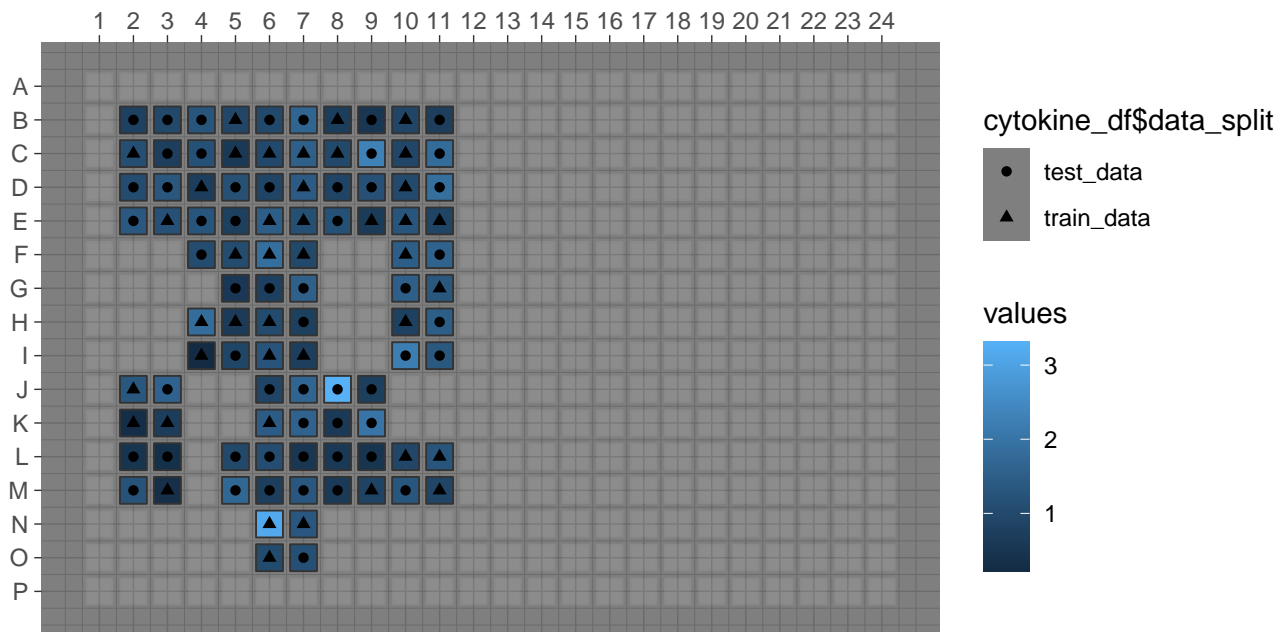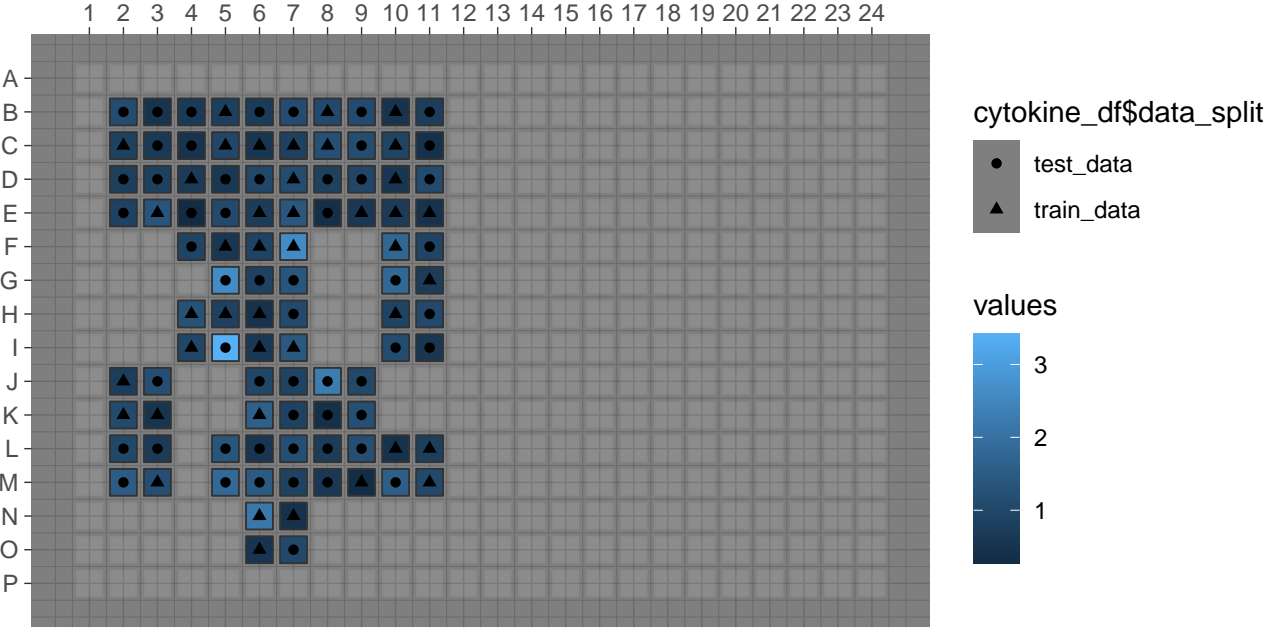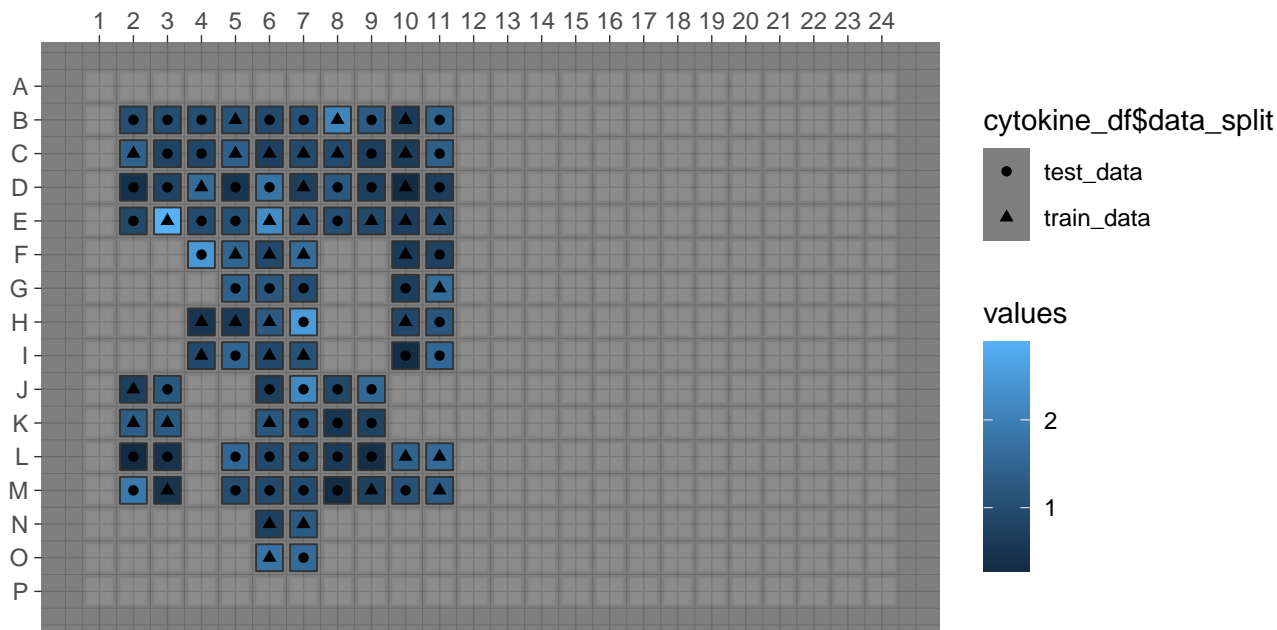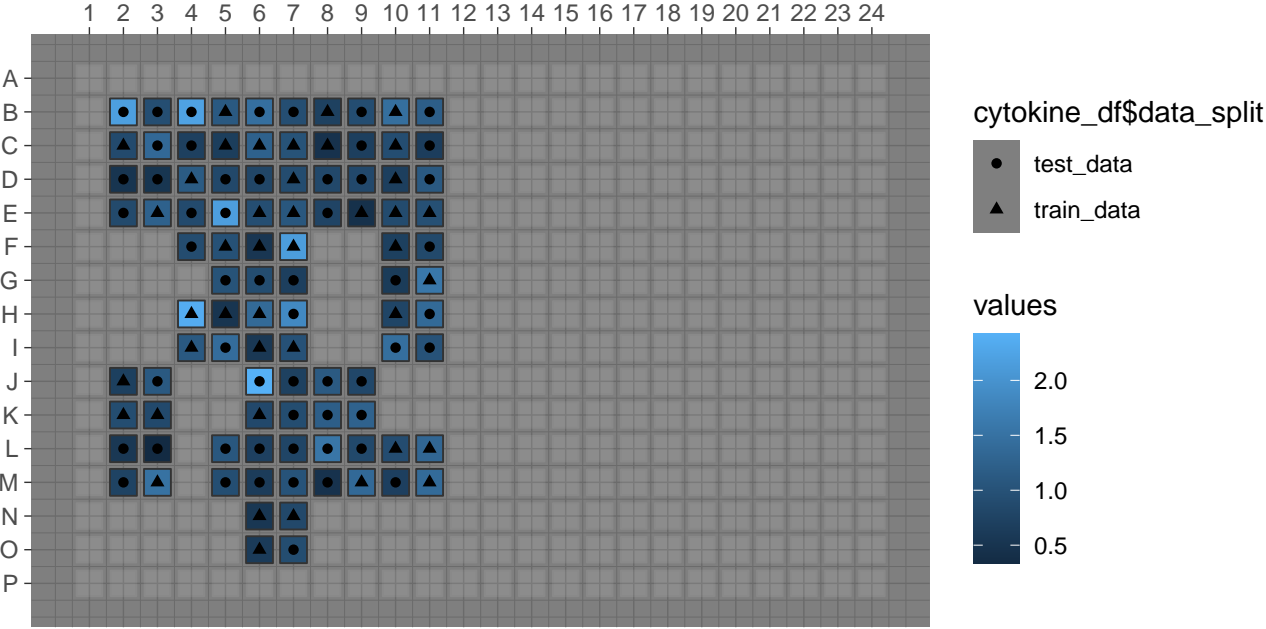Predictive Performance of TFRI per Well (Shuffled_baseline model)

Predictive Performance of T2(IL−33R) per Well (Shuffled_baseline model)

Predictive Performance of TGF−beta2 per Well (Shuffled_baseline model)

Predictive Performance of WIP−1(CC4) per Well (Shuffled_baseline model)

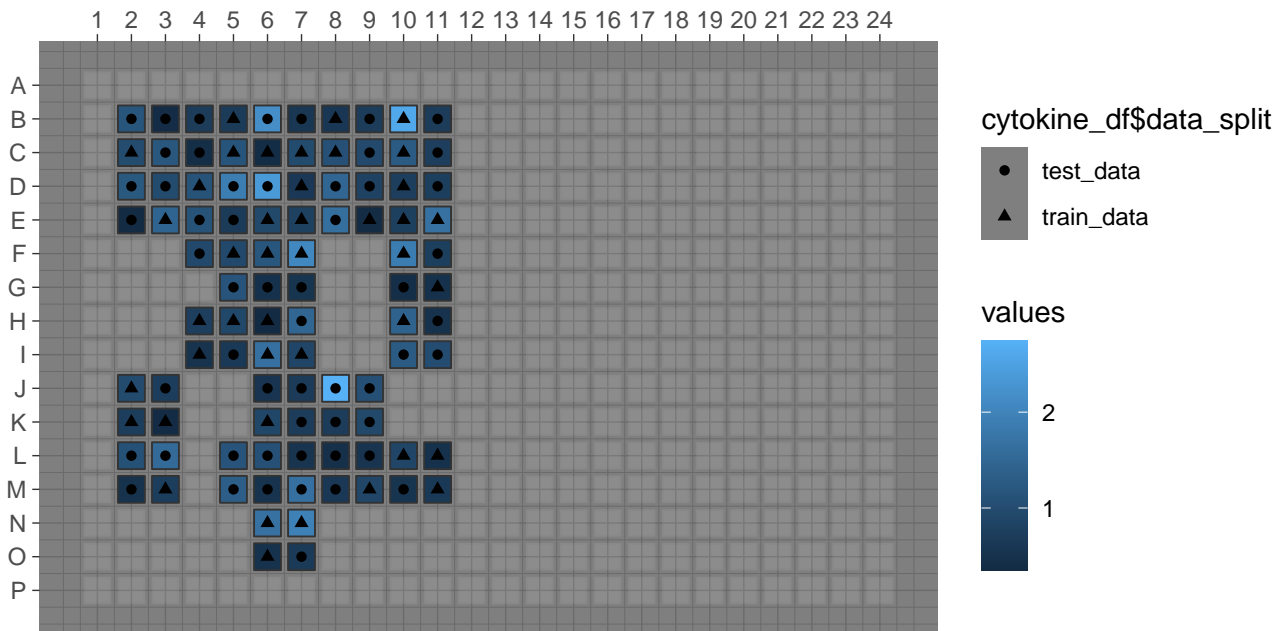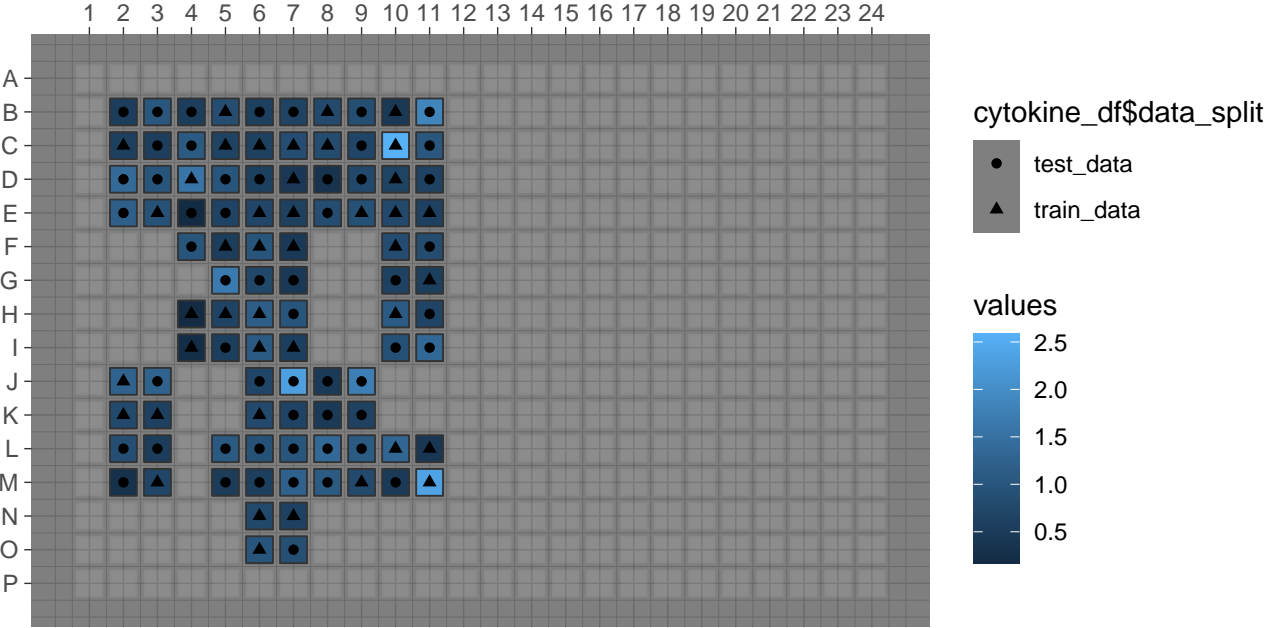Predictive Performance of IL−17D per Well (Shuffled_baseline model)

Predictive Performance of IL−29 per Well (Shuffled_baseline model)

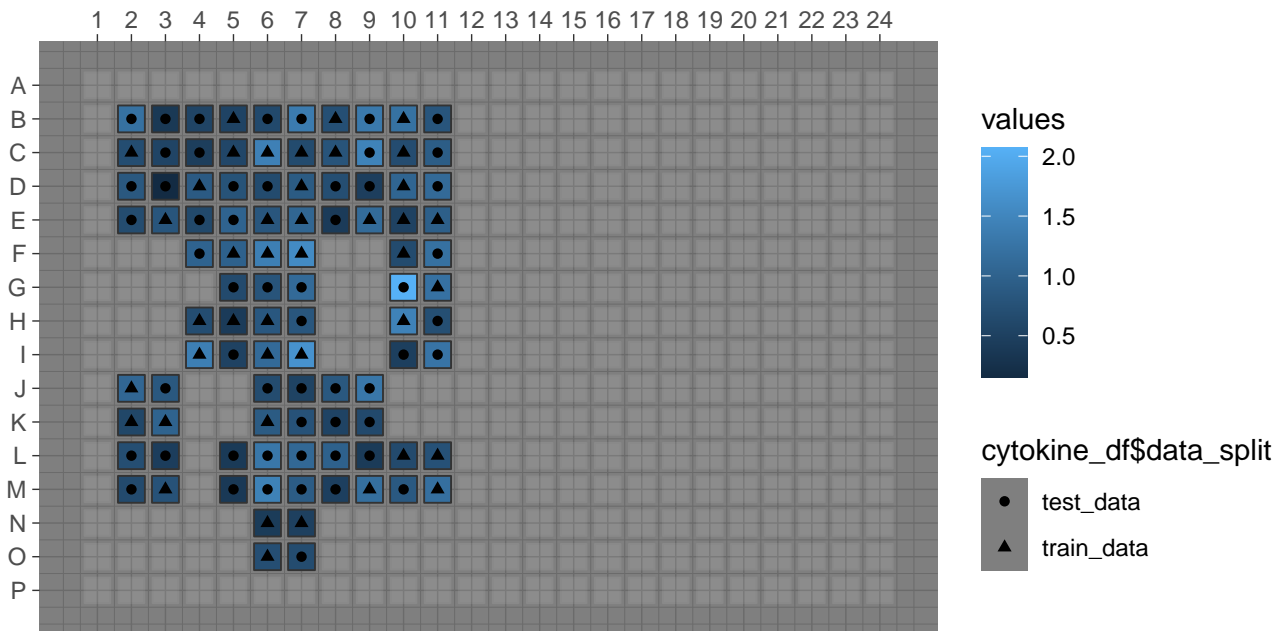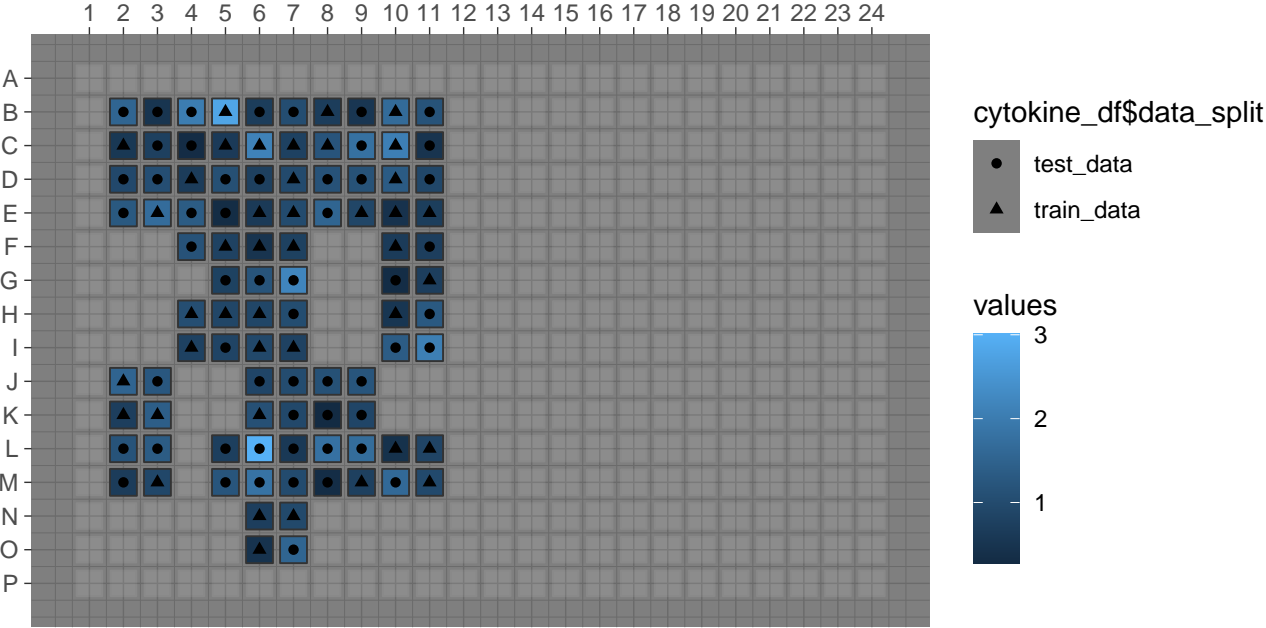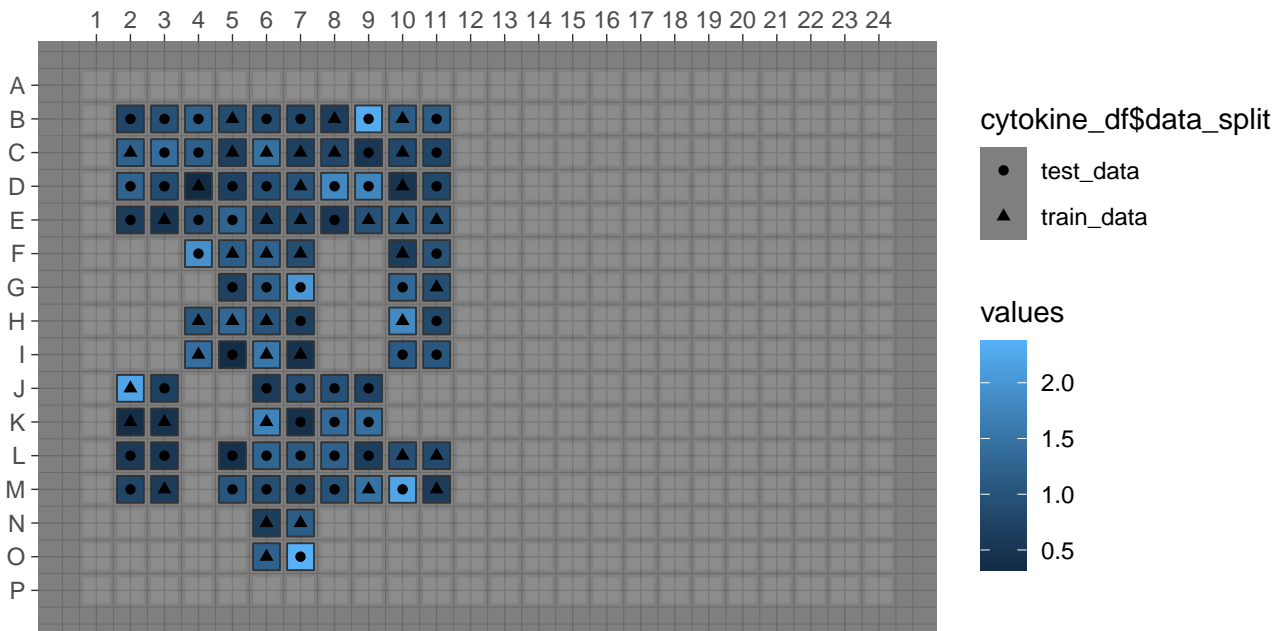Predictive Performance of BAFF per Well (Shuffled_baseline model)

Predictive Performance of CX3CL1 per Well (Shuffled_baseline model)
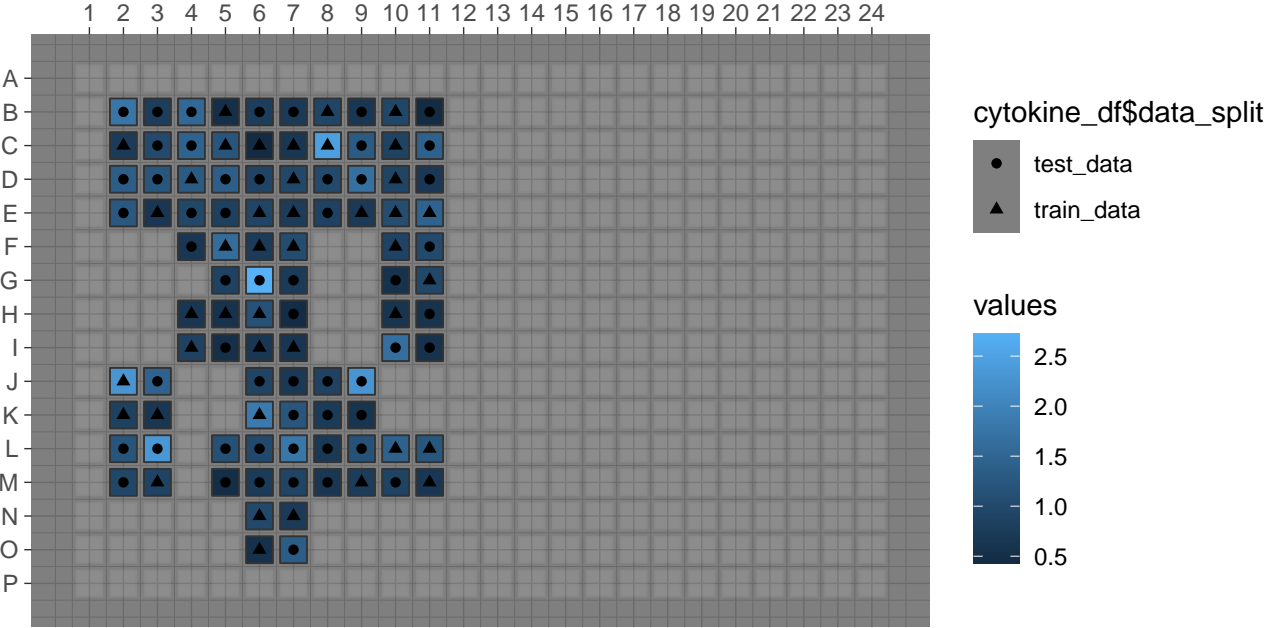
Predictive Performance of AA per Well (Shuffled_baseline model)

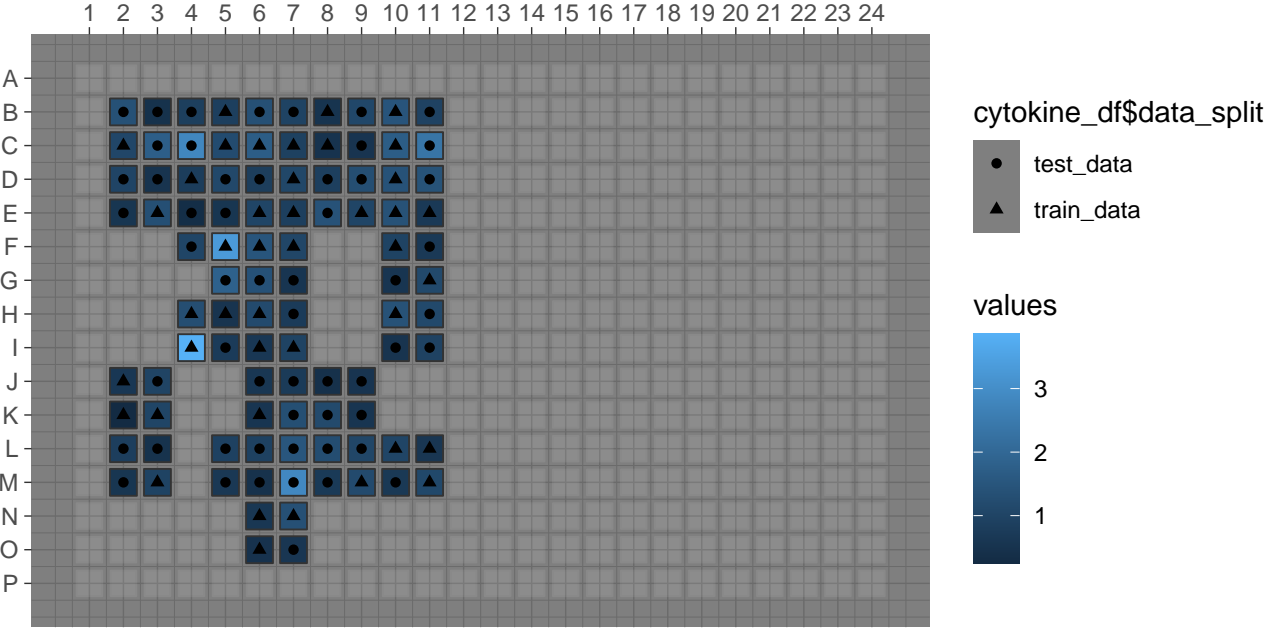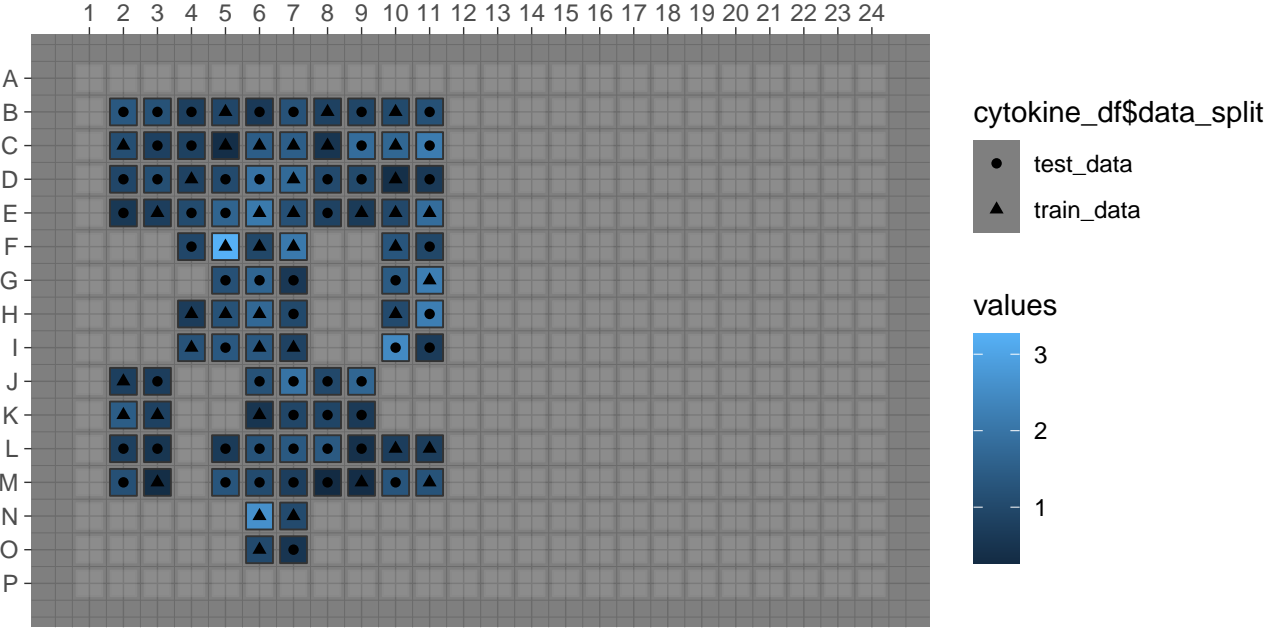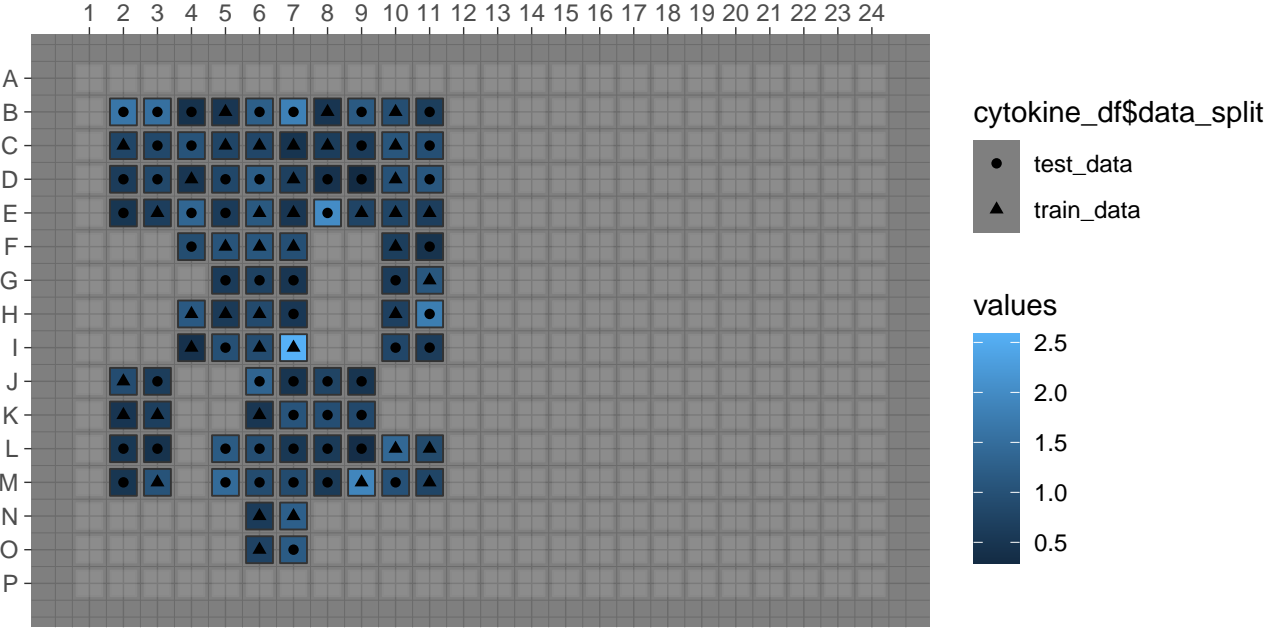Predictive Performance of IL−31 per Well (Shuffled_baseline model)

Predictive Performance of FGFR3(IIIc) per Well (Shuffled_baseline model)

Predictive Performance of MMP−10 per Well (Shuffled_baseline model)

Predictive Performance of CCL17 per Well (Shuffled_baseline model)

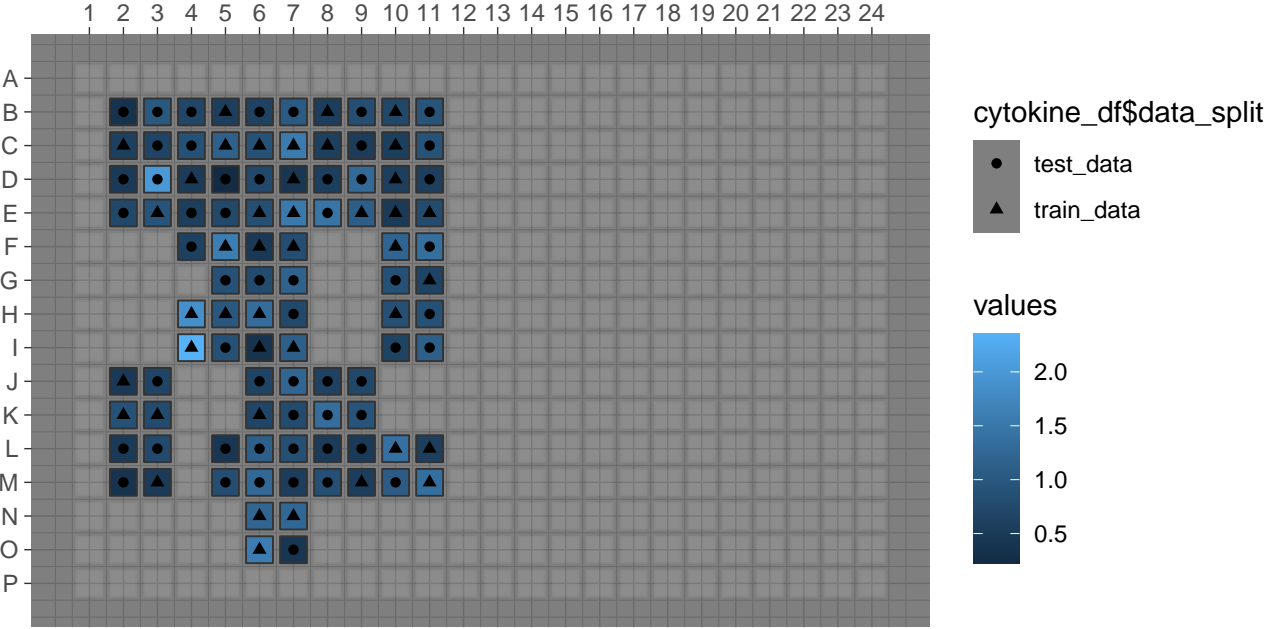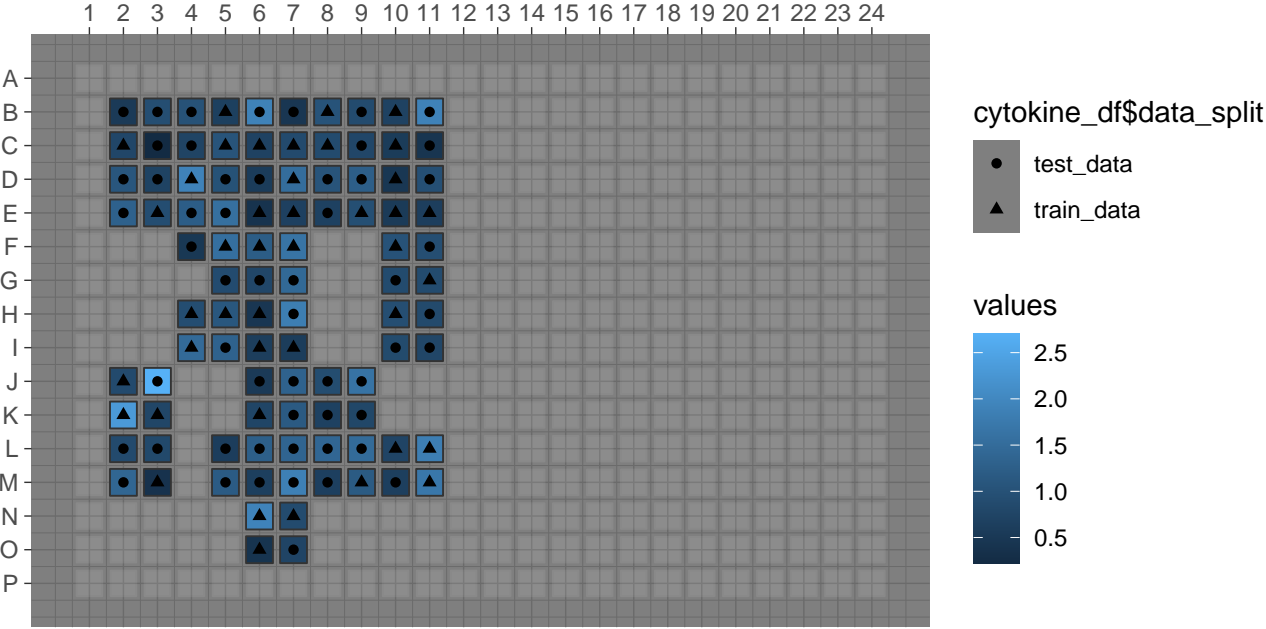Predictive Performance of BMP6 per Well (Shuffled_baseline model)

Predictive Performance of IL−7 per Well (Shuffled_baseline model)

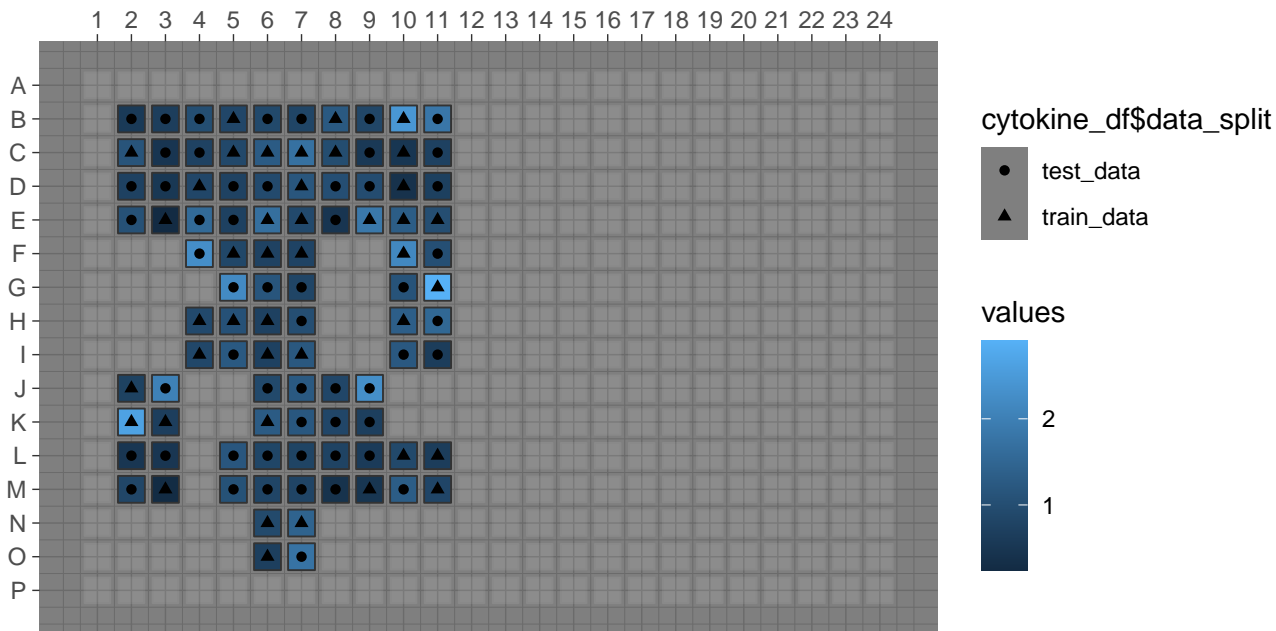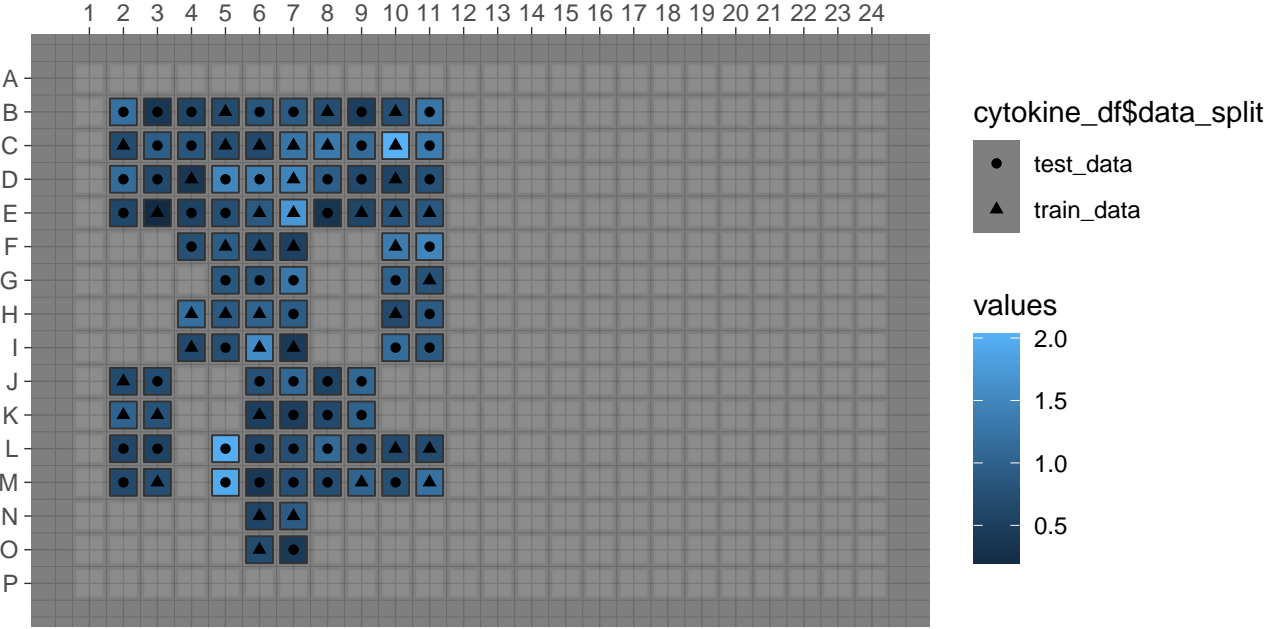Predictive Performance of uPA per Well (Shuffled_baseline model)

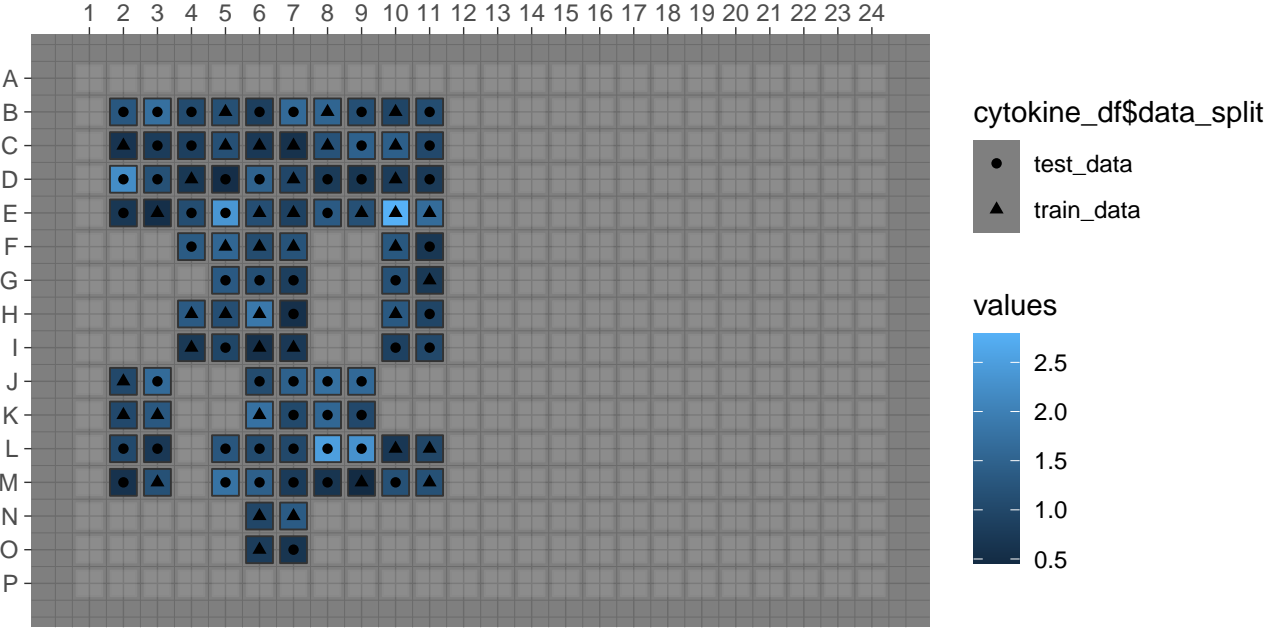Predictive Performance of FGF−19 per Well (Shuffled_baseline model)

Predictive Performance of Amphiregulin per Well (Shuffled_baseline model)

Predictive Performance of MMP−7 per Well (Shuffled_baseline model)

Predictive Performance of CCL18 per Well (Shuffled_baseline model)

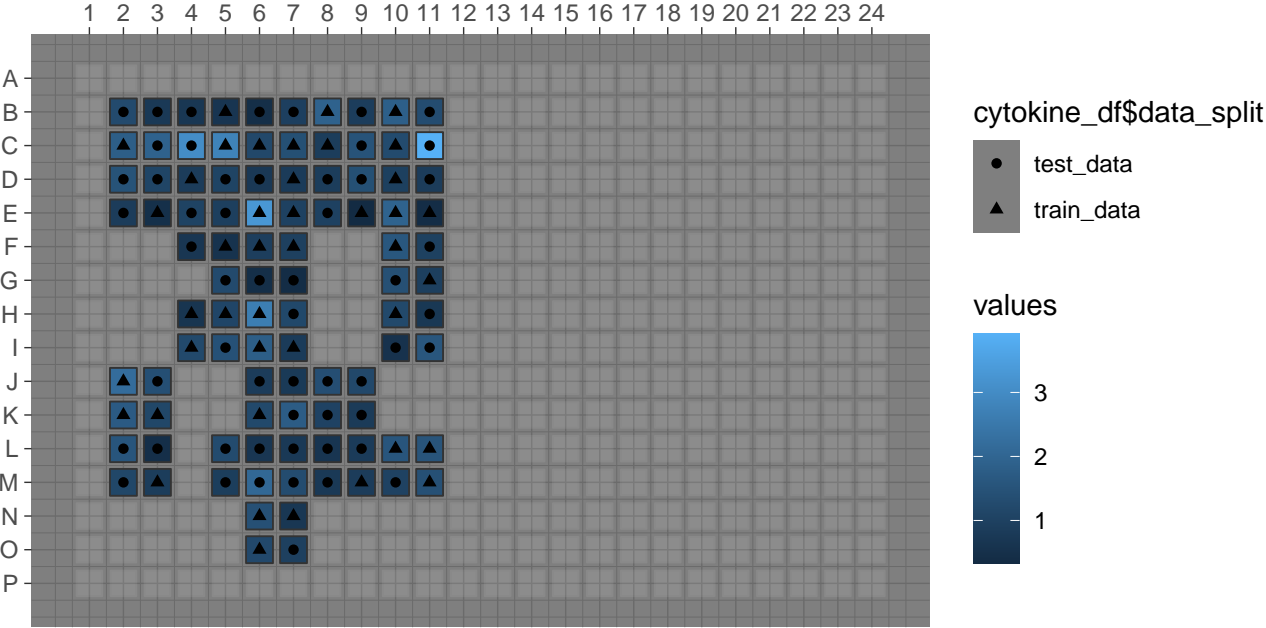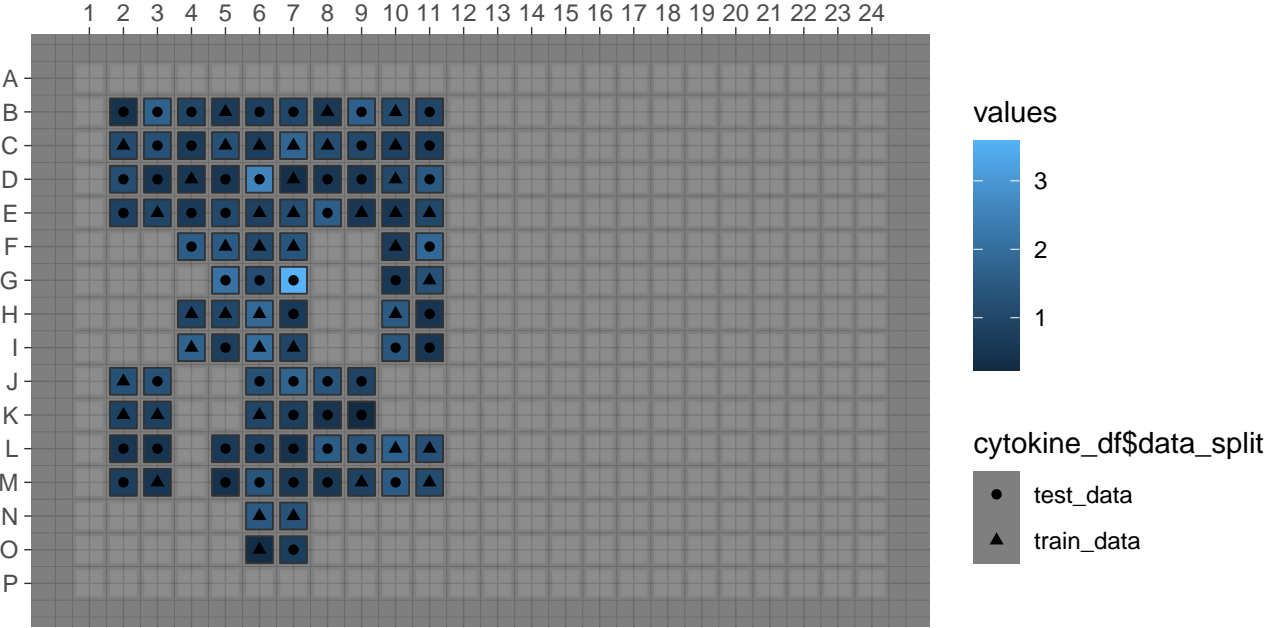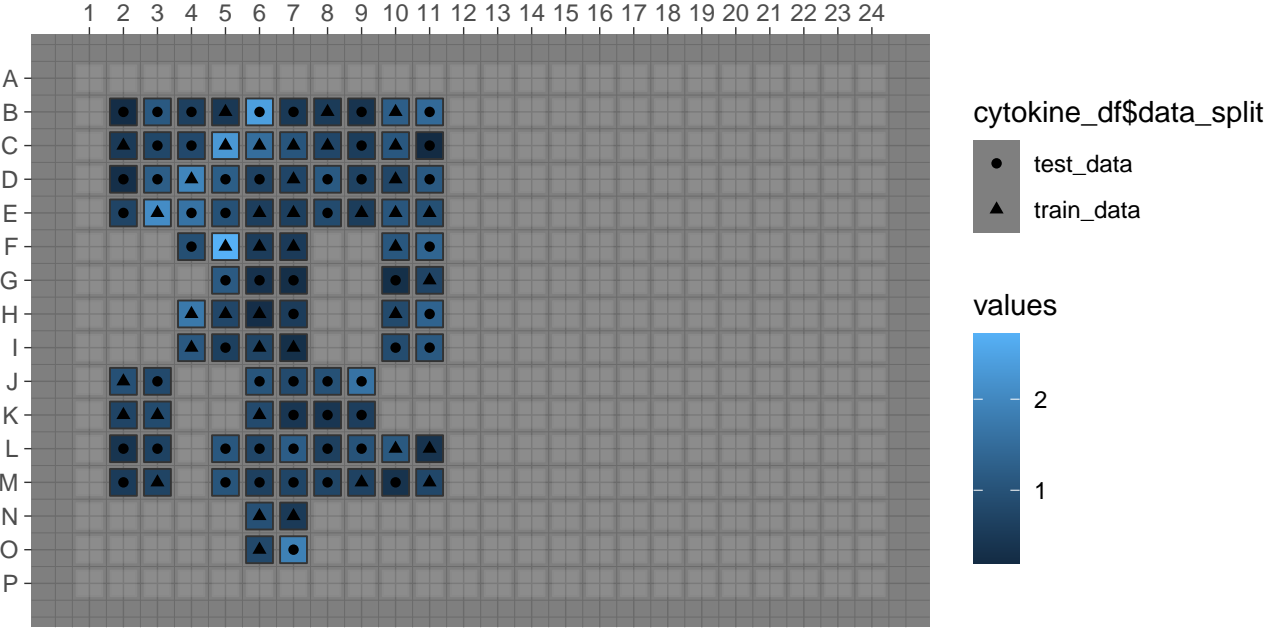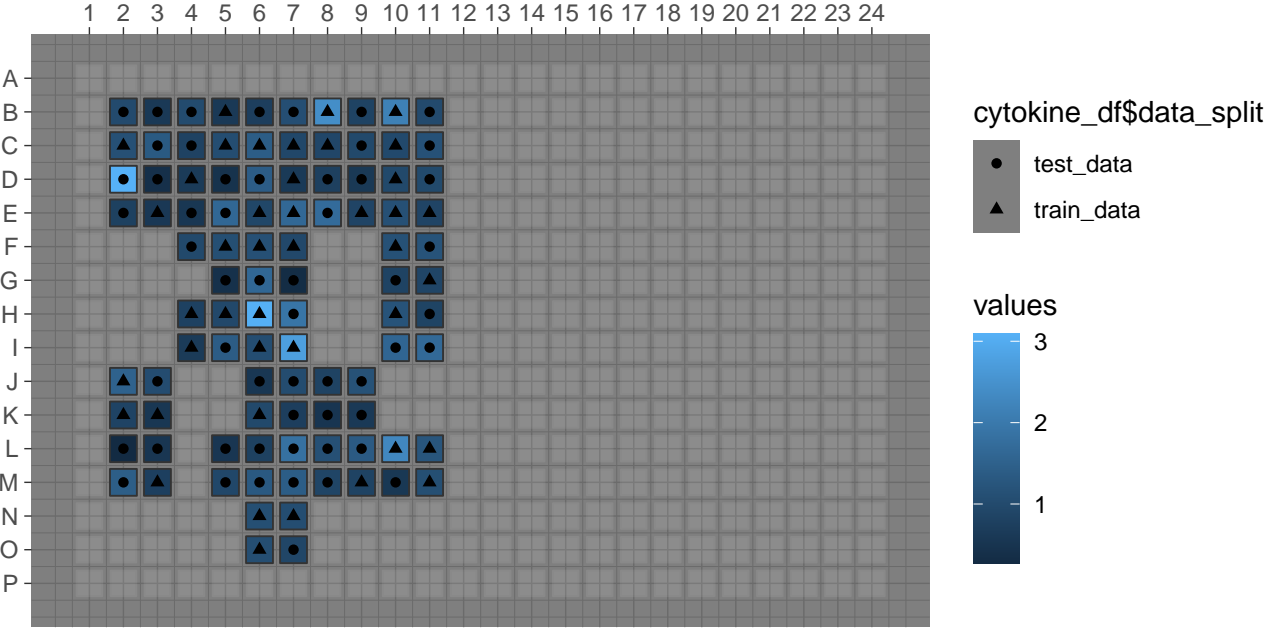Predictive Performance of IL−17B per Well (Shuffled_baseline model)

Predictive Performance of CD276(B7−H3) per Well (Shuffled_baseline model)

Predictive Performance of CCL20 per Well (Shuffled_baseline model)

Predictive Performance of MMP−3 per Well (Shuffled_baseline model)

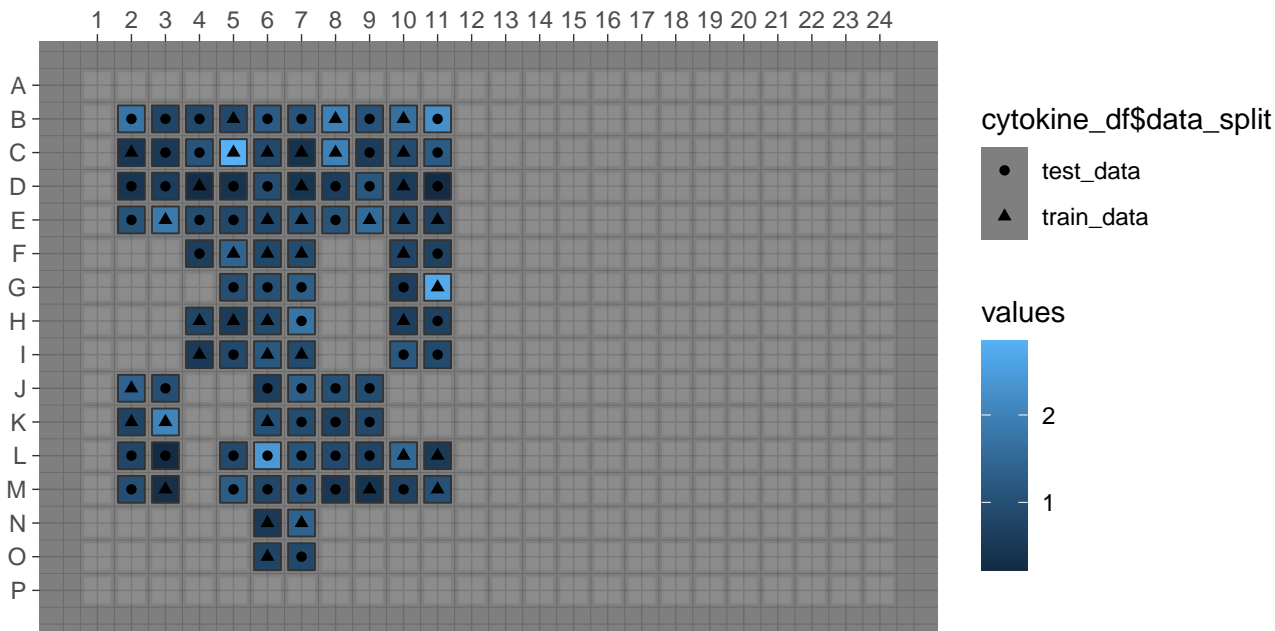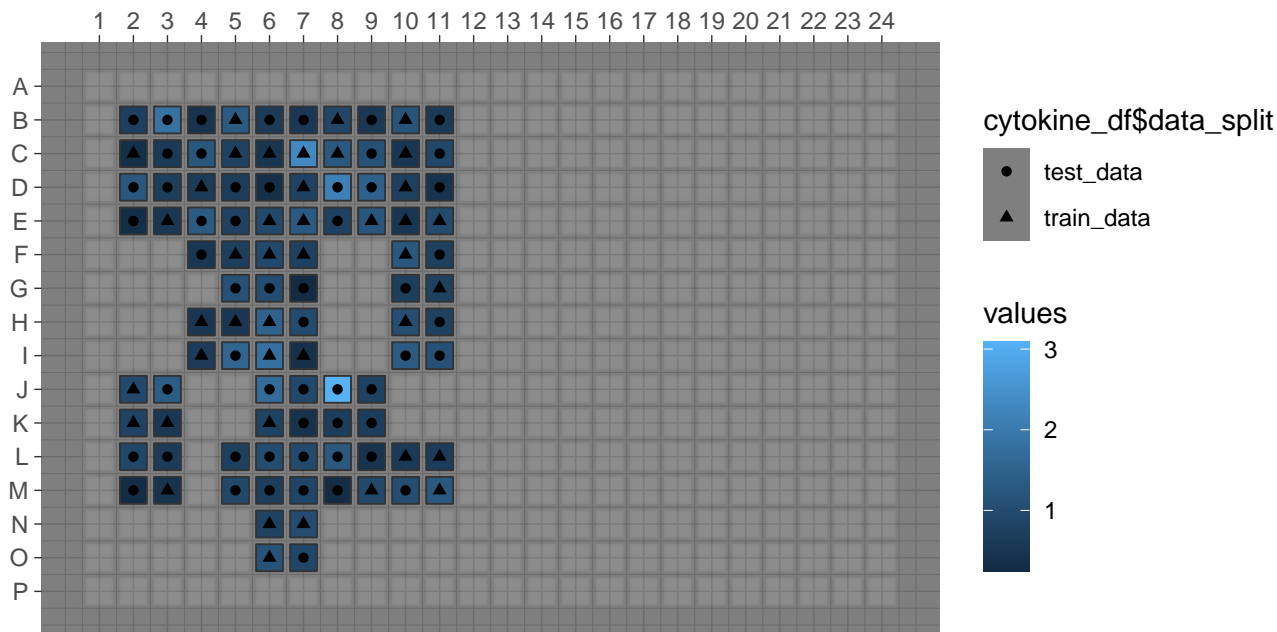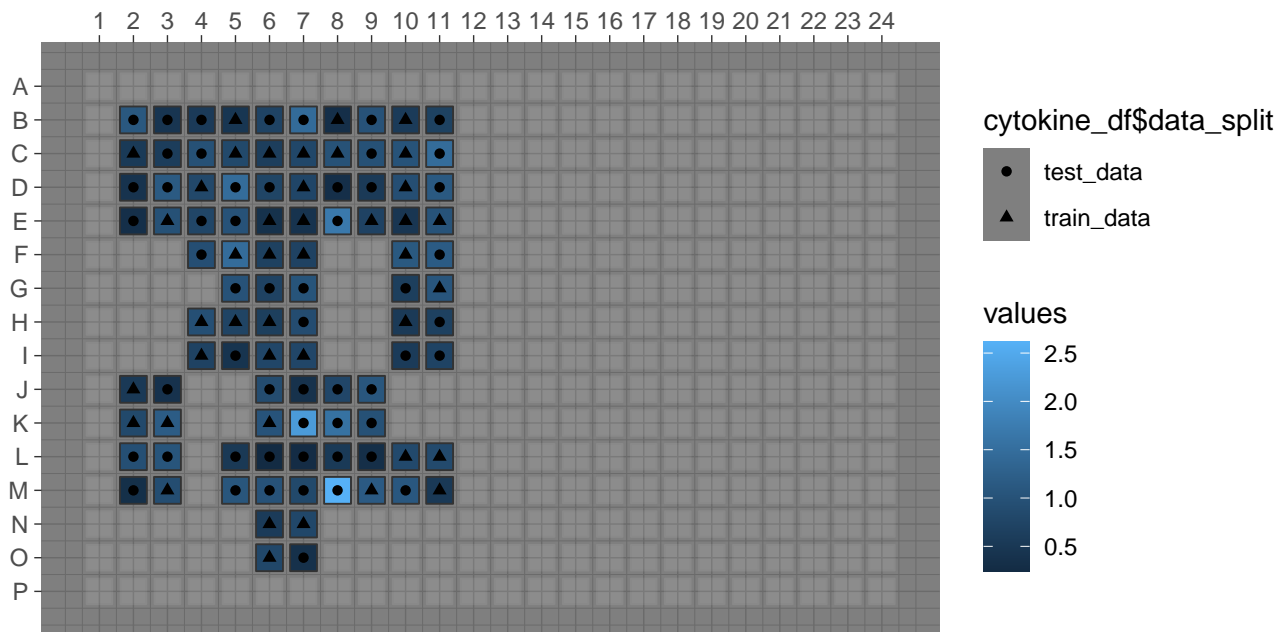Predictive Performance of CXCL5 per Well (Shuffled_baseline model)

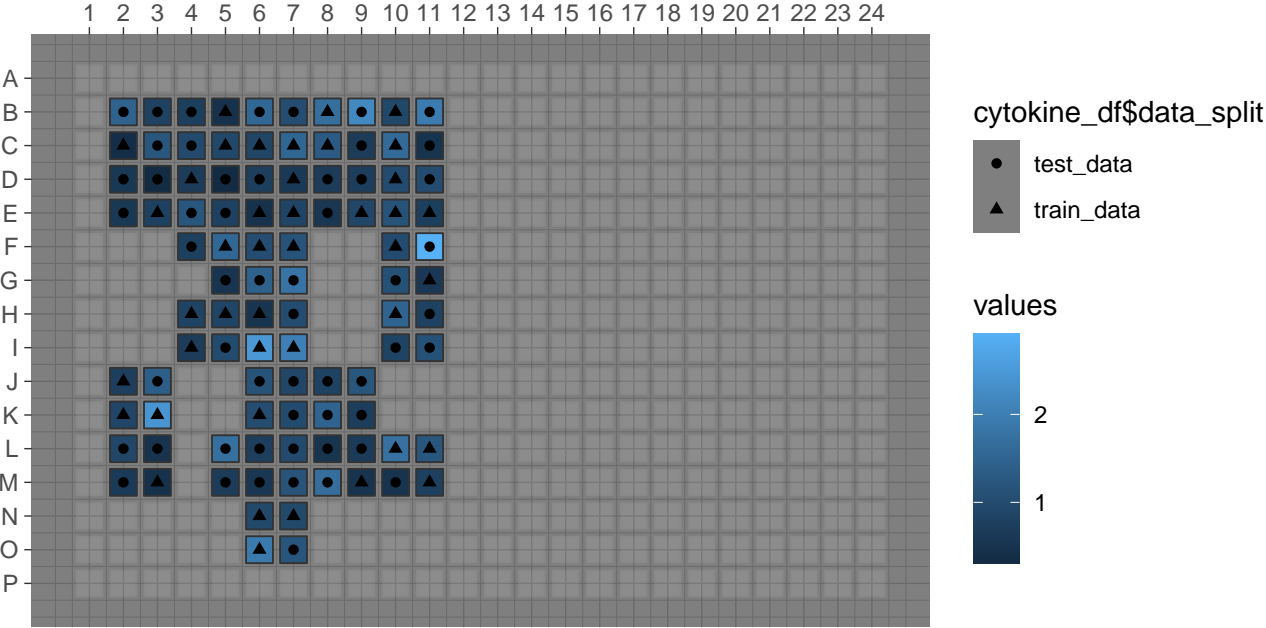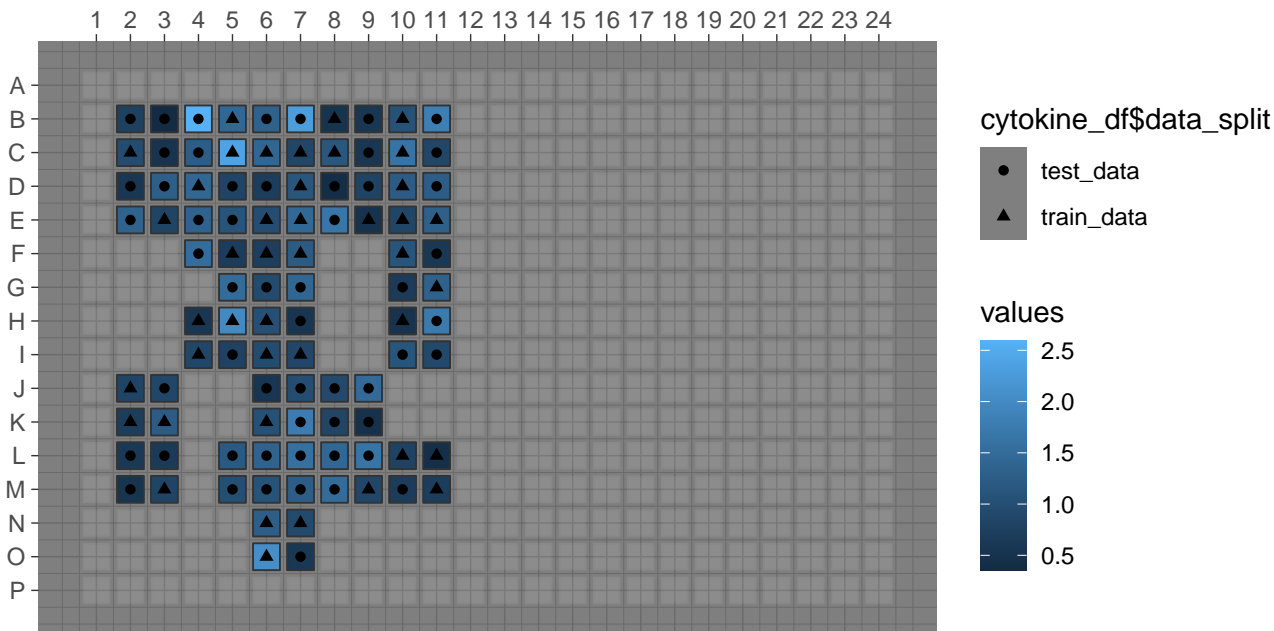Predictive Performance of PLGF per Well (Shuffled_baseline model)

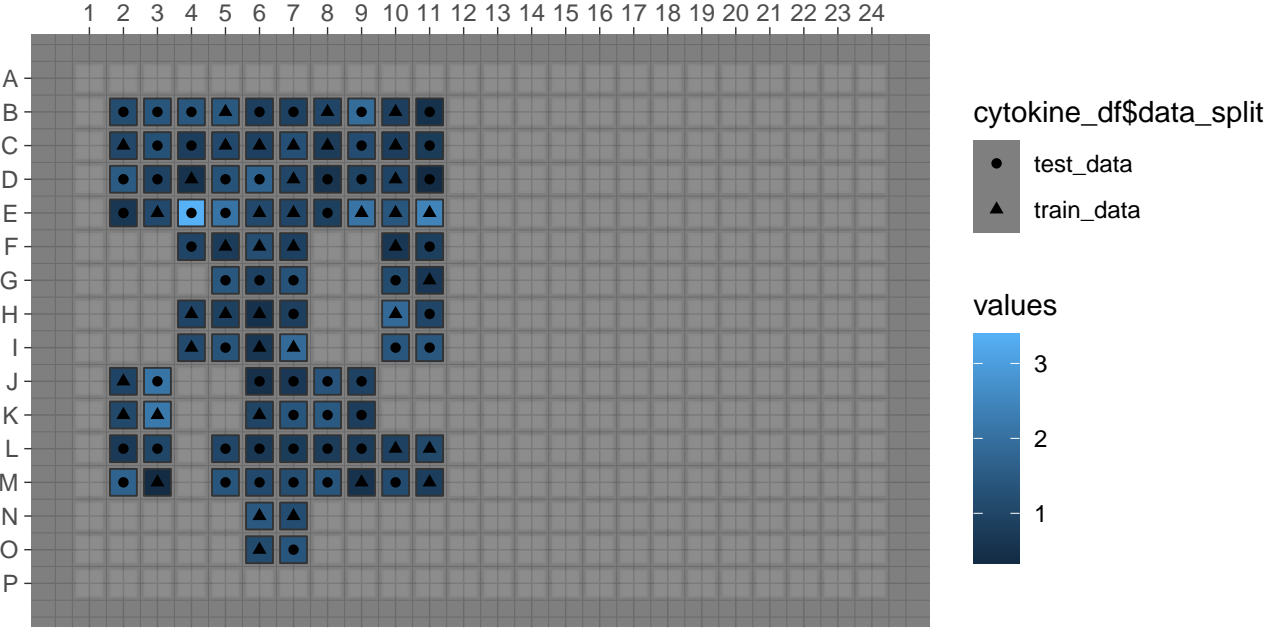Predictive Performance of AITRL(GITRLigand) per Well (Shuffled_baseline model)

Predictive Performance of VEGF−D per Well (Shuffled_baseline model)

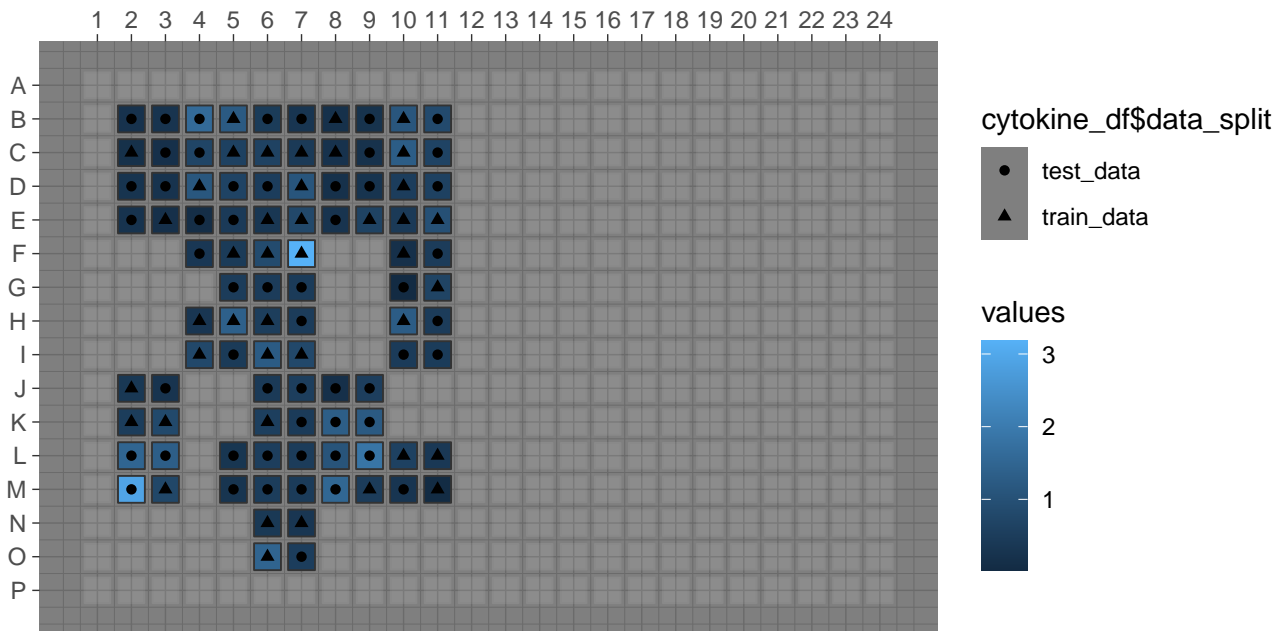Predictive Performance of CTF per Well (Shuffled_baseline model)

Predictive Performance of ICAM−2 per Well (Shuffled_baseline model)
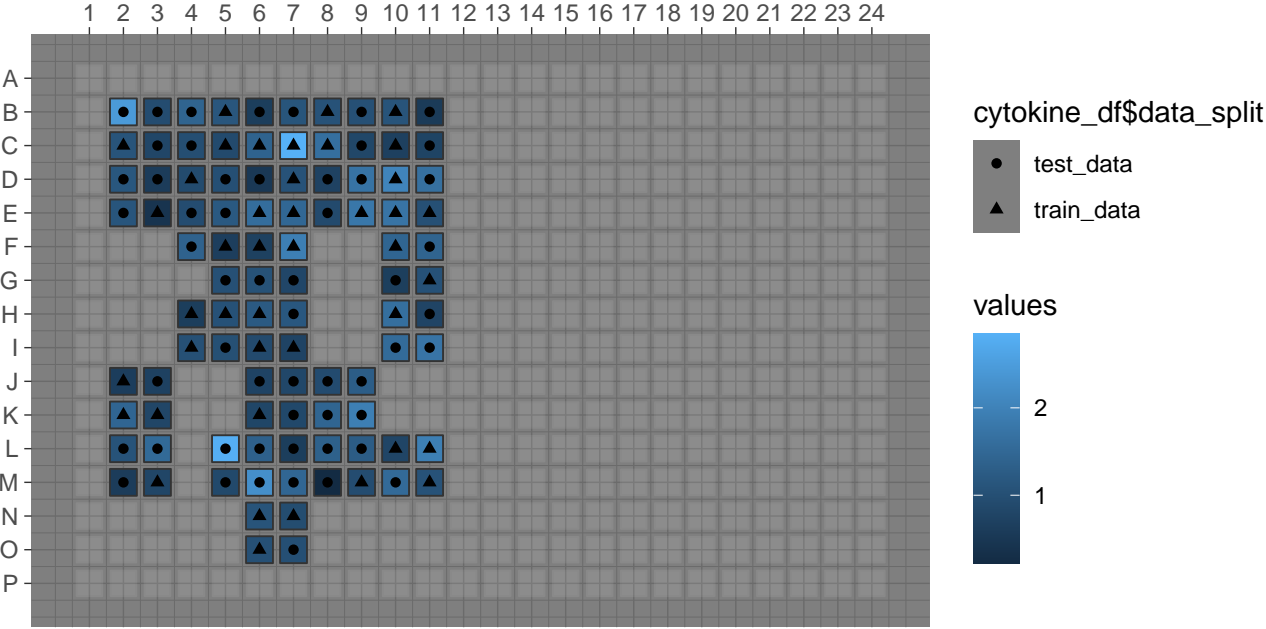
Predictive Performance of IL−17C per Well (Shuffled_baseline model)
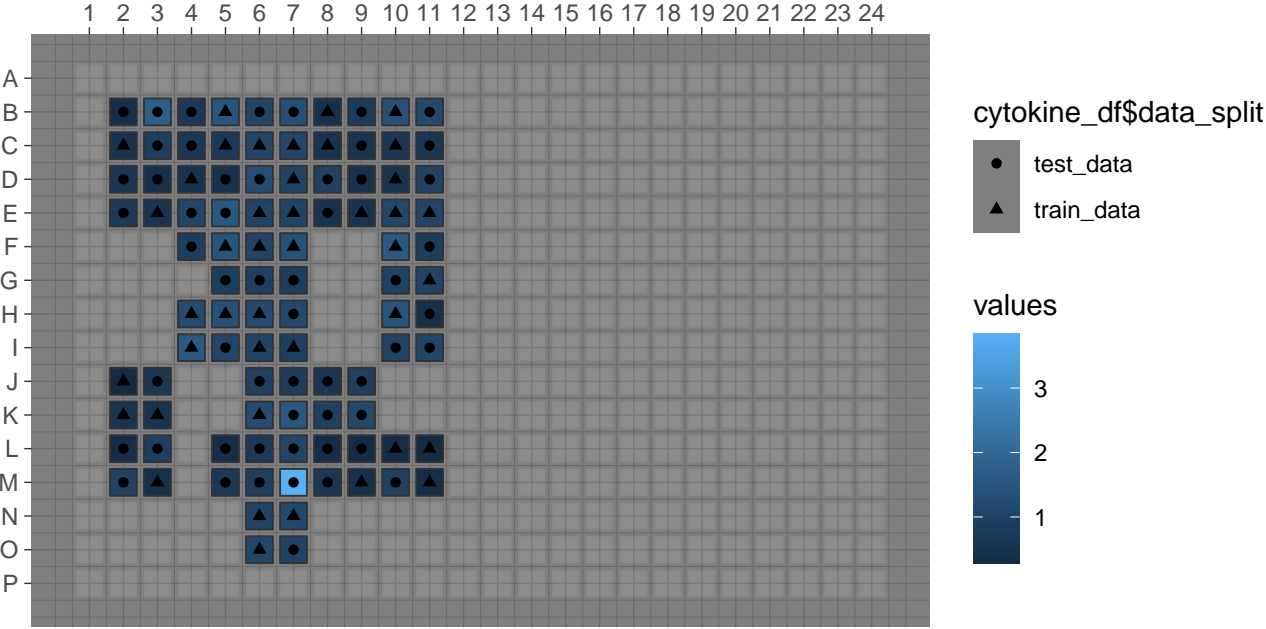
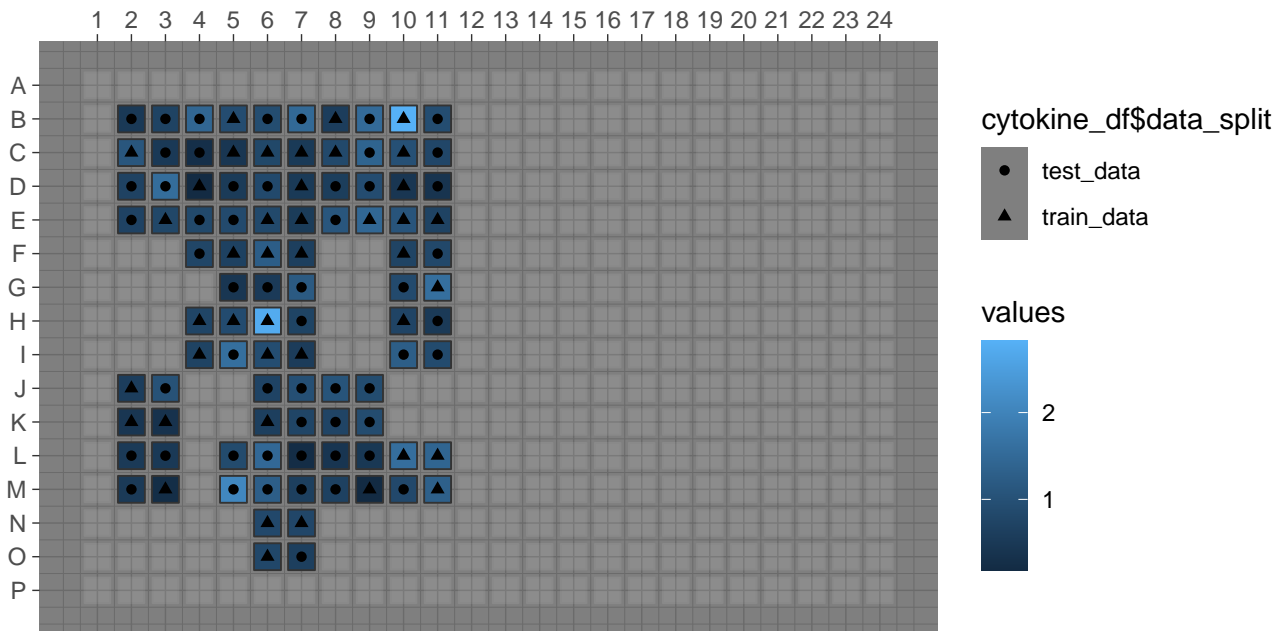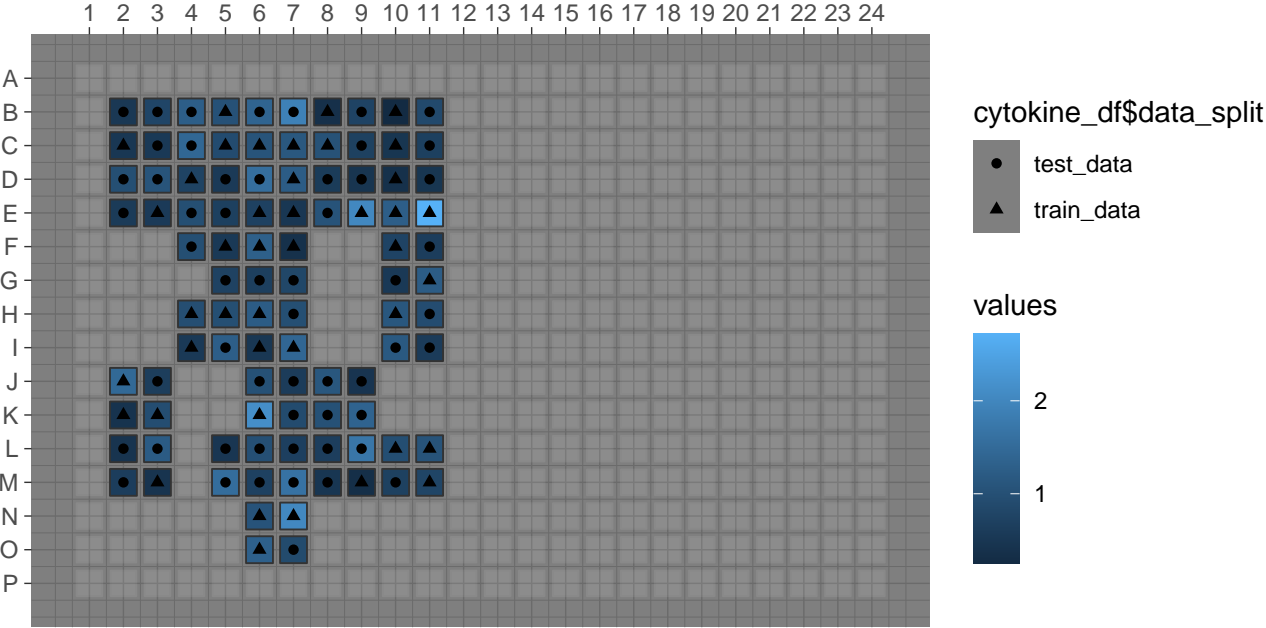Predictive Performance of IL−22 per Well (Shuffled_baseline model)

Predictive Performance of IL−4 per Well (Shuffled_baseline model)

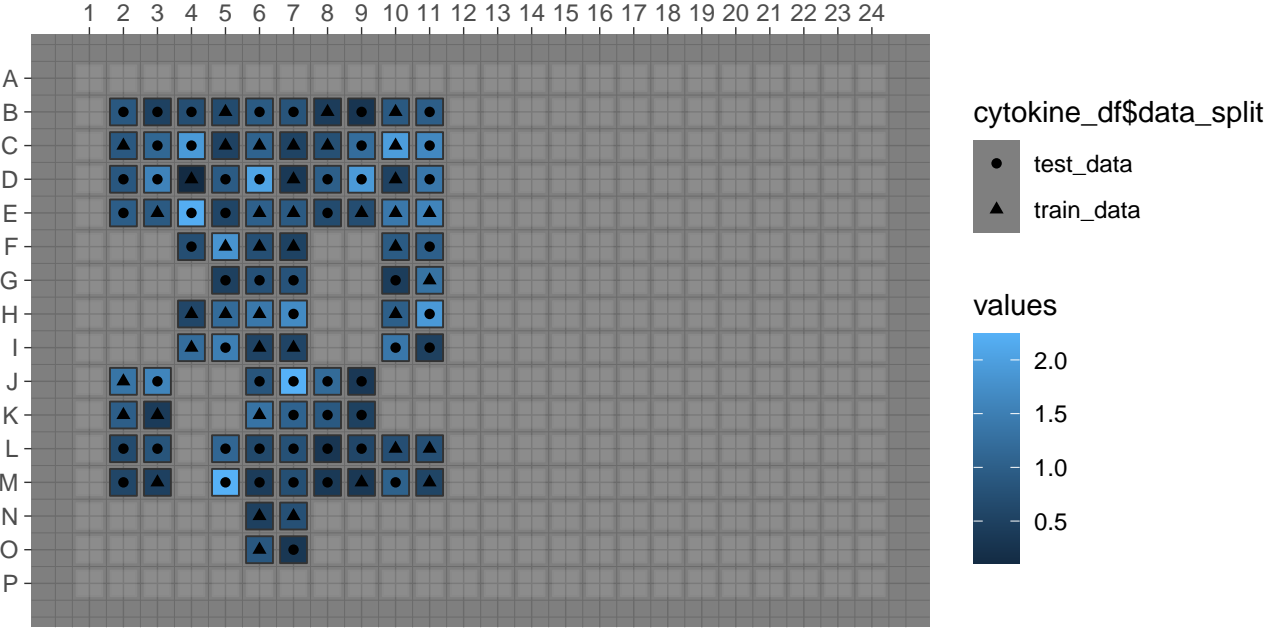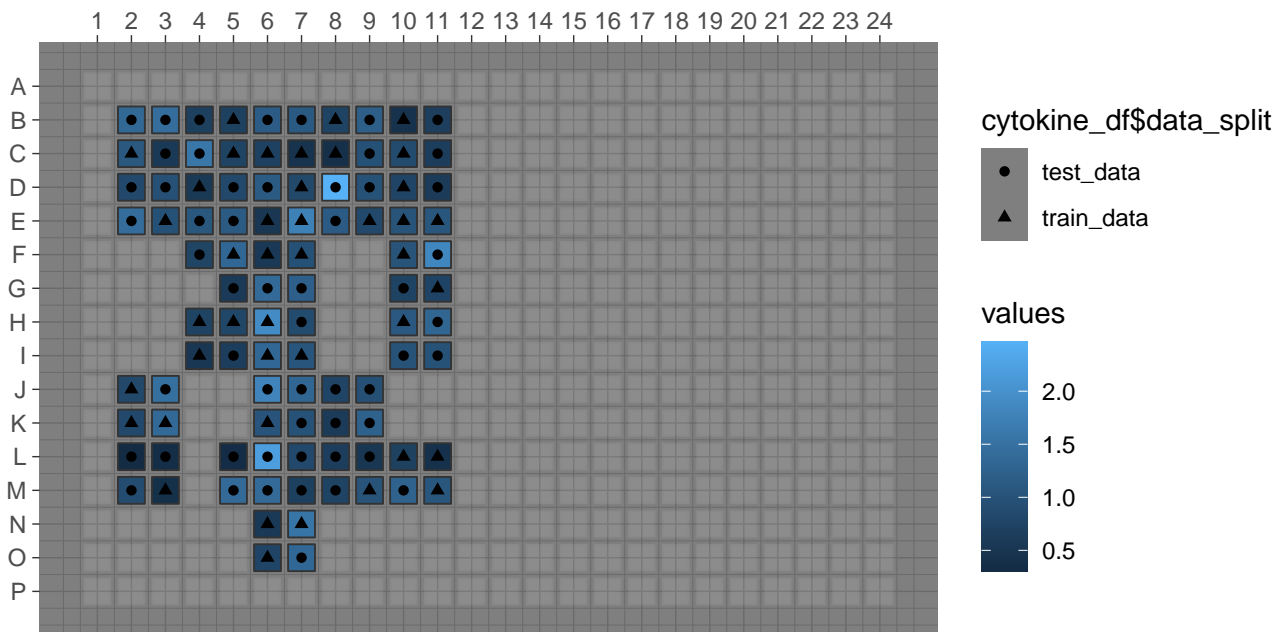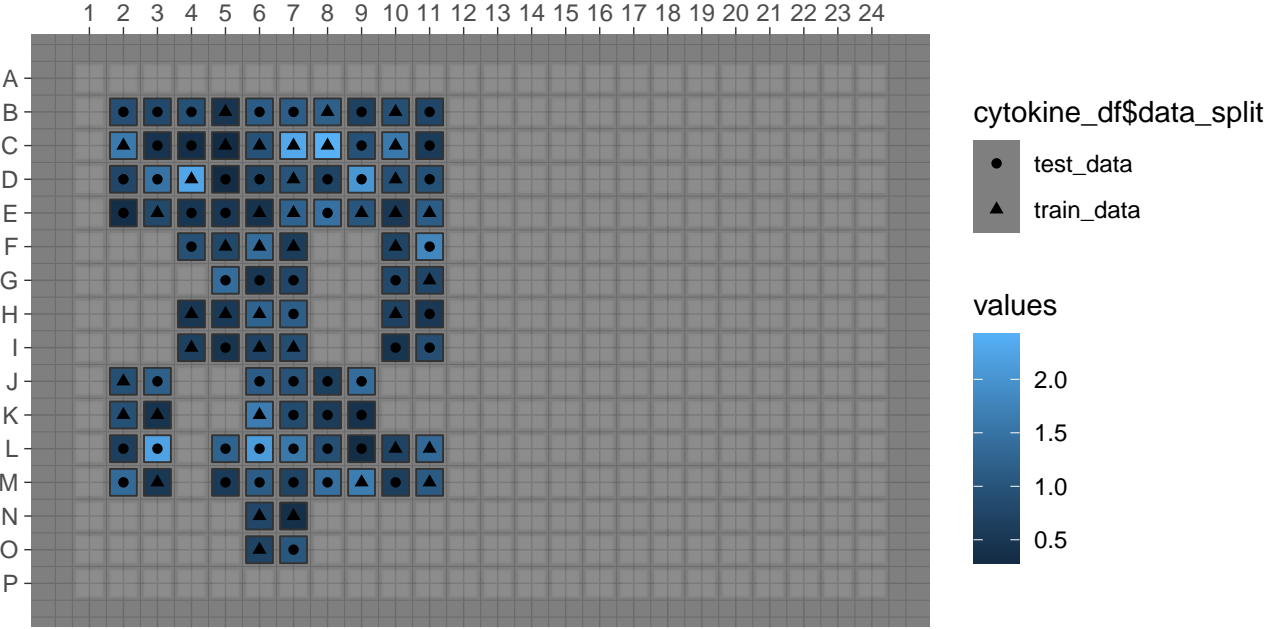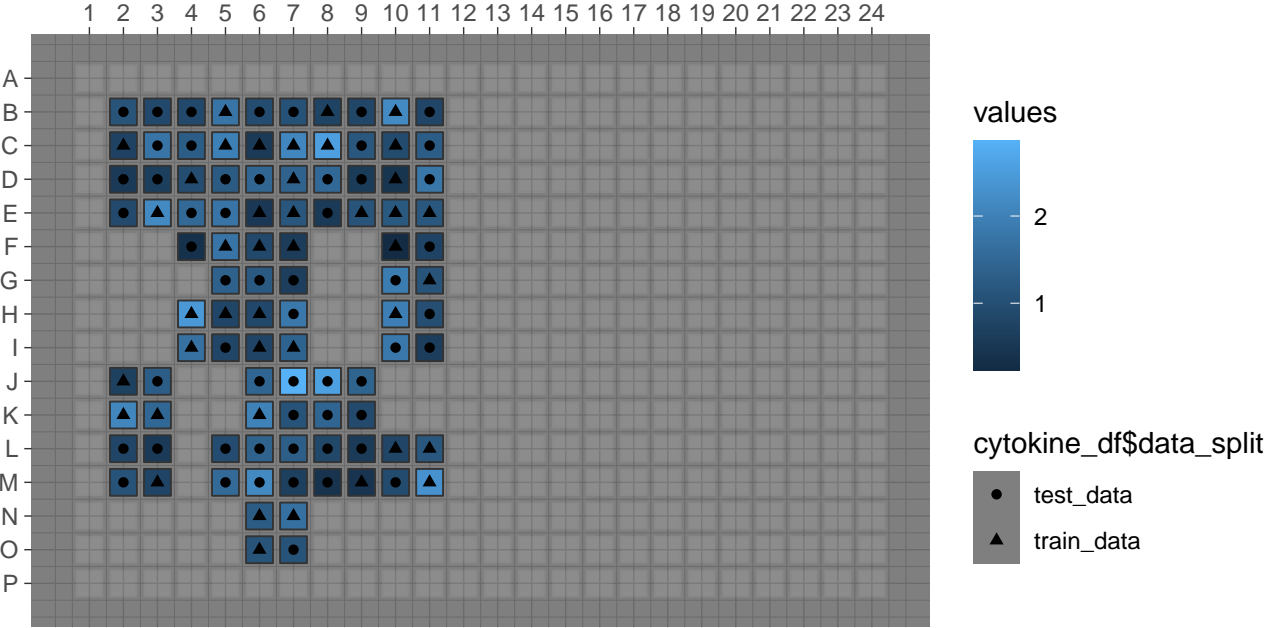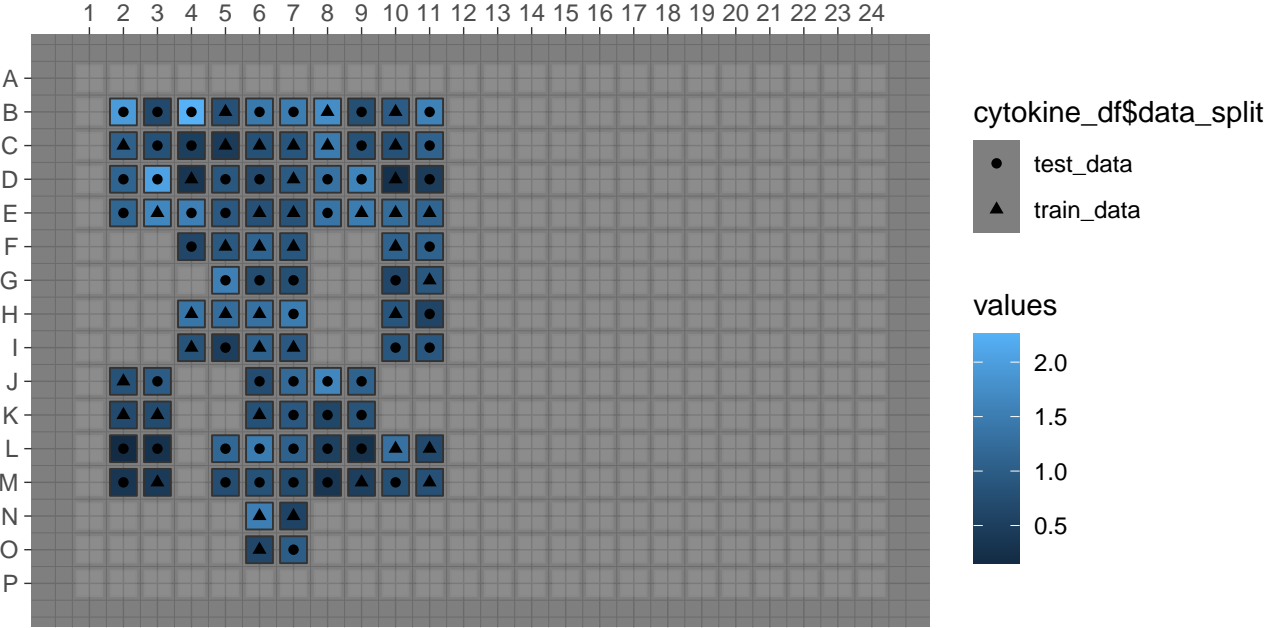Predictive Performance of IL−6 per Well (Shuffled_baseline model)

Predictive Performance of TFalpha per Well (Shuffled_baseline model)

Predictive Performance of BCMA(TFRF17) per Well (Shuffled_baseline model)

Predictive Performance of Calbindin per Well (Shuffled_baseline model)

Predictive Performance of IF−epsilon per Well (Shuffled_baseline model)
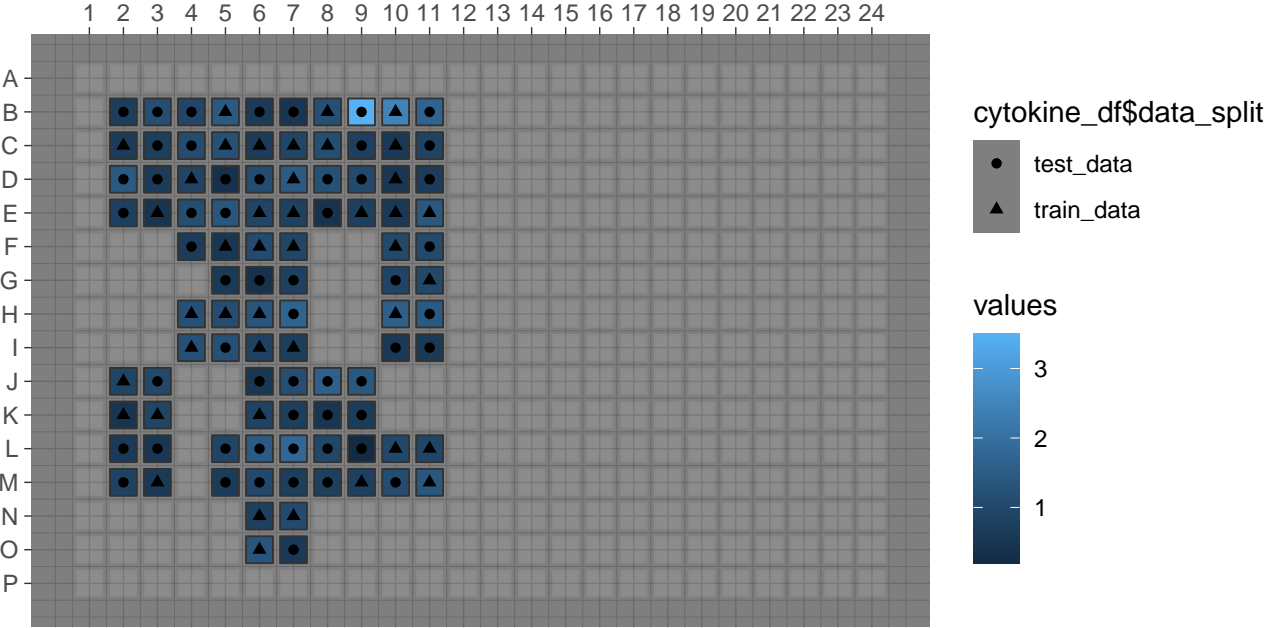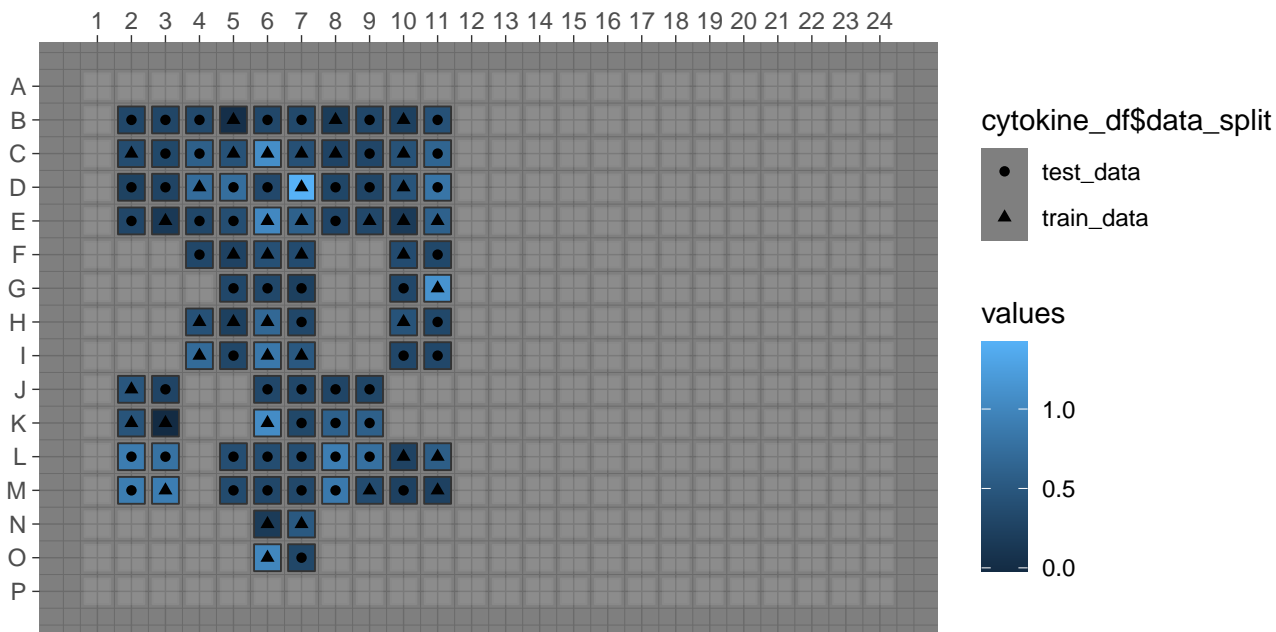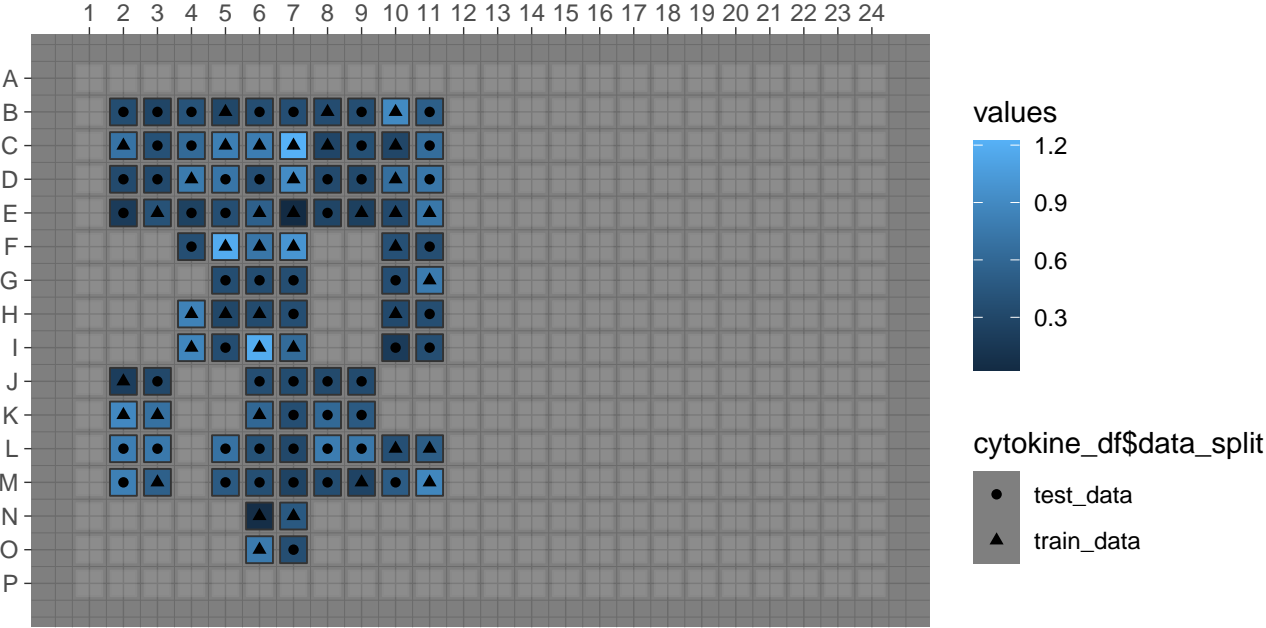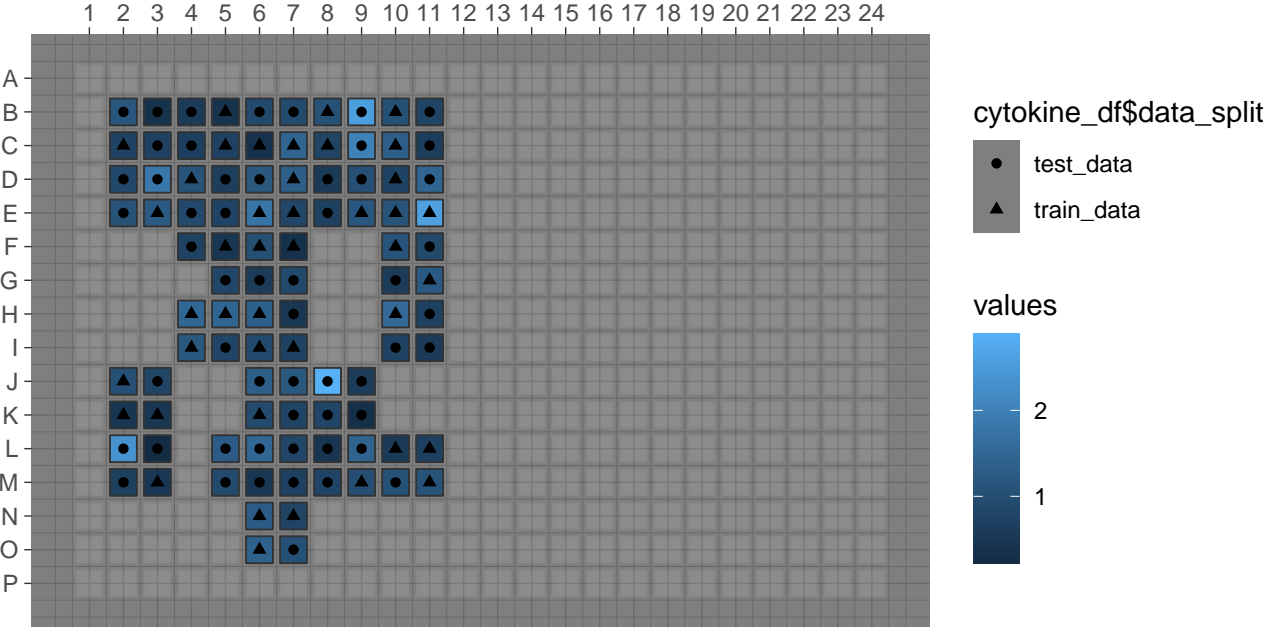
Predictive Performance of IL−8 per Well (Shuffled_baseline model)

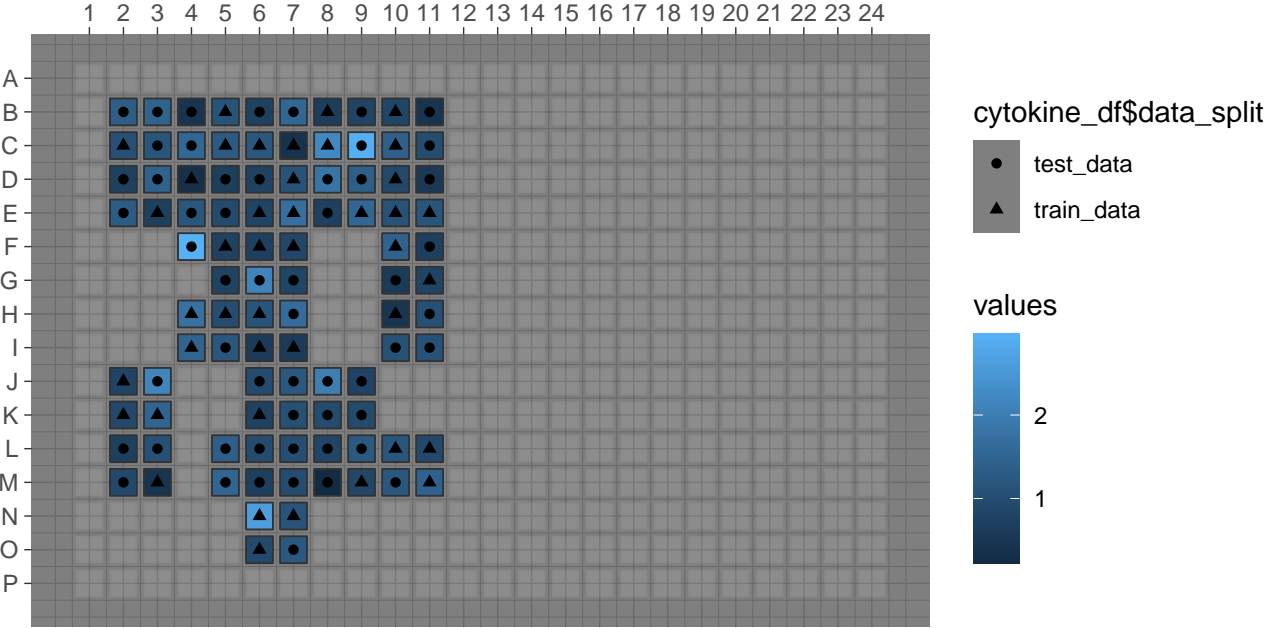Predictive Performance of IFgamma per Well (Shuffled_baseline model)

Predictive Performance of CCL28 per Well (Shuffled_baseline model)

Predictive Performance of GDF-11(BMP-11) per Well (Shuffled_baseline model)

Predictive Performance of CRP per Well (Shuffled_baseline model)

Predictive Performance of VEGFReceptor2(Flk−1) per Well (Shuffled_baseline mo...

Predictive Performance of IL−1RA_R per Well (Shuffled_baseline model)

Predictive Performance of EMMPRI per Well (Shuffled_baseline model)

Predictive Performance of CCL7 per Well (Shuffled_baseline model)

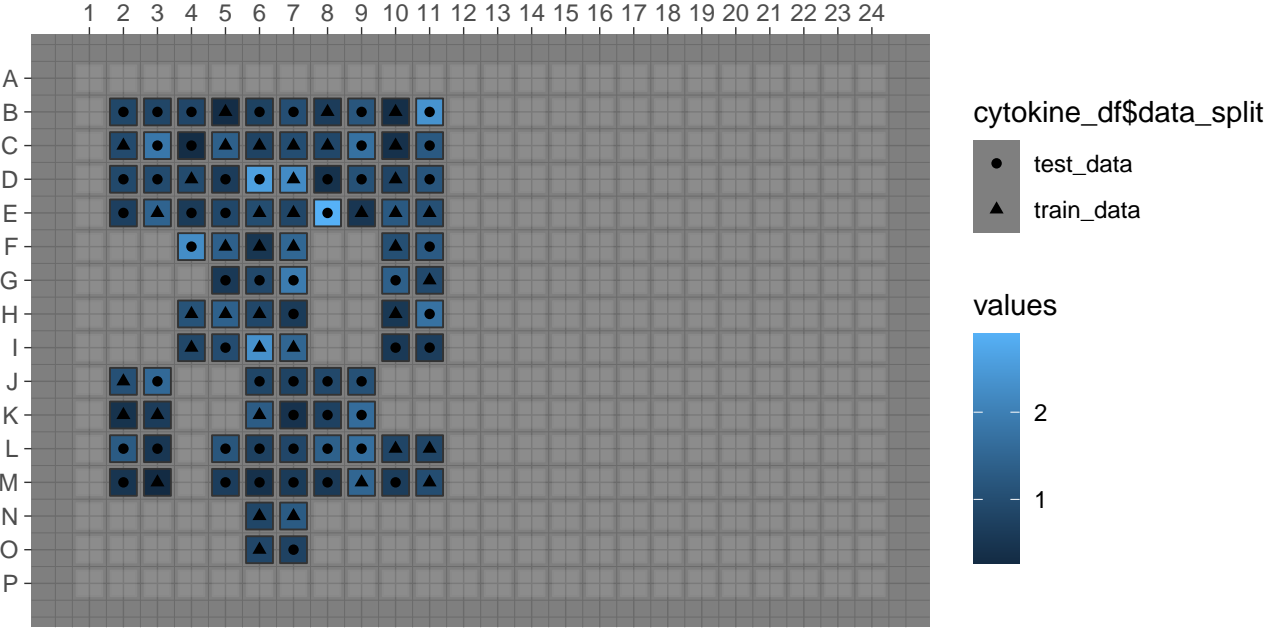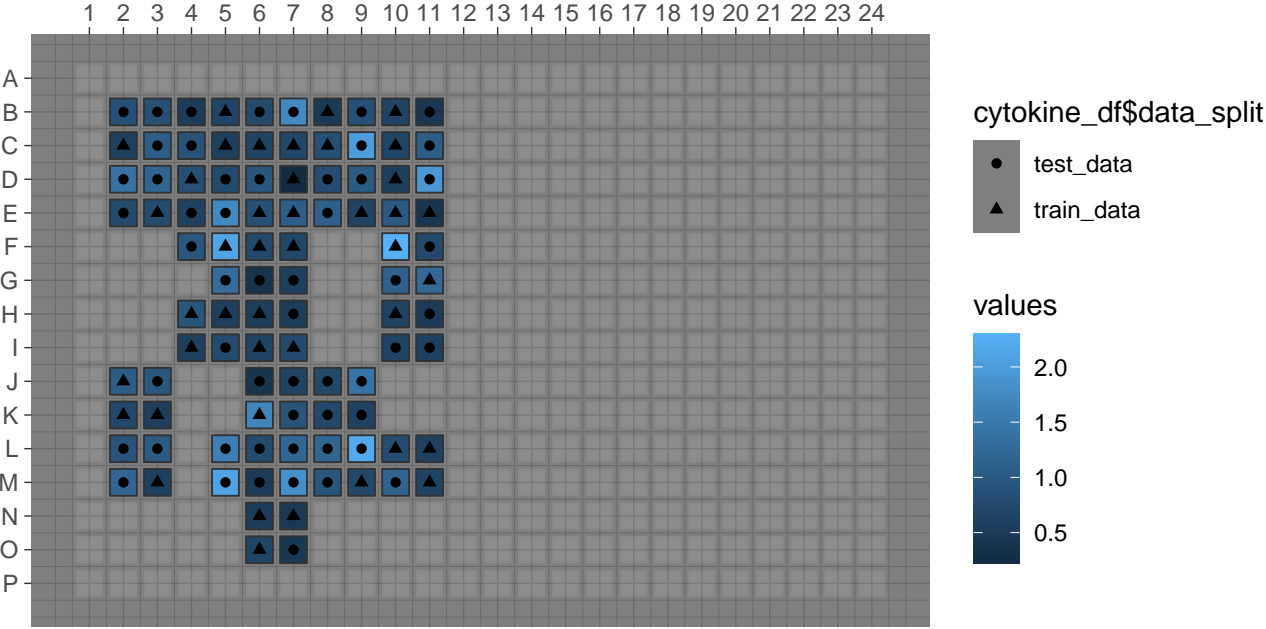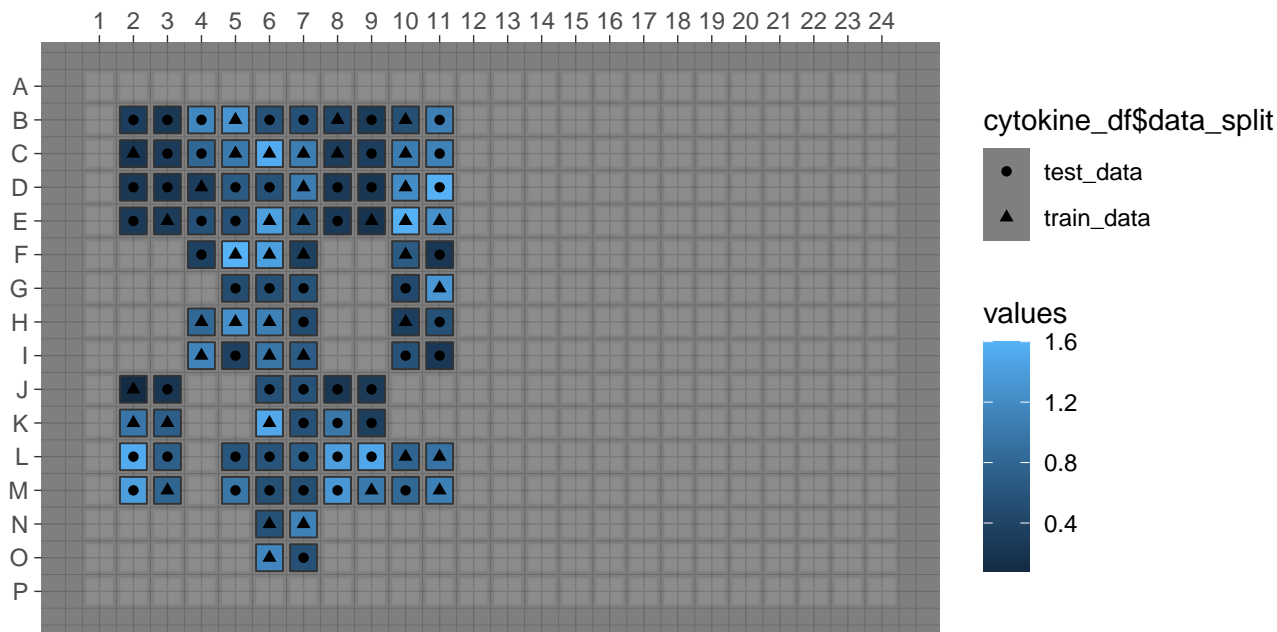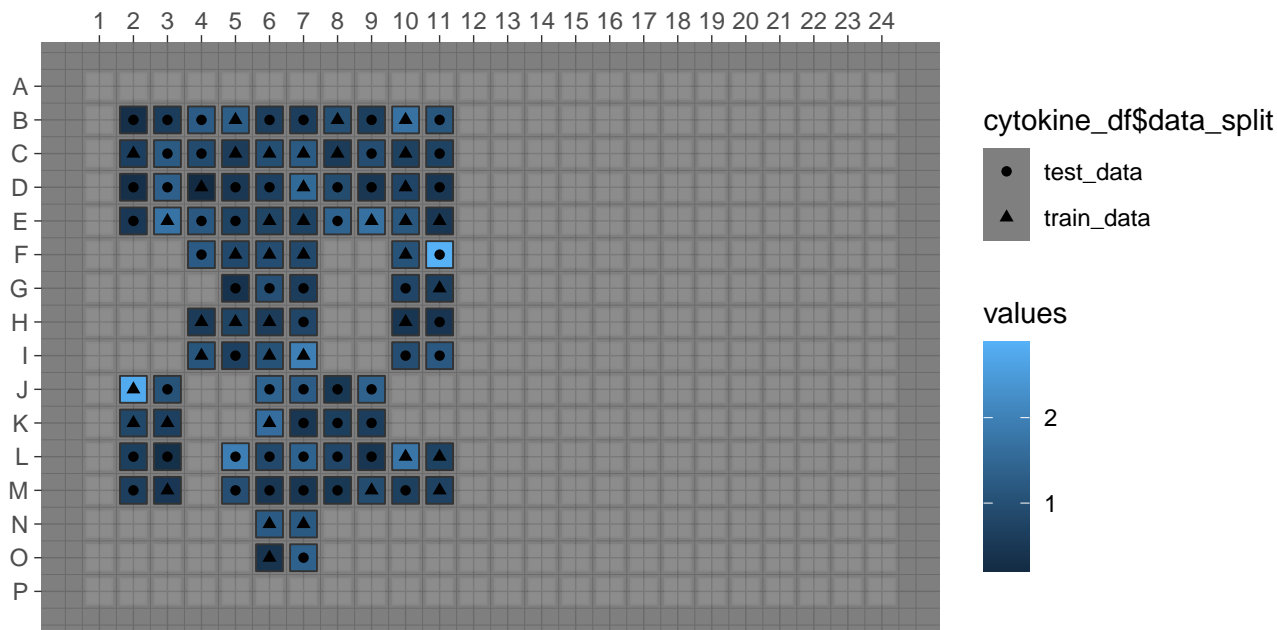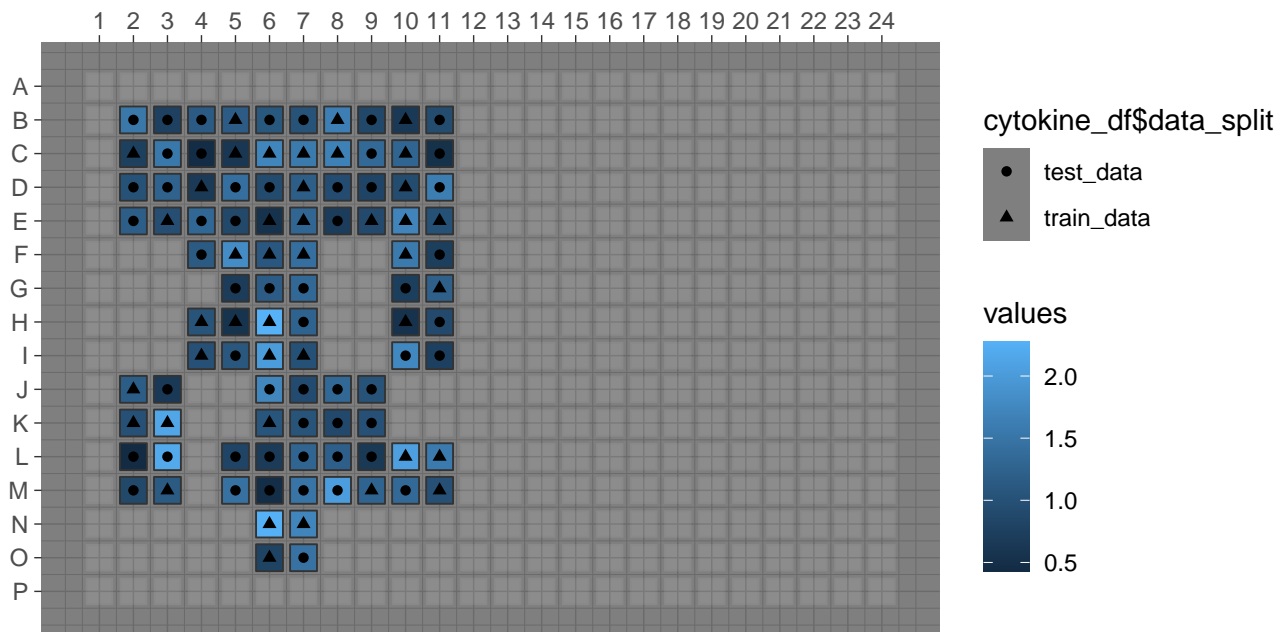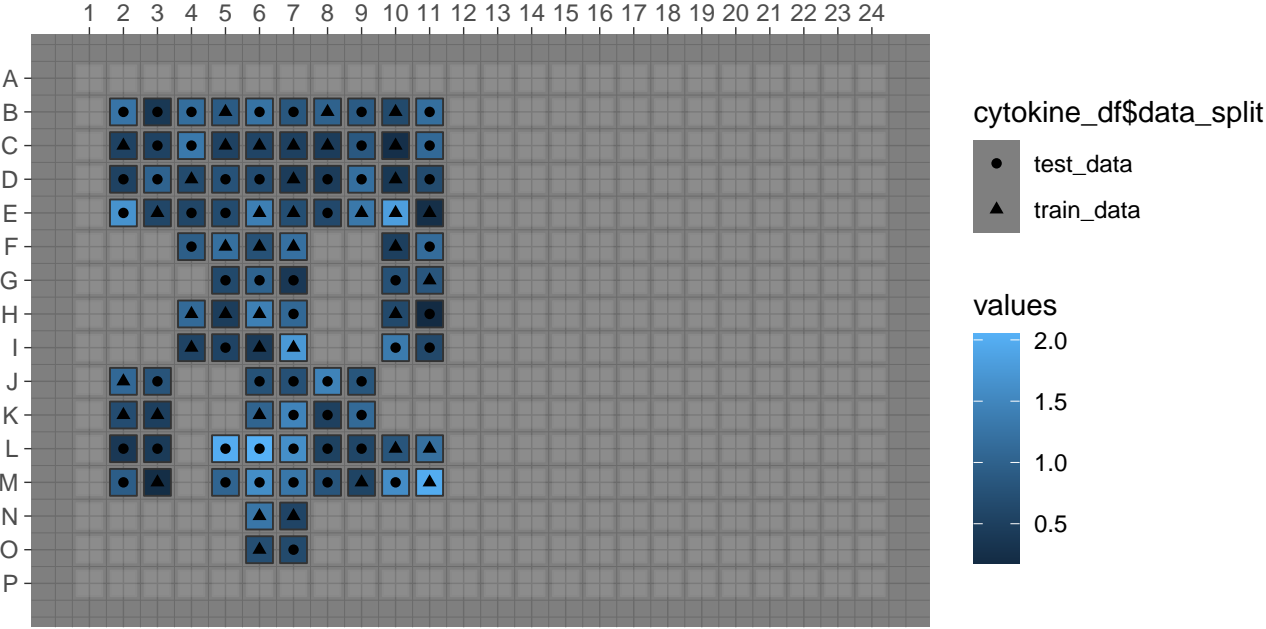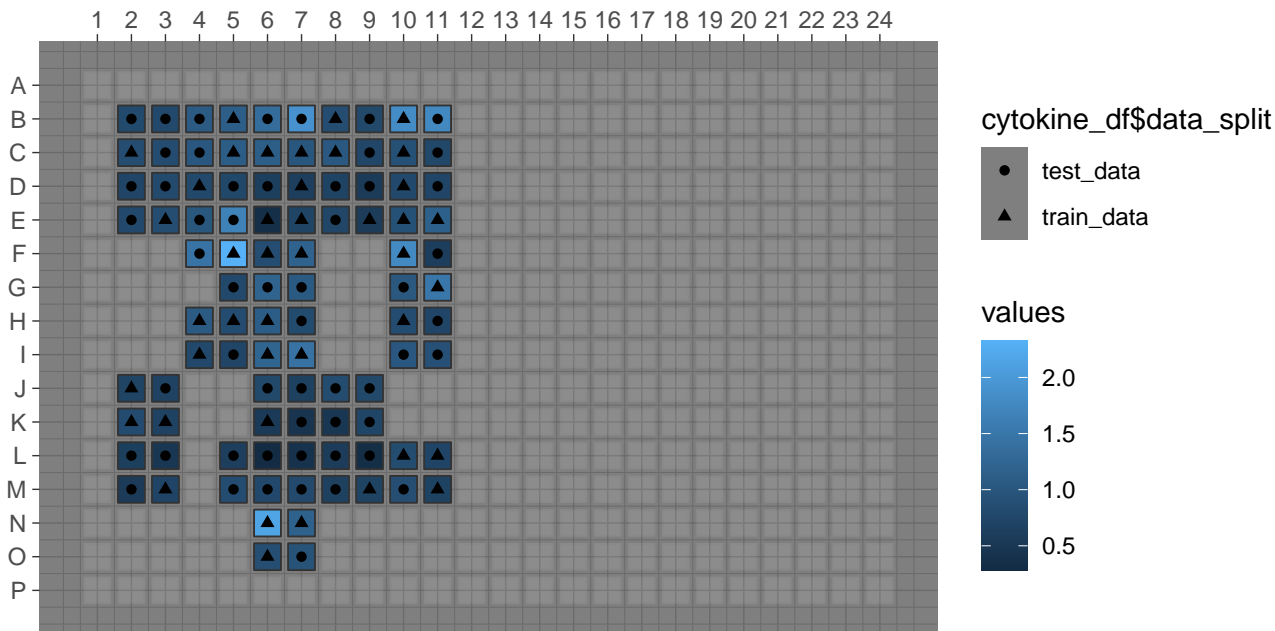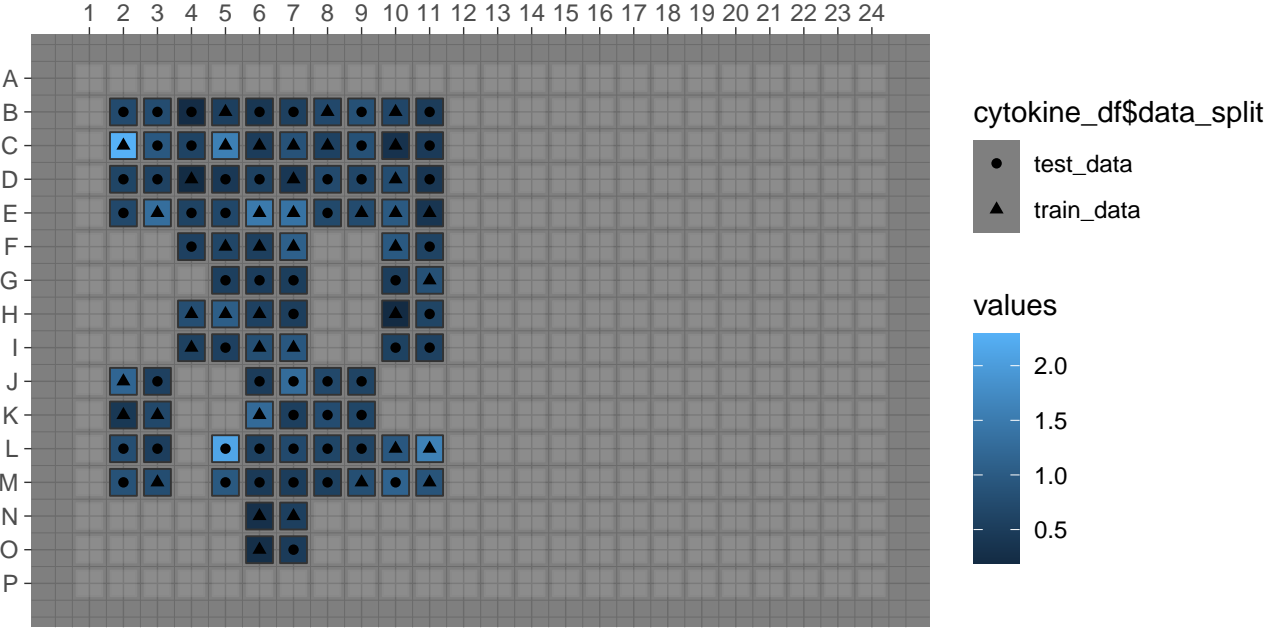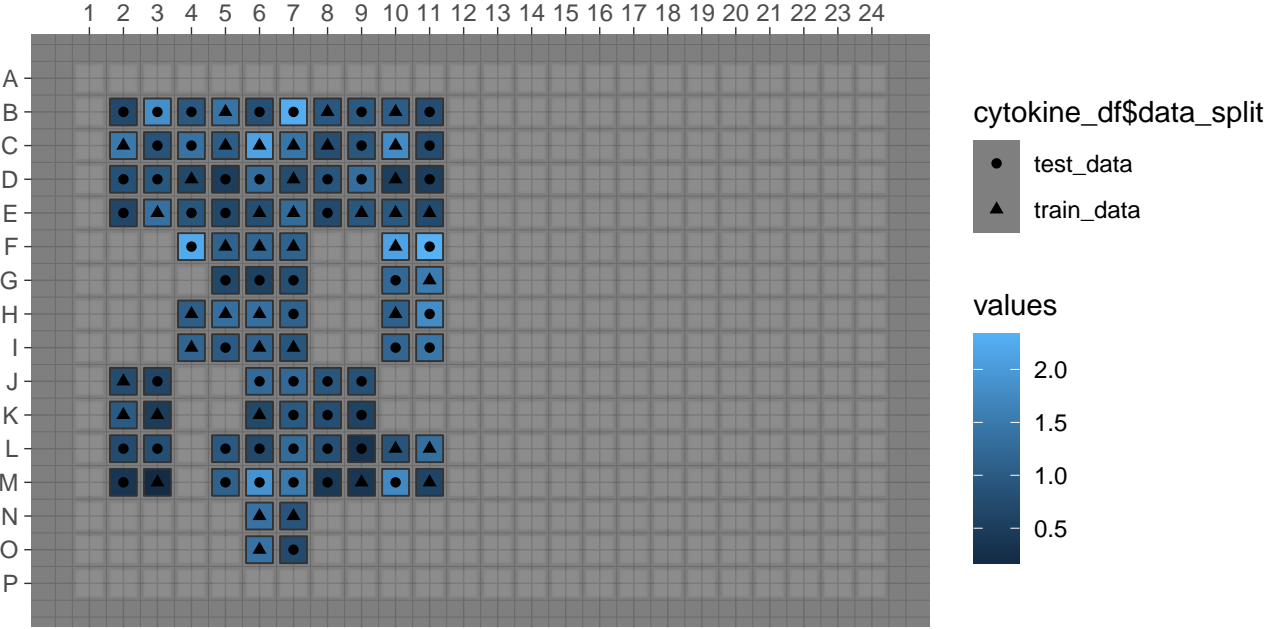Predictive Performance of BMP3 per Well (Shuffled_baseline model)

Predictive Performance of HGF per Well (Shuffled_baseline model)

Predictive Performance of IL−27 per Well (Shuffled_baseline model)

Predictive Performance of VCAM−1 per Well (Shuffled_baseline model)

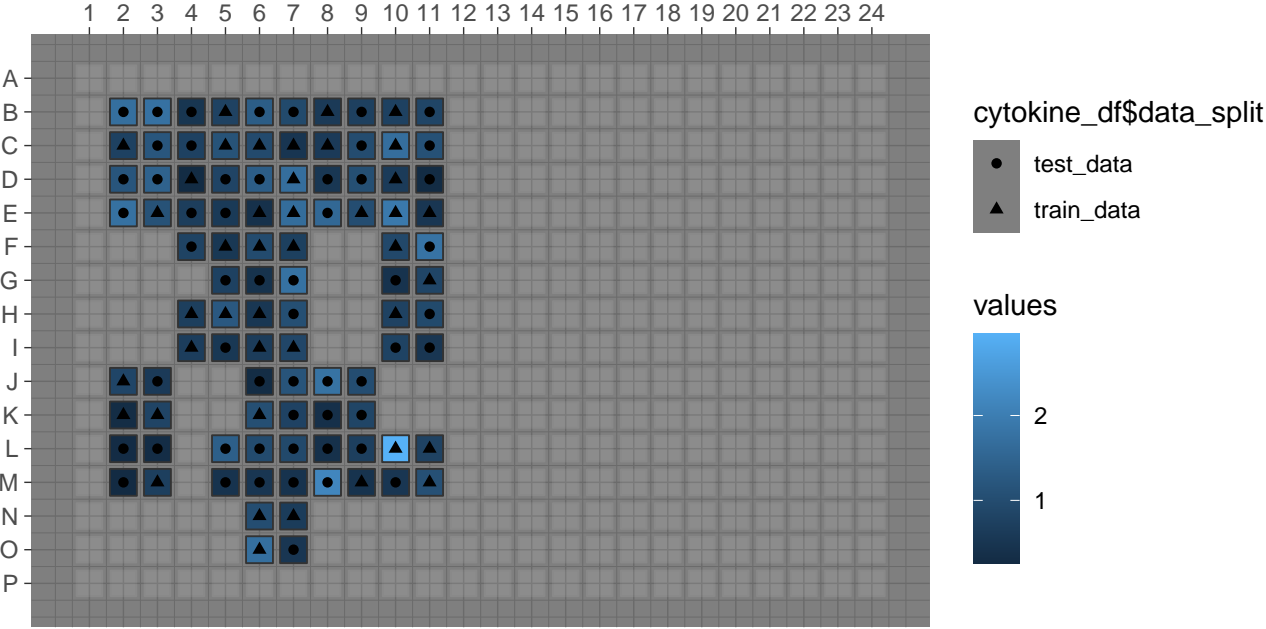Predictive Performance of CD40L per Well (Shuffled_baseline model)

Predictive Performance of IGF−1 per Well (Shuffled_baseline model)

Predictive Performance of BMP9 per Well (Shuffled_baseline model)

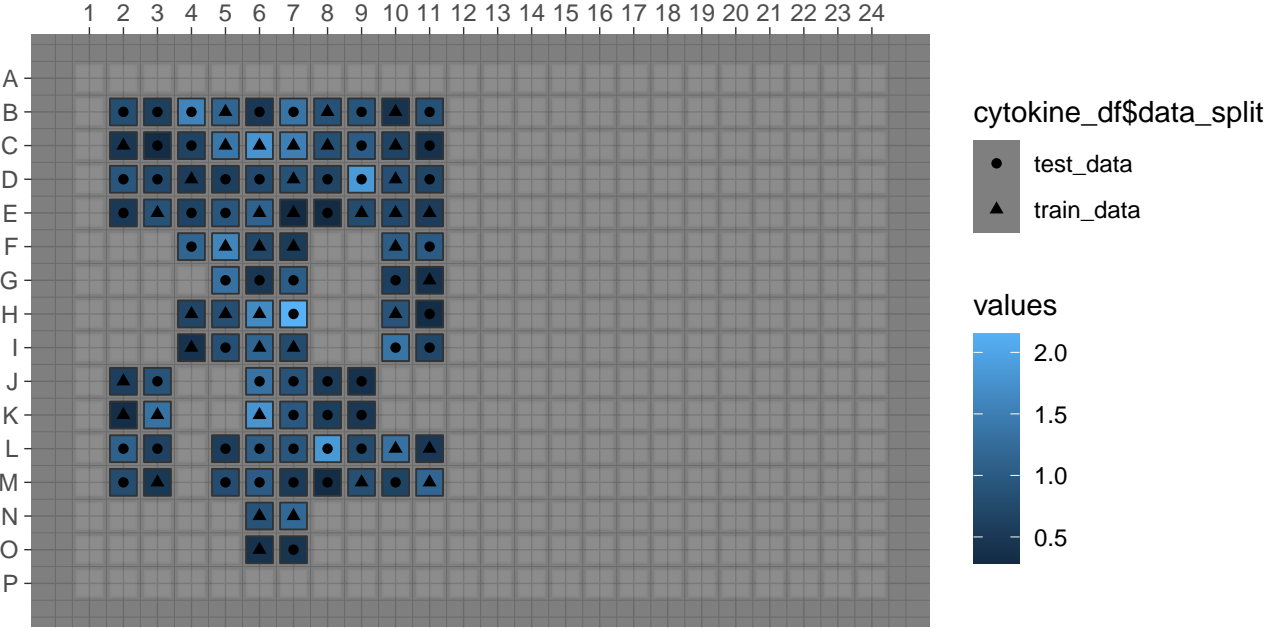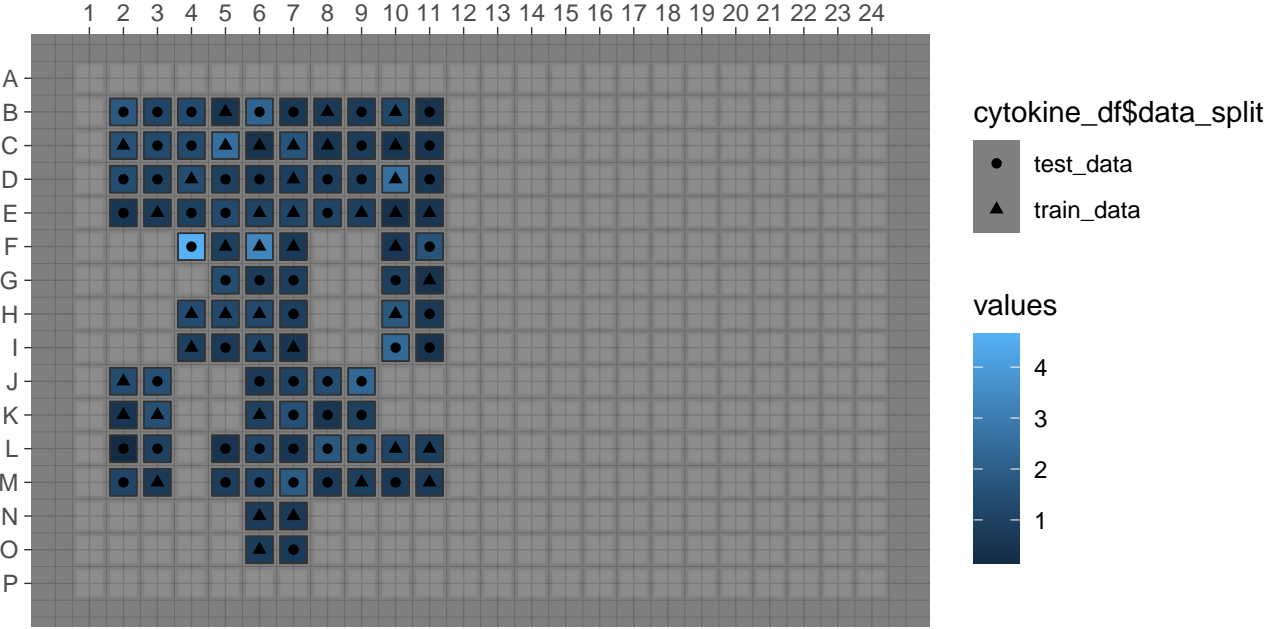Predictive Performance of CXCL12(alpha) per Well (Shuffled_baseline model)

Predictive Performance of F–L per Well (Shuffled_baseline model)

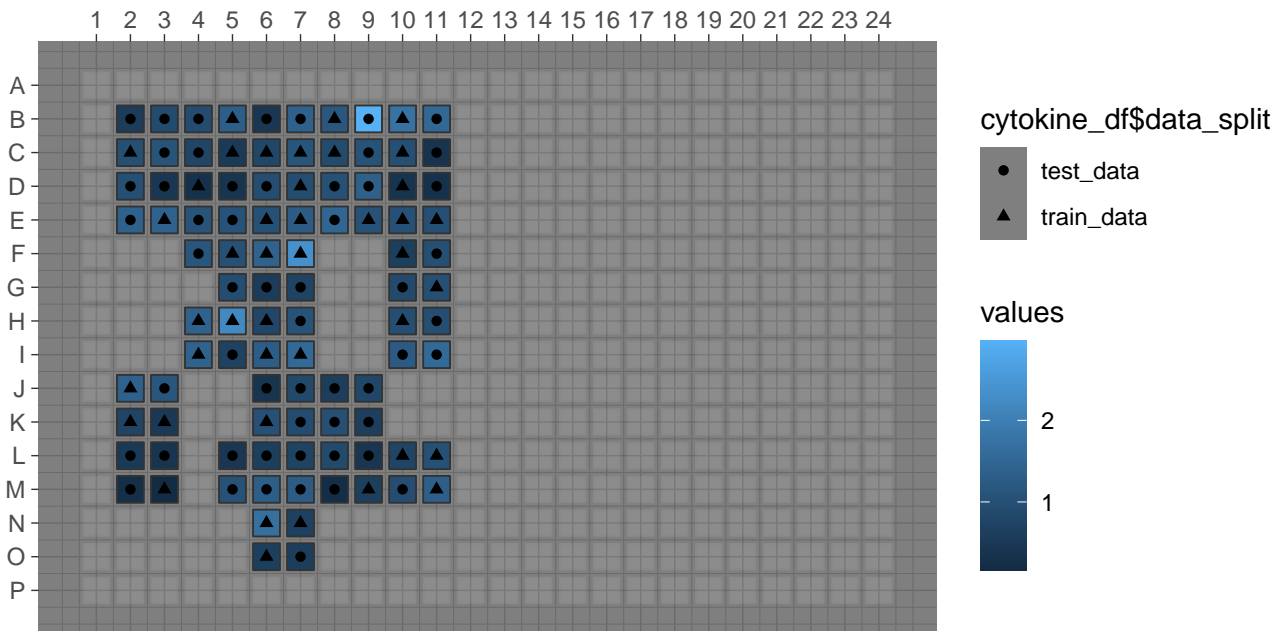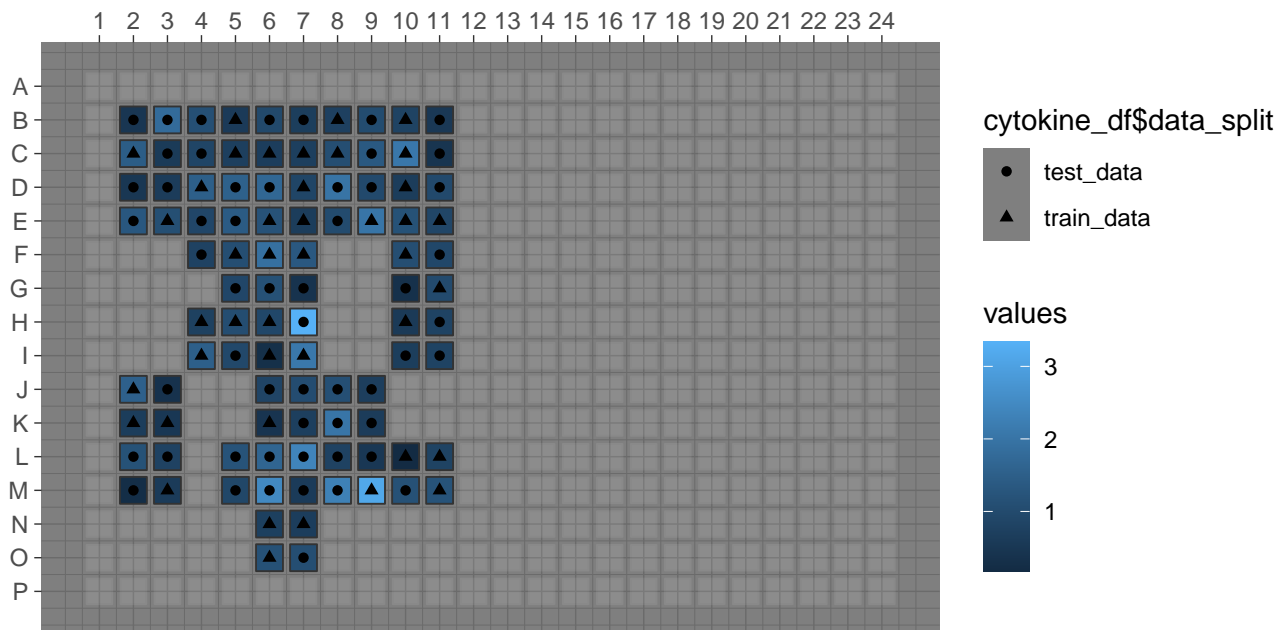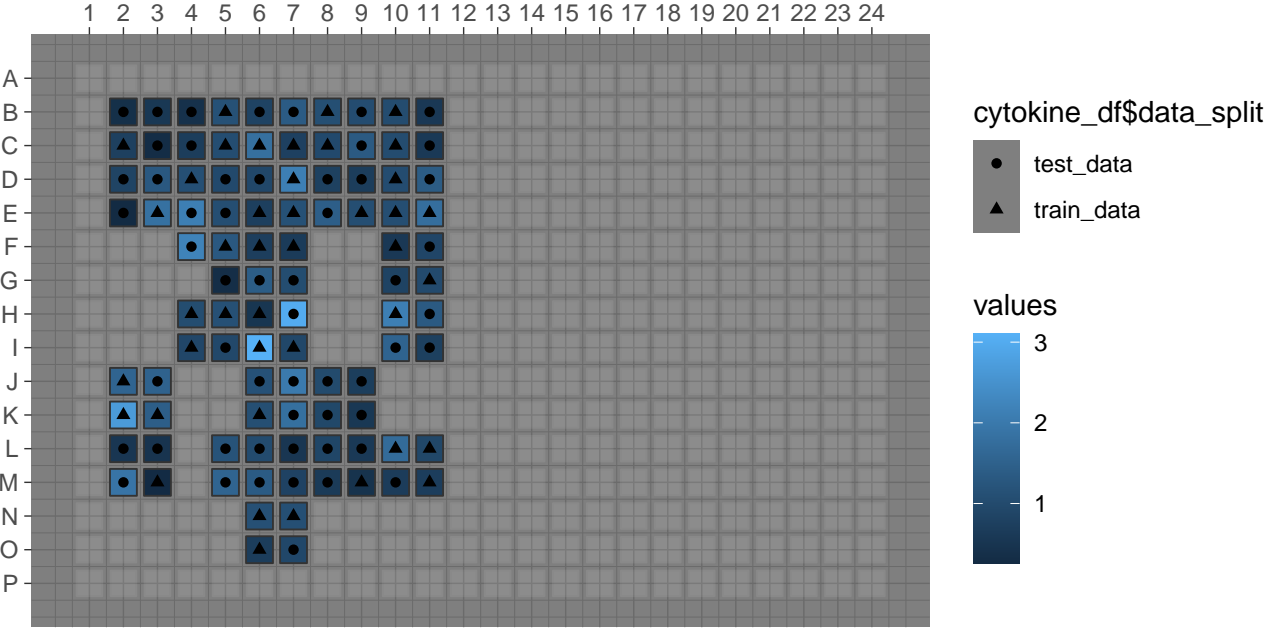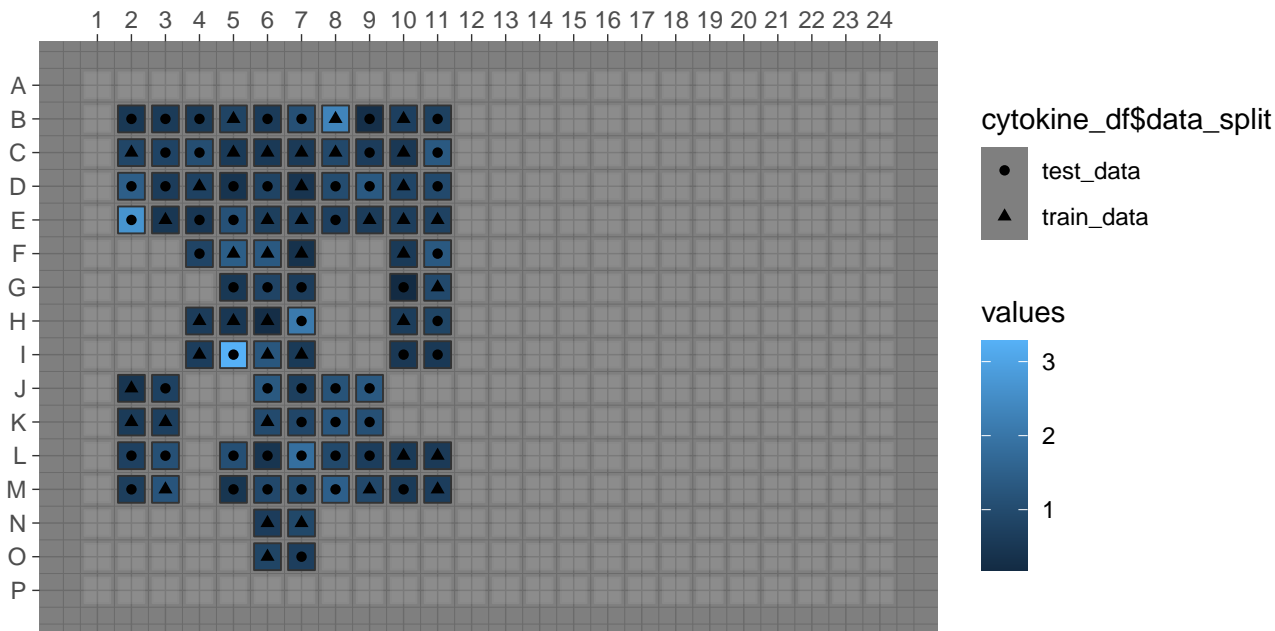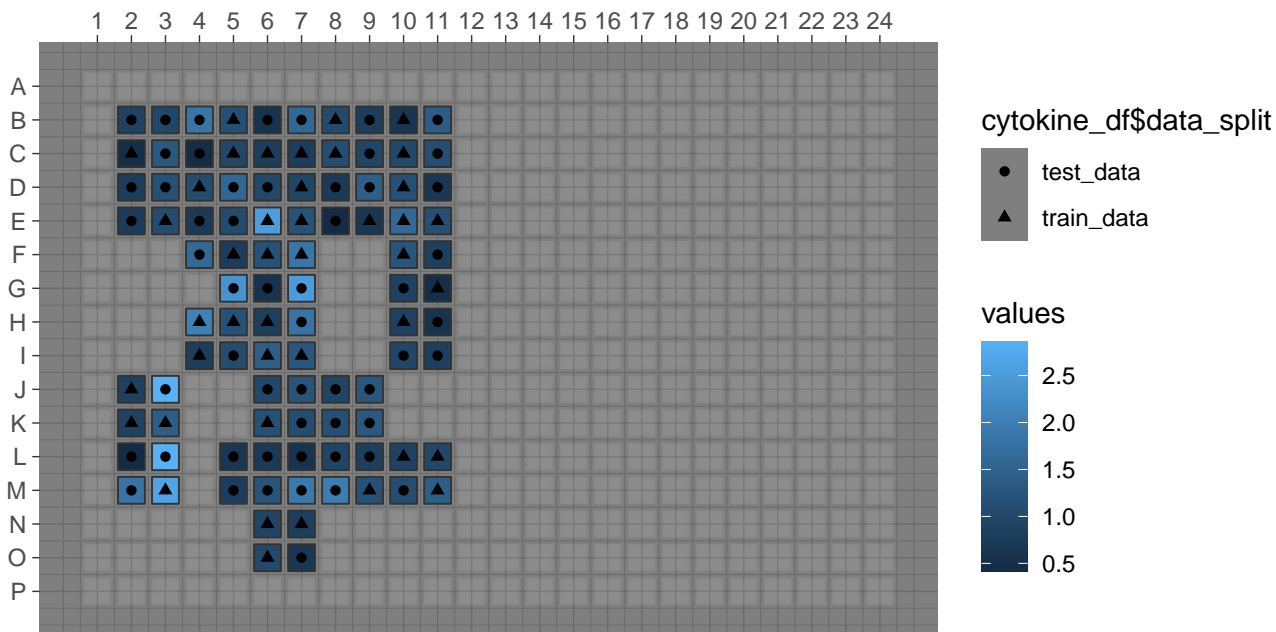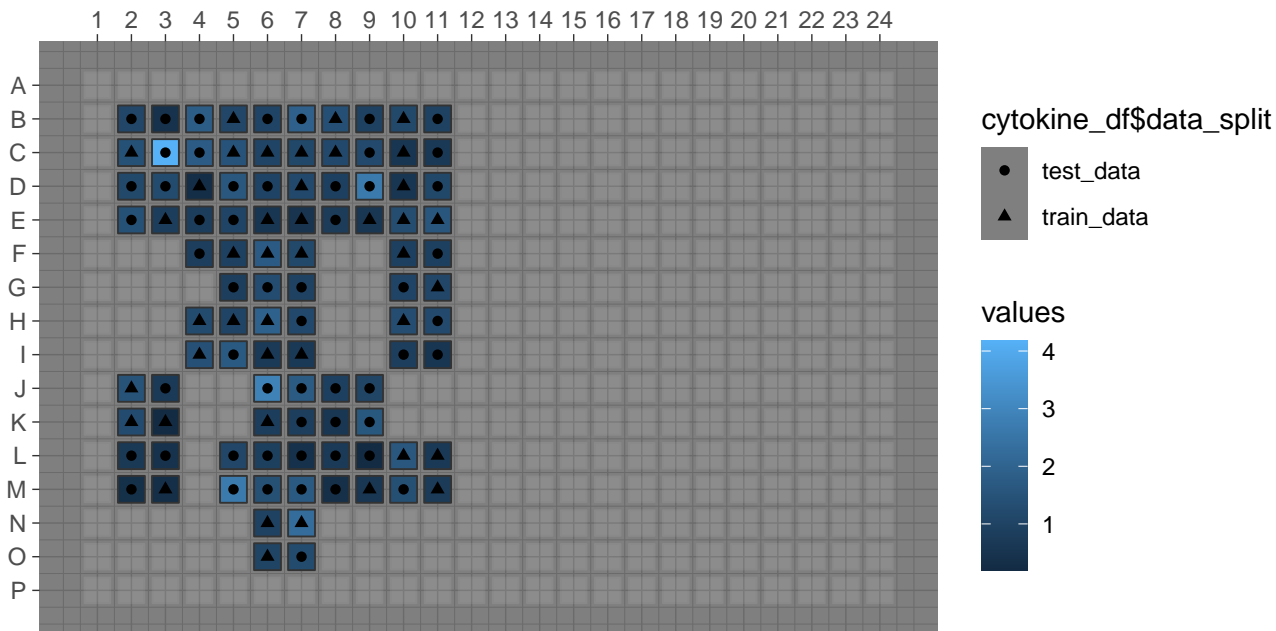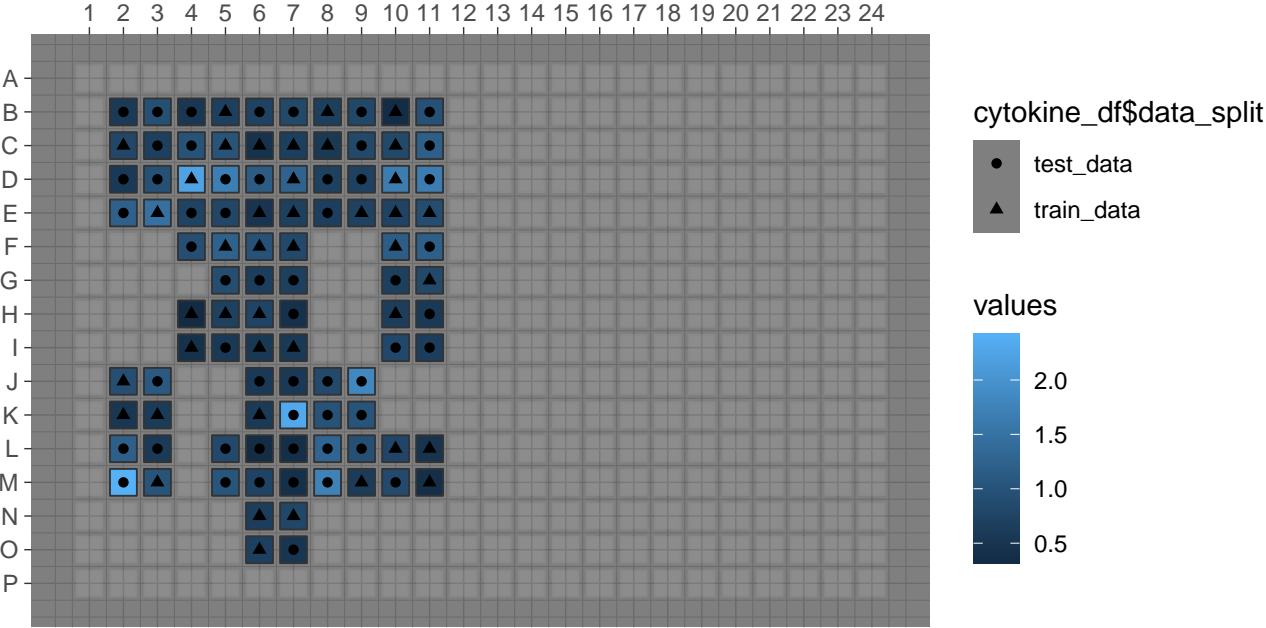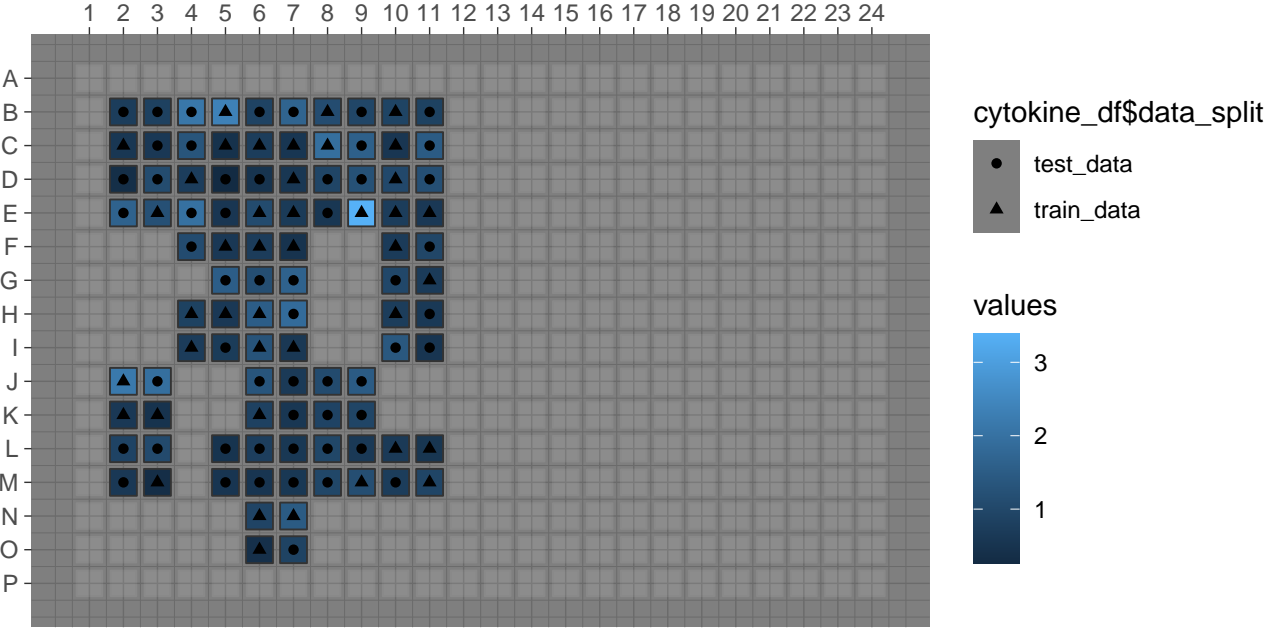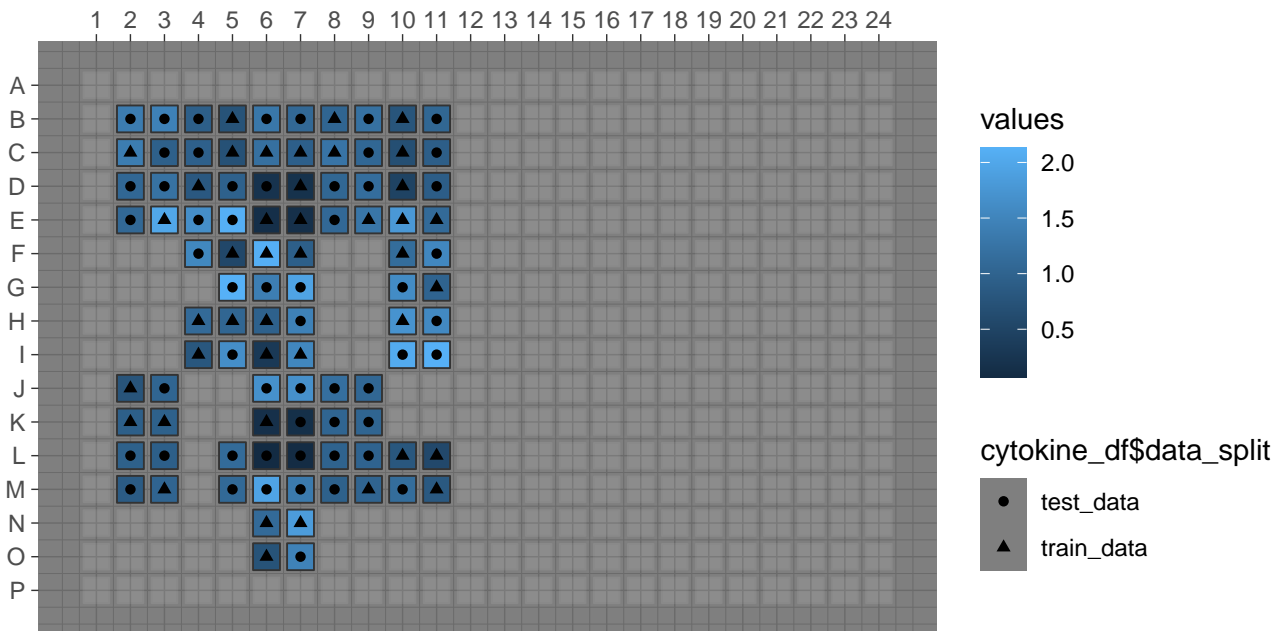Predictive Performance of FA−L per Well (Shuffled_baseline model)

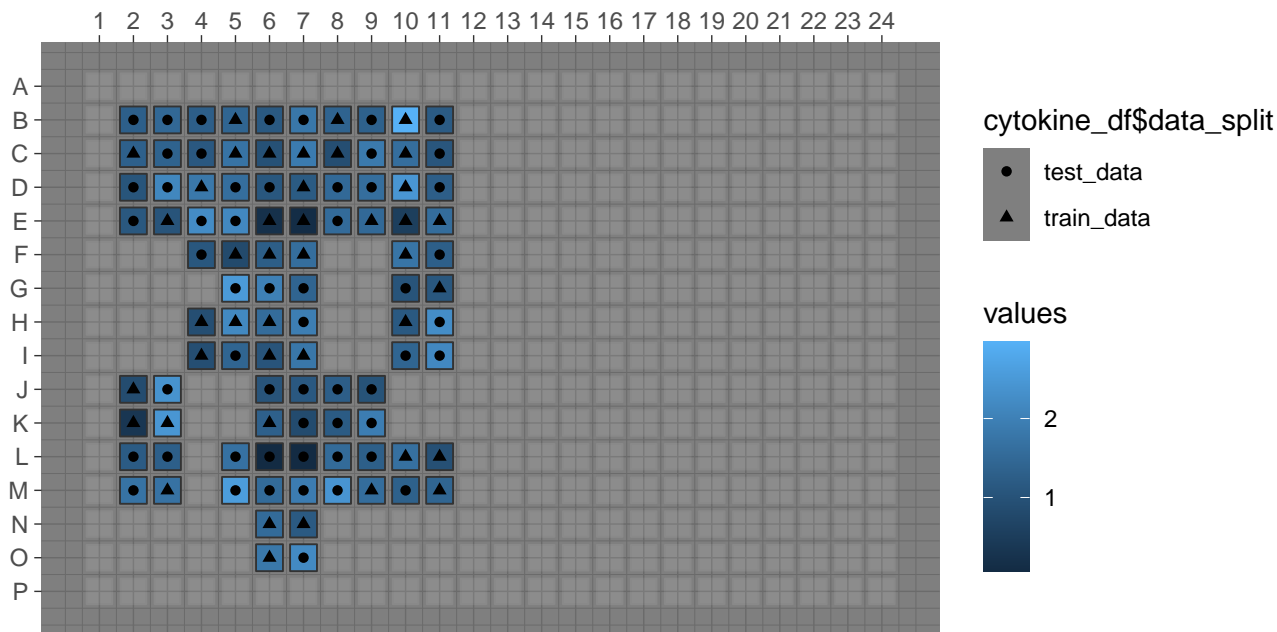Predictive Performance of IL−6Ralpha per Well (Shuffled_baseline model)

Predictive Performance of IFalpha2(alpha2b) per Well (Shuffled_baseline model)
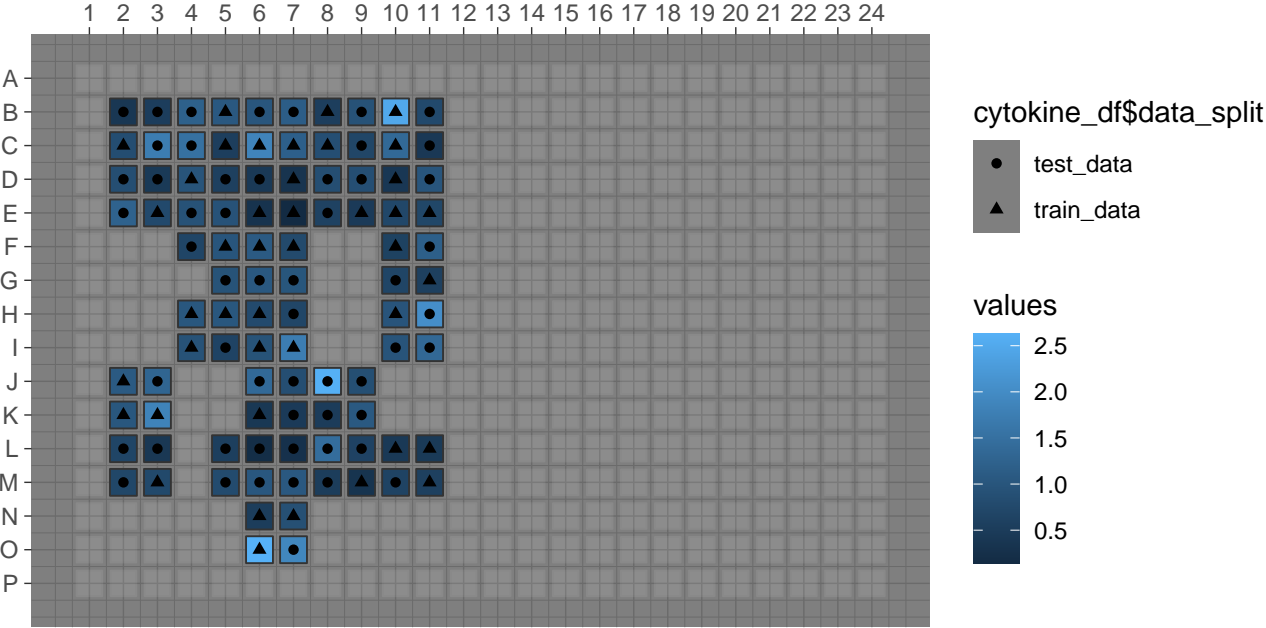
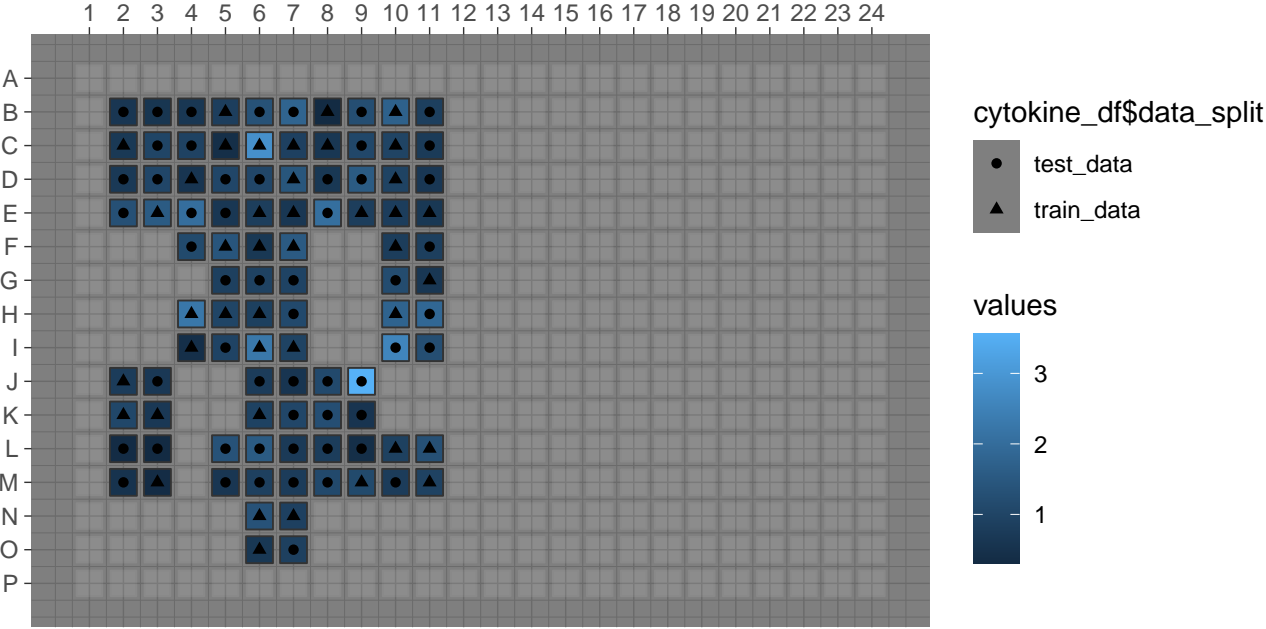Predictive Performance of Osteopontin(OP) per Well (Shuffled_baseline model)

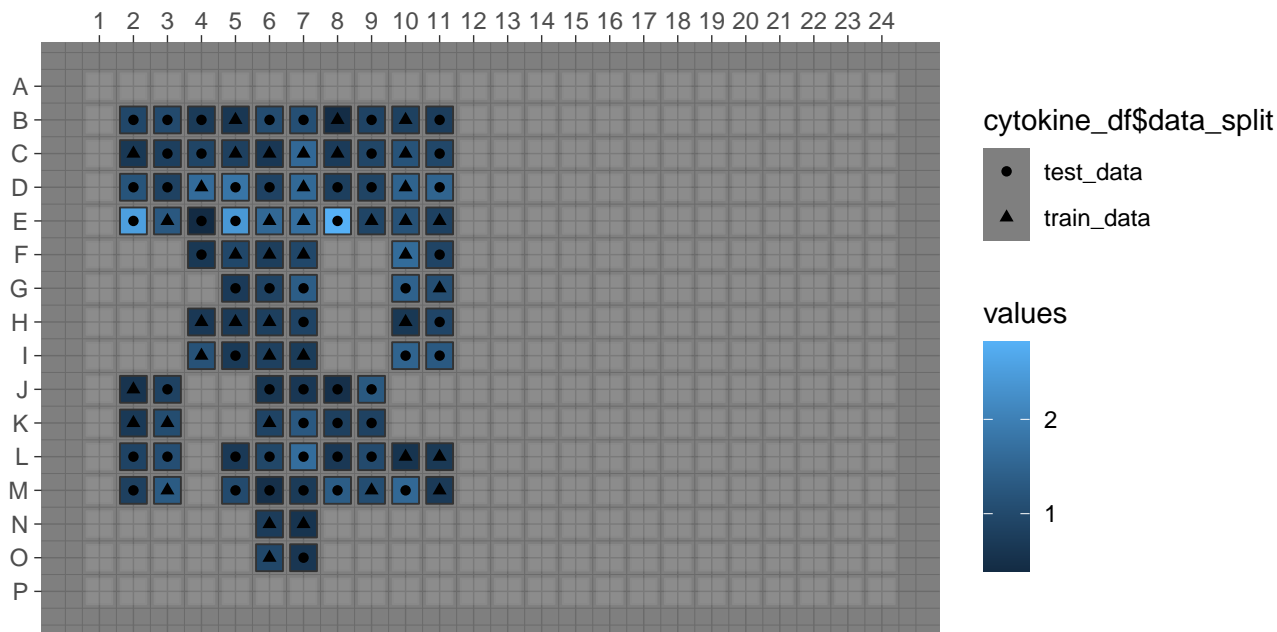Predictive Performance of CCL1 per Well (Shuffled_baseline model)

Predictive Performance of CCL22 per Well (Shuffled_baseline model)
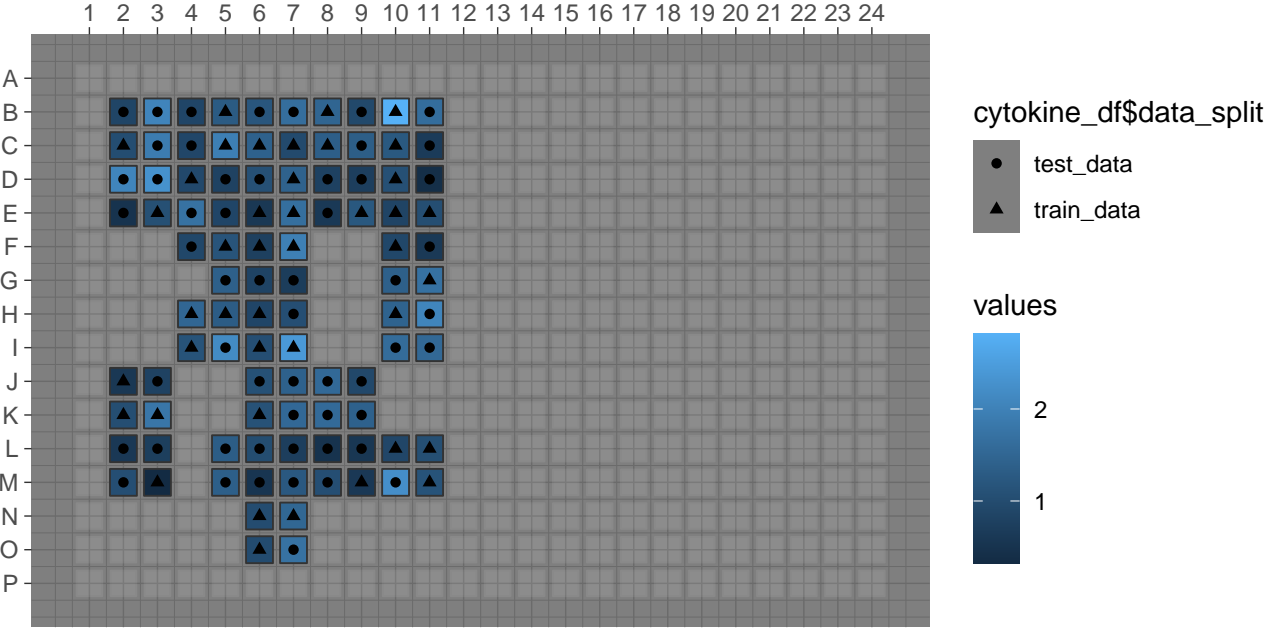
Predictive Performance of Amyloidbeta per Well (Shuffled_baseline model)
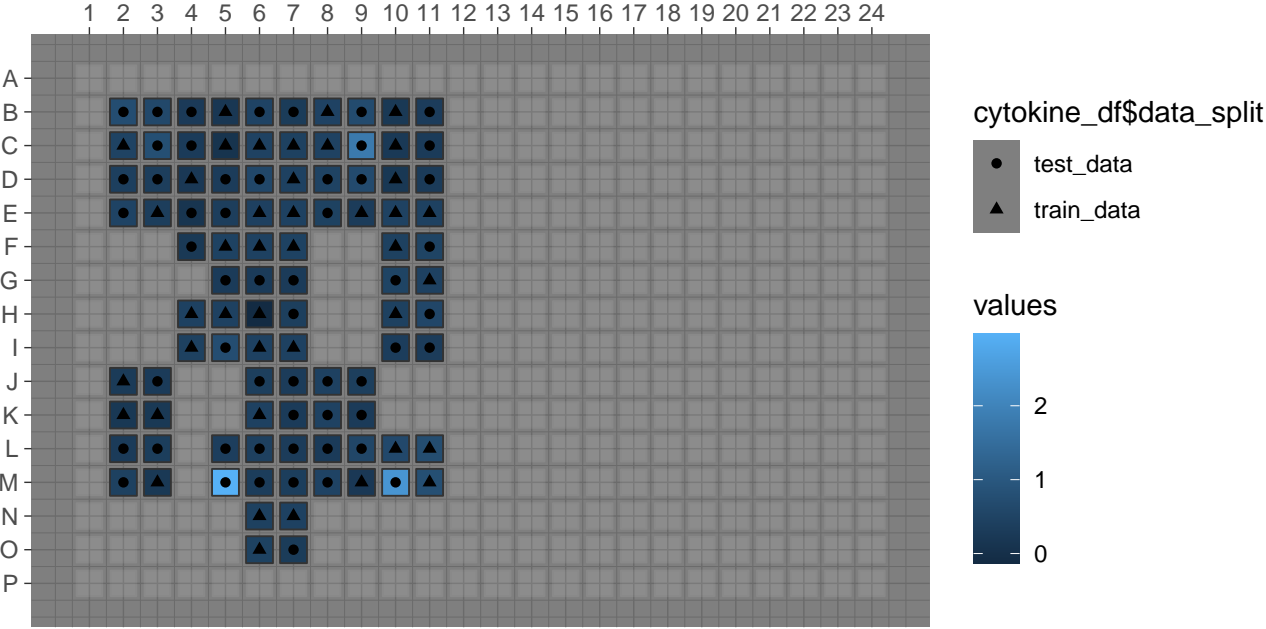
Predictive Performance of CXCL3 per Well (Shuffled_baseline model)
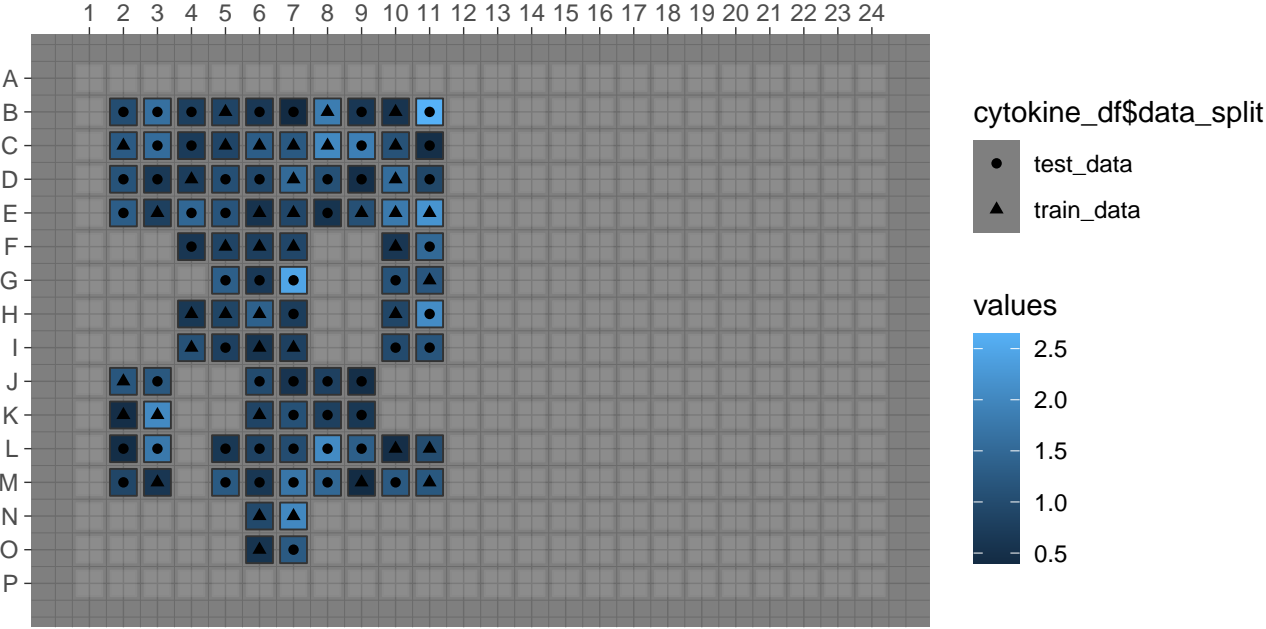
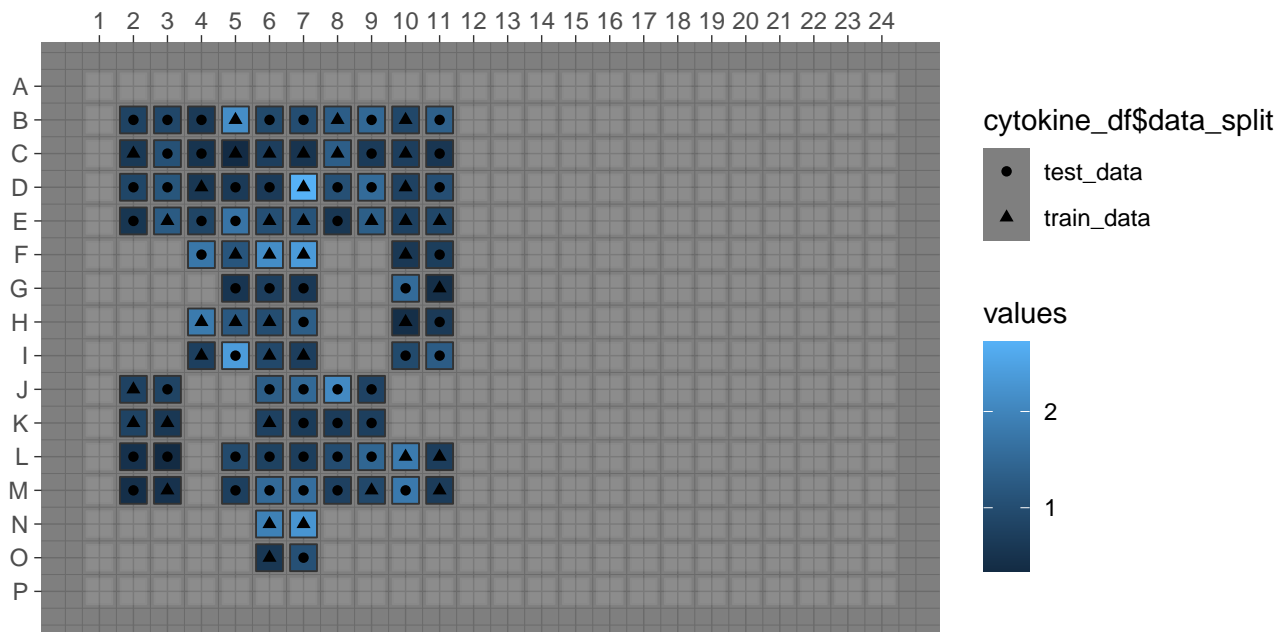Predictive Performance of GDF−15(MIC−1) per Well (Shuffled_baseline model)

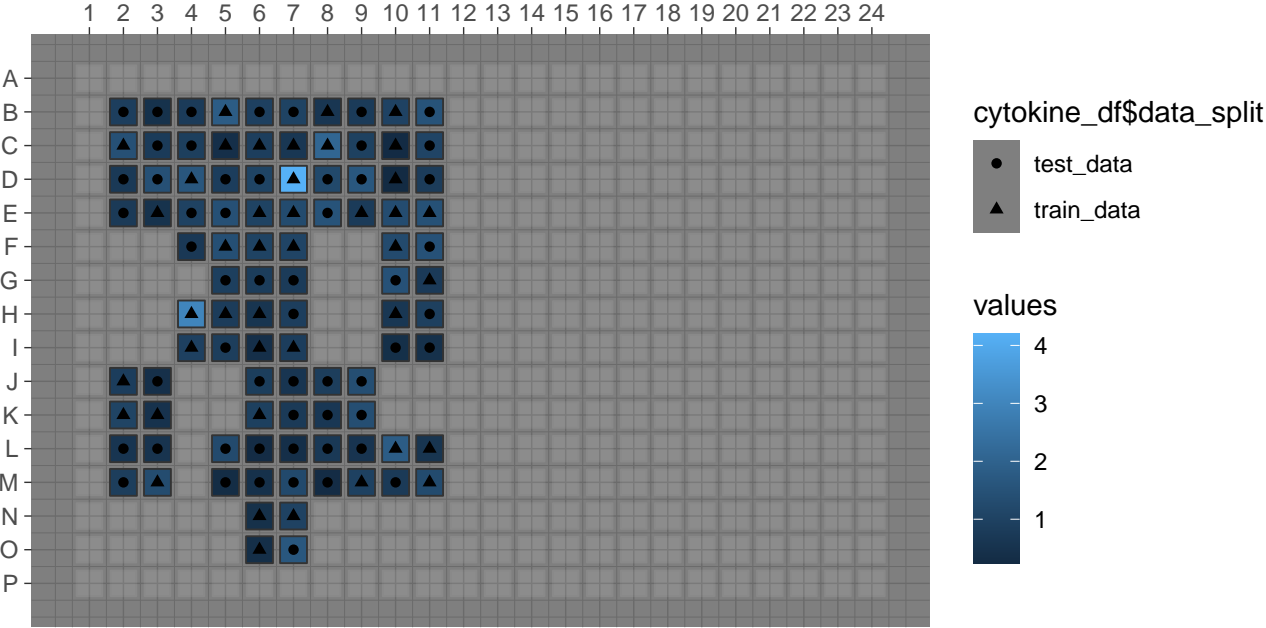Predictive Performance of IL−1alpha per Well (Shuffled_baseline model)

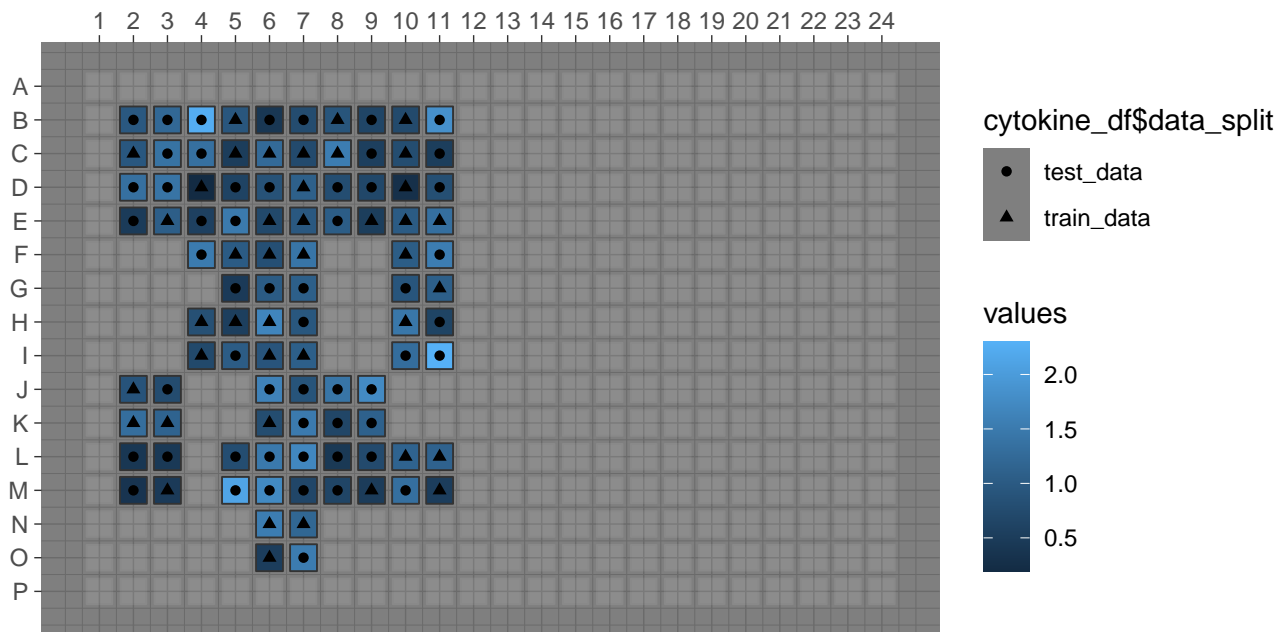Predictive Performance of IL−2RA per Well (Shuffled_baseline model)

Predictive Performance of TREM2 per Well (Shuffled_baseline model)
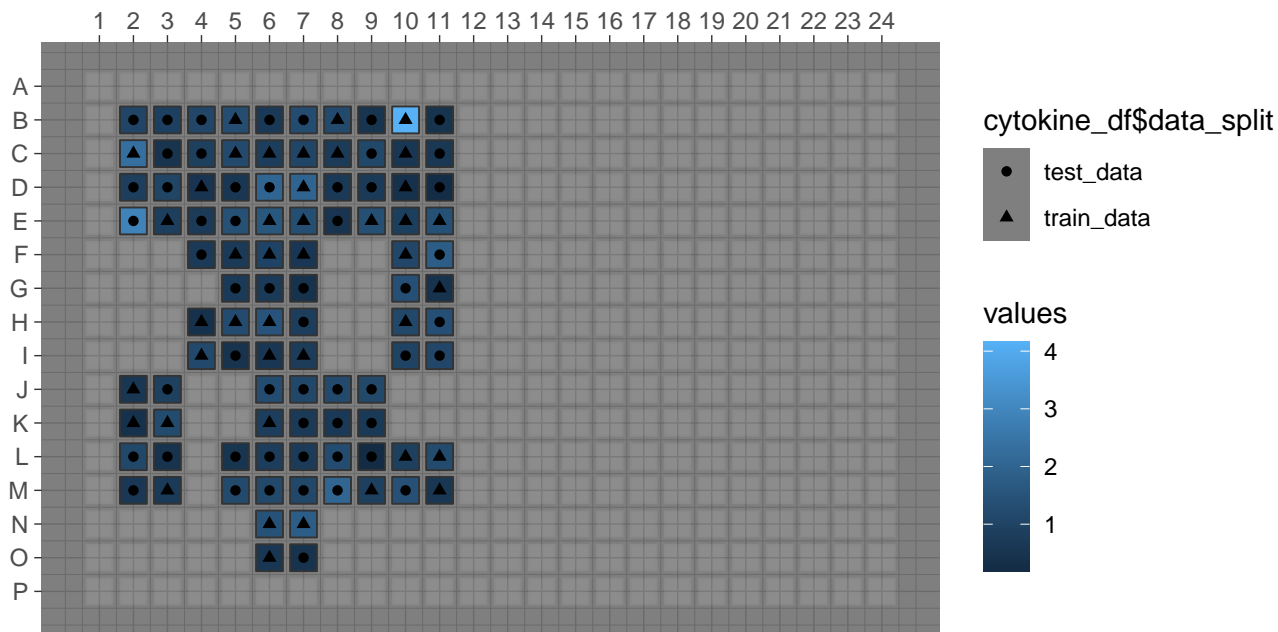
Predictive Performance of TGF−beta3 per Well (Shuffled_baseline model)
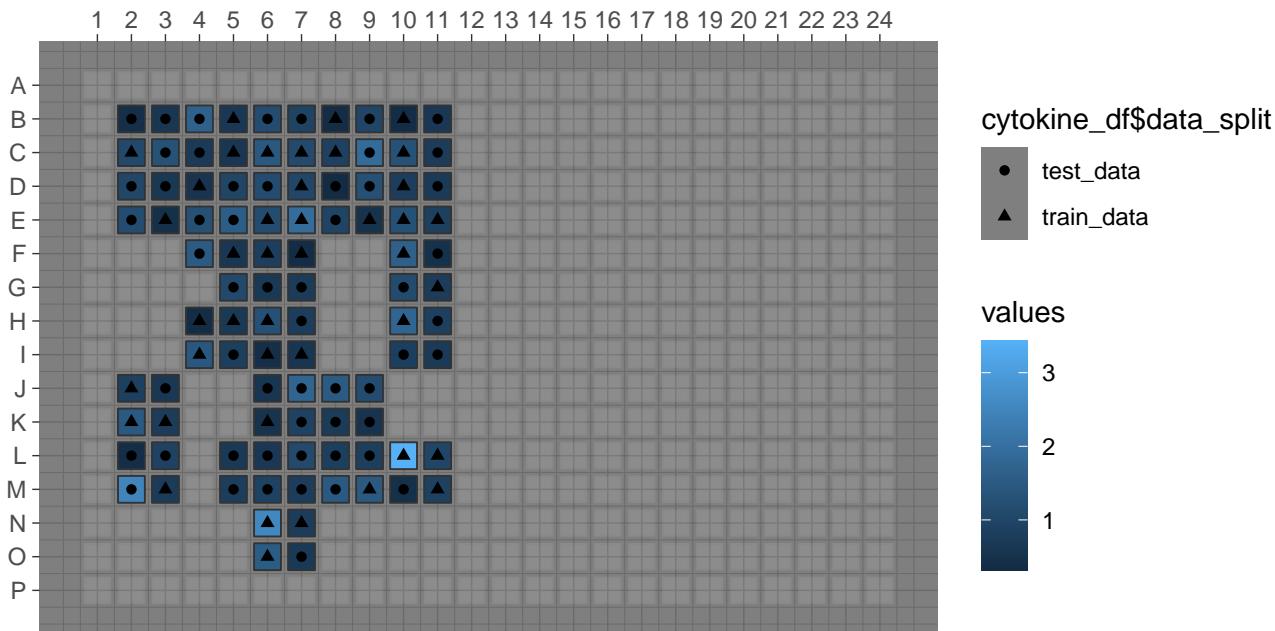
Predictive Performance of BDF per Well (Shuffled_baseline model)
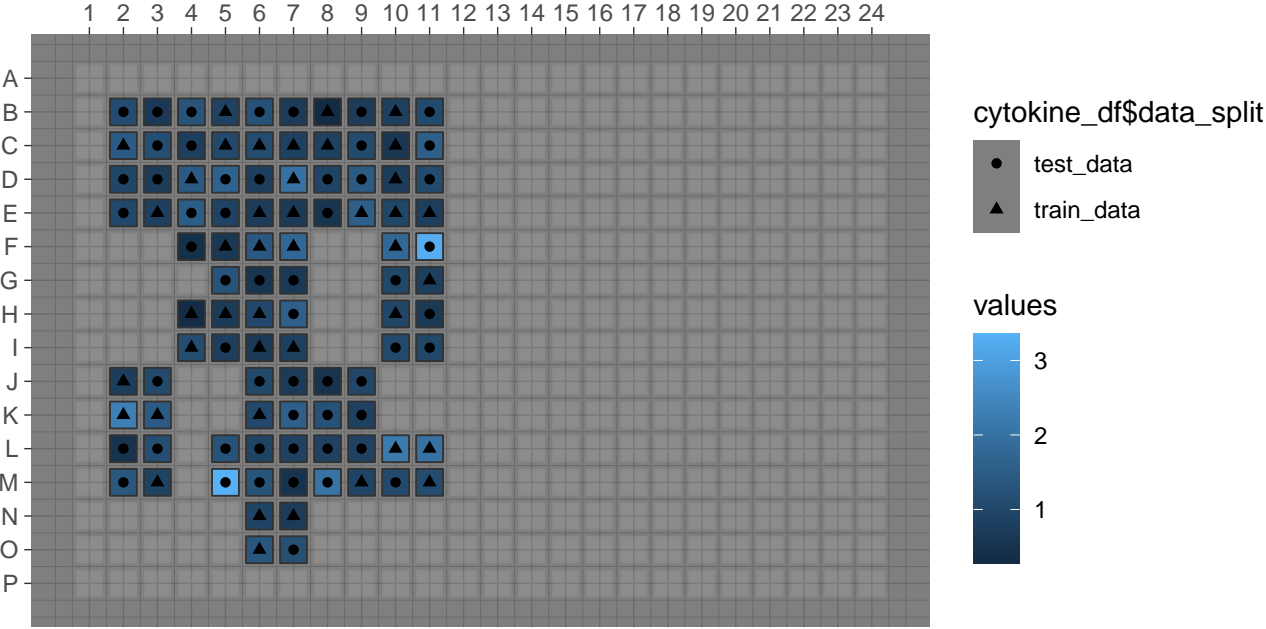
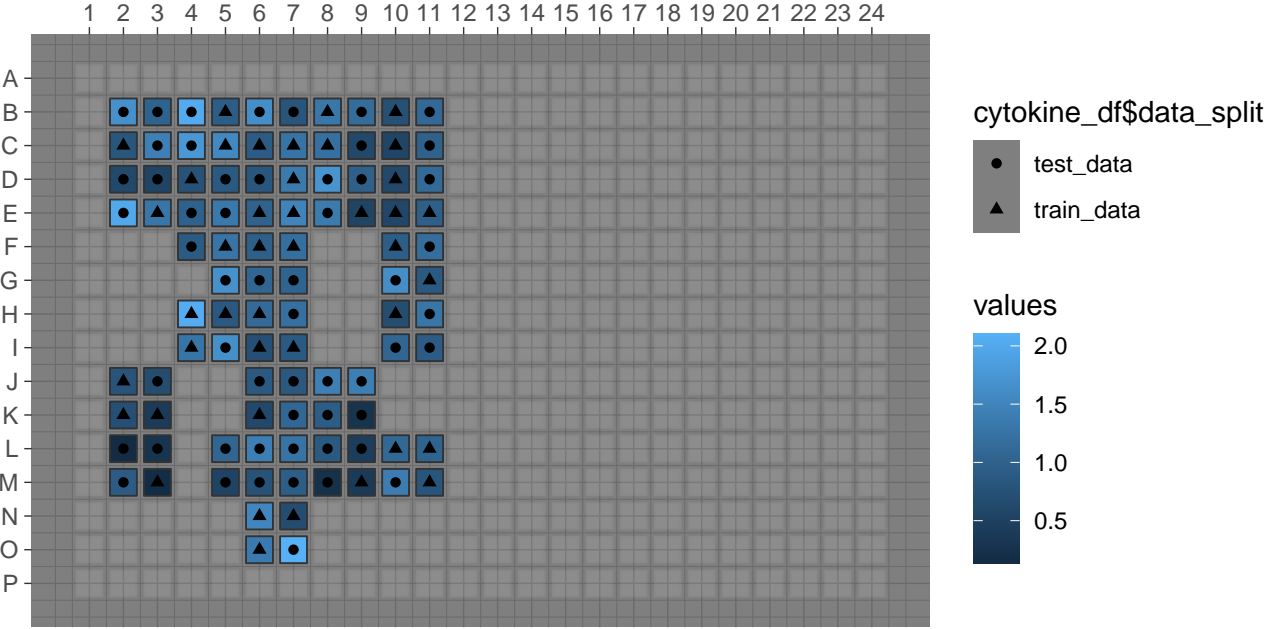Predictive Performance of TGF−beta1(LAPdomaininprecursor) per Well (Shuffled_

Predictive Performance of FLRG(FTL3) per Well (Shuffled_baseline model)
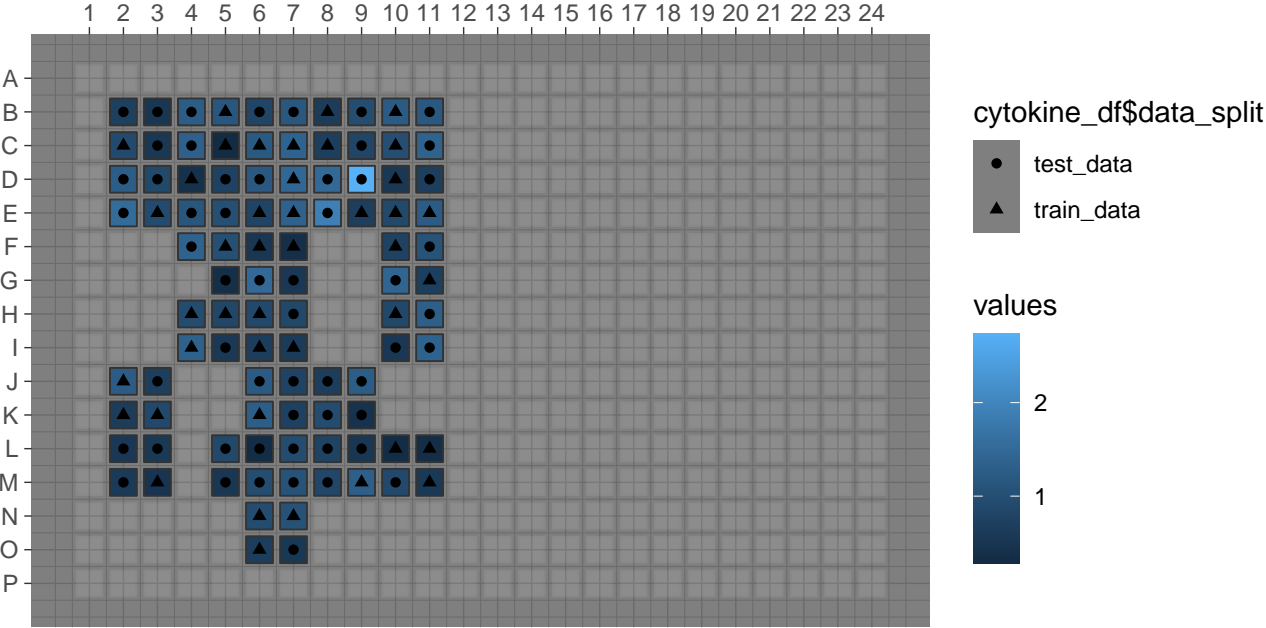
Predictive Performance of EGFR per Well (Shuffled_baseline model)
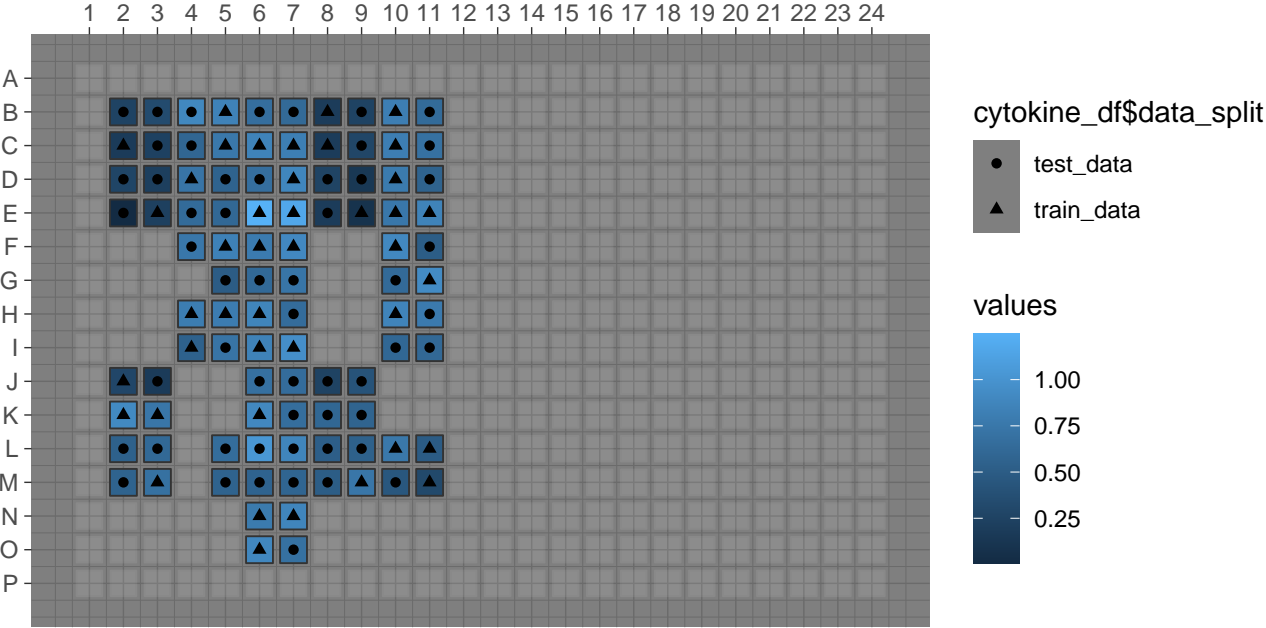
Predictive Performance of GrowthHormone(omatotropin) per Well (Shuffled_baseli...
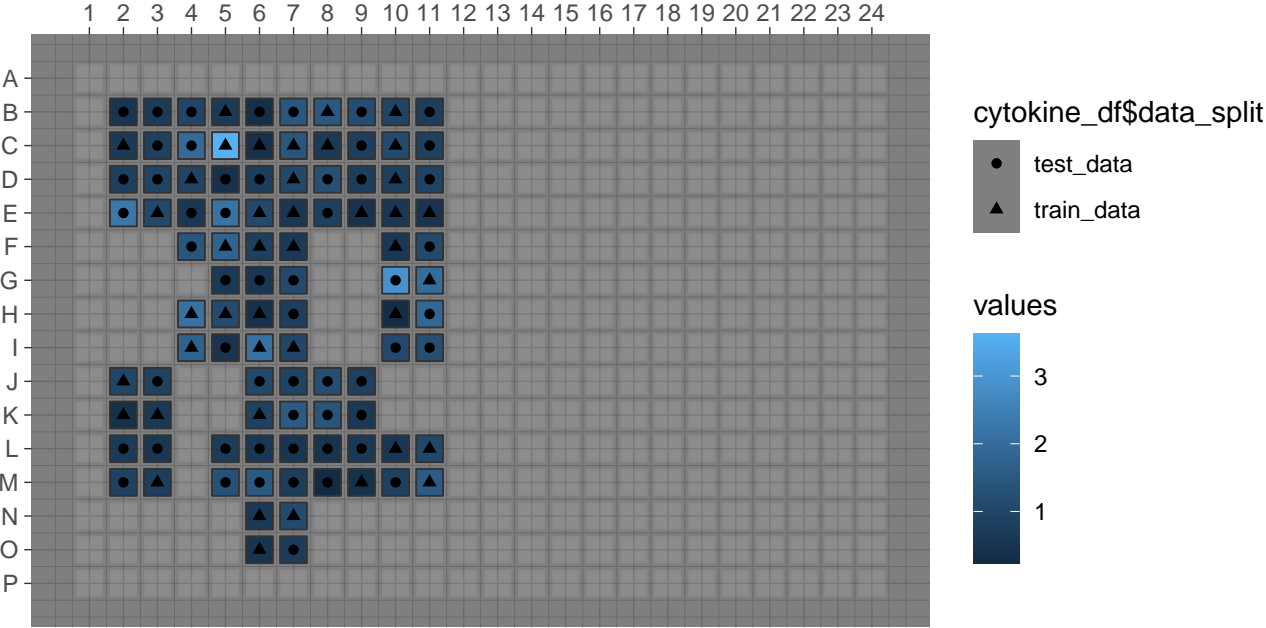
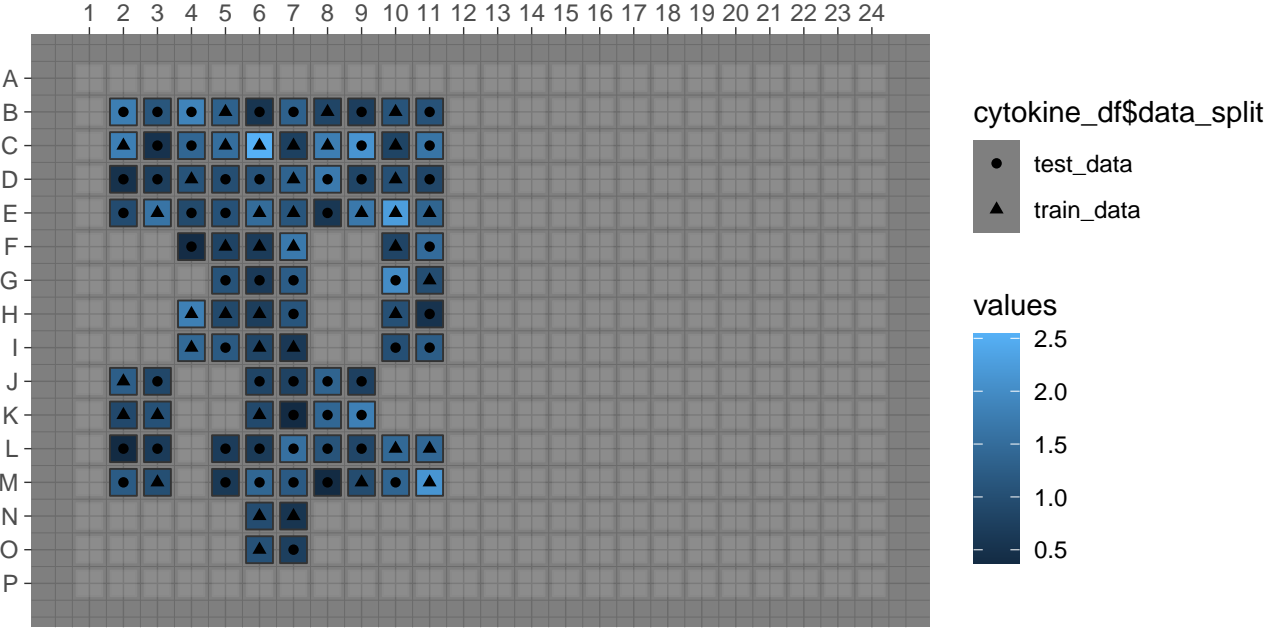Predictive Performance of CD163 per Well (Shuffled_baseline model)

Predictive Performance of ActivinA per Well (Shuffled_baseline model)
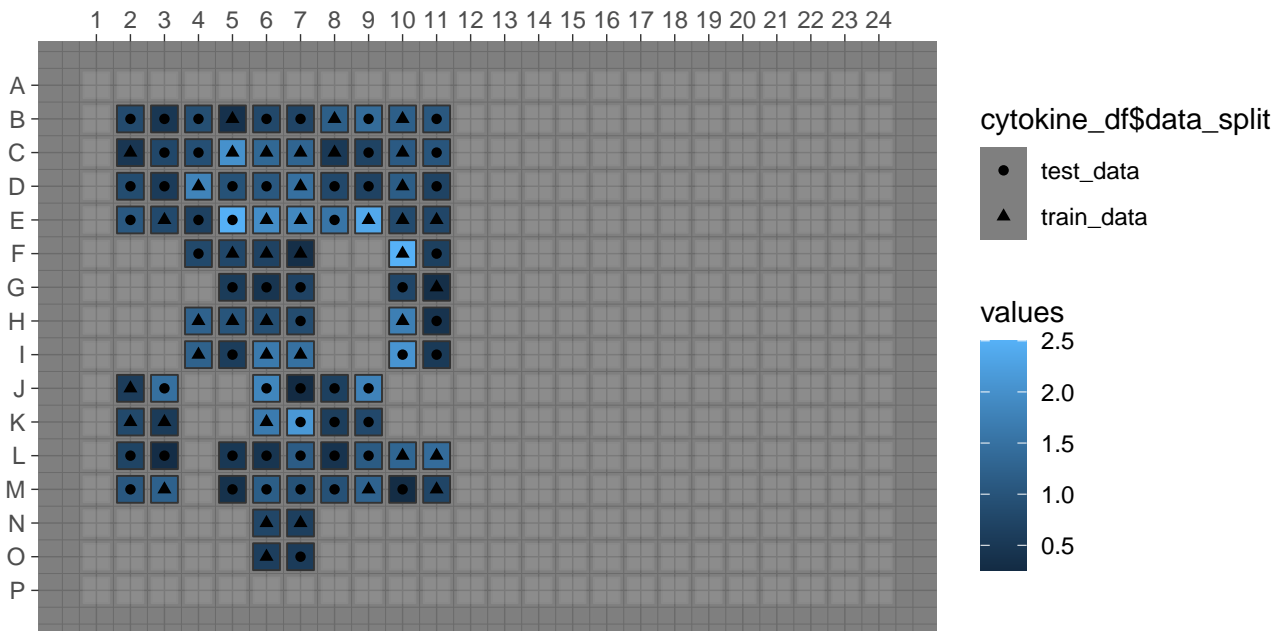
Predictive Performance of IL−32(alpha) per Well (Shuffled_baseline model)
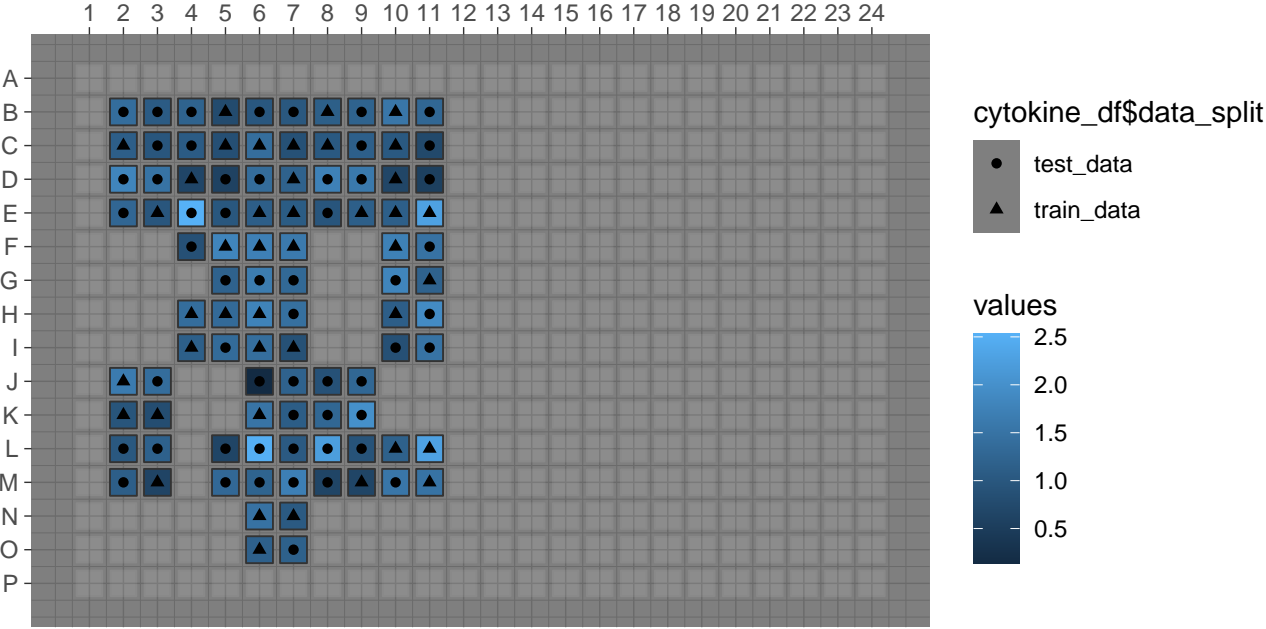
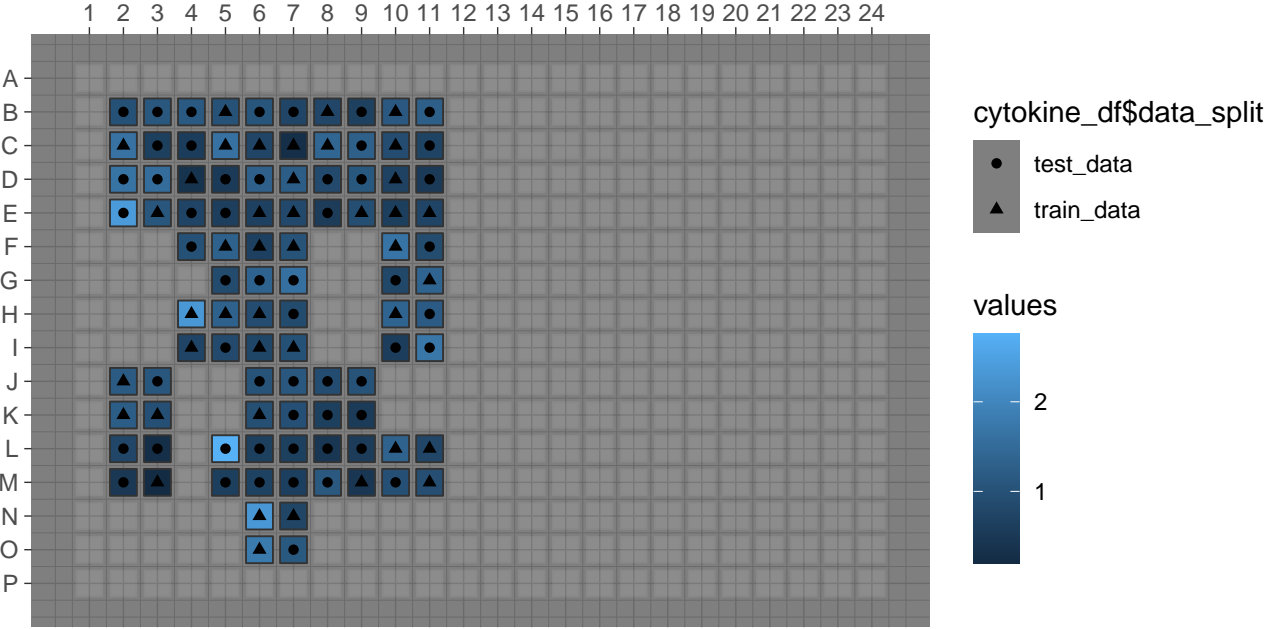Predictive Performance of PCK9 per Well (Shuffled_baseline model)

Predictive Performance of IL−17E(IL−25) per Well (Shuffled_baseline model)
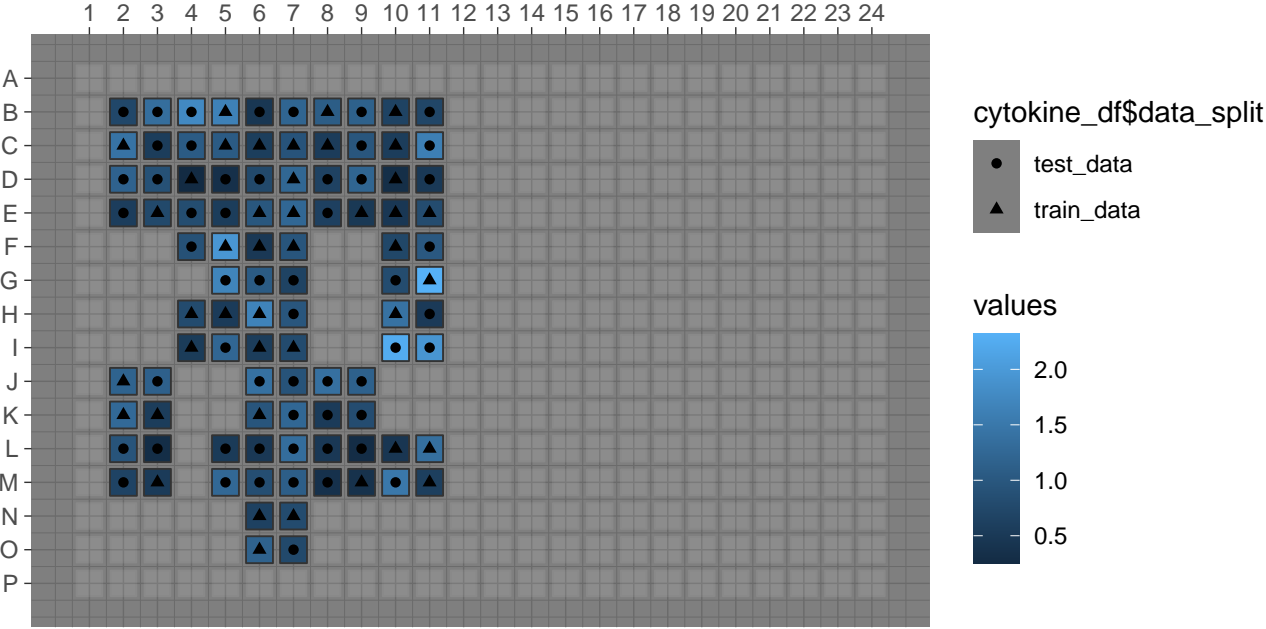
Predictive Performance of CXCL4 per Well (Shuffled_baseline model)

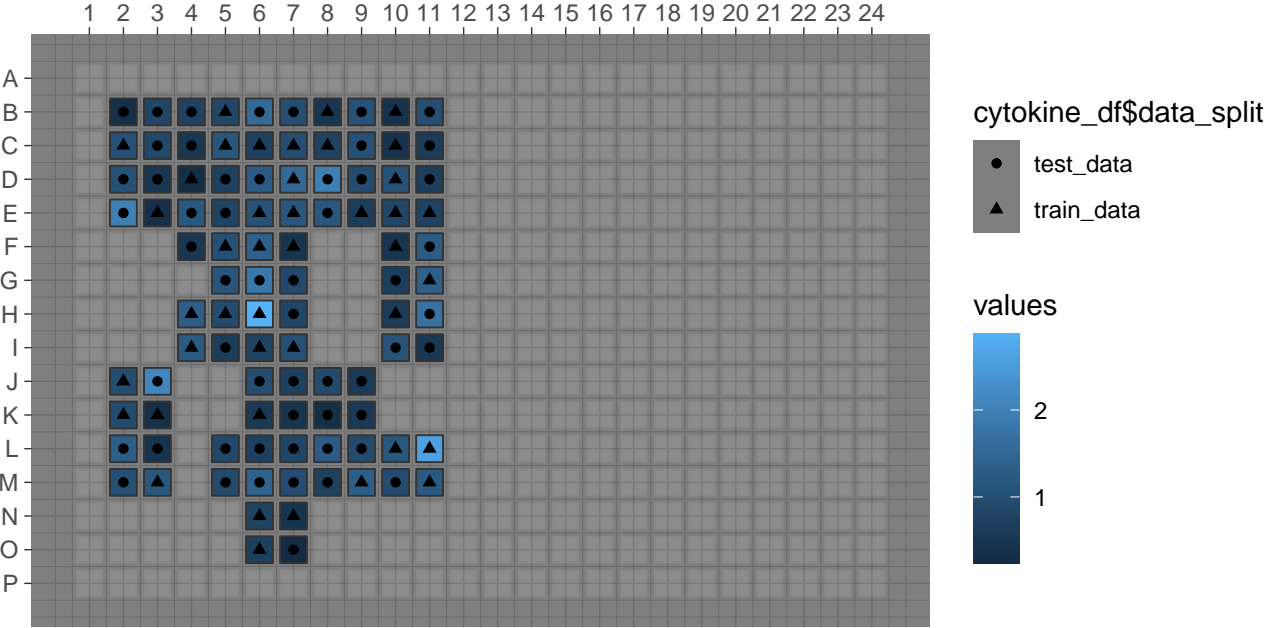Predictive Performance of M−CF per Well (Shuffled_baseline model)

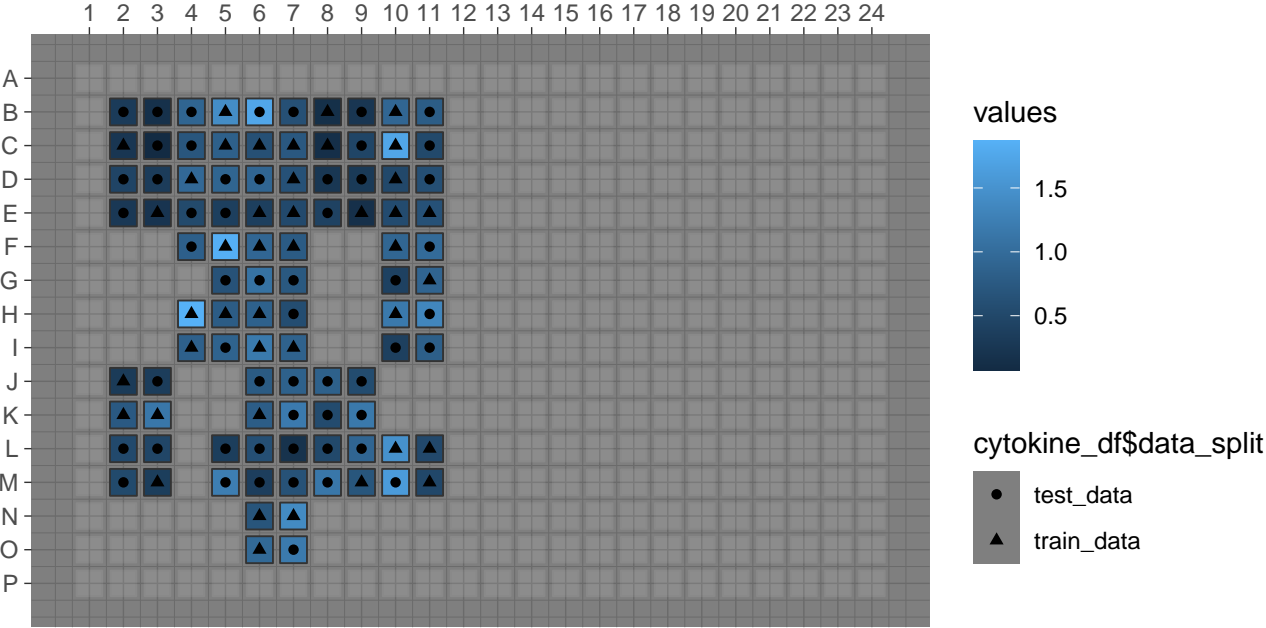Predictive Performance of XCL1(Lymphotactin) per Well (Shuffled_baseline model)

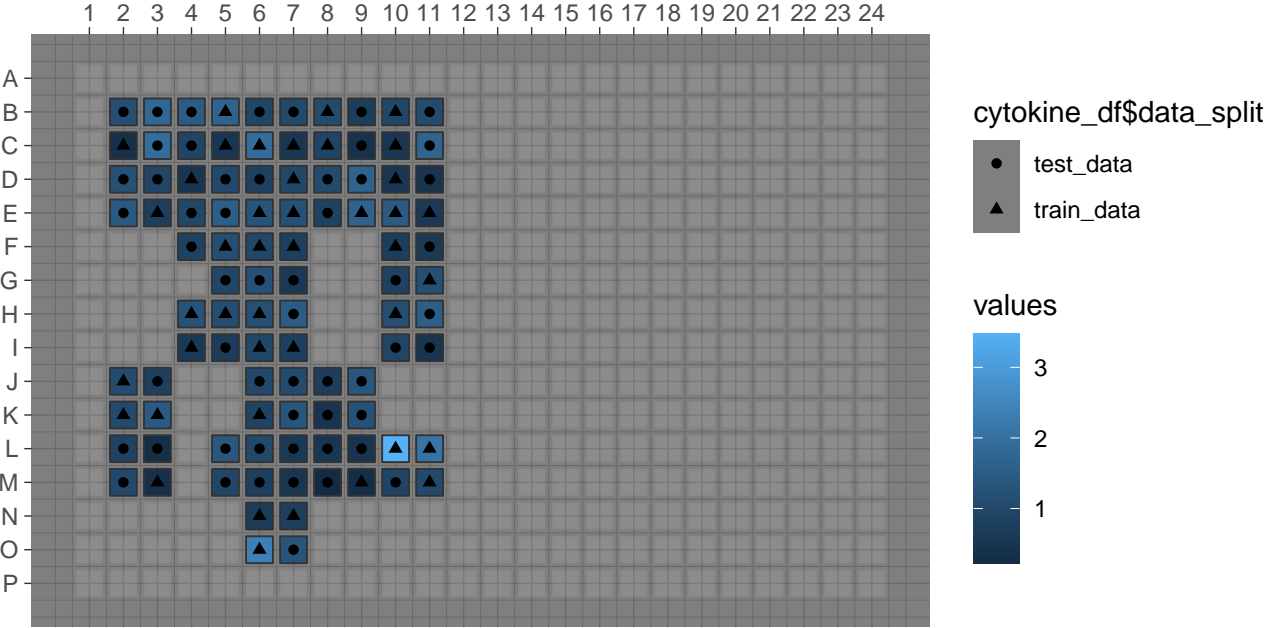Predictive Performance of CXCL17 per Well (Shuffled_baseline model)

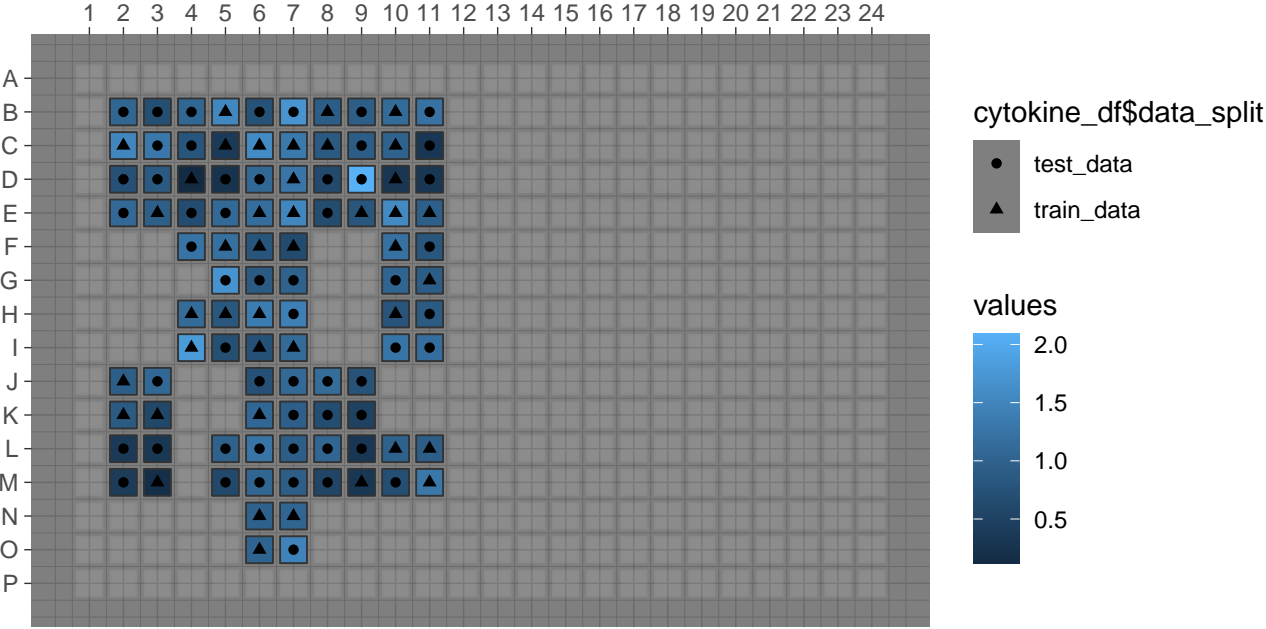Predictive Performance of CXCL13 per Well (Shuffled_baseline model)

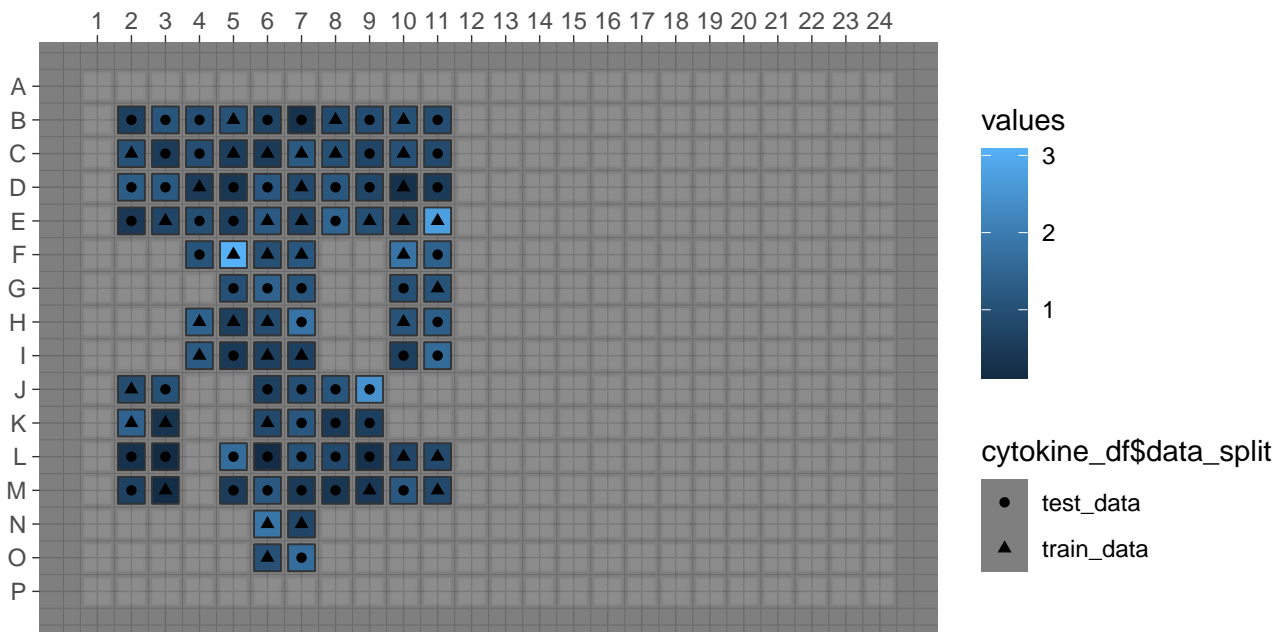Predictive Performance of CCL8 per Well (Shuffled_baseline model)

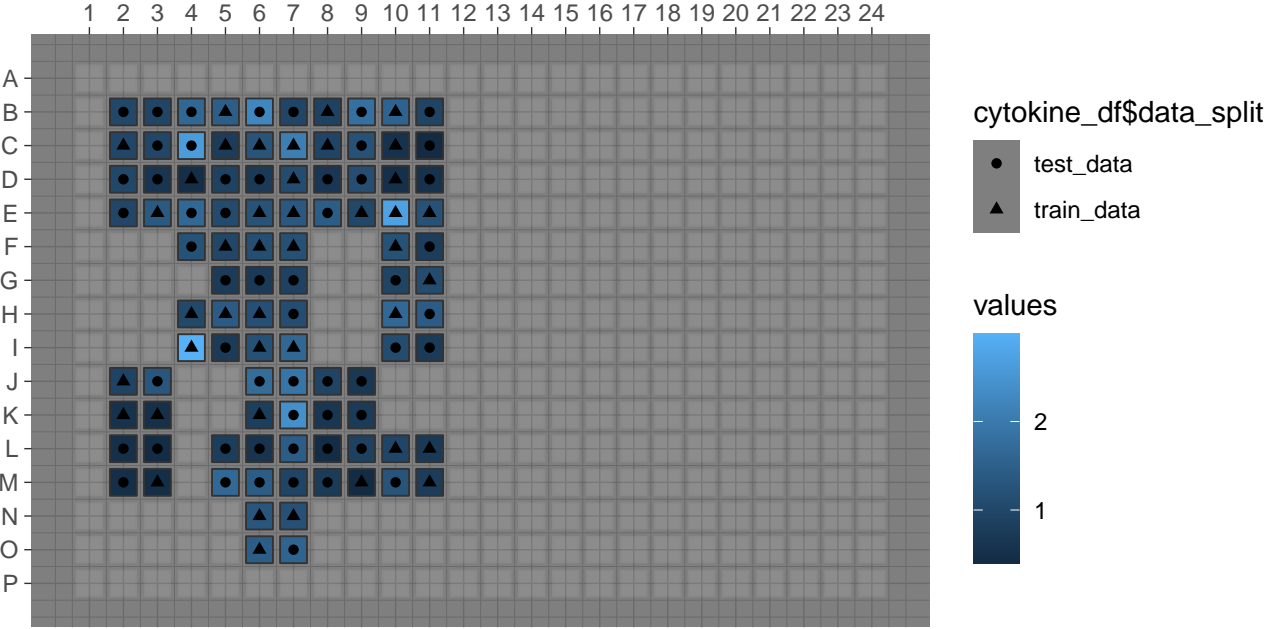Predictive Performance of RG1beta1 per Well (Shuffled_baseline model)

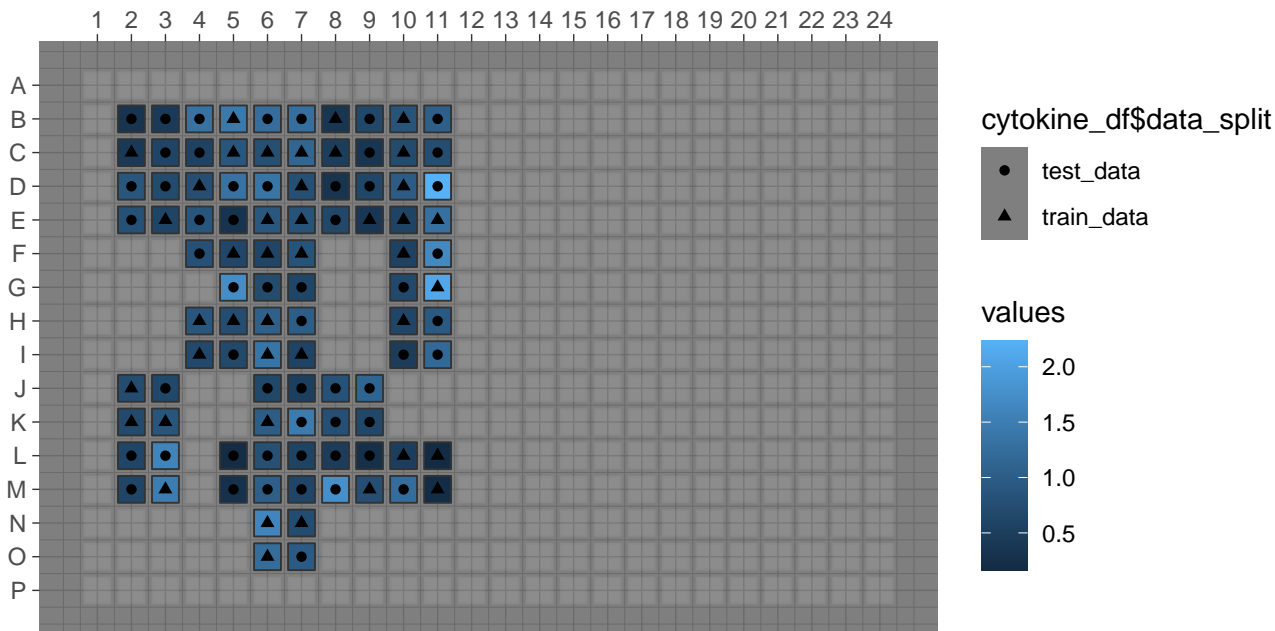Predictive Performance of IL−22BP per Well (Shuffled_baseline model)

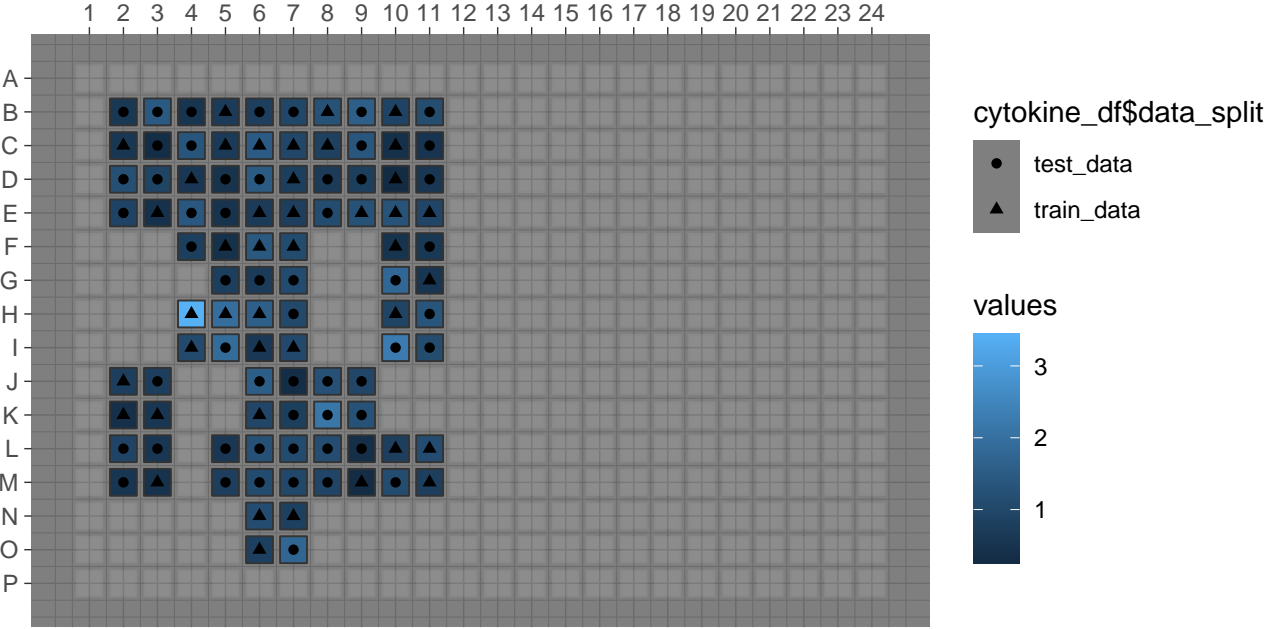Predictive Performance of TissueFactor(TF) per Well (Shuffled_baseline model)

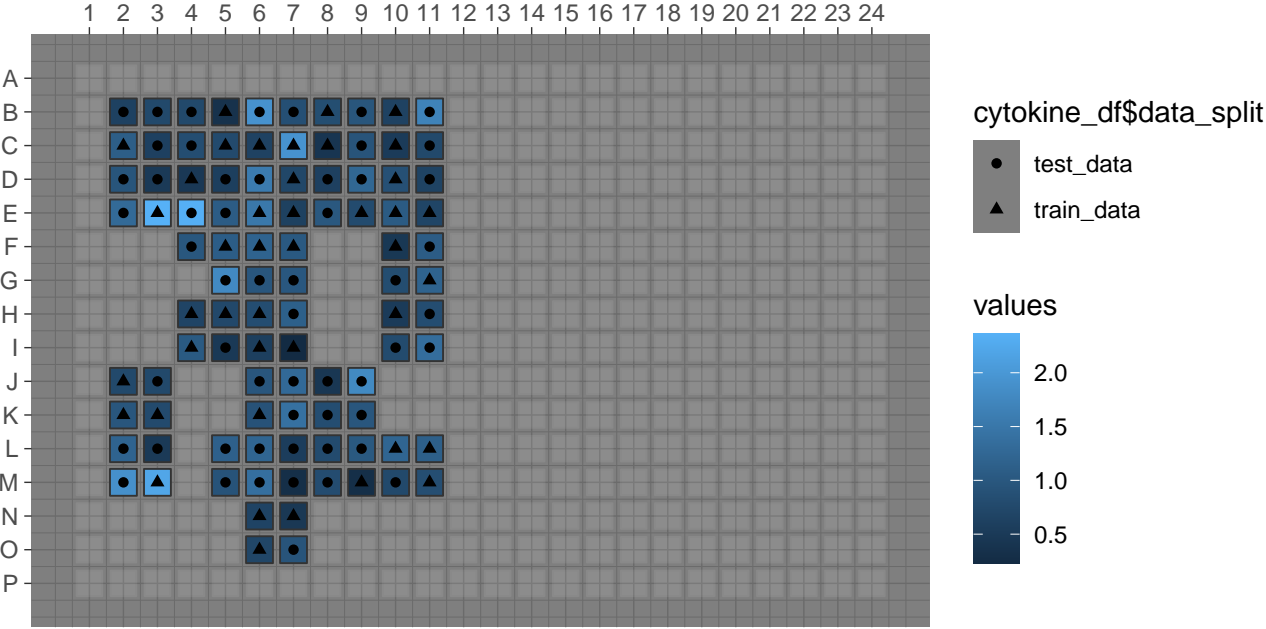Predictive Performance of TIMP1 per Well (Shuffled_baseline model)

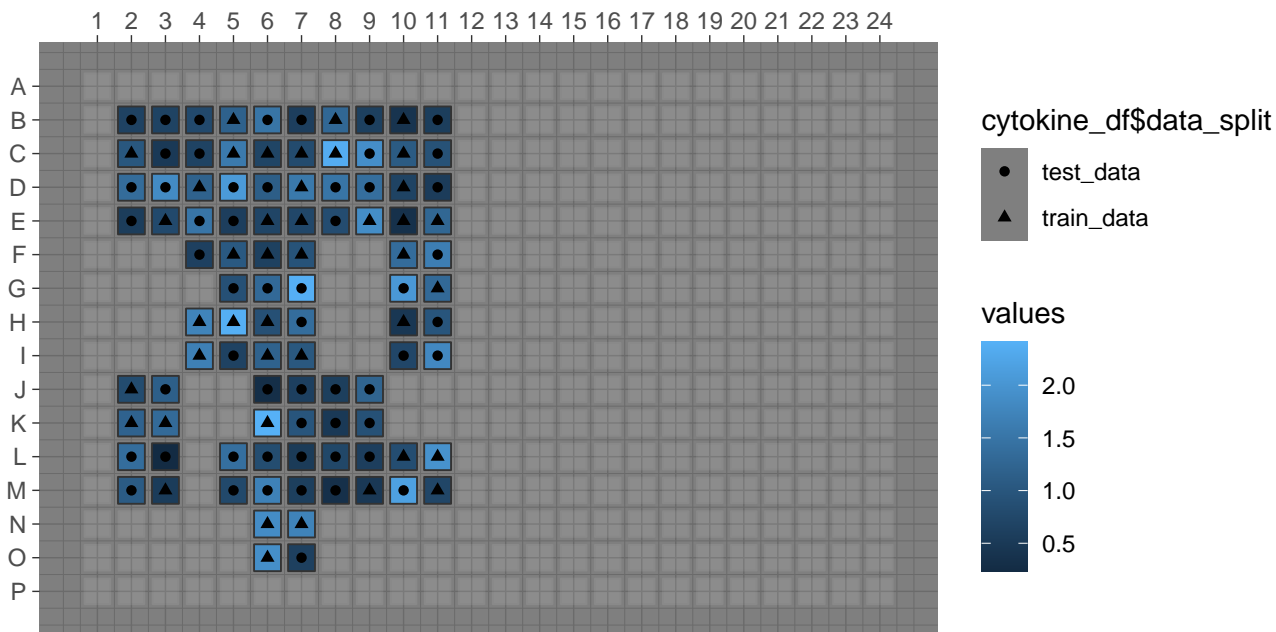Predictive Performance of VEGFR−1 per Well (Shuffled_baseline model)

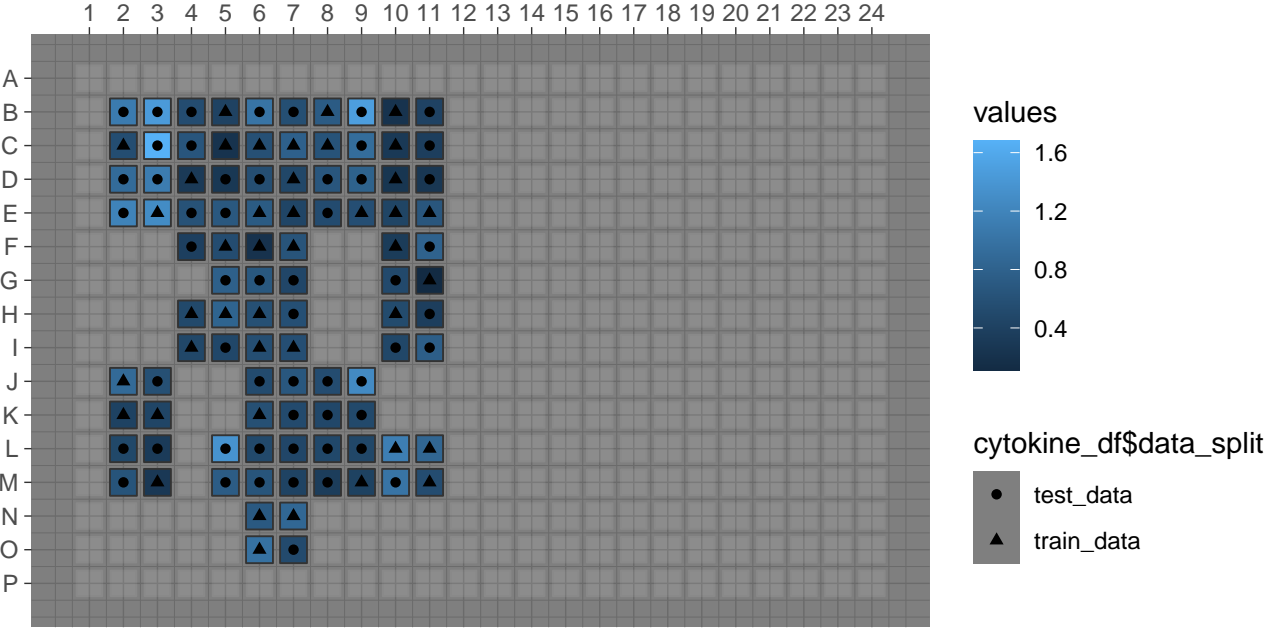Predictive Performance of IL−17F per Well (Shuffled_baseline model)

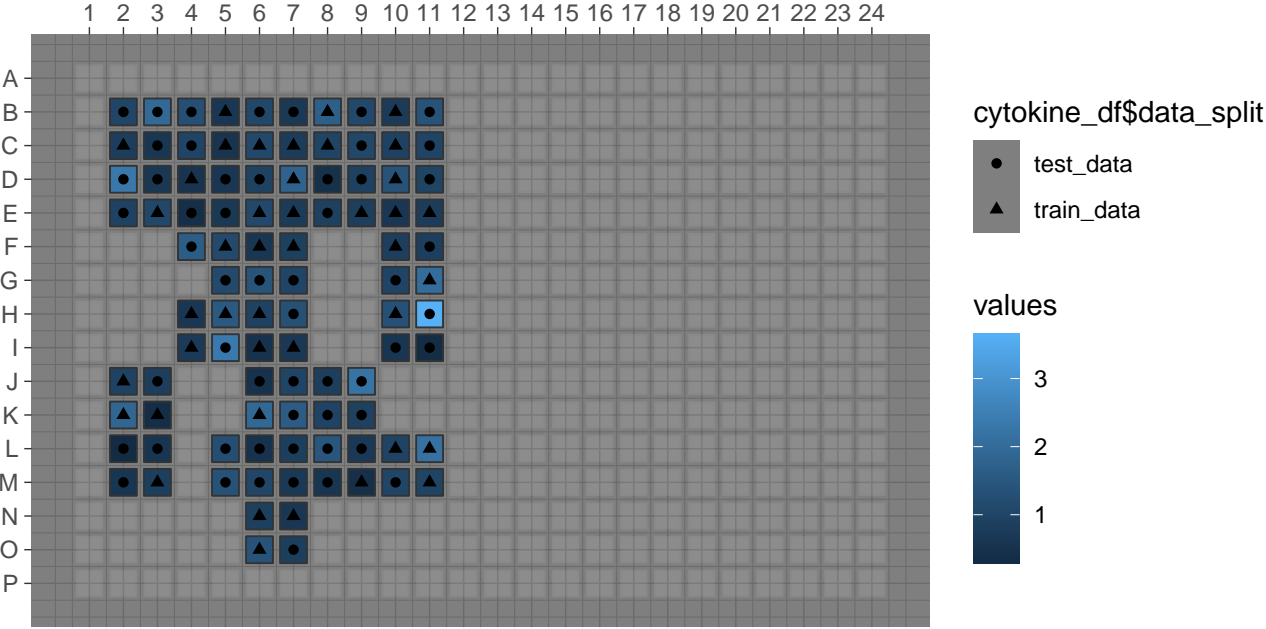Predictive Performance of APRIL per Well (Shuffled_baseline model)

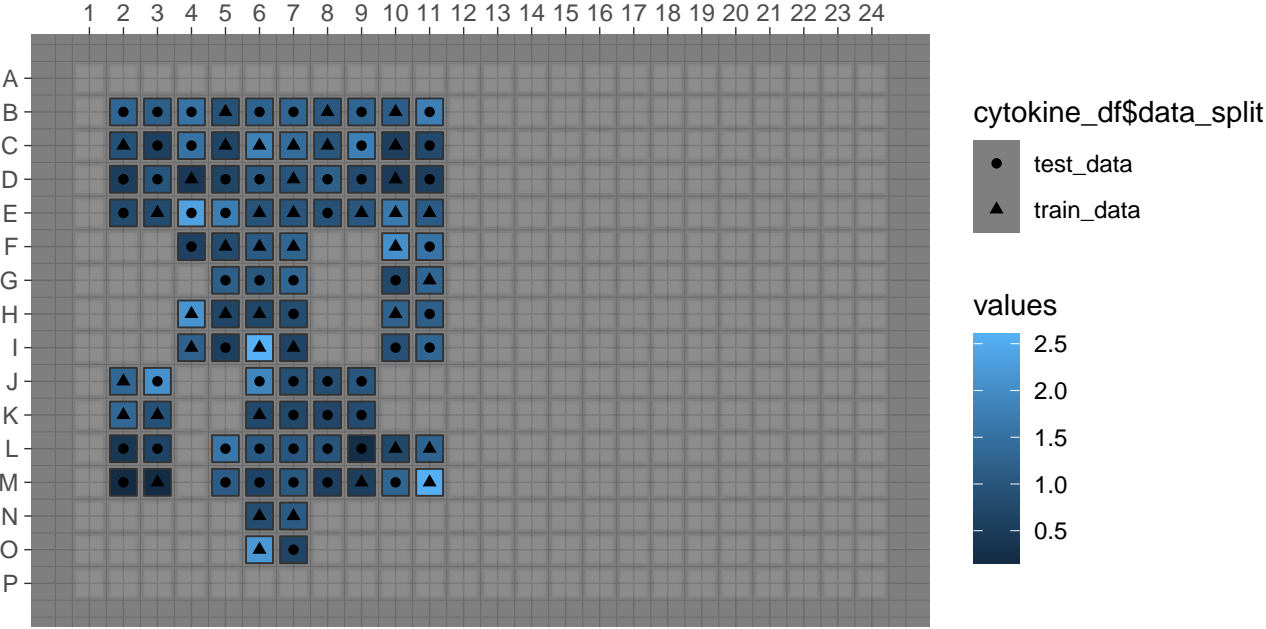Predictive Performance of CD27L per Well (Shuffled_baseline model)

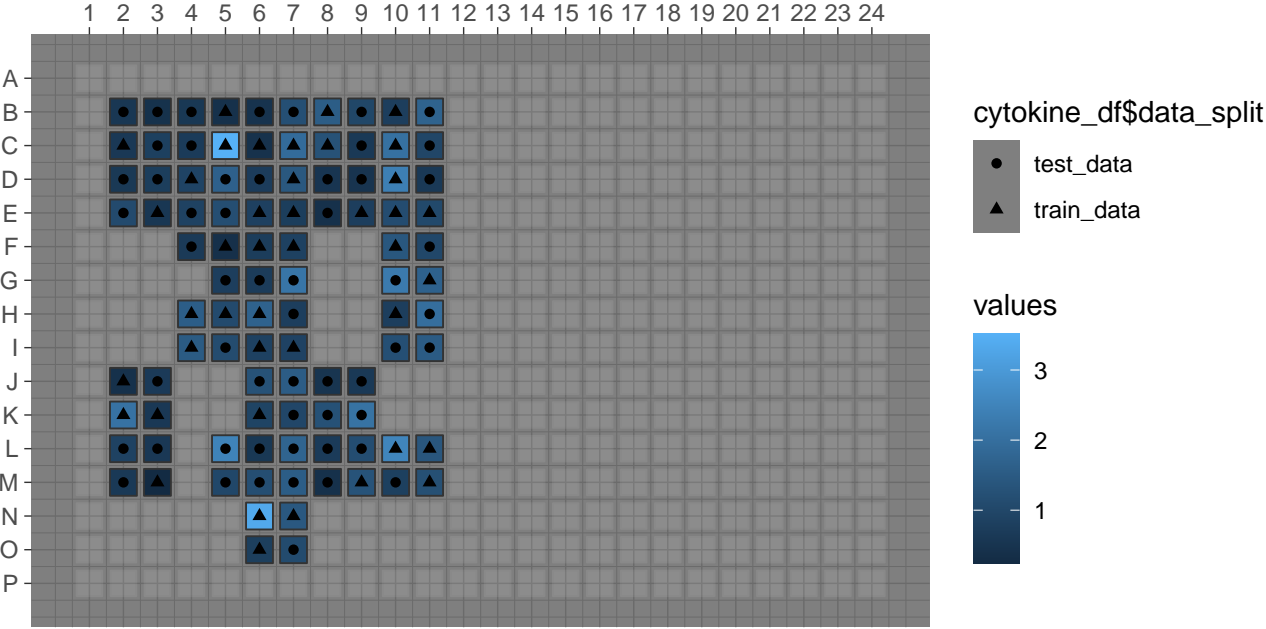Predictive Performance of MMP−9 per Well (Shuffled_baseline model)

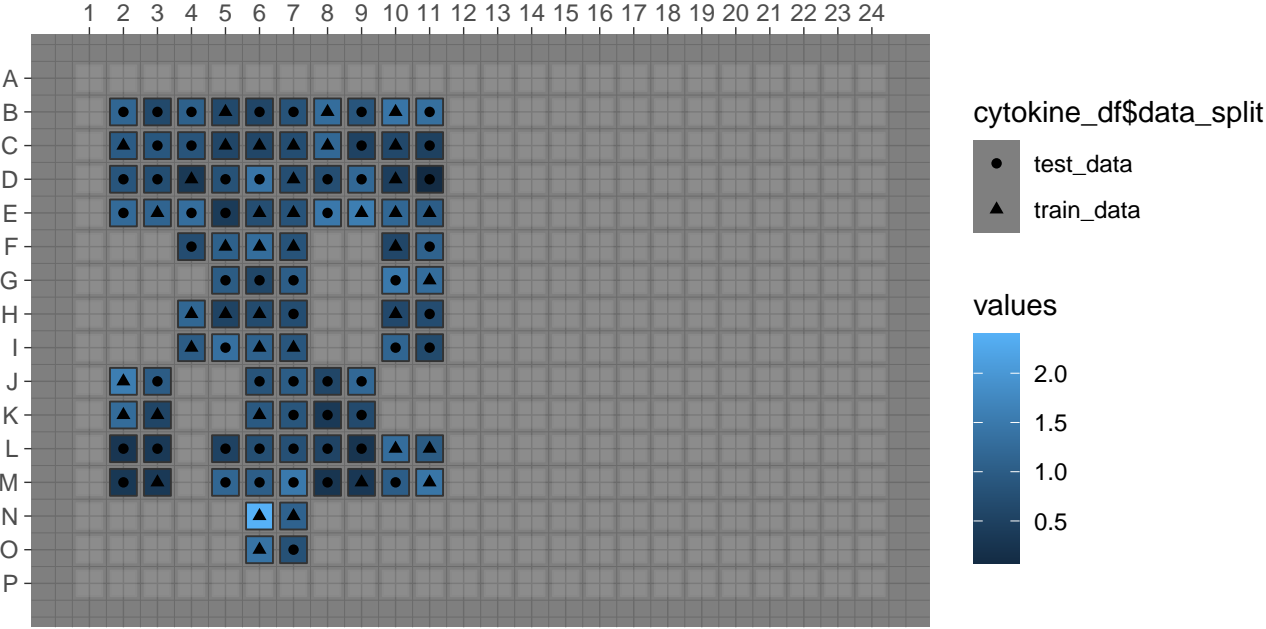Predictive Performance of FGF−9 per Well (Shuffled_baseline model)

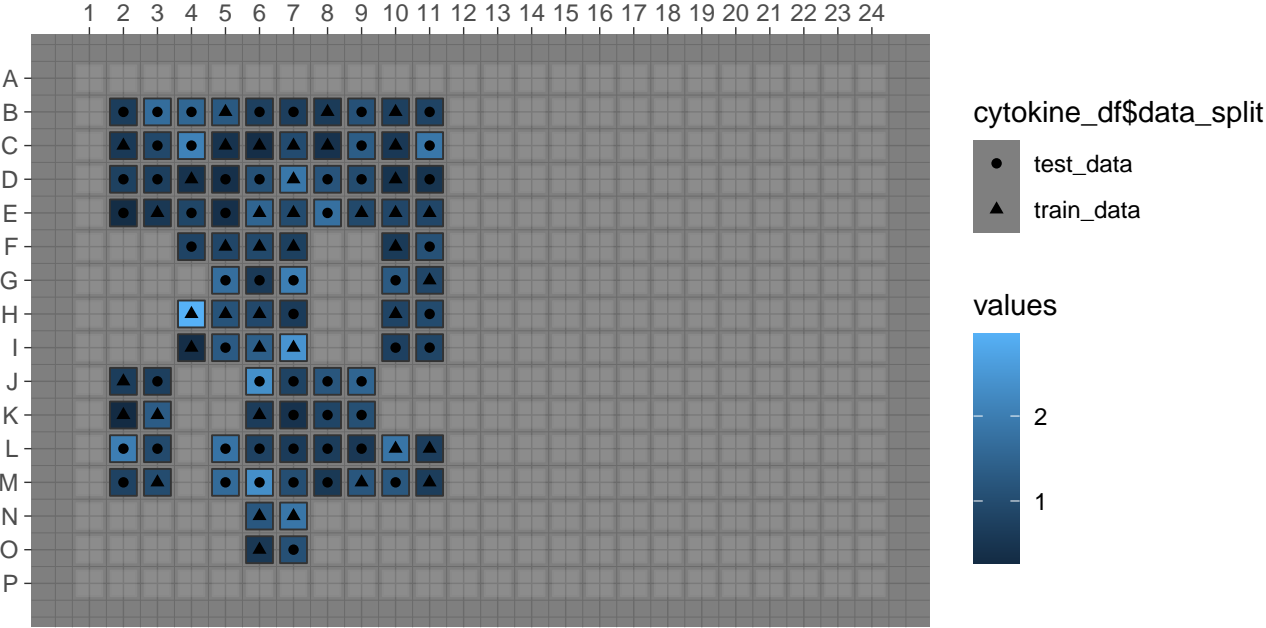Predictive Performance of FGF−2 per Well (Shuffled_baseline model)

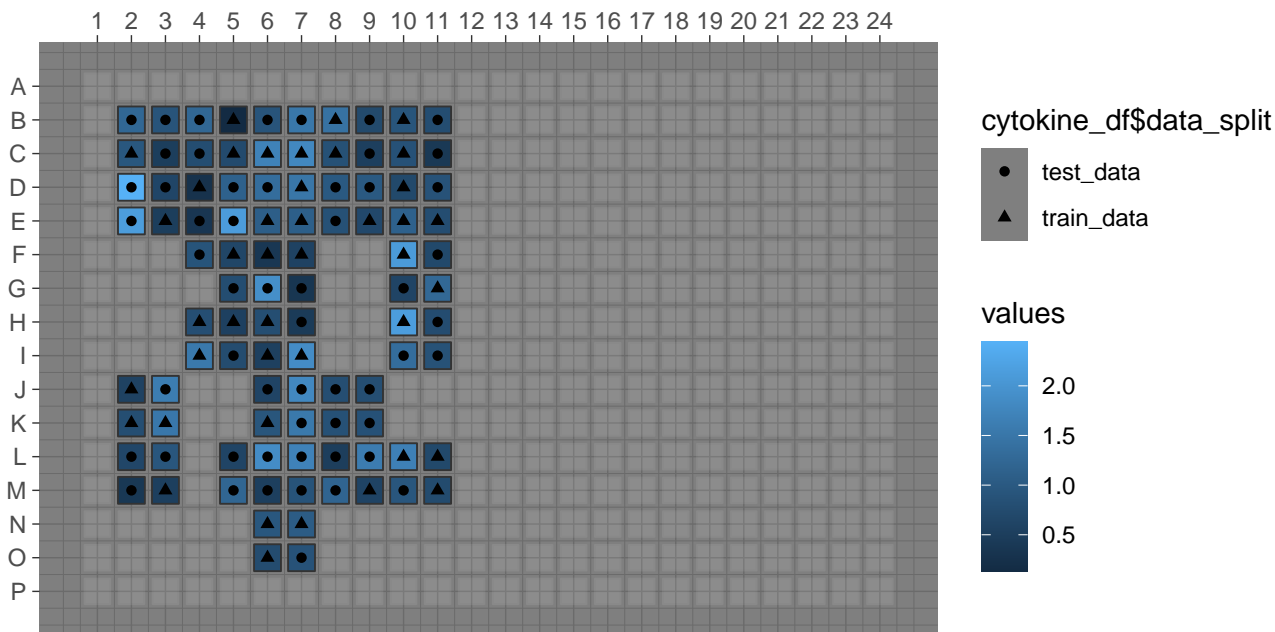Predictive Performance of GM−CF per Well (Shuffled_baseline model)

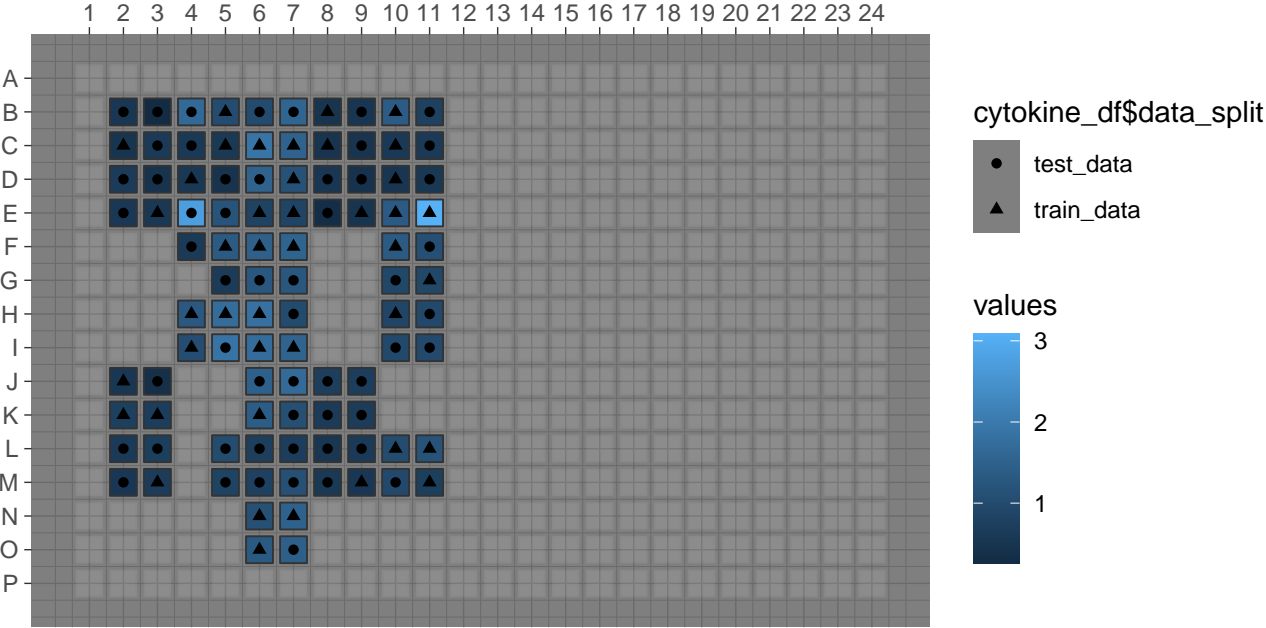Predictive Performance of Mesothelin per Well (Shuffled_baseline model)

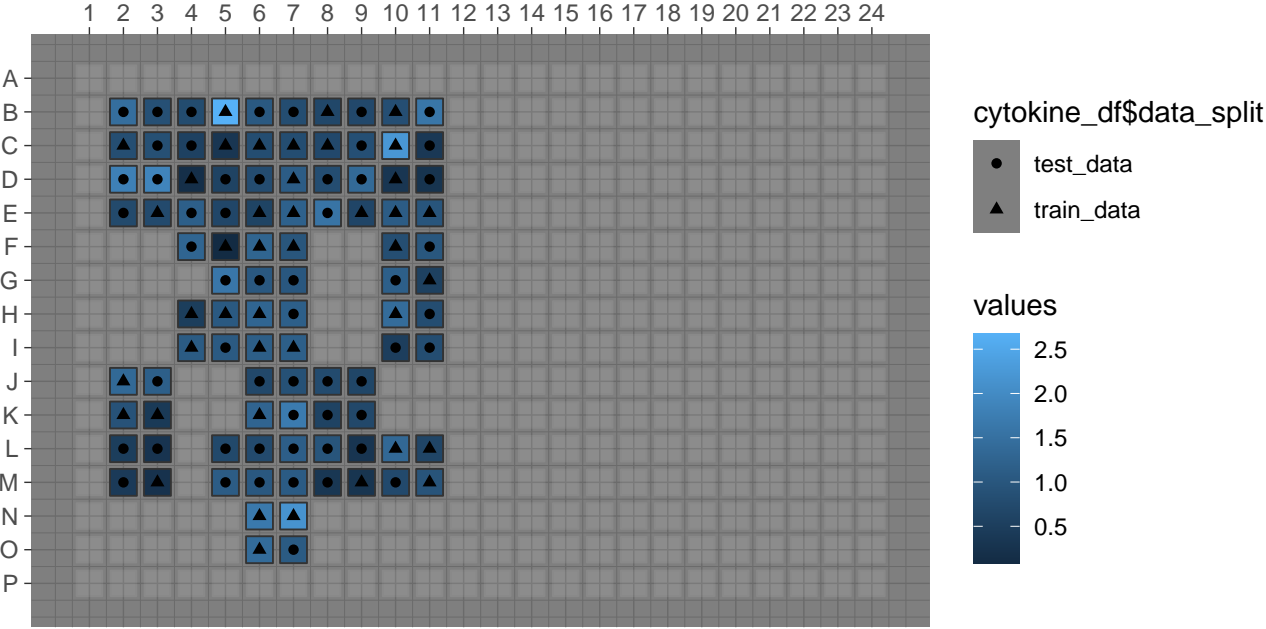Predictive Performance of M−CFR(CD115) per Well (Shuffled_baseline model)

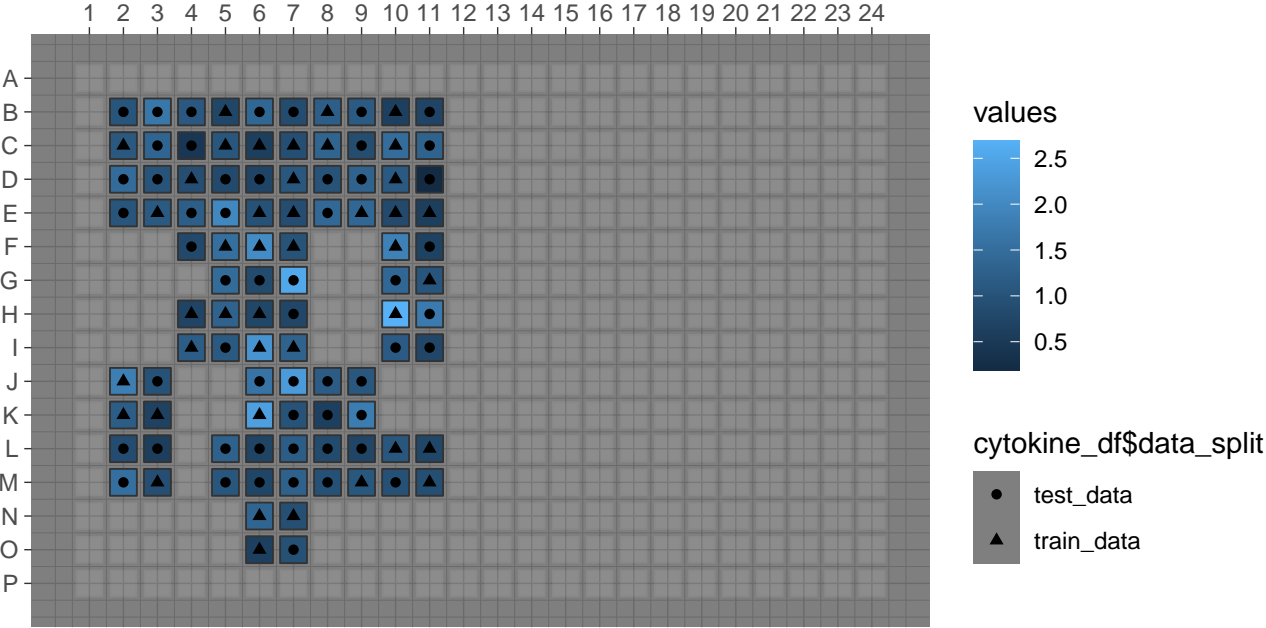Predictive Performance of TWEAK per Well (Shuffled_baseline model)

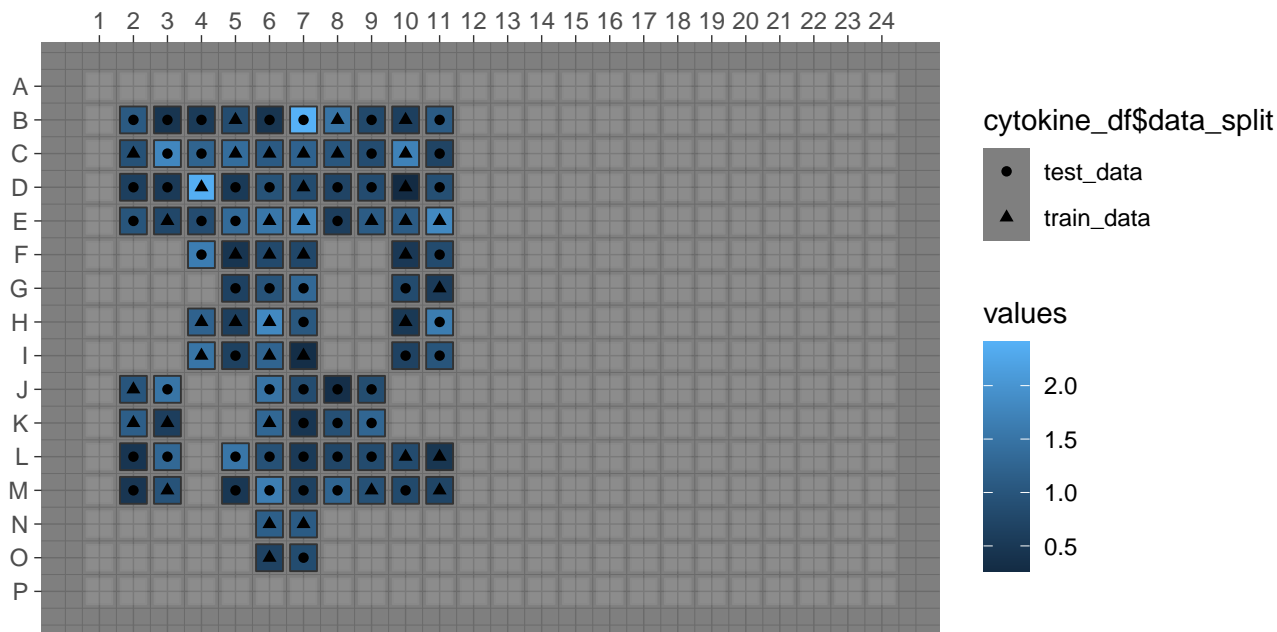Predictive Performance of CXCL10 per Well (Shuffled_baseline model)

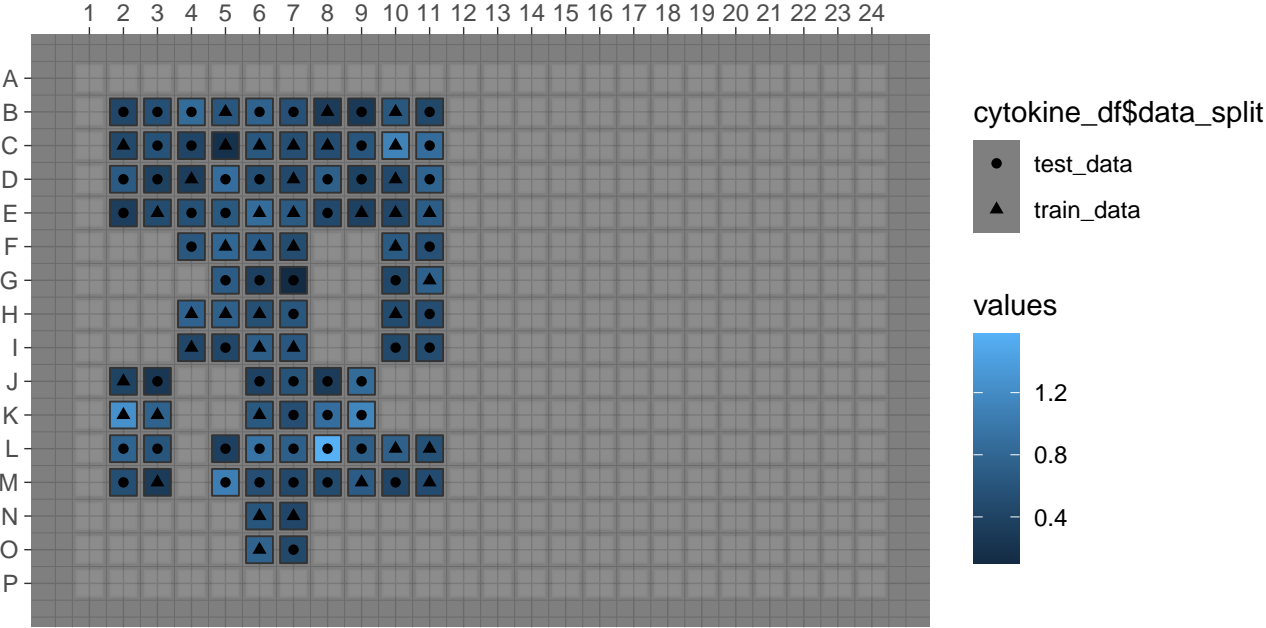Predictive Performance of IL−15 per Well (Shuffled_baseline model)

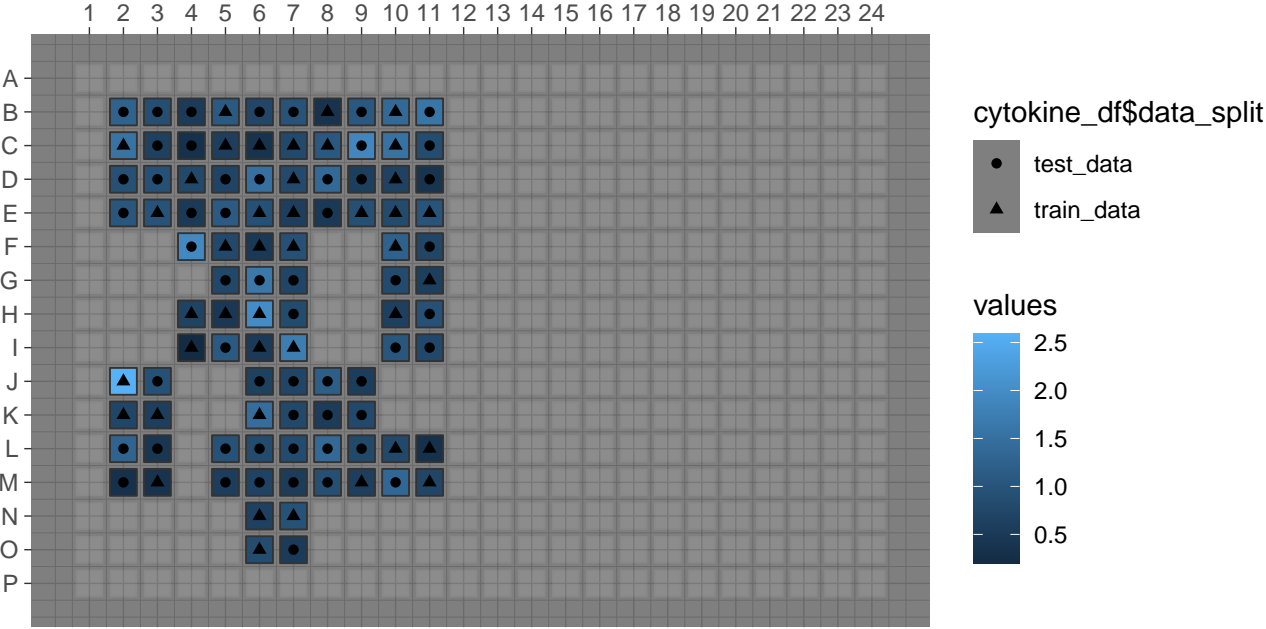Predictive Performance of C5_C5a per Well (Shuffled_baseline model)

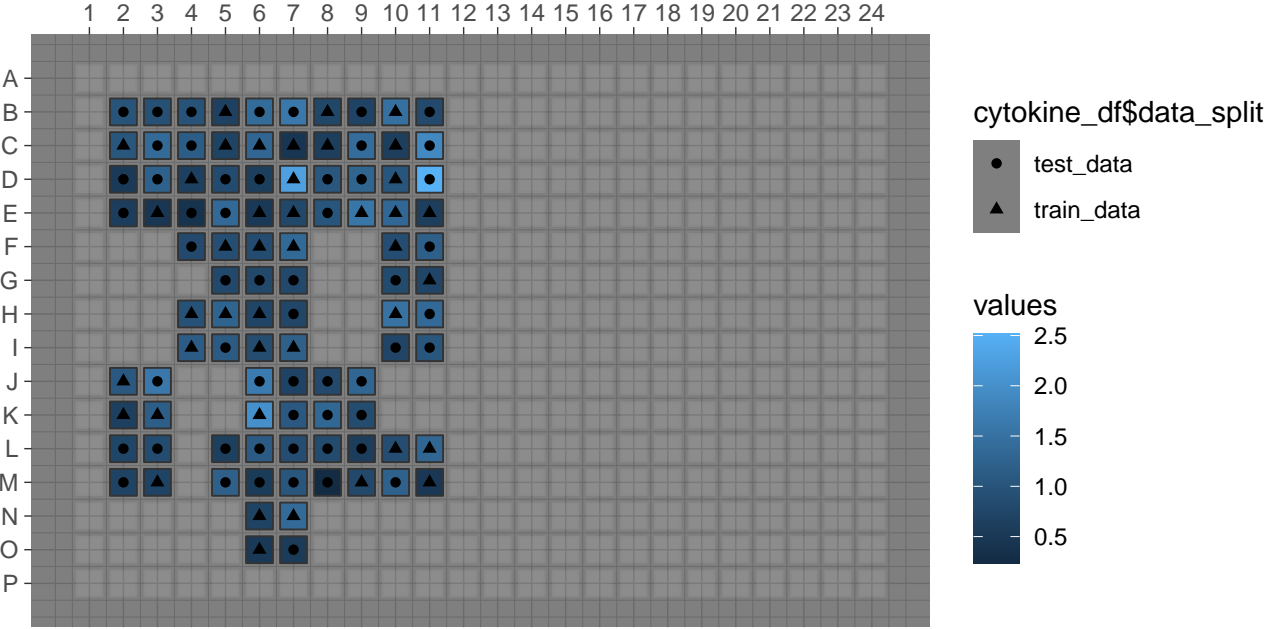Predictive Performance of FGF−4 per Well (Shuffled_baseline model)

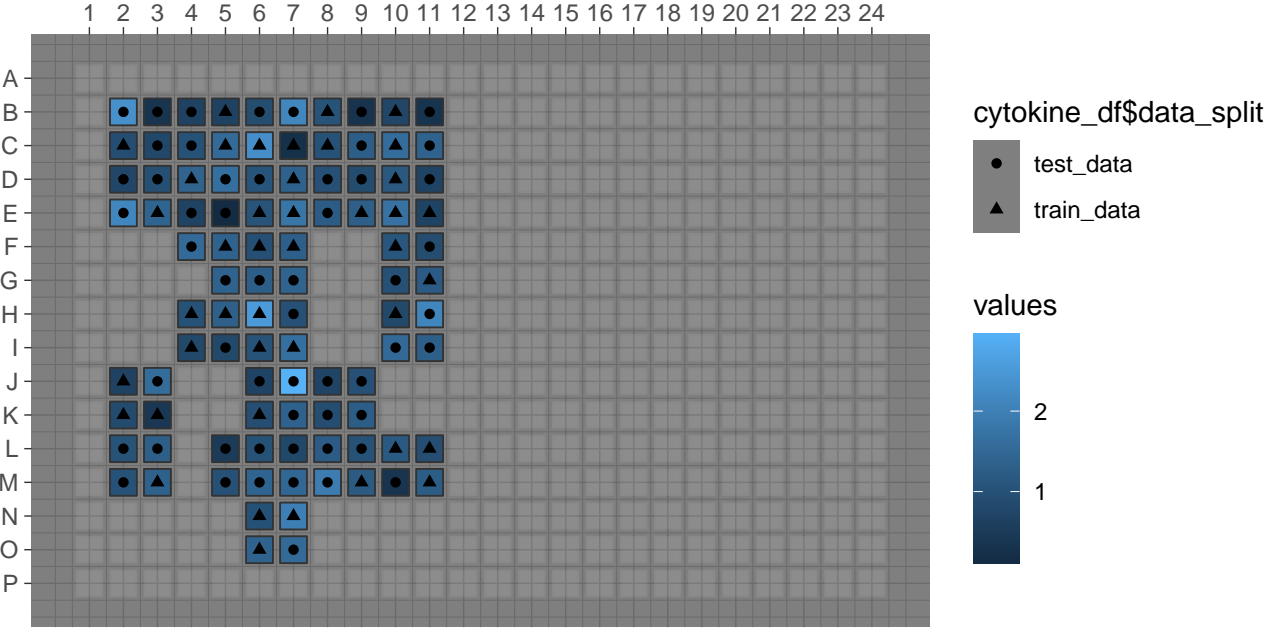Predictive Performance of OncostatinM(OM) per Well (Shuffled_baseline model)

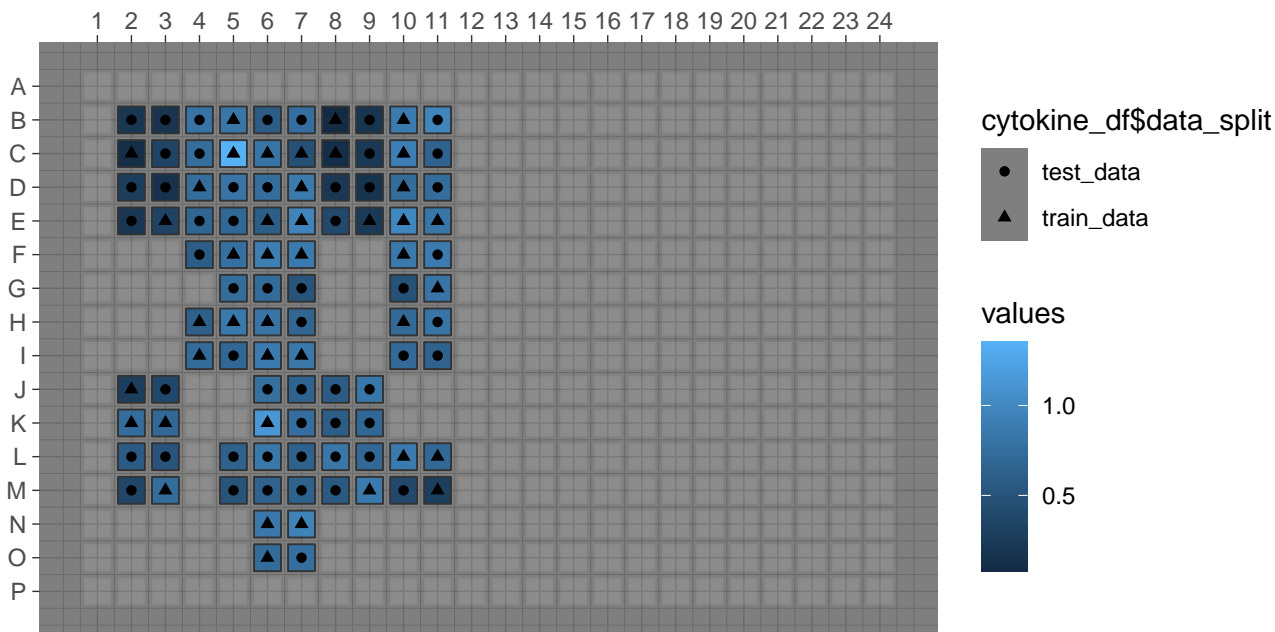Predictive Performance of CD30 per Well (Shuffled_baseline model)

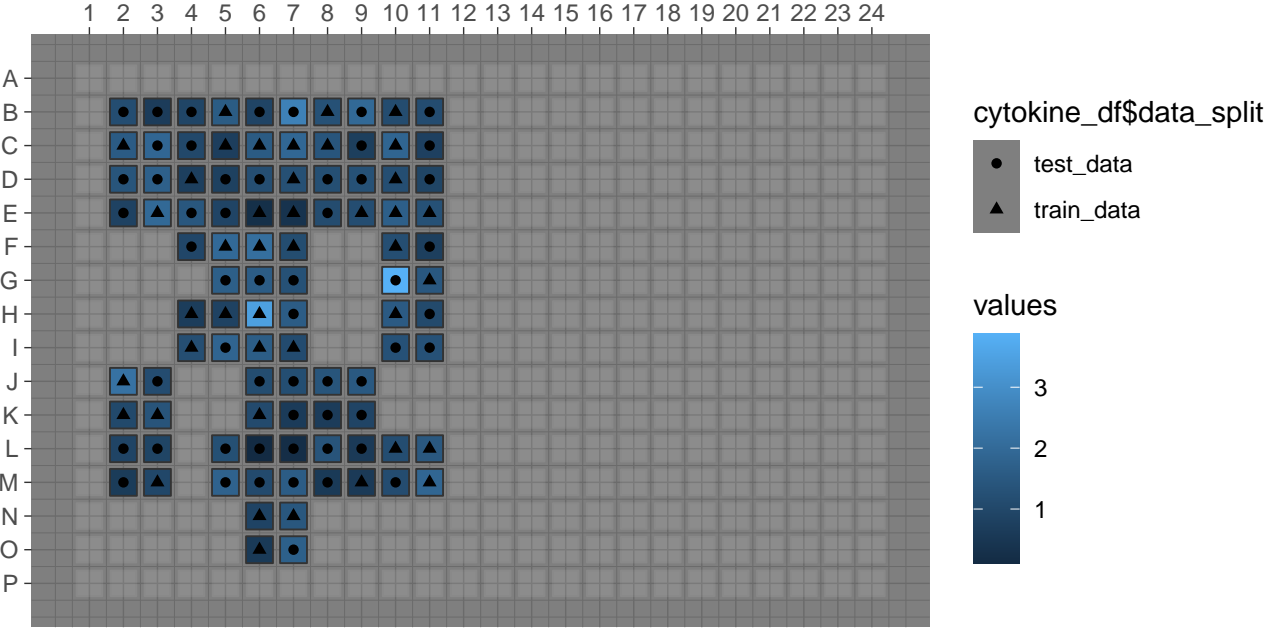Predictive Performance of VEGF−C per Well (Shuffled_baseline model)

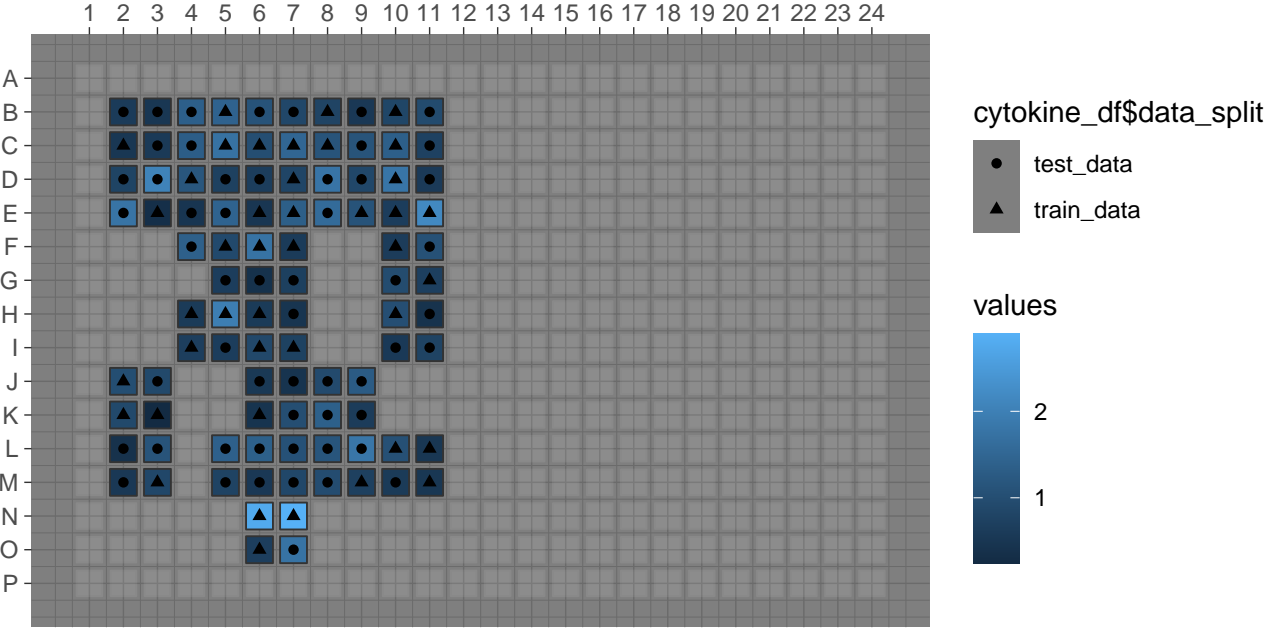Predictive Performance of CCL27 per Well (Shuffled_baseline model)

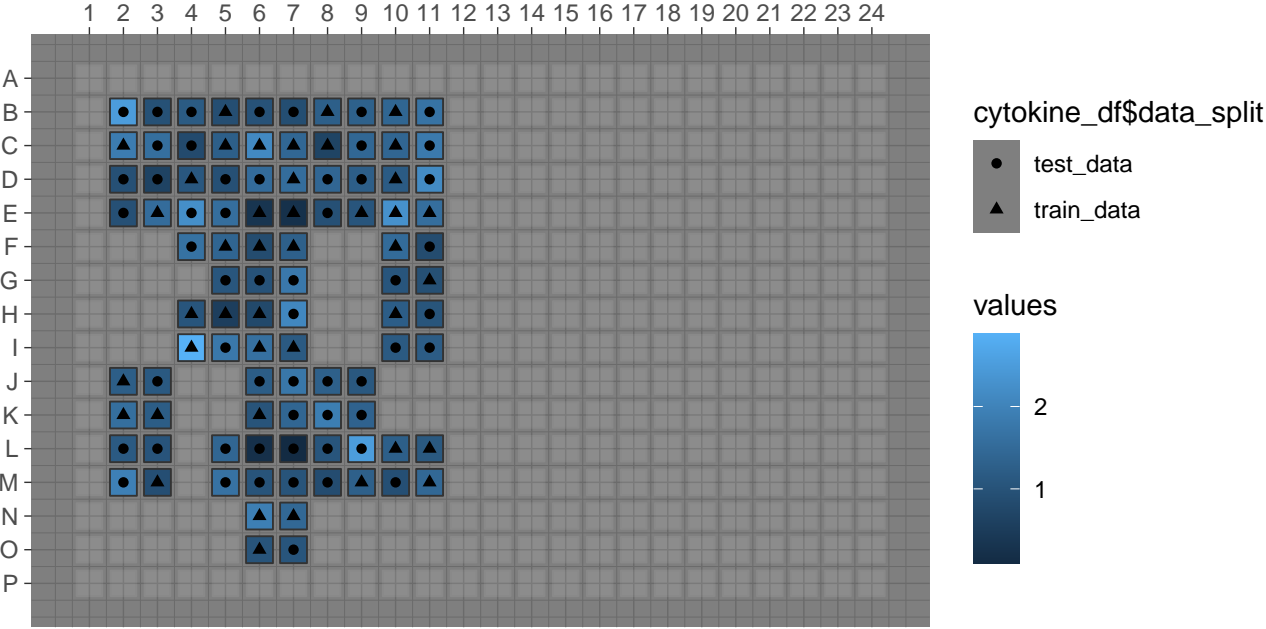Predictive Performance of IL−12p40 per Well (Shuffled_baseline model)

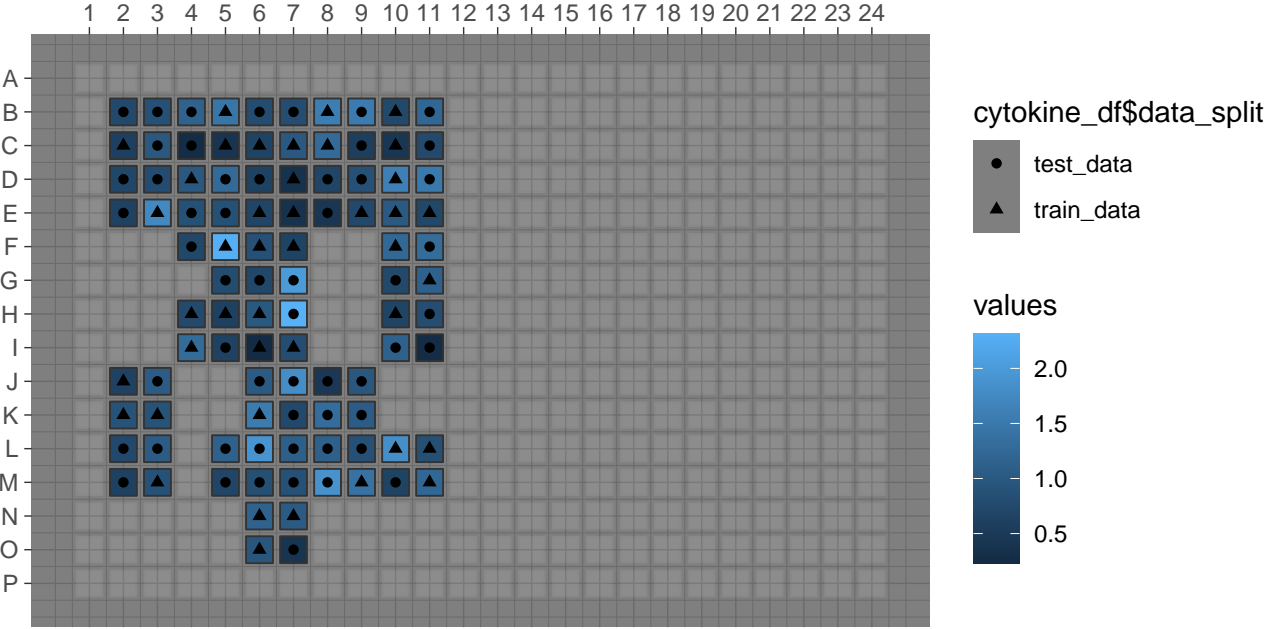Predictive Performance of IL−17A per Well (Shuffled_baseline model)

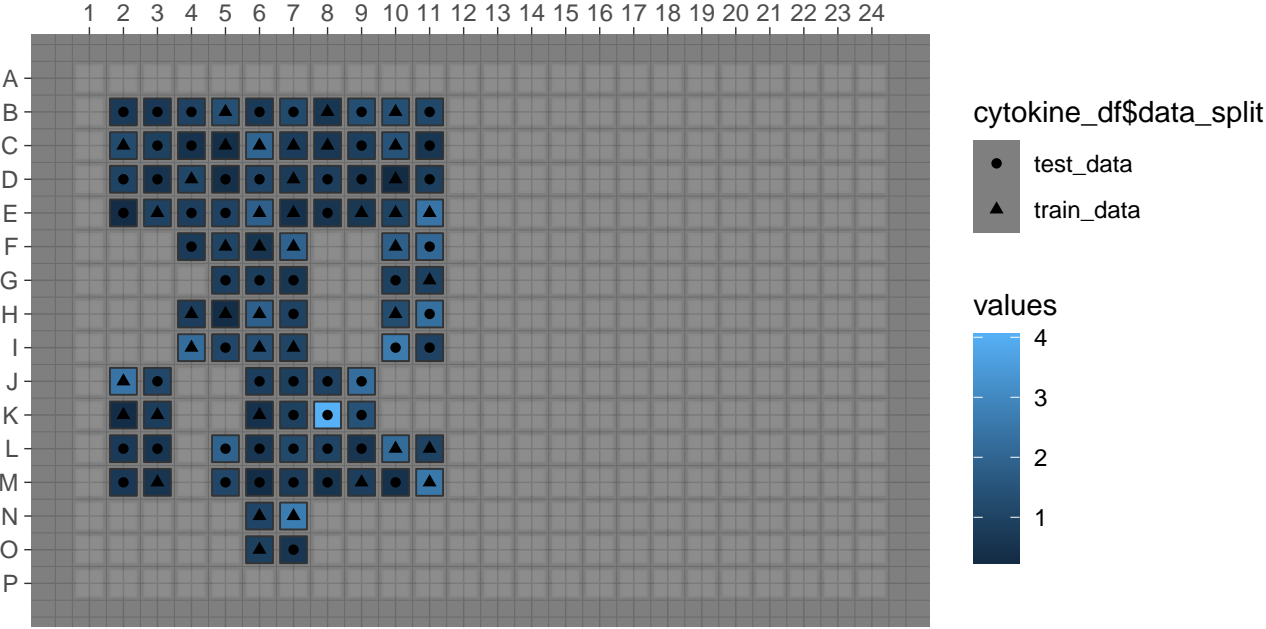Predictive Performance of CCL25 per Well (Shuffled_baseline model)

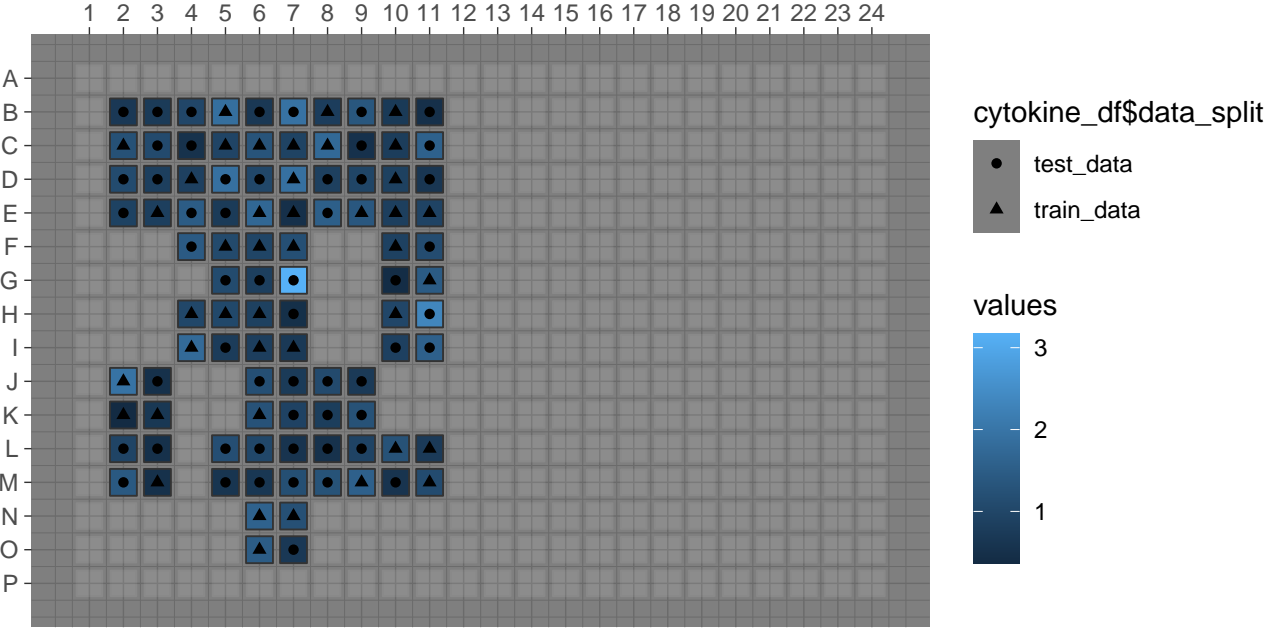Predictive Performance of IL−2 per Well (Shuffled_baseline model)

Predictive Performance of MMP−2 per Well (Shuffled_baseline model)

Predictive Performance of FGF−1 per Well (Shuffled_baseline model)

Predictive Performance of IL−5 per Well (Shuffled_baseline model)

Predictive Performance of CXCL12(beta) per Well (Shuffled_baseline model)

Predictive Performance of TRAIL per Well (Shuffled_baseline model)

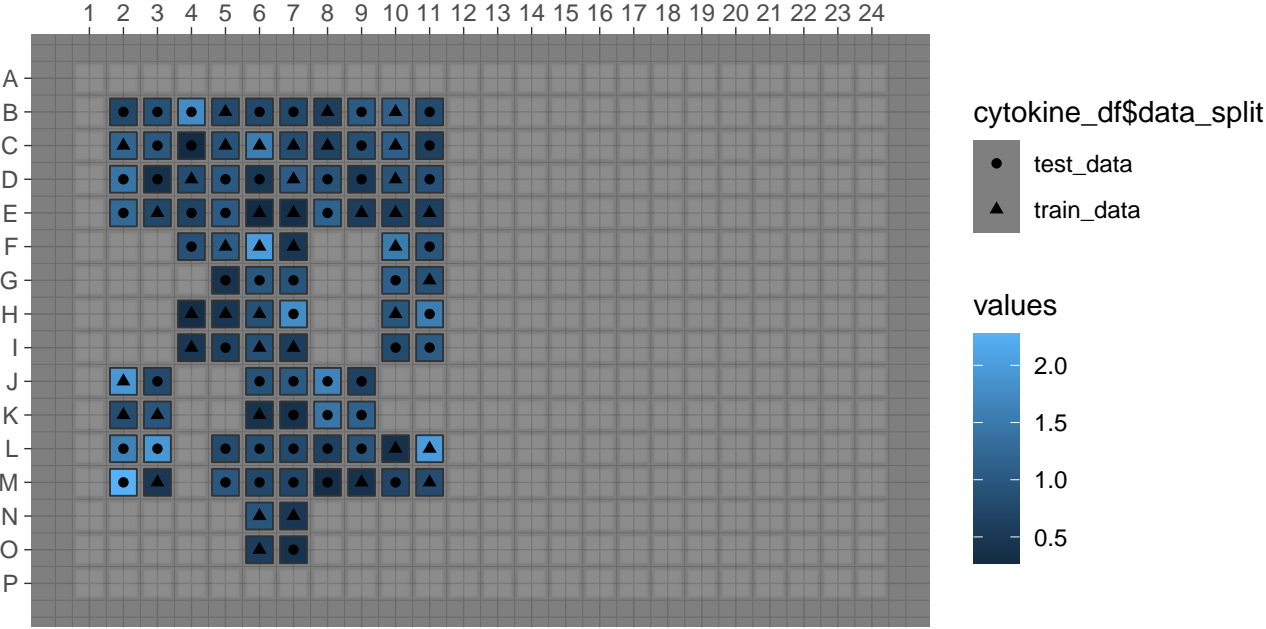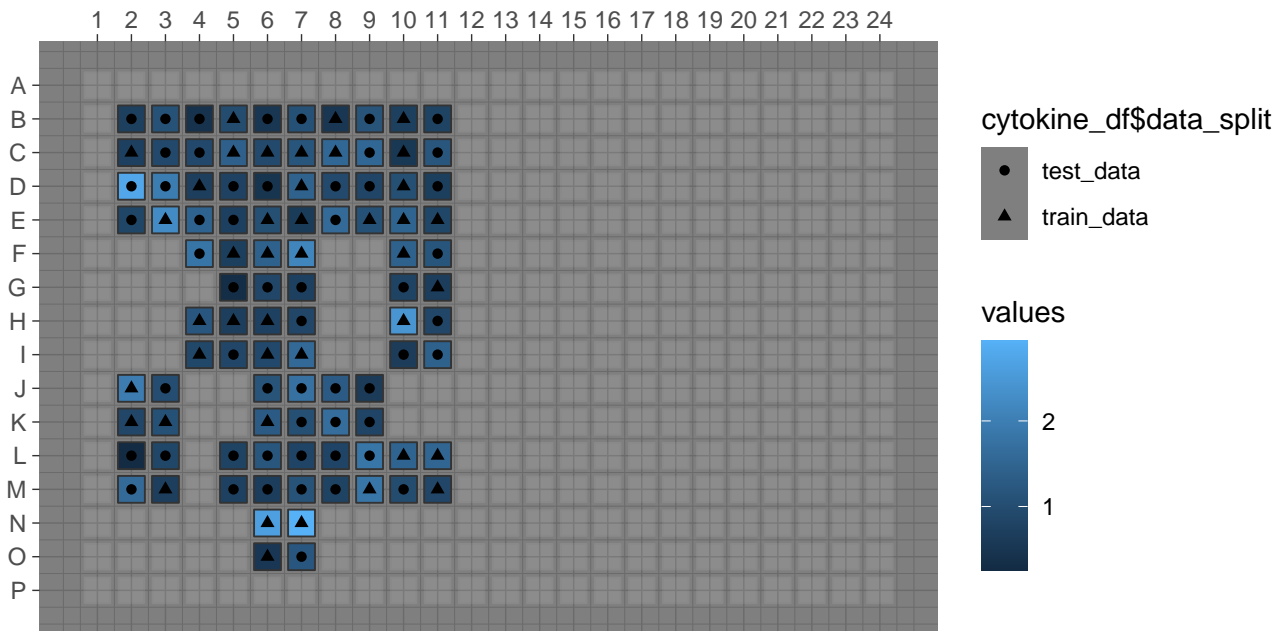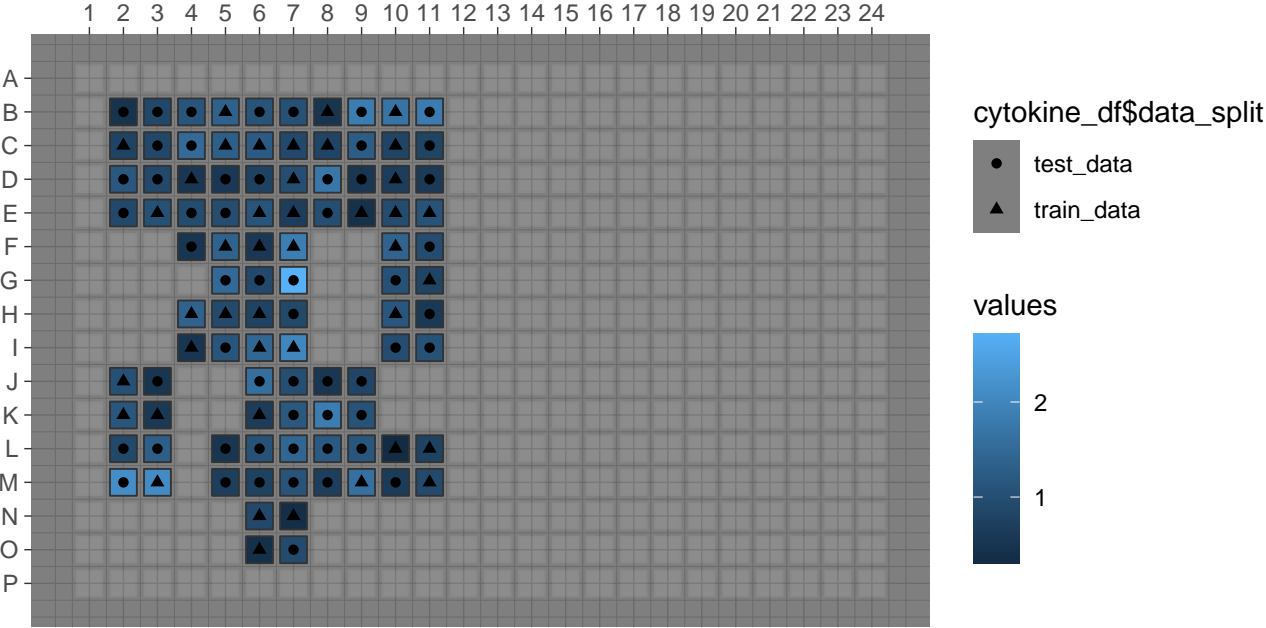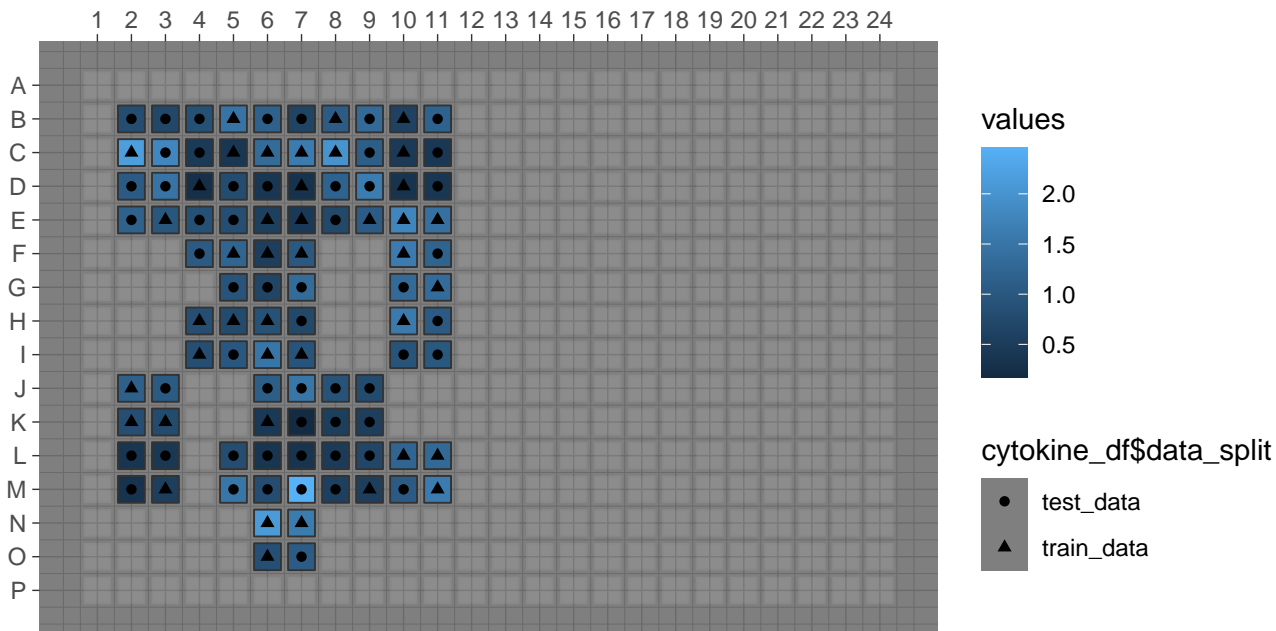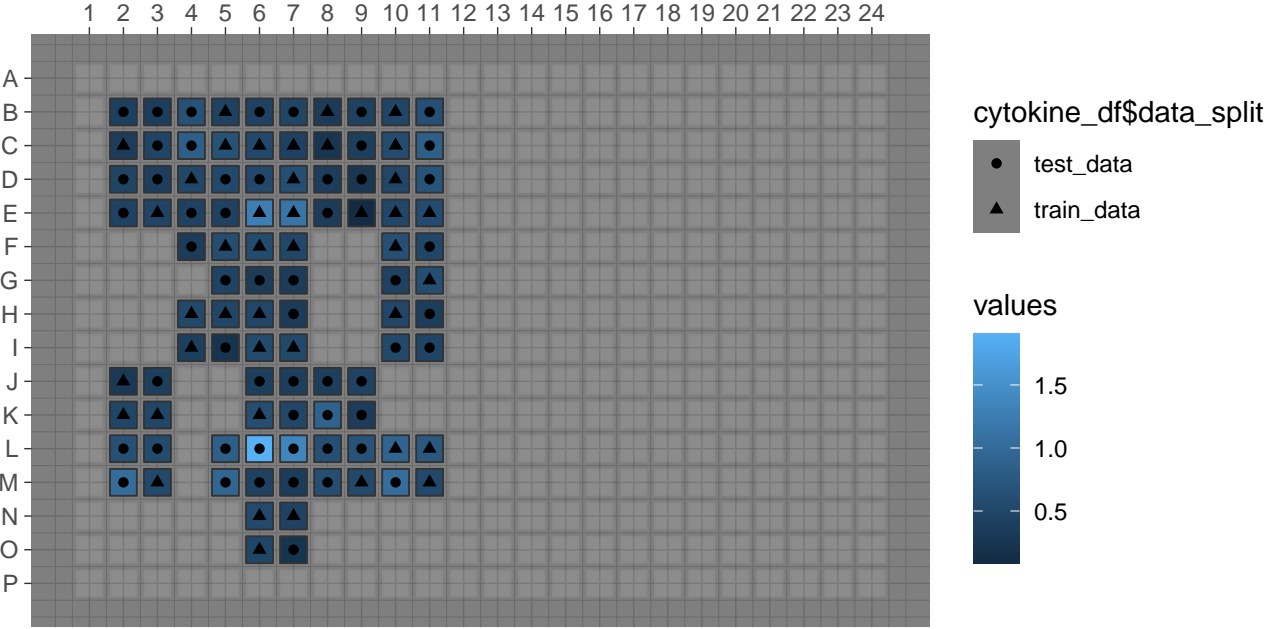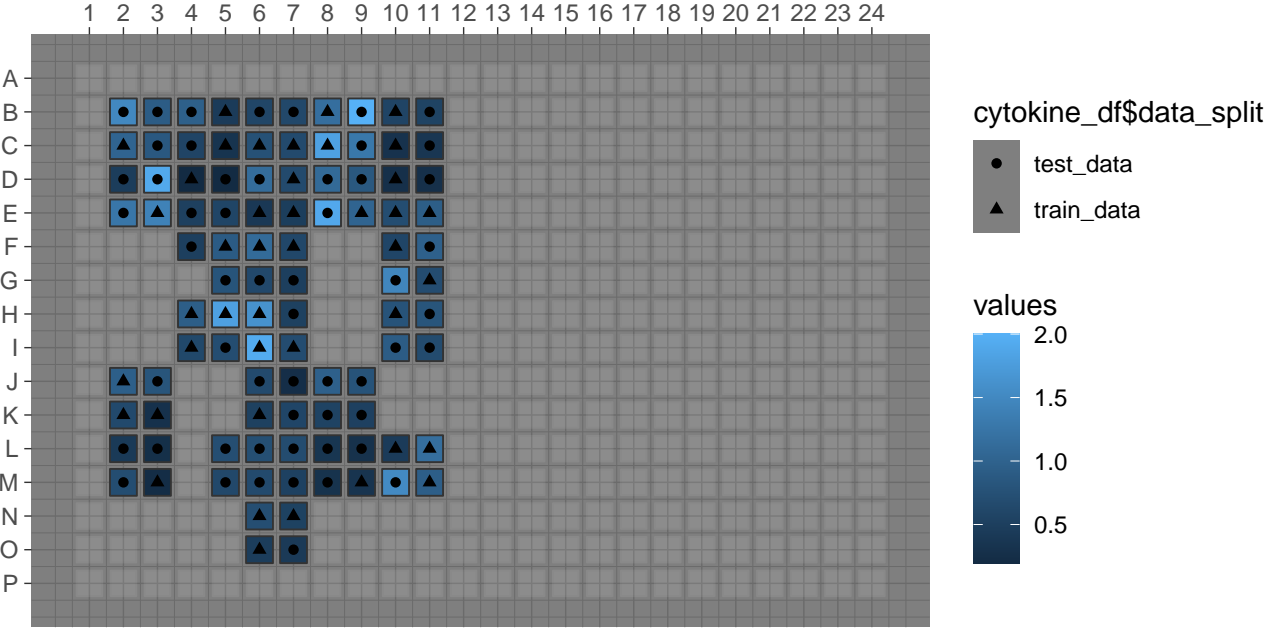Predictive Performance of TGF−beta1(total) per Well (Shuffled_baseline model)

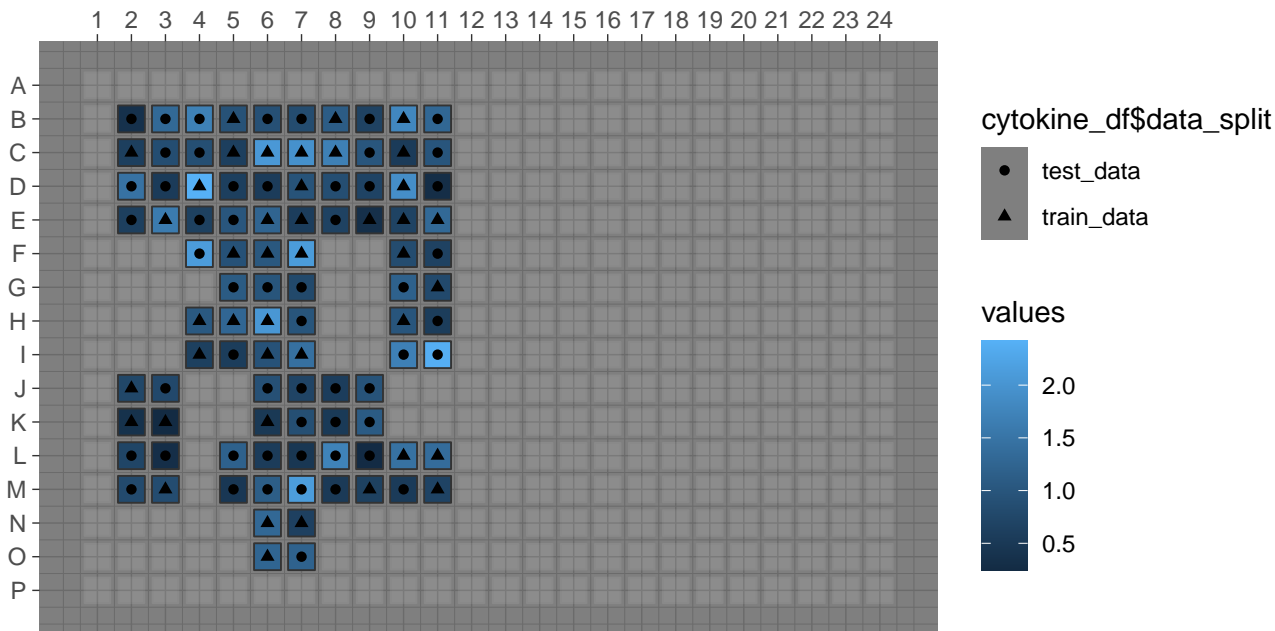Predictive Performance of CD14 per Well (Shuffled_baseline model)

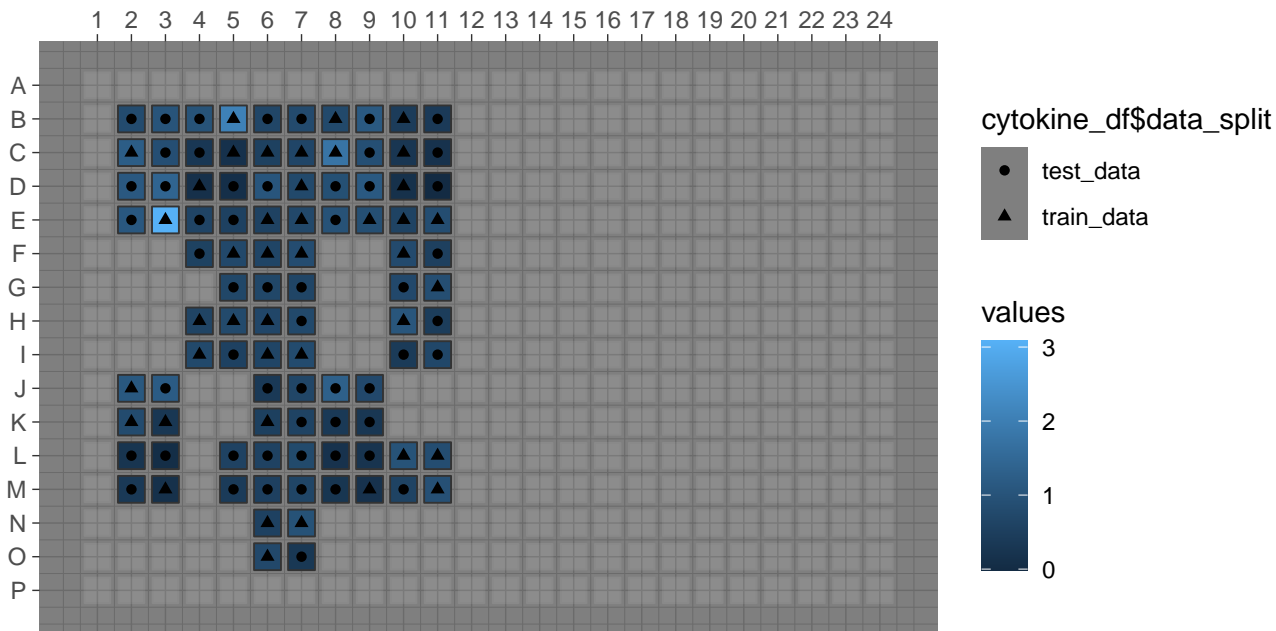Predictive Performance of CCL5 per Well (Shuffled_baseline model)

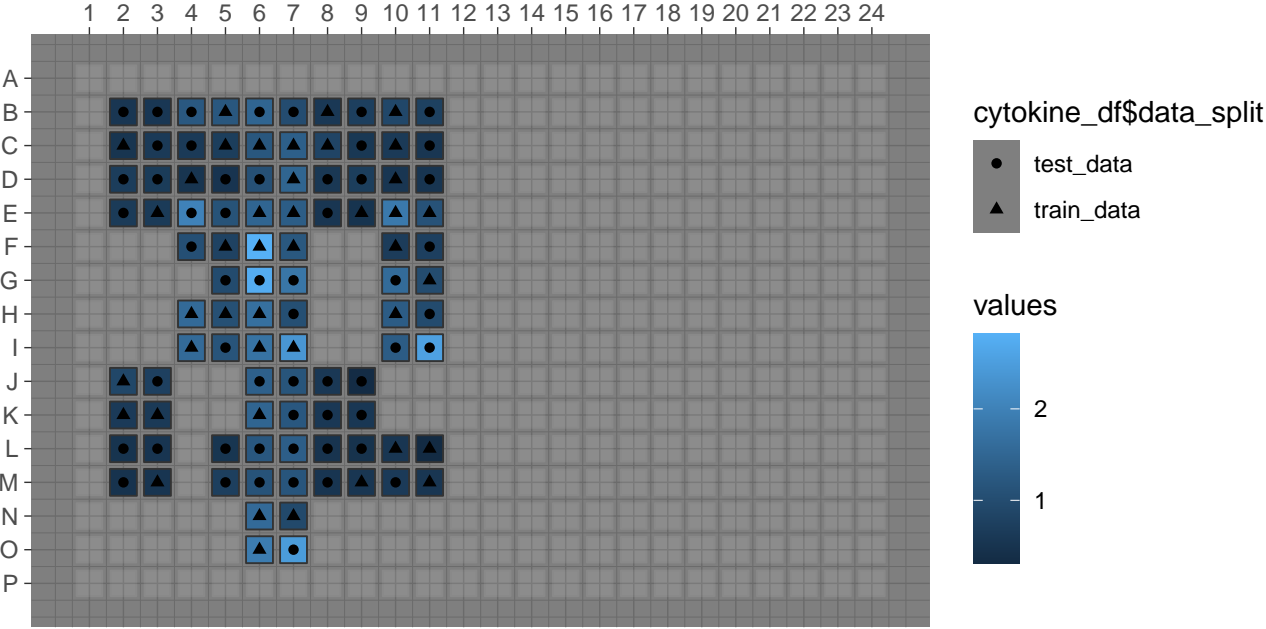Predictive Performance of MIF per Well (Shuffled_baseline model)

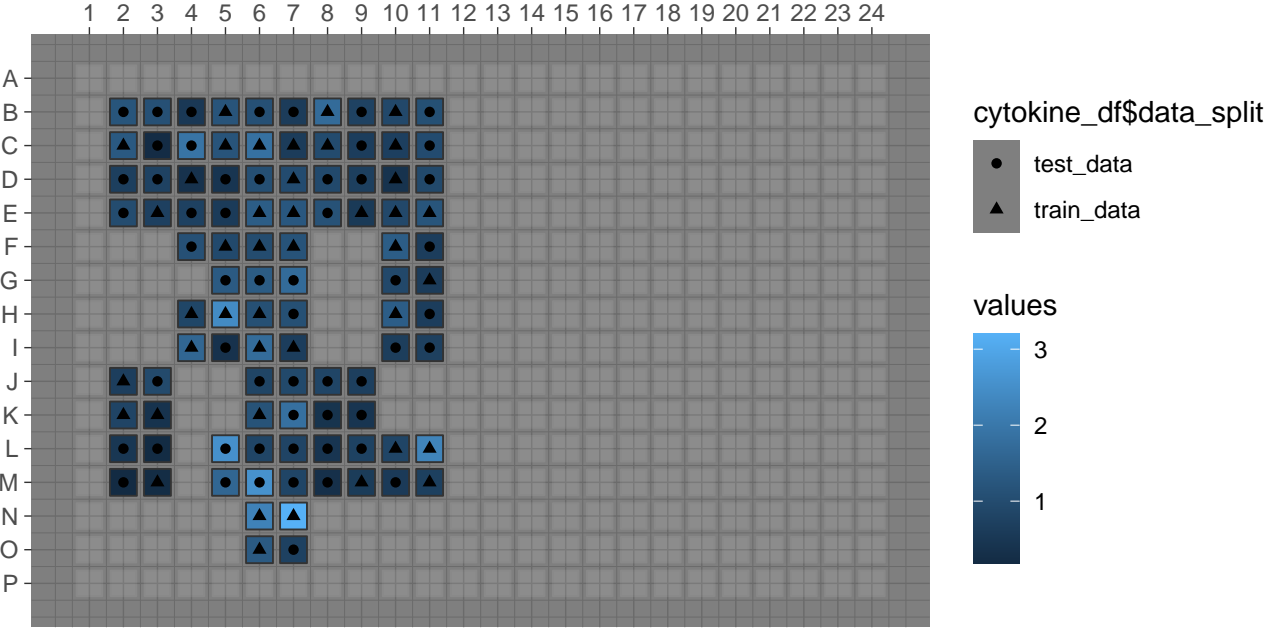Predictive Performance of VEGF−A(165) per Well (Shuffled_baseline model)

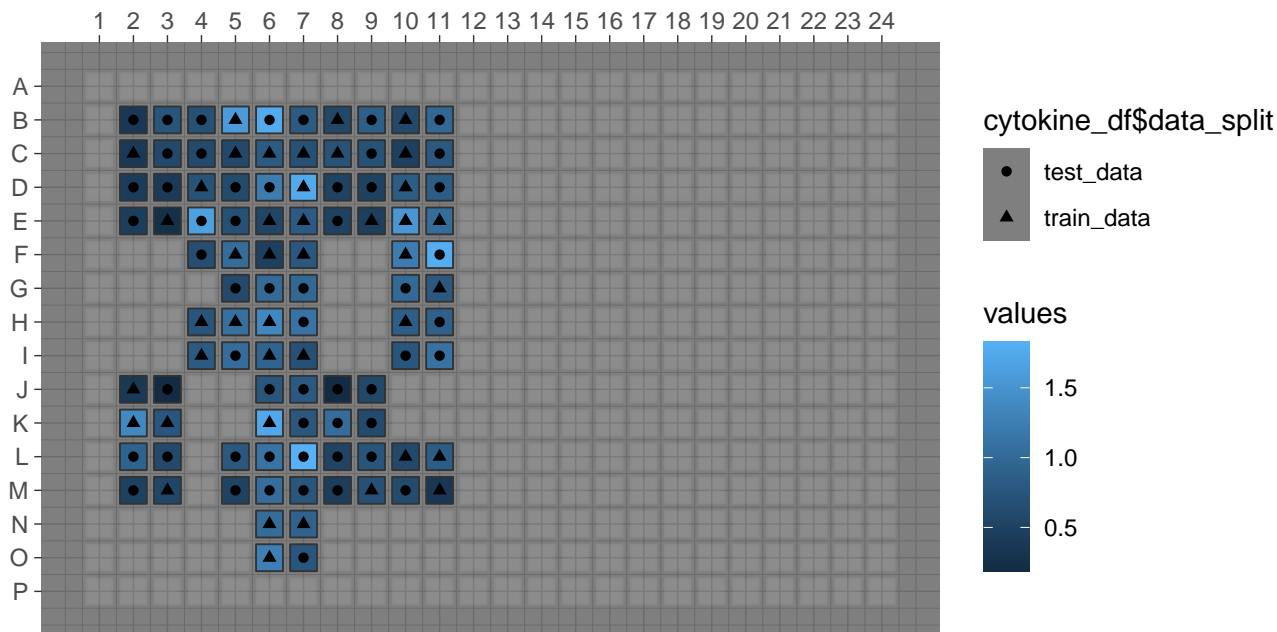Predictive Performance of IL−16 per Well (Shuffled_baseline model)

Predictive Performance of MMP−1 per Well (Shuffled_baseline model)

Predictive Performance of Tie−2 per Well (Shuffled_baseline model)

Predictive Performance of IL−10 per Well (Shuffled_baseline model)

Predictive Performance of CCL11 per Well (Shuffled_baseline model)

Predictive Performance of CXCL1 per Well (Shuffled_baseline model)

Predictive Performance of MMP−12 per Well (Shuffled_baseline model)
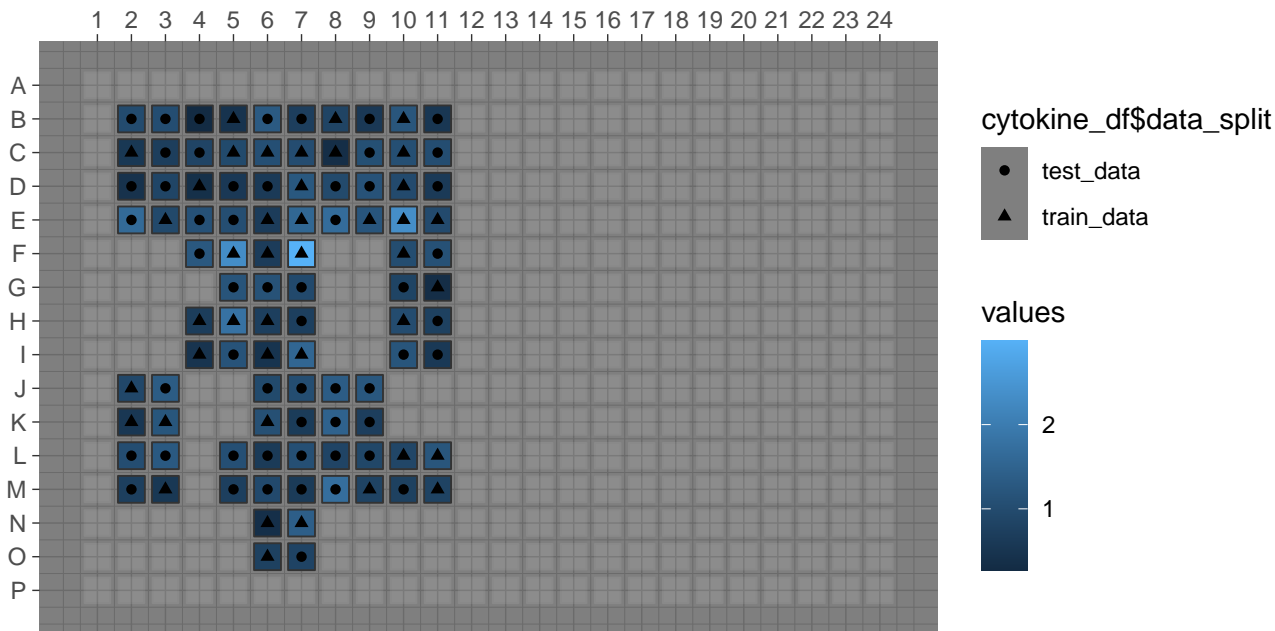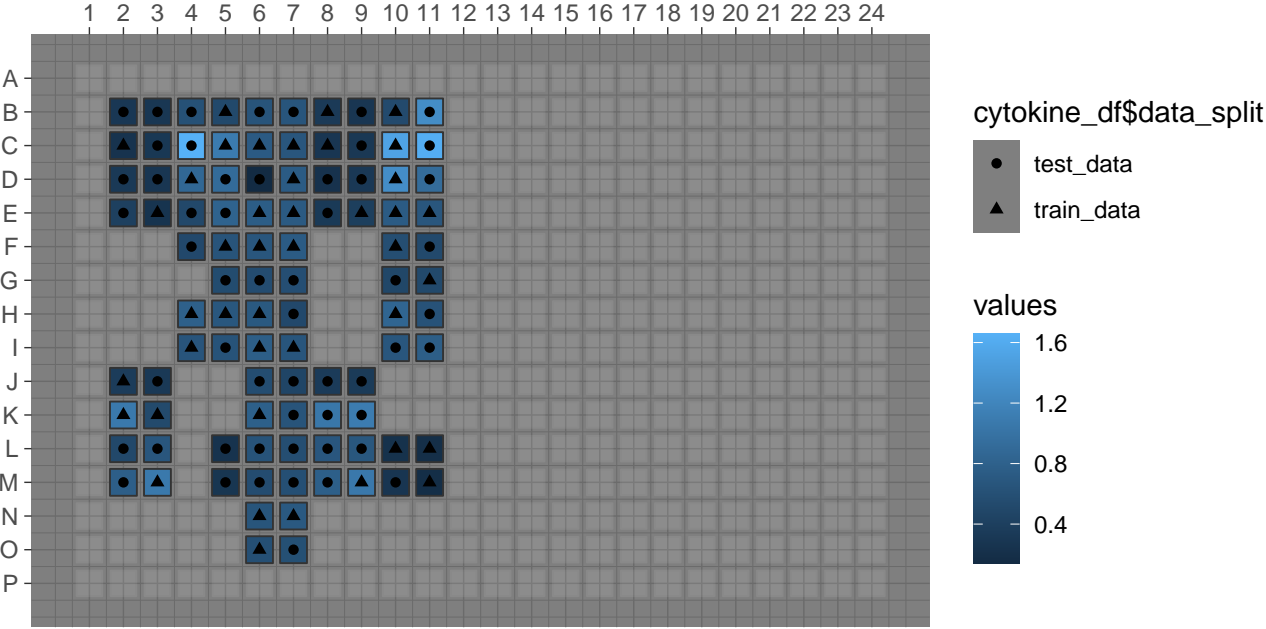
Predictive Performance of CCL13 per Well (Shuffled_baseline model)

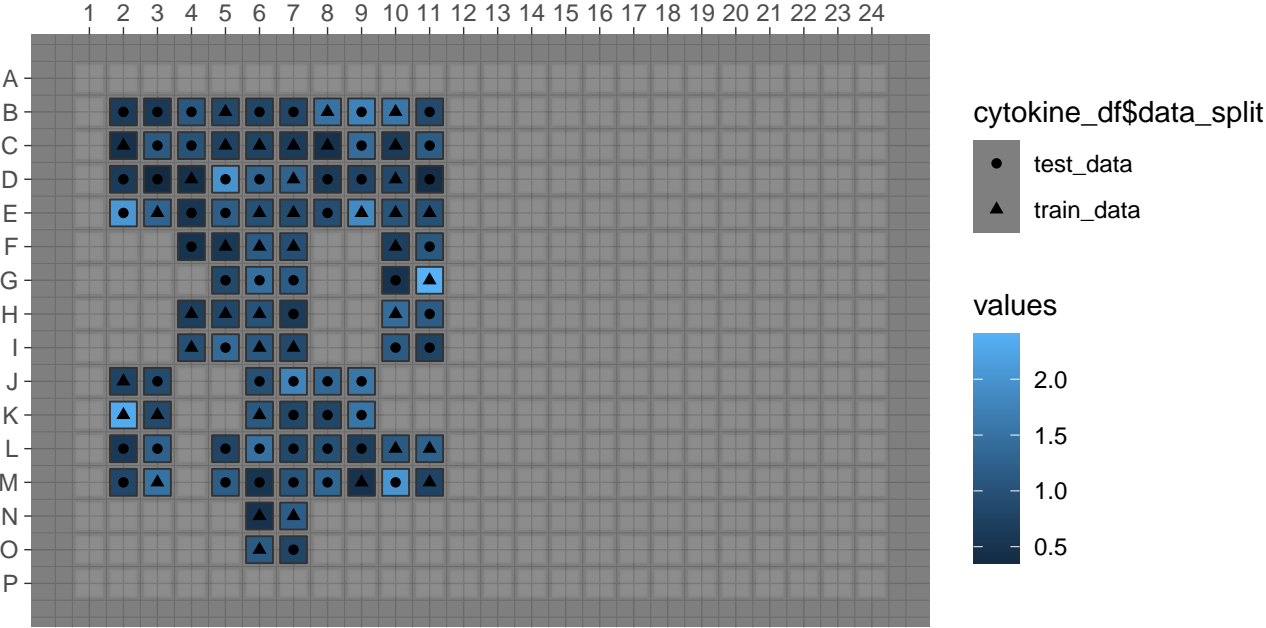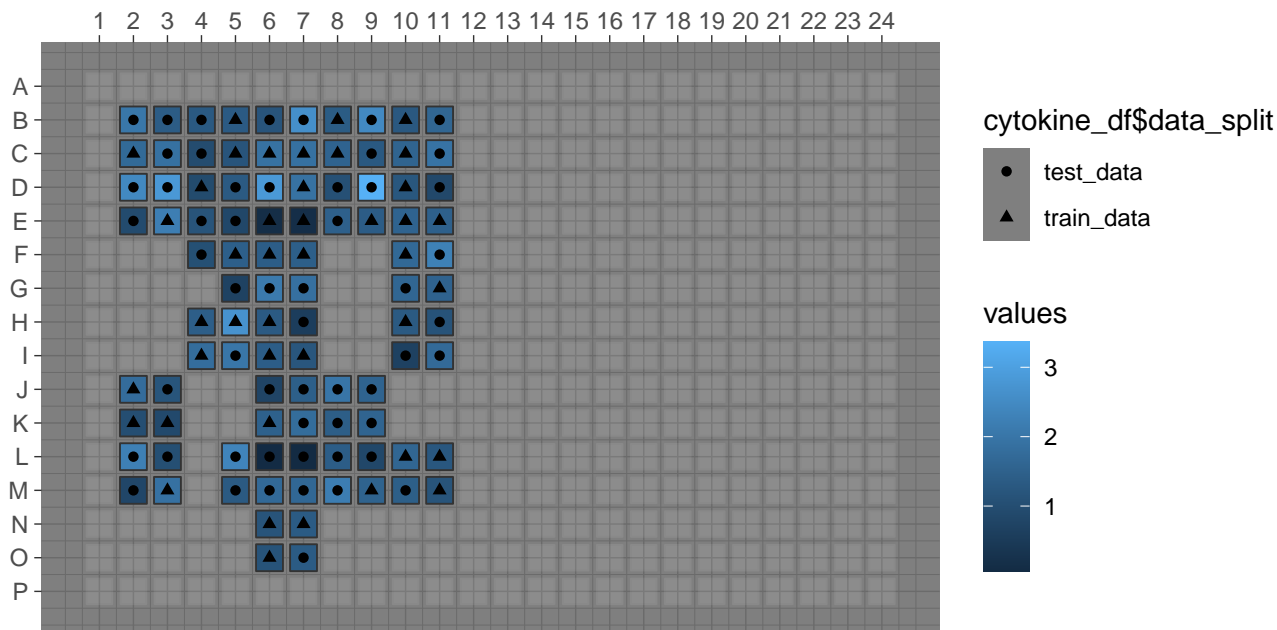Predictive Performance of IL−1beta per Well (Shuffled_baseline model)

Predictive Performance of CXCL11 per Well (Shuffled_baseline model)

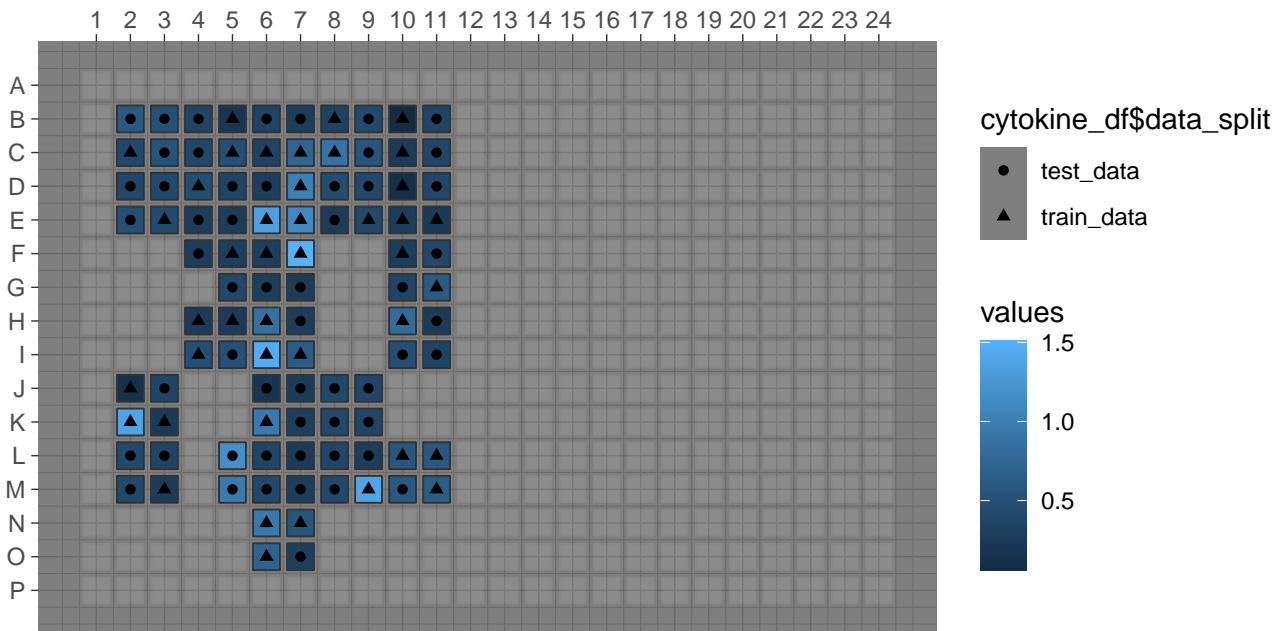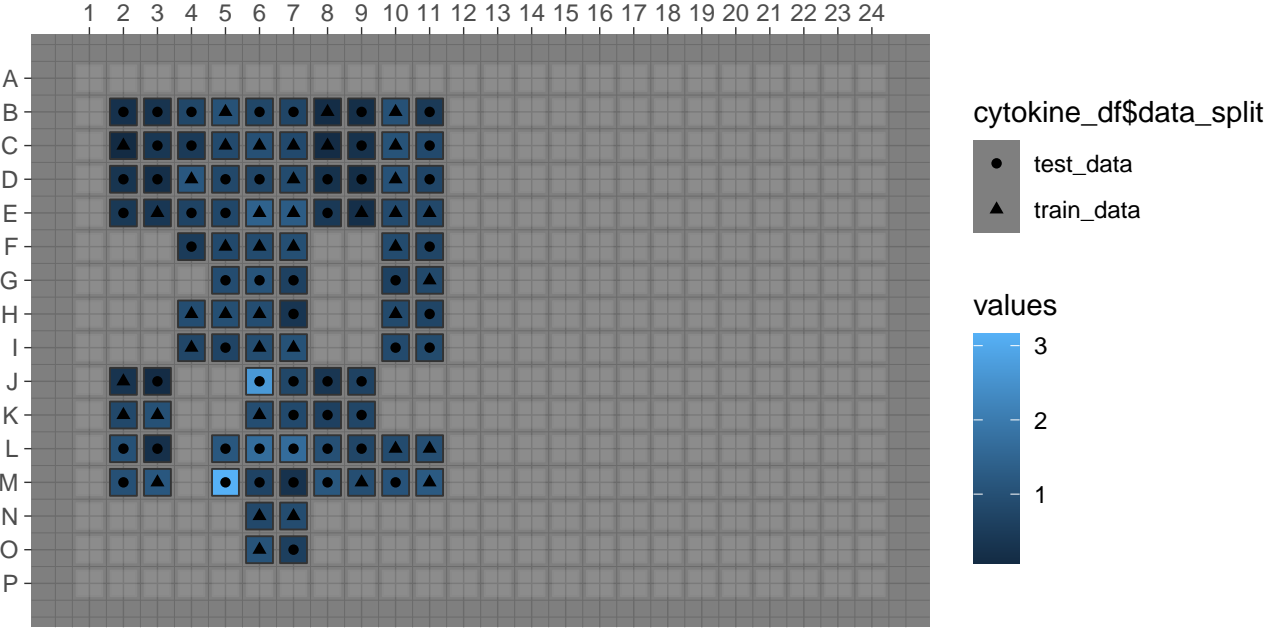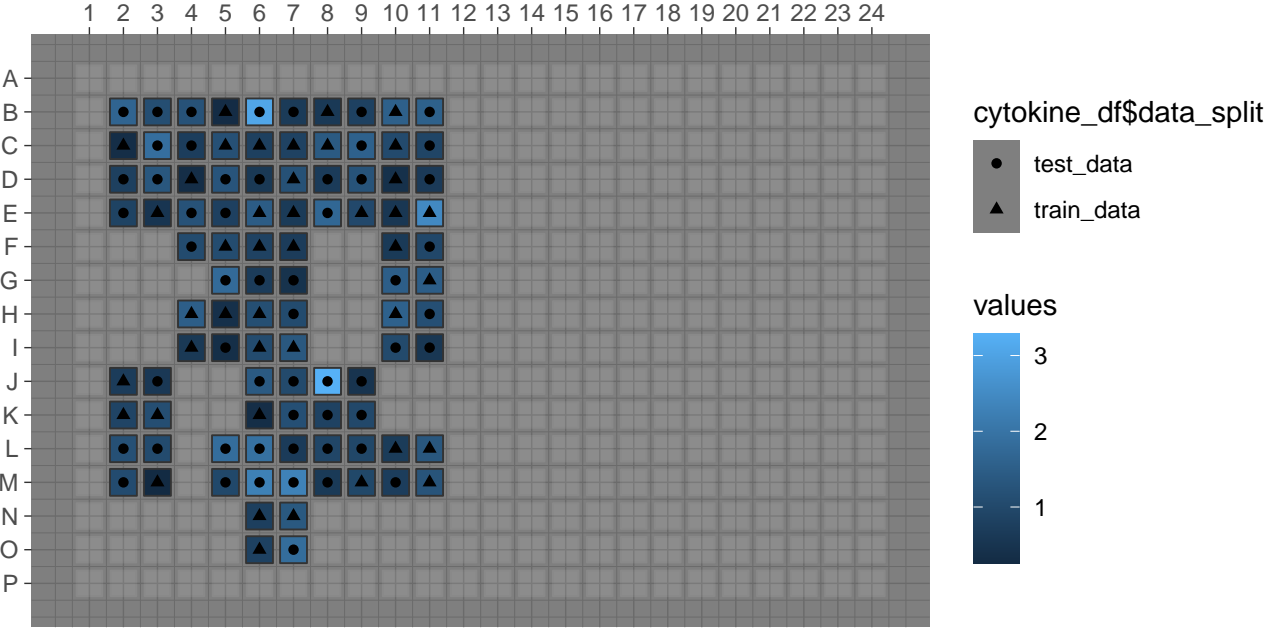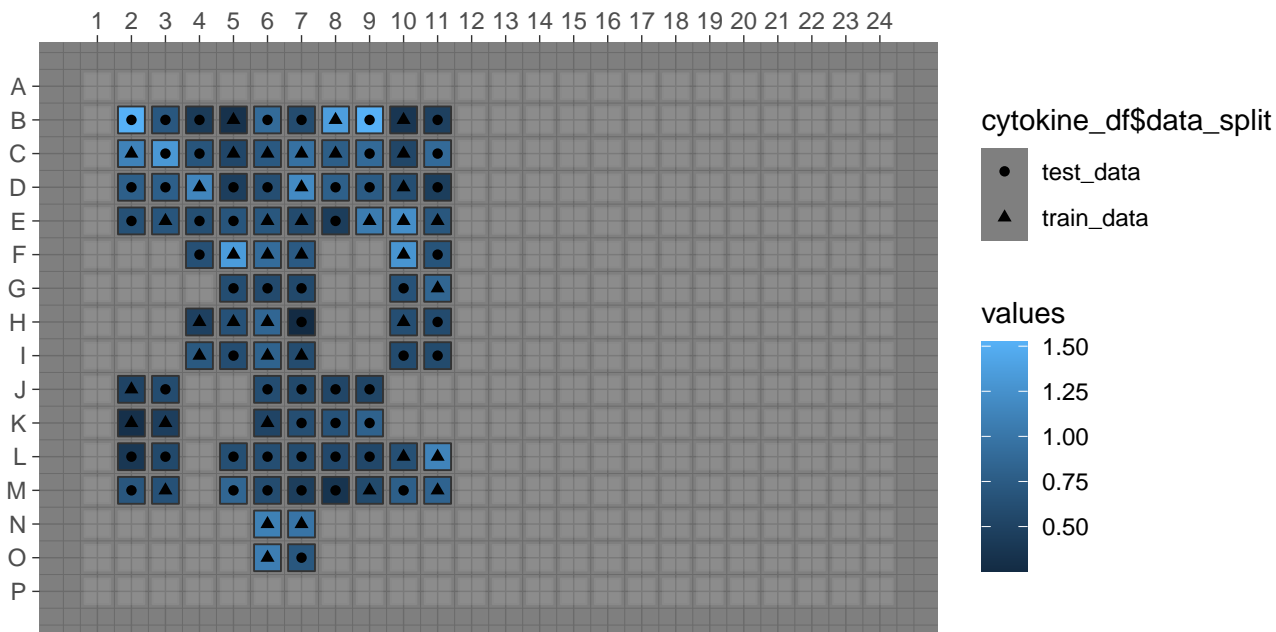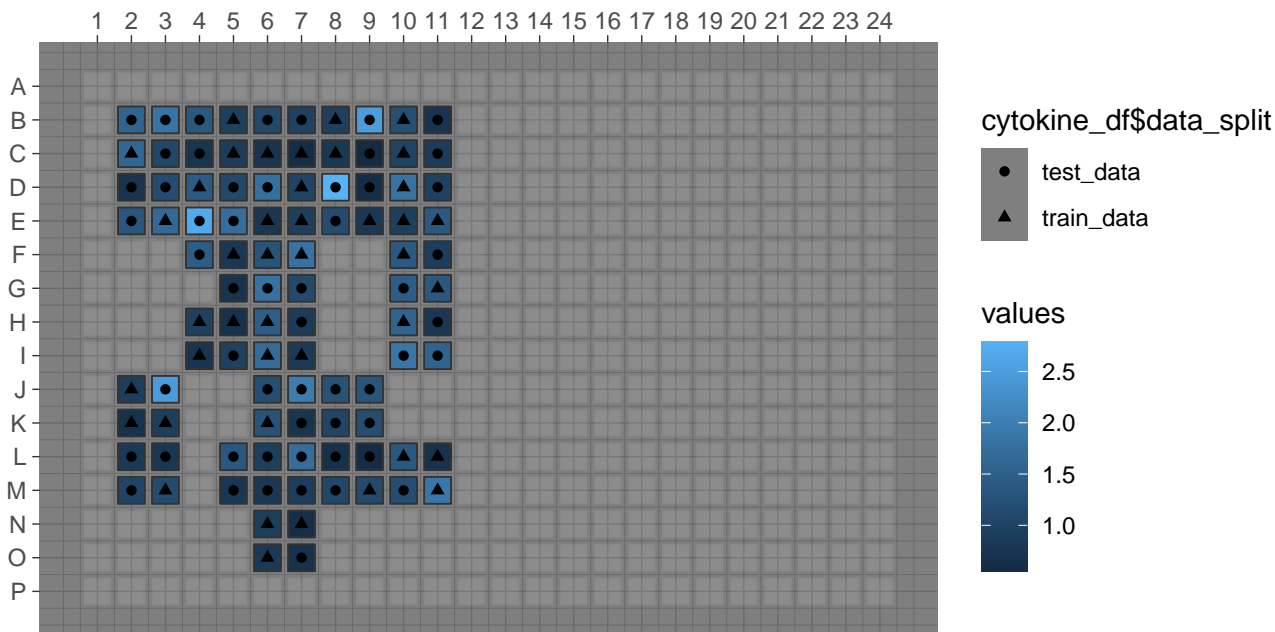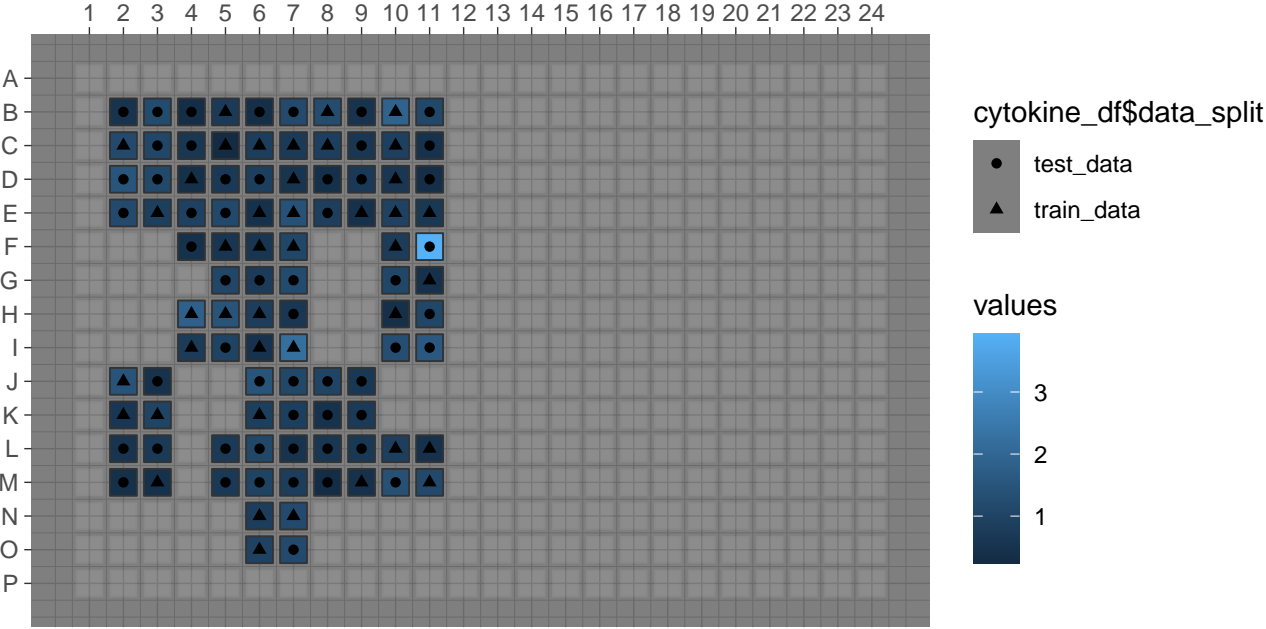Predictive Performance of IL−9 per Well (Shuffled_baseline model)

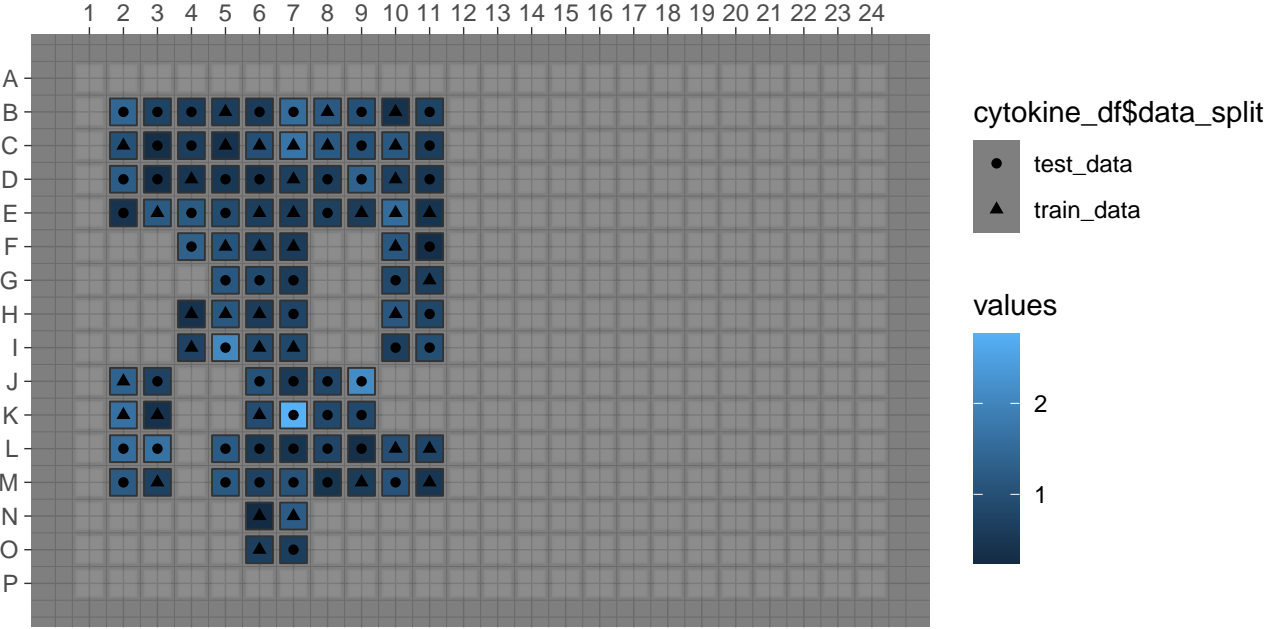Predictive Performance of IL−18 per Well (Shuffled_baseline model)

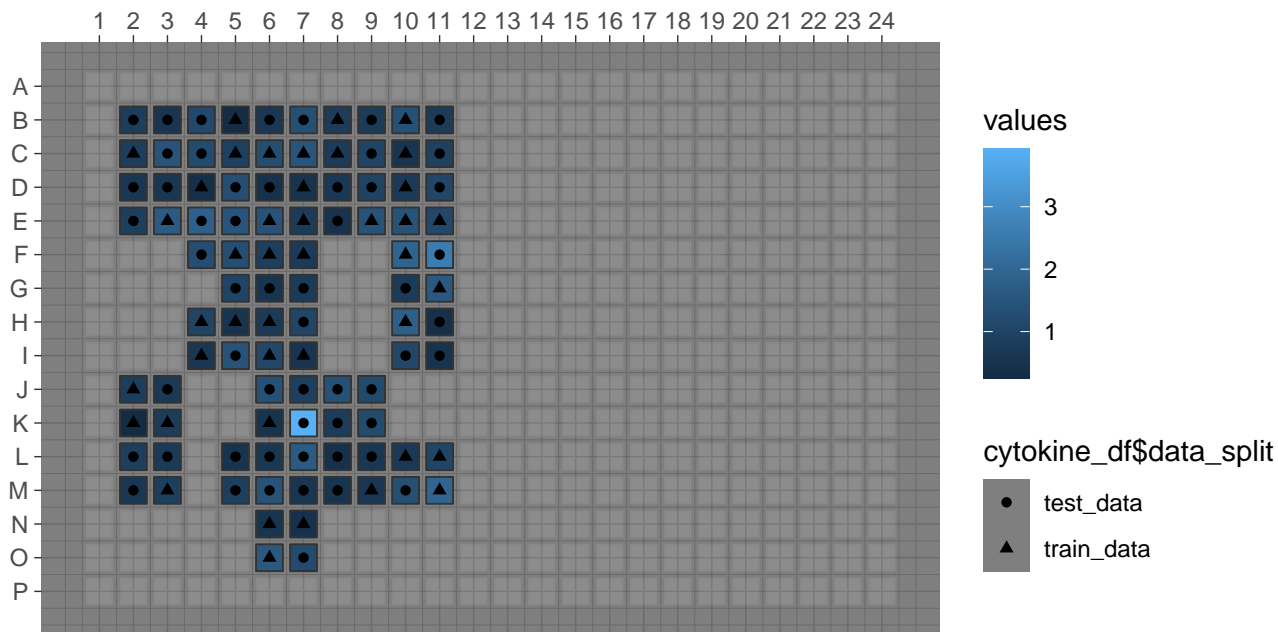Predictive Performance of BMP4 per Well (Shuffled_baseline model)

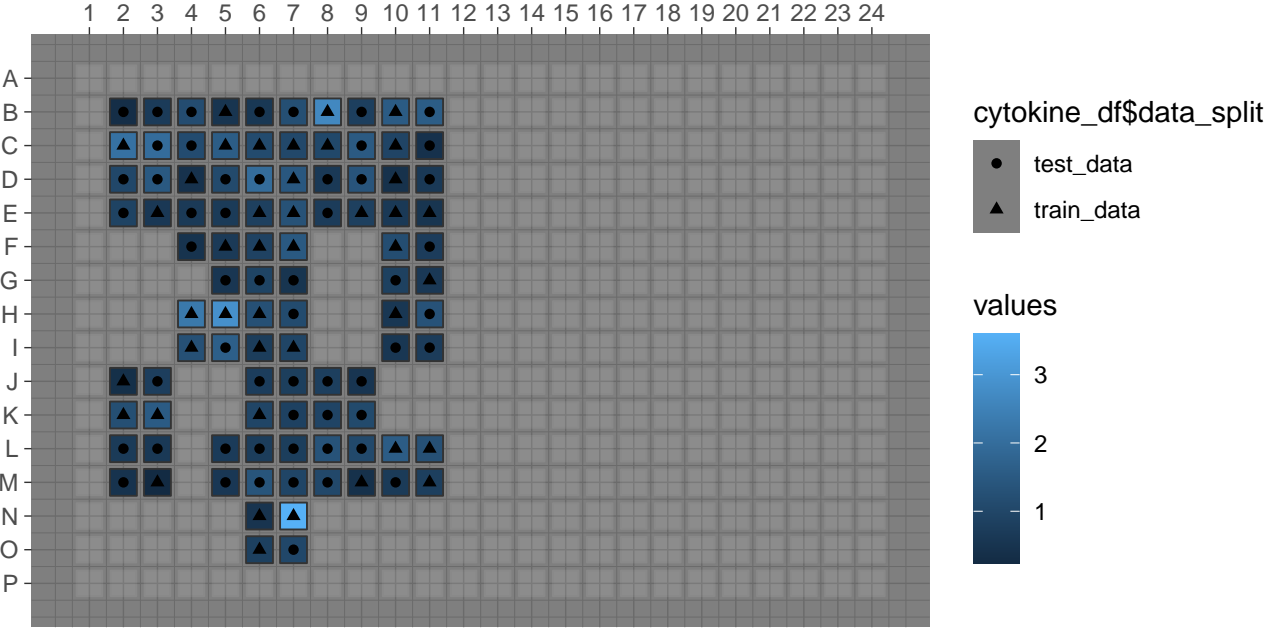Predictive Performance of ICAM−1 per Well (Shuffled_baseline model)

Predictive Performance of IL−23 per Well (Shuffled_baseline model)

Predictive Performance of FGF−21 per Well (Shuffled_baseline model)

Predictive Performance of IL−35 per Well (Shuffled_baseline model)

Predictive Performance of LOX1(OLR1) per Well (Shuffled_baseline model)

Predictive Performance of IL−24 per Well (Shuffled_baseline model)

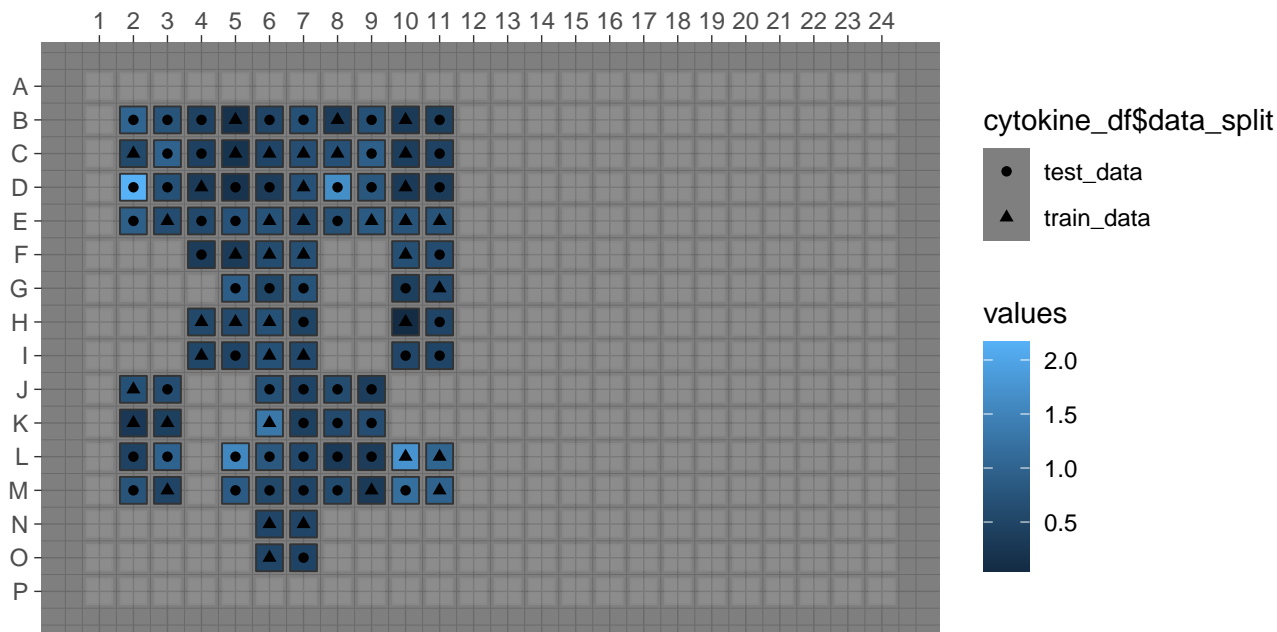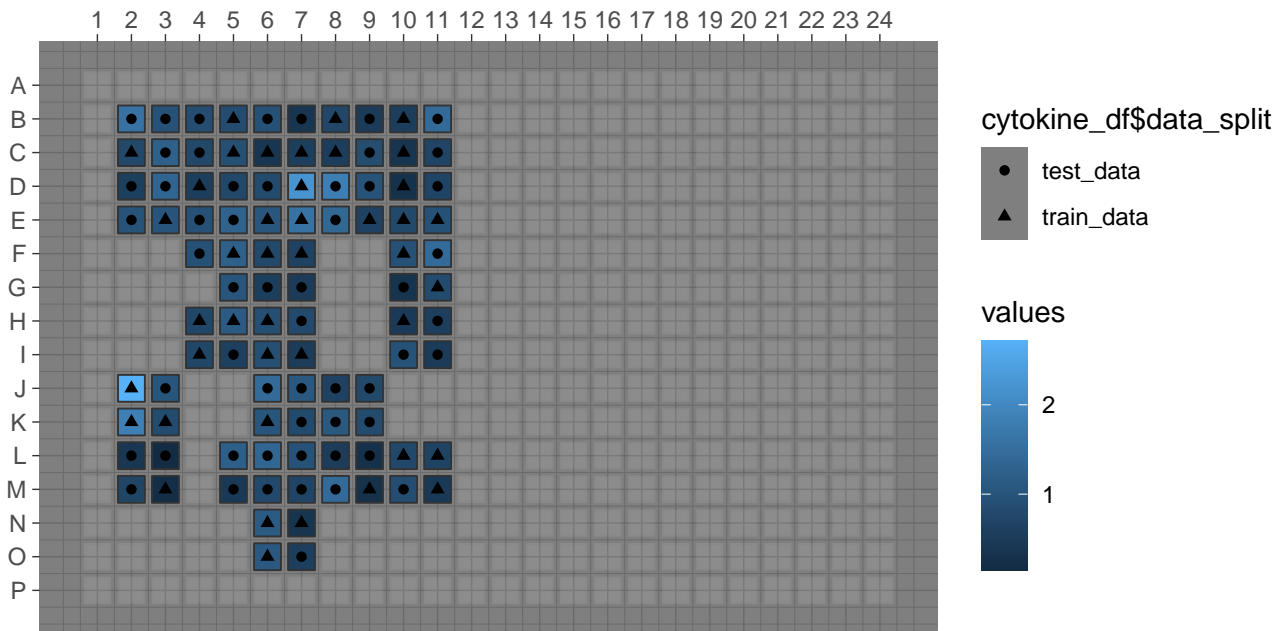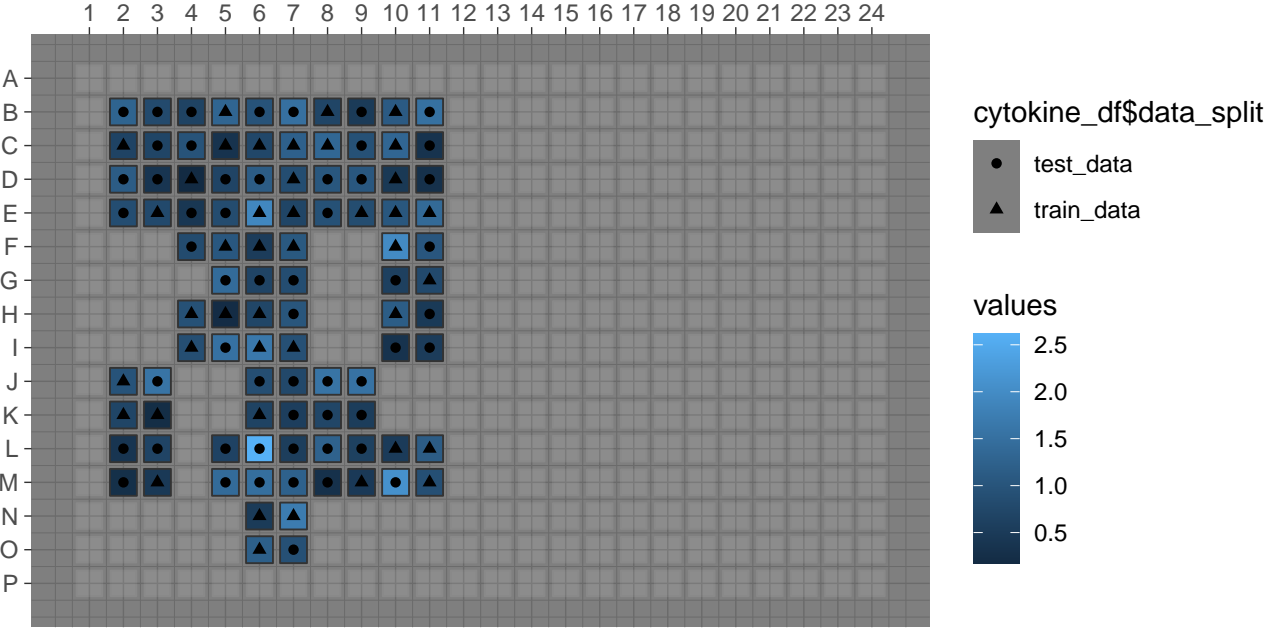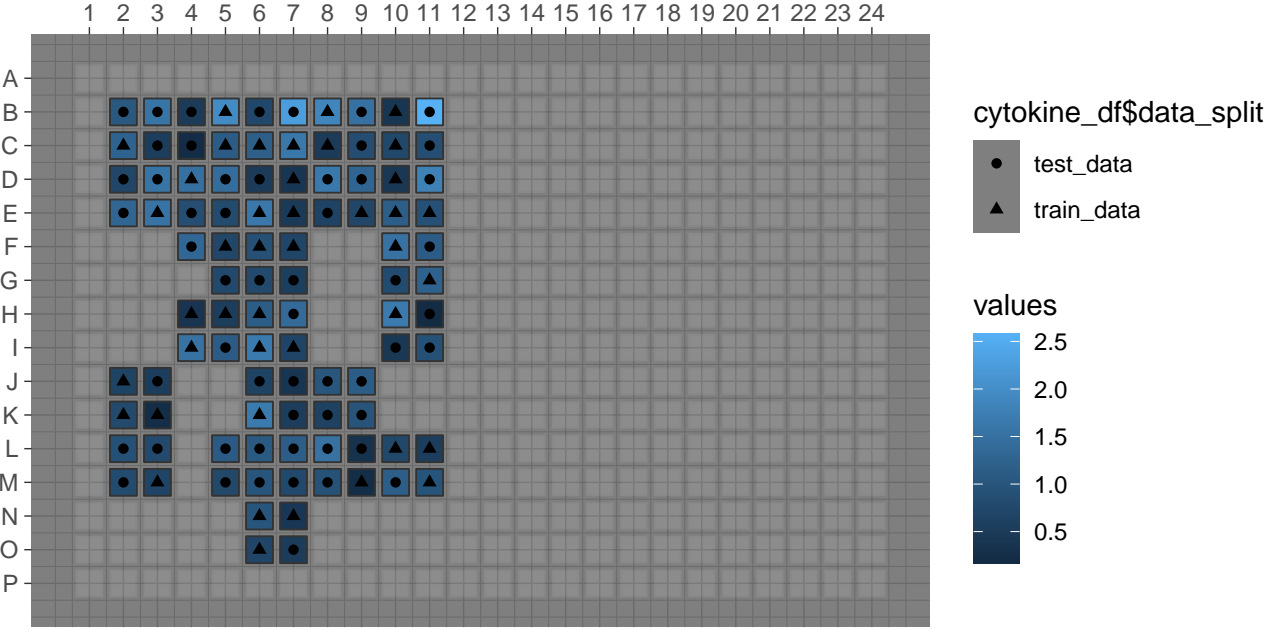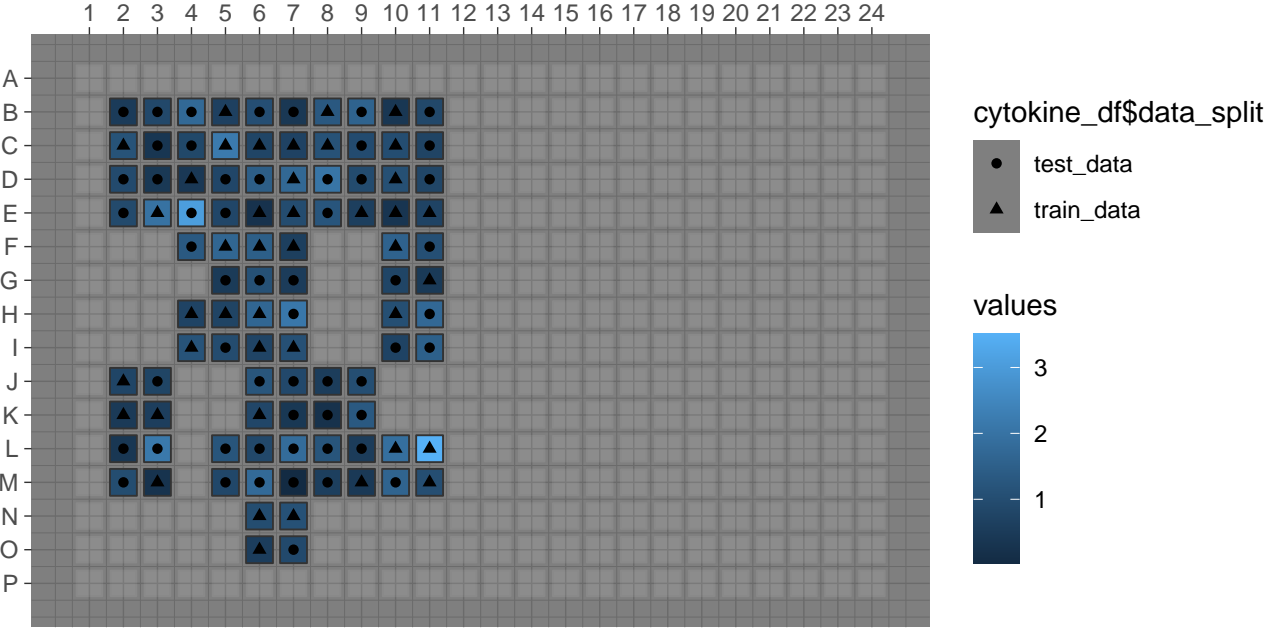Predictive Performance of IL−28A per Well (Shuffled_baseline model)

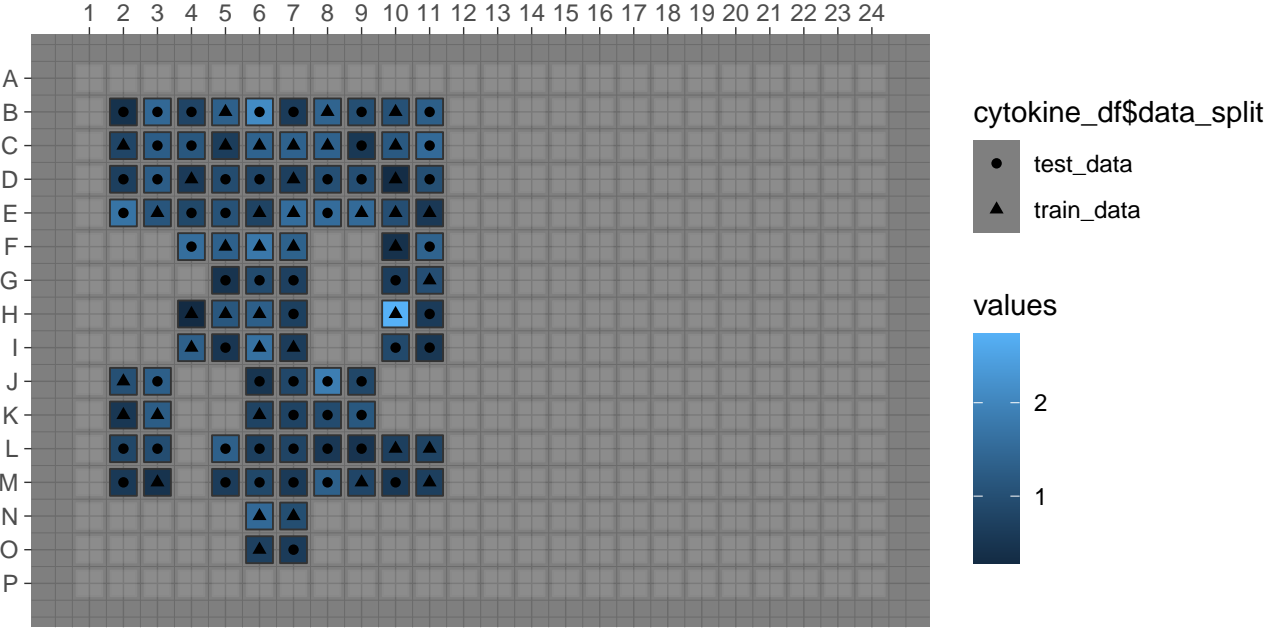Predictive Performance of FGF−6 per Well (Shuffled_baseline model)

Predictive Performance of IL−1R1 per Well (Shuffled_baseline model)
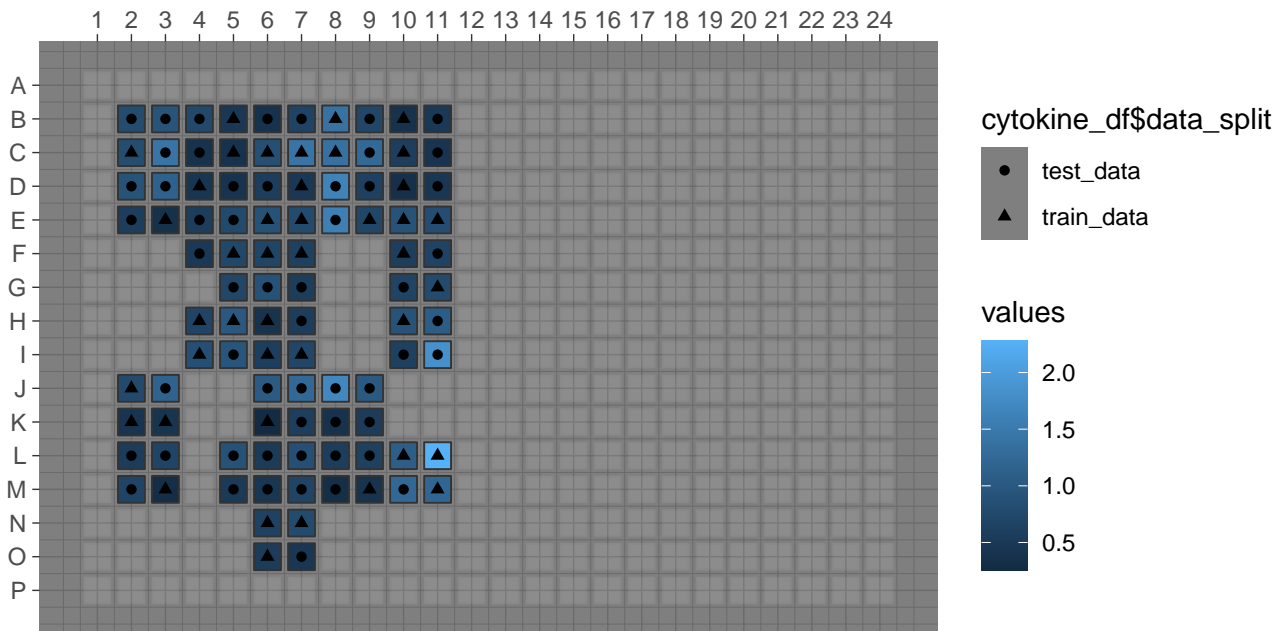
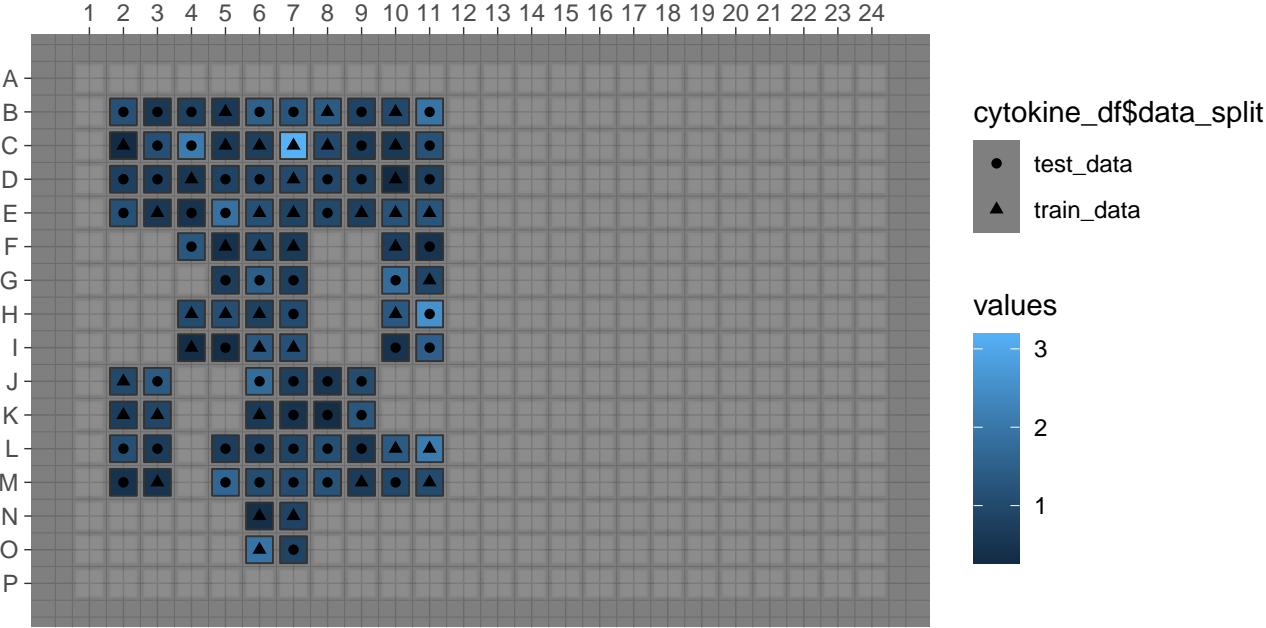Predictive Performance of CCL16 per Well (Shuffled_baseline model)

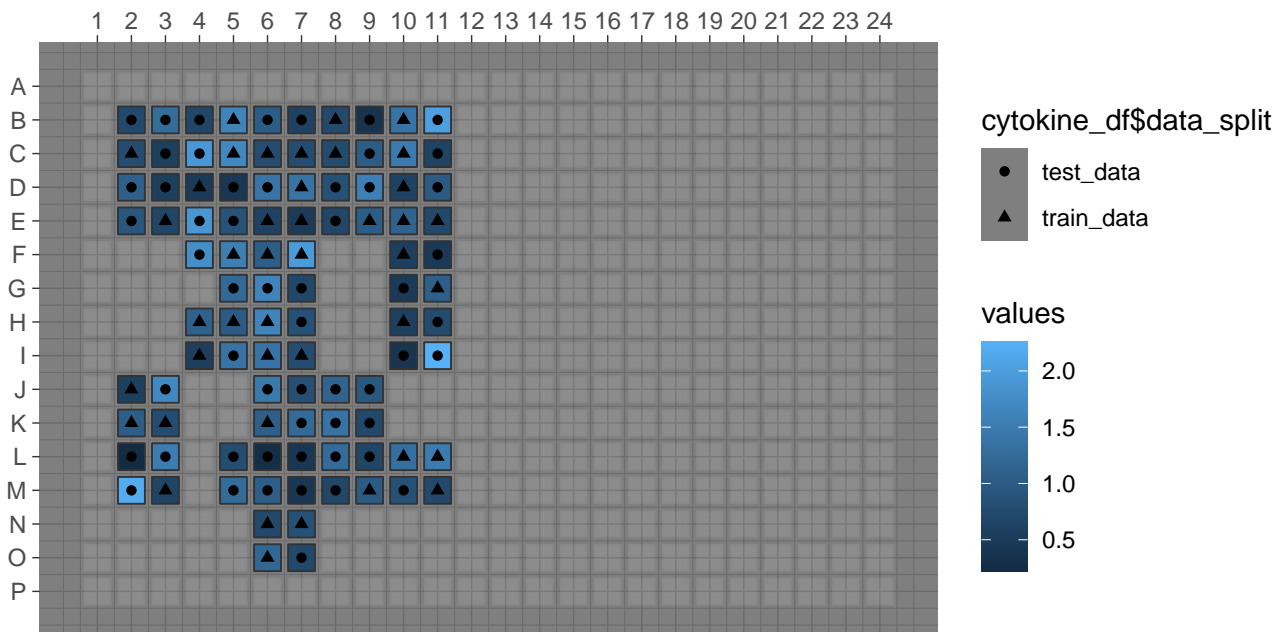Predictive Performance of TPO(Thrombopoietin) per Well (Shuffled_baseline mode...

Predictive Performance of CXCL16 per Well (Shuffled_baseline model)
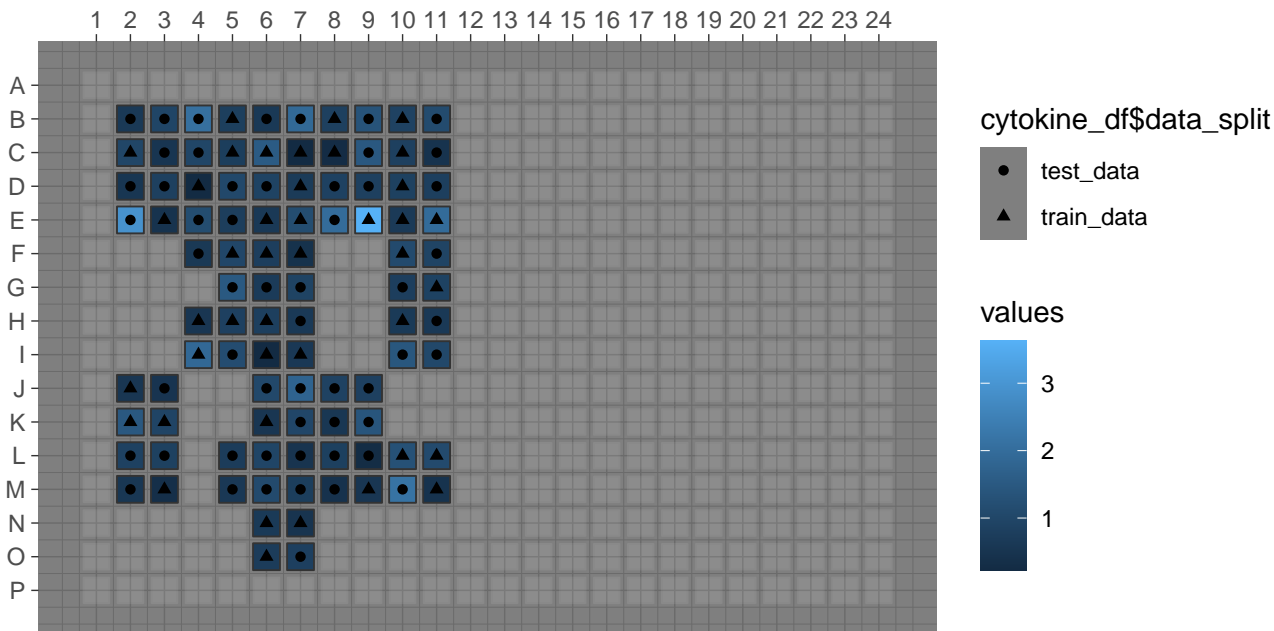
Predictive Performance of BMP7 per Well (Shuffled_baseline model)
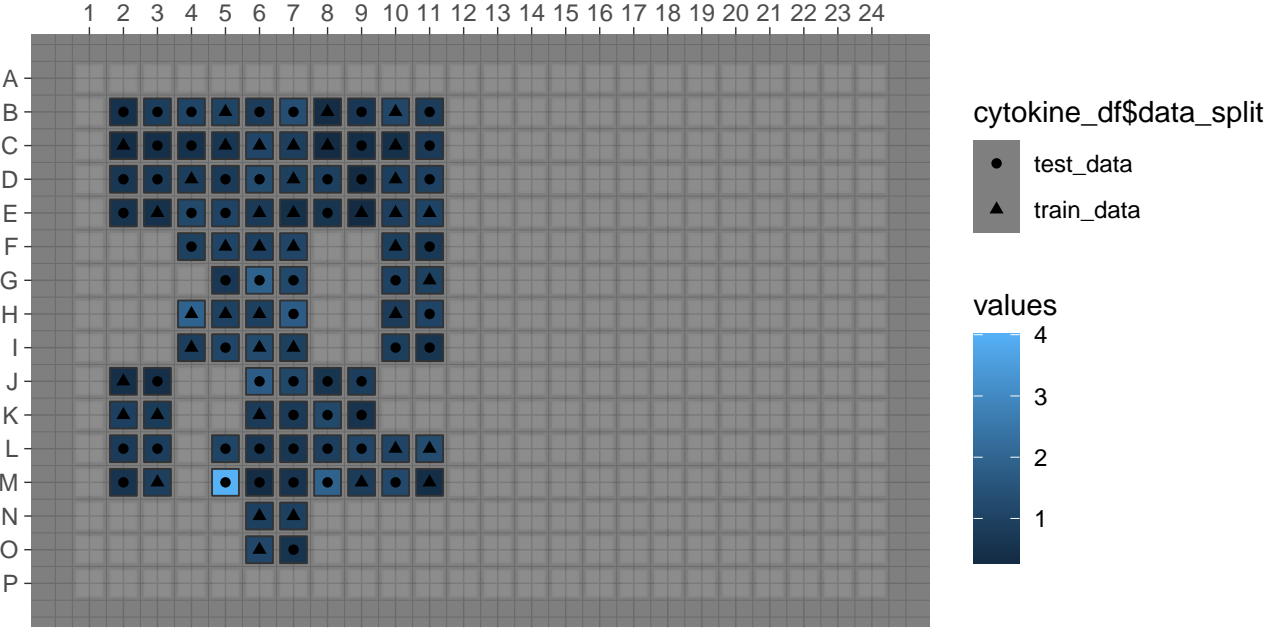
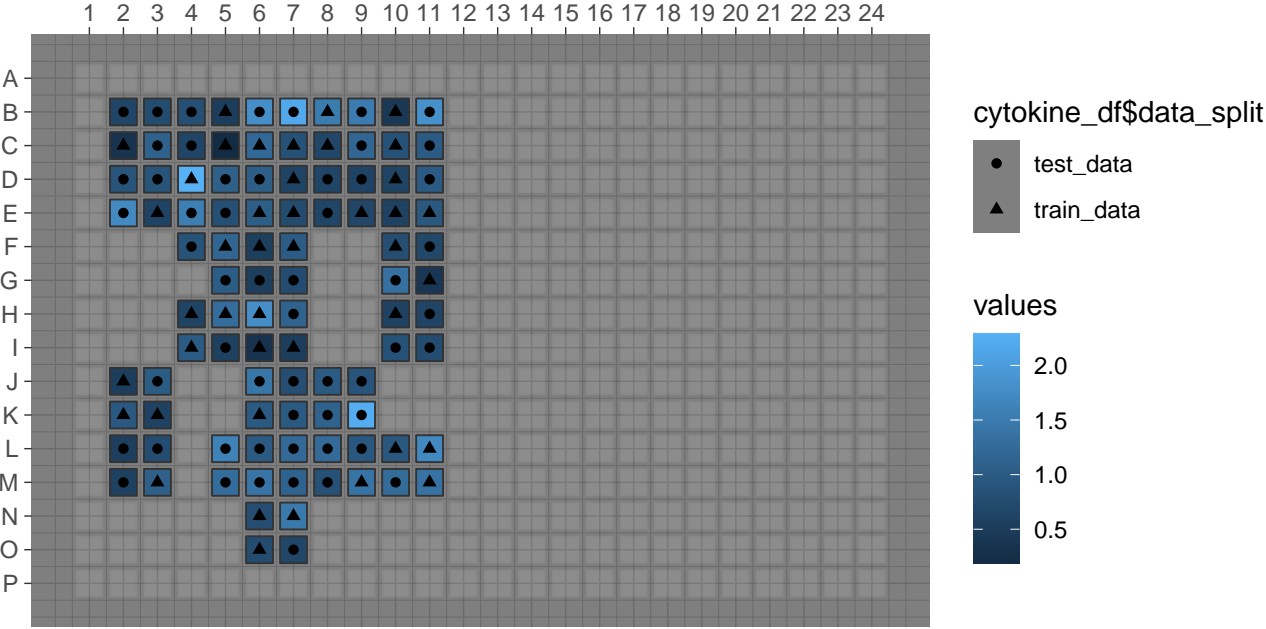Predictive Performance of IL−21 per Well (Shuffled_baseline model)

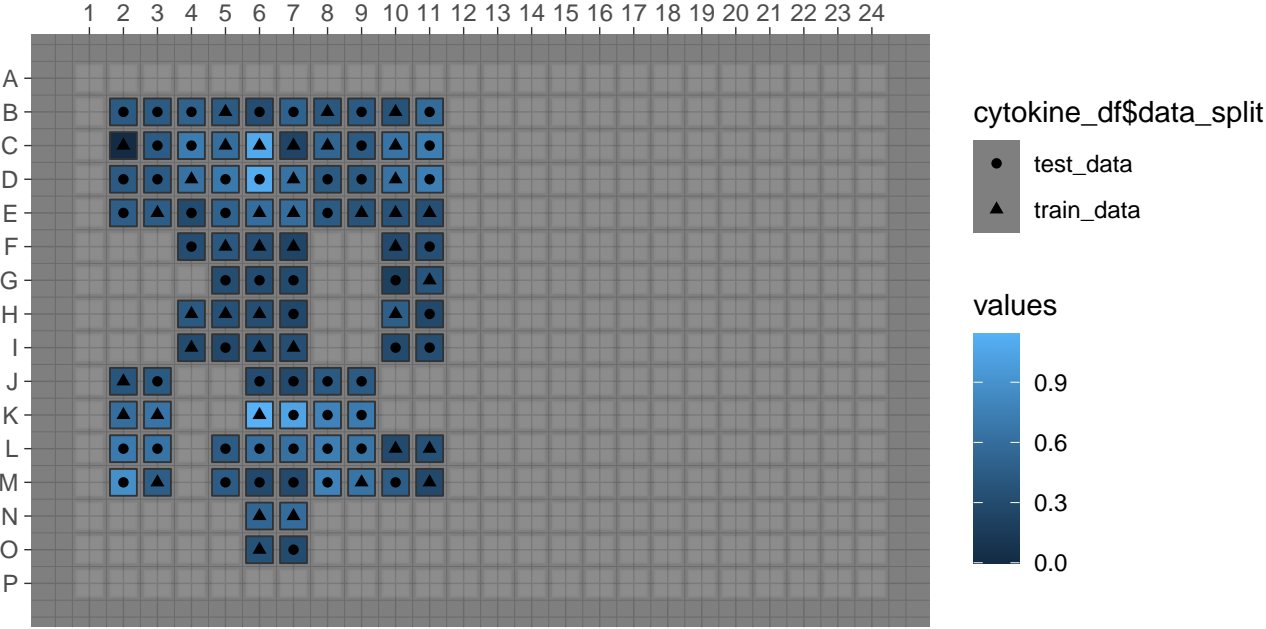Predictive Performance of FGF−7(KGF) per Well (Shuffled_baseline model)

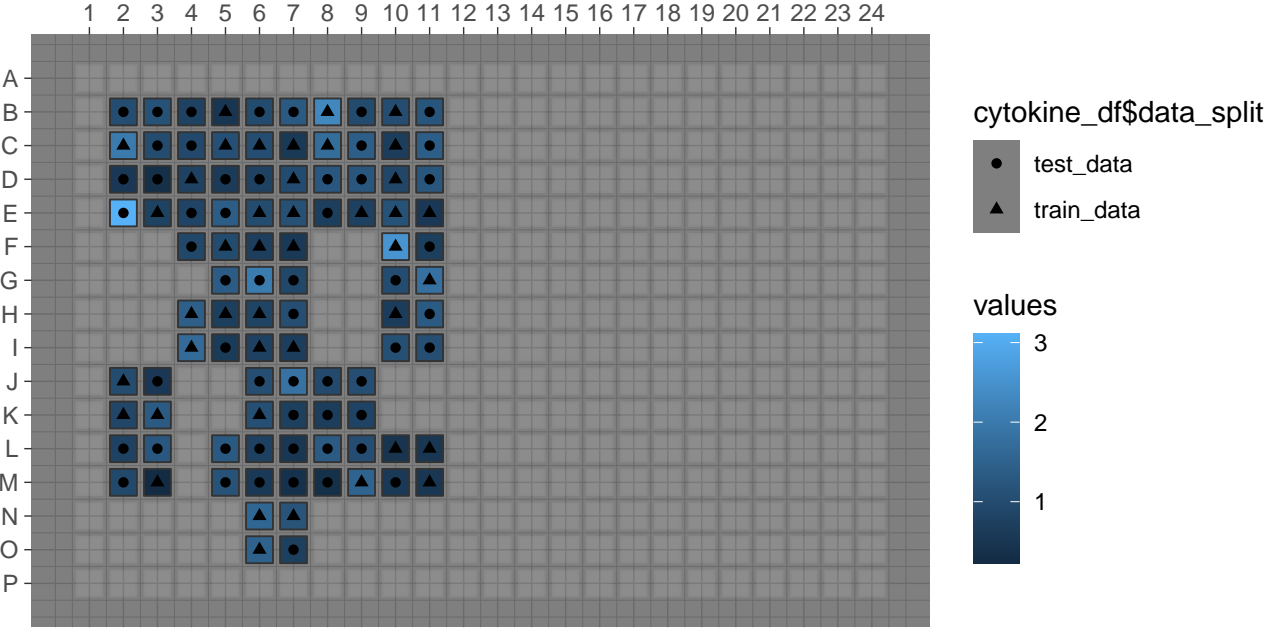Predictive Performance of CXCL9 per Well (Shuffled_baseline model)

Predictive Performance of LIF per Well (Shuffled_baseline model)

Predictive Performance of CCL4 per Well (Shuffled_baseline model)

Predictive Performance of CF per Well (Shuffled_baseline model)

Predictive Performance of CXCL6 per Well (Shuffled_baseline model)