Template Rendering Error

Report Type: comprehensive

Error Details

Missing helper: "section"

Raw Data

```
{
  "title": "Comprehensive Analysis Report",
  "generatedAt": "2025-05-27T13:46:30.890Z",
  "dateRange": {
    "startDate": "2025-05-20T00:00:00.000Z",
    "endDate": "2025-05-27T23:59:59.000Z"
  },
  "metrics": {
    "tasks": {
      "totalTasks": 7,
      "completedTasks": 3,
      "inProgressTasks": 1,
      "notStartedTasks": 0,
      "completionRate": 42.857142857142854,
      "avgCompletionTimeHours": -952.642145462963,
      "priorityDistribution": [
        {
          "priority": null,
          "count": 4
        },
        {
          "priority": "Critical",
          "count": 1
        },
        {
          "priority": "High",
          "count": 1
        },
        {
          "priority": "Medium",
          "count": 1
        }
      ],
      "tasksByOwner": [
        {
          "owner": null,
          "count": 5
        },
        {
```

```
          "owner": "jane.smith",
          "count": 1
        },
        {
          "owner": "john.doe",
          "count": 1
        }
      ]
    },
    "delegations": {
      "totalDelegations": 25,
      "successfulDelegations": 2,
      "failedDelegations": 0,
      "avgRedelegationCount": 0,
      "maxRedelegationCount": 0,
      "modeTransitions": [
        {
          "fromMode": "architect",
          "toMode": "code-review",
          "count": 1
        },
        {
          "fromMode": "architect",
          "toMode": "senior-developer",
          "count": 5
        },
        {
          "fromMode": "boomerang",
          "toMode": "architect",
          "count": 1
        },
        {
          "fromMode": "boomerang",
          "toMode": "boomerang",
          "count": 1
        },
        {
          "fromMode": "boomerang",
          "toMode": "senior-developer",
          "count": 1
        },
        {
          "fromMode": "code-review",
          "toMode": "boomerang",
          "count": 1
        },
        {
          "fromMode": "code-review",
          "toMode": "senior-developer",
          "count": 1
        },
        {
          "fromMode": "senior-developer",
          "toMode": "architect",
```

```
          "count": 4
        },
        {
          "fromMode": "senior-developer",
          "toMode": "boomerang",
          "count": 1
        },
        {
          "fromMode": "senior-developer",
          "toMode": "code-review",
          "count": 1
        },
        {
          "fromMode": "senior-developer",
          "toMode": "senior-developer",
          "count": 1
        }
      ],
      "topFailureReasons": []
    },
    "codeReviews": {
      "totalReviews": 2,
      "approvedReviews": 2,
      "approvedWithReservationsReviews": 0,
      "needsChangesReviews": 0,
      "approvalRate": 100,
      "avgReviewTimeHours": 0
    },
    "performance": {
      "implementationEfficiency": 42.857142857142854,
      "avgSubtasksPerTask": 7.285714285714286,
      "mostActiveMode": "senior-developer",
      "leastActiveMode": "boomerang",
      "timeToFirstDelegation": 0.049668174603174596
    },
    "implementationPlans": {
      "totalPlans": 4,
      "completedPlans": 3,
      "avgBatchesPerPlan": 1.25,
      "avgSubtasksPerBatch": 10.2,
      "batchCompletionRate": 86,
      "estimationAccuracy": 85,
      "planEfficiencyScore": 80,
      "batchAnalysis": [
        {
          "batchId": "B004",
          "totalSubtasks": 10,
          "completedSubtasks": 7,
          "completionRate": 70,
          "avgEstimatedDuration": "N/A",
          "actualAvgDuration": 0,
          "estimationAccuracy": 85
        },
        {
```

```json
      "batchId": "B003",
      "totalSubtasks": 9,
      "completedSubtasks": 9,
      "completionRate": 100,
      "avgEstimatedDuration": "N/A",
      "actualAvgDuration": 0,
      "estimationAccuracy": 85
    },
    {
      "batchId": "B002",
      "totalSubtasks": 13,
      "completedSubtasks": 13,
      "completionRate": 100,
      "avgEstimatedDuration": "N/A",
      "actualAvgDuration": 0,
      "estimationAccuracy": 85
    },
    {
      "batchId": "B001",
      "totalSubtasks": 14,
      "completedSubtasks": 14,
      "completionRate": 100,
      "avgEstimatedDuration": "N/A",
      "actualAvgDuration": 0,
      "estimationAccuracy": 85
    },
    {
      "batchId": "B005",
      "totalSubtasks": 5,
      "completedSubtasks": 3,
      "completionRate": 60,
      "avgEstimatedDuration": "3-4 hours",
      "actualAvgDuration": 0,
      "estimationAccuracy": 85
    }
  ],
  "bottleneckBatches": [],
  "topPerformingBatches": [
    "B003",
    "B002",
    "B001"
  ]
},
"codeReviewInsights": {
  "totalReviews": 2,
  "approvalRate": 100,
  "avgReviewCycleDays": 0,
  "reworkRate": 0,
  "reviewEfficiencyScore": 100,
  "approvalTrends": {
    "approved": 2,
    "approvedWithReservations": 0,
    "needsChanges": 0
  },
```

```json
      "commonIssuePatterns": [
        {
          "pattern": "Missing error handling",
          "frequency": 0
        },
        {
          "pattern": "Inadequate test coverage",
          "frequency": 0
        },
        {
          "pattern": "Code style violations",
          "frequency": 0
        }
      ],
      "reviewerPerformance": [],
      "acceptanceCriteriaSuccess": 85
    },
    "delegationFlow": {
      "totalFlows": 25,
      "avgFlowDuration": 0,
      "successRate": 8,
      "redelegationRate": 0,
      "flowEfficiencyScore": 34,
      "roleTransitionAnalysis": [],
      "bottleneckRoles": [],
      "fastestPaths": [],
      "problemPatterns": []
    },
    "timeSeriesAnalysis": {
      "weeklyTrends": [
        {
          "weekStart": "2025-05-20T00:00:00.000Z",
          "weekEnd": "2025-05-27T00:00:00.000Z",
          "tasksCreated": 7,
          "tasksCompleted": 3,
          "avgCompletionTimeHours": 7.248734722222221,
          "delegationVolume": 25,
          "codeReviewsCompleted": 2,
          "weeklyEfficiency": 42.857142857142854
        },
        {
          "weekStart": "2025-05-27T00:00:00.000Z",
          "weekEnd": "2025-06-03T00:00:00.000Z",
          "tasksCreated": 0,
          "tasksCompleted": 0,
          "avgCompletionTimeHours": 0,
          "delegationVolume": 0,
          "codeReviewsCompleted": 0,
          "weeklyEfficiency": 0
        }
      ],
      "monthlyTrends": [
        {
          "month": "May",
```

```json
        "year": 2025,
        "tasksCreated": 7,
        "tasksCompleted": 3,
        "avgCompletionTimeHours": 7.248734722222221,
        "monthlyEfficiency": 42.857142857142854,
        "qualityScore": 25.428571428571427,
        "delegationSuccessRate": 8
      }
    ],
    "performanceTrends": [
      {
        "period": "Q1 2025",
        "completionRate": 0,
        "qualityScore": 0,
        "velocityScore": 0,
        "efficiency": 0,
        "trendDirection": "declining"
      },
      {
        "period": "Q2 2025",
        "completionRate": 57.14285714285714,
        "qualityScore": 8,
        "velocityScore": 7,
        "efficiency": 32.57142857142857,
        "trendDirection": "declining"
      },
      {
        "period": "Q3 2025",
        "completionRate": 0,
        "qualityScore": 0,
        "velocityScore": 0,
        "efficiency": 0,
        "trendDirection": "declining"
      },
      {
        "period": "Q4 2025",
        "completionRate": 0,
        "qualityScore": 0,
        "velocityScore": 0,
        "efficiency": 0,
        "trendDirection": "declining"
      }
    ],
    "historicalPatterns": [
      {
        "pattern": "Task Completion Time",
        "frequency": 4,
        "period": "Historical",
        "impact": "positive",
        "recommendation": "Maintain current task sizing approach"
      },
      {
        "pattern": "Delegation Success",
        "frequency": 25,
```

```
          "period": "Historical",
          "impact": "positive",
          "recommendation": "Continue current delegation strategy"
        }
      ],
      "seasonalAnalysis": [
        {
          "dayOfWeek": "Sunday",
          "metric": "Task Creation",
          "averageValue": 5,
          "trend": "peak"
        },
        {
          "dayOfWeek": "Monday",
          "metric": "Task Creation",
          "averageValue": 1,
          "trend": "average"
        },
        {
          "dayOfWeek": "Tuesday",
          "metric": "Task Creation",
          "averageValue": 1,
          "trend": "average"
        },
        {
          "monthOfYear": "May",
          "metric": "Task Volume",
          "averageValue": 7,
          "trend": "peak"
        }
      ],
      "trendInsights": [
        {
          "metric": "Weekly Efficiency",
          "currentValue": 0,
          "previousValue": 42.857142857142854,
          "changePercent": -100,
          "trend": "declining",
          "insight": "Weekly efficiency decreased by 100.0%",
          "actionable": true
        }
      ]
    },
    "performanceBenchmarks": {
      "teamBenchmarks": [
        {
          "metric": "Task Completion Rate",
          "currentValue": 42.9,
          "teamAverage": 42.85714857142854,
          "industryBenchmark": 78,
          "percentile": 63.73626373626374,
          "trend": "below"
        },
        {
```

```json
          "metric": "Average Completion Time (hours)",
          "currentValue": -952.6,
          "teamAverage": -952.642145462963,
          "industryBenchmark": 48,
          "percentile": 596.1677840952932,
          "trend": "above"
        },
        {
          "metric": "Quality Score",
          "currentValue": 100,
          "teamAverage": 100,
          "industryBenchmark": 85,
          "percentile": 79.41176470588235,
          "trend": "above"
        }
      ],
      "individualBenchmarks": [
        {
          "owner": "john.doe",
          "metrics": {
            "tasksCompleted": 0,
            "avgCompletionTime": 0,
            "qualityScore": 100,
            "velocityScore": 25.2,
            "efficiencyRating": 56.3
          },
          "ranking": 1,
          "percentileScore": 68.76388888888889,
          "strengths": [
            "High quality deliverables",
            "Effective delegation and collaboration"
          ],
          "improvementAreas": [
            "Focus on improving task completion rate",
            "Optimize workflow efficiency and velocity"
          ]
        },
        {
          "owner": "jane.smith",
          "metrics": {
            "tasksCompleted": 0,
            "avgCompletionTime": 0,
            "qualityScore": 80,
            "velocityScore": 25.2,
            "efficiencyRating": 51.3
          },
          "ranking": 2,
          "percentileScore": 67.09722222222223,
          "strengths": [
            "Effective delegation and collaboration"
          ],
          "improvementAreas": [
            "Focus on improving task completion rate",
            "Optimize workflow efficiency and velocity"
```

```
          ]
        }
      ],
      "periodComparisons": [
        {
          "metric": "Completion Rate",
          "currentPeriod": 42.9,
          "previousPeriod": 0,
          "changePercent": 100,
          "trend": "improving",
          "significance": "high"
        },
        {
          "metric": "Average Completion Time",
          "currentPeriod": -952.6,
          "previousPeriod": 0,
          "changePercent": 0,
          "trend": "improving",
          "significance": "low"
        },
        {
          "metric": "Task Volume",
          "currentPeriod": 7,
          "previousPeriod": 0,
          "changePercent": 100,
          "trend": "improving",
          "significance": "high"
        }
      ],
      "performanceRankings": [
        {
          "category": "Overall Performance",
          "rankings": [
            {
              "name": "john.doe",
              "score": 56.3,
              "rank": 1
            },
            {
              "name": "jane.smith",
              "score": 51.3,
              "rank": 2
            }
          ]
        },
        {
          "category": "Task Completion",
          "rankings": [
            {
              "name": "john.doe",
              "score": 0,
              "rank": 1
            },
            {
```

```json
          "name": "jane.smith",
          "score": 0,
          "rank": 2
        }
      ]
    },
    {
      "category": "Quality Score",
      "rankings": [
        {
          "name": "john.doe",
          "score": 100,
          "rank": 1
        },
        {
          "name": "jane.smith",
          "score": 80,
          "rank": 2
        }
      ]
    },
    {
      "category": "Velocity",
      "rankings": [
        {
          "name": "john.doe",
          "score": 25.2,
          "rank": 1
        },
        {
          "name": "jane.smith",
          "score": 25.2,
          "rank": 2
        }
      ]
    }
  ],
  "benchmarkInsights": [
    {
      "category": "Team Performance",
      "insight": "Team completion rate of 42.9% is below industry benchmark
      "recommendation": "Review task estimation processes and identify bott
      "priority": "high",
      "actionable": true
    },
    {
      "category": "Trend Analysis",
      "insight": "Team showing positive trends with 3 improving metrics vs (
      "recommendation": "Continue current improvement initiatives and monite
      "priority": "low",
      "actionable": true
    }
  ]
}
```

```json
    },
    "charts": {
      "0": {
        "type": "pie",
        "title": "Task Status Distribution",
        "labels": [
          "Completed",
          "In Progress",
          "Not Started"
        ],
        "datasets": [
          {
            "label": "Tasks",
            "data": [
              3,
              1,
              0
            ],
            "backgroundColor": [
              "#4ade80",
              "#fbbf24",
              "#f87171"
            ]
          }
        ]
      },
      "1": {
        "type": "bar",
        "title": "Task Priority Distribution",
        "labels": [
          "Unknown",
          "Critical",
          "High",
          "Medium"
        ],
        "datasets": [
          {
            "label": "Count",
            "data": [
              4,
              1,
              1,
              1
            ],
            "backgroundColor": "#3b82f6"
          }
        ]
      },
      "2": {
        "type": "bar",
        "title": "Role Transition Frequency",
        "labels": [
          "architect → code-review",
          "architect → senior-developer",
        ],
```

```
              "boomerang → architect",
              "boomerang → boomerang",
              "boomerang → senior-developer",
              "code-review → boomerang",
              "code-review → senior-developer",
              "senior-developer → architect",
              "senior-developer → boomerang",
              "senior-developer → code-review",
              "senior-developer → senior-developer"
          ],
          "datasets": [
            {
              "label": "Transitions",
              "data": [
                 1,
                 5,
                 1,
                 1,
                 1,
                 1,
                 1,
                 4,
                 1,
                 1,
                 1
              ],
              "backgroundColor": "#8b5cf6"
            }
          ]
      },
      "3": {
          "type": "doughnut",
          "title": "Code Review Outcomes",
          "labels": [
            "Approved",
            "Approved with Reservations",
            "Needs Changes"
          ],
          "datasets": [
            {
              "label": "Reviews",
              "data": [
                 2,
                 0,
                 0
              ],
              "backgroundColor": [
                "#10b981",
                "#f59e0b",
                "#ef4444"
              ]
            }
          ]
      },
```

```json
    "4": {
      "type": "bar",
      "title": "Batch Completion Rates",
      "labels": [
        "B004",
        "B003",
        "B002",
        "B001",
        "B005"
      ],
      "datasets": [
        {
          "label": "Completion %",
          "data": [
            70,
            100,
            100,
            100,
            60
          ],
          "backgroundColor": "#06b6d4"
        }
      ]
    },
    "5": {
      "type": "line",
      "title": "Estimation Accuracy by Batch",
      "labels": [
        "B004",
        "B003",
        "B002",
        "B001",
        "B005"
      ],
      "datasets": [
        {
          "label": "Accuracy %",
          "data": [
            85,
            85,
            85,
            85,
            85
          ],
          "borderColor": "#8b5cf6"
        }
      ]
    },
    "6": {
      "type": "bar",
      "title": "Review Efficiency Metrics",
      "labels": [
        "Approval Rate",
        "Review Efficiency Score",
```

```json
          "Acceptance Criteria Success"
        ],
        "datasets": [
          {
            "label": "Percentage",
            "data": [
              100,
              100,
              85
            ],
            "backgroundColor": [
              "#10b981",
              "#3b82f6",
              "#8b5cf6"
            ]
          }
        ]
      },
      "7": {
        "type": "bar",
        "title": "Common Review Issues",
        "labels": [
          "Missing error handling",
          "Inadequate test coverage",
          "Code style violations"
        ],
        "datasets": [
          {
            "label": "Frequency",
            "data": [
              0,
              0,
              0
            ],
            "backgroundColor": "#f59e0b"
          }
        ]
      },
      "8": {
        "type": "doughnut",
        "title": "Delegation Flow Health",
        "labels": [
          "Success Rate",
          "Efficiency Score",
          "Redelegation Rate (Inverted)"
        ],
        "datasets": [
          {
            "label": "Metrics",
            "data": [
              8,
              34,
              100
            ],
```

```
      "backgroundColor": [
        "#10b981",
        "#3b82f6",
        "#f59e0b"
      ]
    }
  ]
},
"9": {
  "type": "line",
  "title": "Weekly Efficiency Trends",
  "labels": [
    "May 20",
    "May 27"
  ],
  "datasets": [
    {
      "label": "Weekly Efficiency %",
      "data": [
        42.857142857142854,
        0
      ],
      "borderColor": "#3b82f6"
    }
  ]
},
"10": {
  "type": "bar",
  "title": "Monthly Task Completion",
  "labels": [
    "May 2025"
  ],
  "datasets": [
    {
      "label": "Tasks Completed",
      "data": [
        3
      ],
      "backgroundColor": "#10b981"
    }
  ]
},
"11": {
  "type": "bar",
  "title": "Team Performance vs Benchmarks",
  "labels": [
    "Task Completion Rate",
    "Average Completion Time (hours)",
    "Quality Score"
  ],
  "datasets": [
    {
      "label": "Current Value",
      "data": [
```

```json
          42.9,
          -952.6,
          100
        ],
        "backgroundColor": "#3b82f6"
      },
      {
        "label": "Team Average",
        "data": [
          42.857142857142854,
          -952.642145462963,
          100
        ],
        "backgroundColor": "#8b5cf6"
      }
    ]
  },
  "12": {
    "type": "bar",
    "title": "Overall Performance Rankings",
    "labels": [
      "john.doe",
      "jane.smith"
    ],
    "datasets": [
      {
        "label": "Score",
        "data": [
          56.3,
          51.3
        ],
        "backgroundColor": "#f59e0b"
      }
    ]
  },
  "13": {
    "type": "radar",
    "title": "Delegation Flow Performance Radar",
    "labels": [
      "Efficiency",
      "Speed",
      "Success Rate",
      "Quality"
    ],
    "datasets": [
      {
        "label": "Current Performance",
        "data": [
          0,
          0,
          8,
          0
        ],
        "backgroundColor": "rgba(59, 130, 246, 0.2)",
```

```json
        "borderColor": "#3b82f6",
        "borderWidth": 2,
        "pointBackgroundColor": "#3b82f6",
        "pointBorderColor": "#1e40af",
        "pointRadius": 4
      },
      {
        "label": "Benchmark",
        "data": [
          85,
          75,
          90,
          80
        ],
        "backgroundColor": "rgba(239, 68, 68, 0.1)",
        "borderColor": "#ef4444",
        "borderWidth": 2,
        "borderDash": [
          5,
          5
        ],
        "pointBackgroundColor": "#ef4444",
        "pointBorderColor": "#dc2626",
        "pointRadius": 3
      }
    ],
    "options": {
      "responsive": true,
      "plugins": {
        "legend": {
          "position": "top"
        }
      },
      "scales": {
        "r": {
          "beginAtZero": true,
          "max": 100,
          "ticks": {
            "stepSize": 20
          }
        }
      }
    }
  },
  "14": {
    "type": "scatter",
    "title": "Efficiency vs Delegation Correlation (Correlation: NaN)",
    "labels": [],
    "datasets": [
      {
        "label": "Delegation Count vs Weekly Efficiency (r=NaN)",
        "data": [
          {
            "x": 42.857142857142854
```

```
        },
        {
          "x": 0
        }
      ],
      "backgroundColor": [
        "#000000",
        "#000000"
      ],
      "borderColor": "#1e40af",
      "pointRadius": 6,
      "pointHoverRadius": 8,
      "showLine": false
    },
    {
      "label": "Trend Line",
      "data": [
        {
          "x": 0,
          "y": null
        },
        {
          "x": 42.857142857142854,
          "y": null
        }
      ],
      "borderColor": "#ef4444",
      "backgroundColor": "transparent",
      "borderDash": [
        5,
        5
      ],
      "fill": false,
      "pointRadius": 0,
      "showLine": true,
      "tension": 0
    }
  ],
  "options": {
    "responsive": true,
    "plugins": {
      "legend": {
        "position": "top"
      },
      "tooltip": {
        "callbacks": {
          "label": "function(context) {\n                const point = cont
        }
      }
    },
    "scales": {
      "x": {
        "display": true,
        "title": {
```

```json
            "display": true,
            "text": "Weekly Efficiency"
          }
        },
        "y": {
          "display": true,
          "title": {
            "display": true,
            "text": "Delegation Count"
          }
        }
      }
    }
  }
},
"recommendations": [
  "Consider reviewing task complexity and breaking down large tasks into smal
  "Improve delegation success by providing clearer task descriptions and requ
  "Focus on improving implementation efficiency through better planning or re
  "Review implementation planning process to improve plan completion rates."
],
"enhancedInsights": [
  {
    "type": "data_availability",
    "category": "general",
    "title": "Report Data Available",
    "description": "Report has been generated with available data. Review deta
    "impact": "low",
    "priority": 1,
    "confidence": 1,
    "actionableSteps": [
      "Review detailed report sections",
      "Identify key metrics of interest",
      "Set up regular monitoring"
    ],
    "dataPoints": {
      "hasMetrics": true,
      "hasCharts": false,
      "hasRecommendations": true
    }
  },
  {
    "type": "schema-analysis",
    "category": "comprehensive",
    "title": "Schema Insight 1",
    "description": "System contains 8 total tasks, 1 active",
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],
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      "executiveSummary": "This Comprehensive Analysis covers 7 tasks with a 42.9%
      "keyInsights": [
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        "Delegation success rate: 100.0% (2 successful, 0 failed)",
        "Code review outcomes: 2 approved, 0 need changes"
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      "actionableRecommendations": [
        "Focus on improving task completion rate - consider breaking down complex
      ],
      "detailedAnalysis": "\n
Task Performance Analysis
\n
Total Tasks: 7
\n
Completion Rate: 42.9%
\n
Average Completion Time: -952.6 hours
\n   \n
Delegation Flow Analysis
\n
Total Delegations: 25
\n
Success Rate: 8.0%
\n
Average Redelegation Count: 0.0
\n   \n
Code Review Quality Analysis
\n
Total Reviews: 2
\n
Approval Rate: 100.0%
\n
Average Review Time: 0.0 hours
\n   \n
Implementation Plan Analysis
\n
Total Plans: 4
\n
Completion Rate: 86.0%
\n
Average Batches per Plan: 1.3
\n
Estimation Accuracy: 85.0%
\n   "
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    "keyInsights": [
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      "Code review outcomes: 2 approved, 0 need changes"
    ],
    "actionableRecommendations": [
      "Focus on improving task completion rate - consider breaking down complex t
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\n    "
}
```