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In[ ]:= v1Color = RGBColor["#ff1f5b"];

In[ ]:= lpColor = RGBColor["#009ade"];

In[ ]:= lmColor = RGBColor["#f28522"];

(*****)

dateMouseSessionListV1toV2m =
  {"091520", "Mouse21060", "Session1"}, {"121420", "Mouse23379", "Session1"},
  {"101920", "Mouse23392", "Session1"}, {"102620", "Mouse23392", "Session2"},
  {"020521", "Mouse23320", "Session2"}, {"030121", "Mouse23329", "Session2"};

dateMouseSessionListLPtoV2m =
  {"120120", "Mouse23377", "Session2"}, {"113020", "Mouse23378", "Session2"},
  {"120120", "Mouse23378", "Session2"}, {"112920", "Mouse23384", "Session2"},
  {"113020", "Mouse23384", "Session2"}, {"120120", "Mouse23384", "Session2"},
  {"102120", "Mouse23394", "Session2"}, {"011921", "Mouse23369", "Session1"},
  {"011921", "Mouse23339", "Session1"}, {"062922", "Mouse23067", "Session1"},
  {"062922", "Mouse23075", "Session2"}, {"070822", "Mouse23075", "Session1"};

dateMouseSessionListLMtoV2m = {"092321", "Mouse22422", "Session2"},
  {"100521", "Mouse22422", "Session2"}, {"081721", "Mouse22437", "Session1"},
  {"081921", "Mouse22437", "Session2"}, {"100421", "Mouse22472", "Session1"},
  {"102121", "Mouse22422", "Session1"}, {"101721", "Mouse22436", "Session2"},
  {"071222", "Mouse23025", "Session1"}, {"071122", "Mouse23100", "Session1"},
  {"070822", "Mouse23014", "Session2"}, {"071522", "Mouse23014", "Session1"},
  {"070722", "Mouse22518", "Session2"}, {"071322", "Mouse22518", "Session1"};

In[ ]:= (*****)

In[ ]:= suppIndexValsV1toV2m = ToExpression /@ Import[
  "F:/FigureGeneration/Figures2/Figures2Data/Axons/V1toV2m/ValuesForPlotting/
  suppressionIndices_V1toV2m_nonDupROIs.txt", "List"];

In[ ]:= suppIndexValsLPtoV2m = ToExpression /@ Import[
  "F:/FigureGeneration/Figures2/Figures2Data/Axons/LPtoV2m/ValuesForPlotting/
  suppressionIndices_LPtoV2m_nonDupROIs.txt", "List"];

In[ ]:= suppIndexValsLMtoV2m = ToExpression /@ Import[
  "F:/FigureGeneration/Figures2/Figures2Data/Axons/LMtoV2m/ValuesForPlotting/
  suppressionIndices_LMtoV2m_nonDupROIs.txt", "List"];

In[ ]:= v1AxonCharts = Show[BoxWhiskerChart[
  suppIndexValsV1toV2m, {"Whiskers", Directive[Darker@v1Color, Thick]},
  {"Fences", Directive[Darker@v1Color, Thick]}, {"MedianMarker",
  Directive[Darker@v1Color, Thickness[0.009]]}, PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[v1Color, Opacity[0.3]], Frame -> False],
  DistributionChart[suppIndexValsV1toV2m, PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], v1Color], Frame -> False],
  FrameTicks -> {{LinTicks[0, 1.8, MajorTickLength -> {0, .03}, MinorTickLength -> {0, 0}],
  None}, {None, None}}, Axes -> False, TicksStyle -> Thick,
  FrameStyle -> Directive[Transparent, Thick], Frame -> {{True, None}, {None, None}},
  FrameTicksStyle -> Directive[FontOpacity -> 0, FontSize -> 0]];

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In[ ]:= lmAxonCharts = Show[BoxWhiskerChart[
  suppIndexValsLMtoV2m, {"Whiskers", Directive[Darker@lmColor, Thick]},
  {"Fences", Directive[Darker@lmColor, Thick]}, {"MedianMarker",
    Directive[Darker@lmColor, Thickness[0.009]]}], PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[lmColor, Opacity[0.3]], Frame -> False],
DistributionChart[suppIndexValsLMtoV2m, PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], lmColor], Frame -> False],
FrameTicks -> {{LinTicks[0, 1.8, MajorTickLength -> {0, .03}, MinorTickLength -> {0, 0}],
  None}, {None, None}}, Axes -> False, TicksStyle -> Thick,
FrameStyle -> Directive[Transparent, Thick], Frame -> {{True, None}, {None, None}},
FrameTicksStyle -> Directive[FontOpacity -> 0, FontSize -> 0]];

In[ ]:= lpAxonCharts = Show[BoxWhiskerChart[
  suppIndexValsLPtoV2m, {"Whiskers", Directive[Darker@lpColor, Thick]},
  {"Fences", Directive[Darker@lpColor, Thick]}, {"MedianMarker",
    Directive[Darker@lpColor, Thickness[0.009]]}], PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[lpColor, Opacity[0.3]], Frame -> False],
DistributionChart[suppIndexValsLPtoV2m, PlotRange -> {All, {0, 1.8}},
  ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], lpColor], Frame -> False],
FrameTicks -> {{LinTicks[0, 1.8, MajorTickLength -> {0, .03}, MinorTickLength -> {0, 0}],
  None}, {None, None}}, Axes -> False, TicksStyle -> Thick,
FrameStyle -> Directive[Transparent, Thick], Frame -> {{True, None}, {None, None}},
FrameTicksStyle -> Directive[FontOpacity -> 0, FontSize -> 0]];

In[ ]:= transp = Show[
  BoxWhiskerChart[suppIndexValsLPtoV2m, {"Whiskers", Directive[Transparent, Thick]},
    {"Fences", Directive[Transparent, Thick]},
    {"MedianMarker", Directive[Transparent, Thickness[0.009]]}],
  PlotRange -> {All, {0, 1.8}}, ChartStyle -> Transparent, Frame -> False],
DistributionChart[suppIndexValsLPtoV2m, PlotRange -> {All, {0, 1.8}}, ChartStyle ->
  Directive[EdgeForm[Transparent], Opacity[0.2], Transparent], Frame -> False],
FrameTicks -> {{LinTicks[0, 1.8, MajorTickLength -> {0, .03}, MinorTickLength -> {0, 0}],
  None}, {None, None}}, Axes -> False, TicksStyle -> Thick,
FrameStyle -> Directive[Black, Thick], Frame -> {{True, None}, {None, None}},
FrameTicksStyle -> Directive[FontOpacity -> 0, FontSize -> 0]];

In[ ]:= GraphicsRow[{v1AxonCharts, lmAxonCharts, lpAxonCharts, transp},
  Spacings -> {{-280, -280, -280, -400}}]

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Out[ ]:=

