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dateMouseSessionListV1 = {{ "092120", "Mouse21068", "Session1"},
    { "092320", "Mouse23336", "Session1"}, { "111520", "Mouse23385", "Session1"},
    { "111720", "Mouse23385", "Session1"}, { "120520", "Mouse23385", "Session2"},
    { "121020", "Mouse23312", "Session4"}, { "121320", "Mouse23312", "Session2"},
    { "010521", "Mouse23332", "Session1"}, { "010721", "Mouse23332", "Session2"},
    { "011221", "Mouse23332", "Session4"}, { "011921", "Mouse23332", "Session4"},
    { "011021", "Mouse23305", "Session2"}, { "011221", "Mouse23305", "Session3"},
    { "020621", "Mouse23305", "Session4"}, { "020721", "Mouse23332", "Session3"},
    { "020921", "Mouse23305", "Session4"}, { "020921", "Mouse23332", "Session4"},
    { "030921", "Mouse23324", "Session4"}, { "030721", "Mouse23321", "Session4"},
    { "031021", "Mouse23321", "Session4"}, { "031721", "Mouse23321", "Session4"},
    { "072321", "Mouse21135", "Session1"}, { "111321", "Mouse22483", "Session1"};

dateMouseSessionListV2m = {{ "092420", "Mouse21011", "Session1"},
    { "092620", "Mouse21069", "Session2"}, { "093020", "Mouse21069", "Session2"},
    { "100120", "Mouse21069", "Session2"}, { "111420", "Mouse23383", "Session3"},
    { "111720", "Mouse23383", "Session1"}, { "112220", "Mouse23383", "Session3"},
    { "111420", "Mouse23386", "Session3"}, { "111720", "Mouse23386", "Session3"},
    { "120620", "Mouse23383", "Session2"}, { "010221", "Mouse23382", "Session2"},
    { "010421", "Mouse23382", "Session2"}, { "010621", "Mouse23382", "Session2"},
    { "011721", "Mouse23390", "Session2"}, { "022821", "Mouse23390", "Session2"},
    { "030421", "Mouse23390", "Session1"}, { "021321", "Mouse23359", "Session1"},
    { "022621", "Mouse23310", "Session2"}, { "030221", "Mouse23310", "Session2"},
    { "031021", "Mouse23310", "Session2"}, { "021821", "Mouse23338", "Session1"},
    { "031621", "Mouse23338", "Session1"}, { "031821", "Mouse23338", "Session2"},
    { "081721", "Mouse21151", "Session1"}, { "080221", "Mouse22481", "Session2"},
    { "072421", "Mouse21133", "Session2"}, { "072121", "Mouse21170", "Session2"};

(*****)

randDotCorrValsV1 = Flatten[ToExpression /@ Import[
    "F:/FigureGeneration/Figures2/Figures2Data/CellBodies/V1/ValuesForPlotting/
    motionCoherCorrVals_V1.txt", "List"]];

randDotCorrValsV2m = Flatten[ToExpression /@ Import[
    "F:/FigureGeneration/Figures2/Figures2Data/CellBodies/V2m/ValuesForPlotting/
    motionCoherCorrVals_V2m.txt", "List"]];

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

v1Charts =
Show[BoxWhiskerChart[randDotCorrValsV1, {{ "Whiskers", Directive[Darker@Blue, Thick]},
    { "Fences", Directive[Darker@Blue, Thick]},
    { "MedianMarker", Directive[Darker@Blue, Thickness[0.009]]}},
    PlotRange -> {All, {-1, 1}}, ChartStyle -> Directive[Blue, Opacity[0.3]], Frame -> False],
DistributionChart[randDotCorrValsV1, PlotRange -> {All, {-1, 1}},
    ChartStyle -> Directive[EdgeForm[Transparent], Opacity[0.2], Blue], Frame -> False,
    FrameTicks -> {{LinTicks[-1, 1, 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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pmCharts = Show[
  BoxWhiskerChart[randDotCorrValsV2m, {"Whiskers", Directive[Darker@Purple, Thick]},
    {"Fences", Directive[Darker@Purple, Thick]}, {"MedianMarker",
      Directive[Darker@Purple, Thickness[0.009]]}], PlotRange → {All, {-1, 1}},
  ChartStyle → Directive[Purple, Opacity[0.3]], Frame → False],
  DistributionChart[randDotCorrValsV2m, PlotRange → {All, {-1, 1}},
  ChartStyle → Directive[EdgeForm[Transparent], Opacity[0.2], Purple], Frame → False],
  FrameTicks → {{LinTicks[-1, 1, 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[randDotCorrValsV2m, {"Whiskers", Directive[Transparent, Thick]},
    {"Fences", Directive[Transparent, Thick]}, {"MedianMarker", Directive[Transparent, Thickness[0.009]]}],
  PlotRange → {All, {-1, 1}}, ChartStyle → Transparent, Frame → False],
  DistributionChart[randDotCorrValsV2m, PlotRange → {All, {-1, 1}}, ChartStyle →
    Directive[EdgeForm[Transparent], Opacity[0.2], Transparent], Frame → False],
  FrameTicks → {{LinTicks[-1, 1, 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[ ]:=

