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dateMouseSessionListV1 =
  {"071720", "Mouse21019", "Session2"}, {"082520", "Mouse21020", "Session2"},
  {"072520", "Mouse21036", "Session1"}, {"072820", "Mouse21036", "Session1"},
  {"080820", "Mouse21062", "Session1"}, {"091420", "Mouse21068", "Session2"},
  {"091720", "Mouse21068", "Session1"}, {"091720", "Mouse23336", "Session1"},
  {"092120", "Mouse23336", "Session1"}, {"111220", "Mouse23385", "Session1"},
  {"120420", "Mouse23385", "Session1"}, {"120920", "Mouse23312", "Session2"},
  {"121120", "Mouse23312", "Session3"}, {"011121", "Mouse23332", "Session1"},
  {"011321", "Mouse23332", "Session2"}, {"011721", "Mouse23332", "Session2"},
  {"011321", "Mouse23305", "Session2"}, {"011721", "Mouse23305", "Session2"},
  {"031121", "Mouse23321", "Session1"}, {"031821", "Mouse23321", "Session3"}];

dateMouseSessionListV2m =
  {"121619", "Mouse20031", "Session2"}, {"121919", "Mouse20033", "Session1"},
  {"122219", "Mouse20033", "Session1"}, {"092120", "Mouse21011", "Session1"},
  {"120720", "Mouse23383", "Session2"}, {"022821", "Mouse23310", "Session1"},
  {"030321", "Mouse23338", "Session1"}, {"031721", "Mouse23338", "Session1"}];

In[ ]:= (*****

suppIndexValsV1 = ToExpression /@ Import[
  "F:/FigureGeneration/FiguresS2/FiguresS2Data/CellBodies/V1/ValuesForPlotting/
  suppressionIndices_V1.txt", "List"];

suppIndexValsV2m = ToExpression /@ Import[
  "F:/FigureGeneration/FiguresS2/FiguresS2Data/CellBodies/V2m/ValuesForPlotting/
  suppressionIndices_V2m.txt", "List"];

In[ ]:= (*****

v1Charts =
  Show[BoxWhiskerChart[suppIndexValsV1, {"Whiskers", Directive[Darker@Blue, Thick]},
    {"Fences", Directive[Darker@Blue, Thick]},
    {"MedianMarker", Directive[Darker@Blue, Thickness[0.009]]}],
    PlotRange -> {All, {0, 1.8}}, ChartStyle -> Directive[Blue, Opacity[0.3]], Frame -> False],
  DistributionChart[suppIndexValsV1, PlotRange -> {All, {0, 1.8}},
    ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], Blue], 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]]];

pmCharts =
  Show[BoxWhiskerChart[suppIndexValsV2m, {"Whiskers", Directive[Darker@Purple, Thick]},
    {"Fences", Directive[Darker@Purple, Thick]}, {"MedianMarker",
    Directive[Darker@Purple, Thickness[0.009]]}], PlotRange -> {All, {0, 1.8}},
    ChartStyle -> Directive[Purple, Opacity[0.3]], Frame -> False],
  DistributionChart[suppIndexValsV2m, PlotRange -> {All, {0, 1.8}},
    ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], Purple], 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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transp =
  Show[BoxWhiskerChart[suppIndexValsV2m, {"Whiskers", Directive[Transparent, Thick]},
    {"Fences", Directive[Transparent, Thick]},
    {"MedianMarker", Directive[Transparent, Thickness[0.009]]}],
    PlotRange -> {All, {0, 1.8}}, ChartStyle -> Transparent, Frame -> False],
  DistributionChart[suppIndexValsV2m, 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[{v1Charts, pmCharts, transp}, Spacings -> {{-280, -280, -320}}]

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Out[]:=

