

Intercoder Agreement for Project: case study survey edge - ITERATION1 ICA (jdf + jepm)

Agreement Coefficient: Krippendorff's c-Alpha-binary

Coders

 Carolina Gallardo Pérez  Jessica Diaz  Jorge Enrique Pérez Martínez

Respuesta_16_21 04 30 Sales director

Respuesta_17_21 05 04 Analyst-Programmer

Respuesta_18_21 05 05 IoT Development Engineer

Respuesta_22_21 05 05 Ingeniero firmware

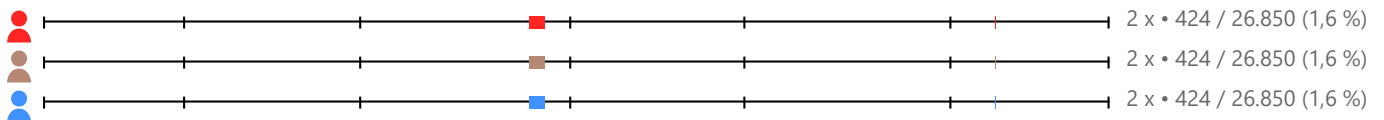
Respuesta_23_21 05 05 Presales Manager

Respuesta_24_21 05 06 Lead Developer

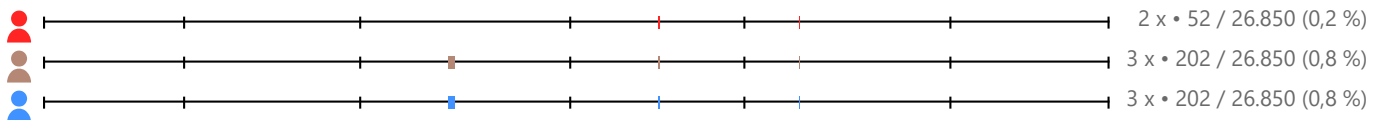
All Documents

Semantic Domain: B01 better user experience, B02 less response time, B03 greater efficiency and speed, B04 save energy

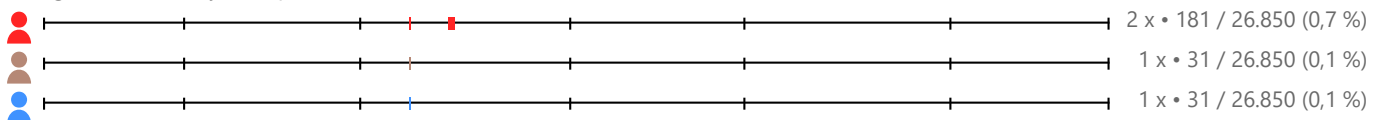
B01 better user experience



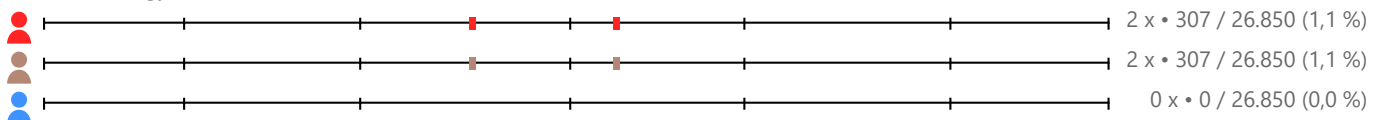
B02 less response time



B03 greater efficiency and speed



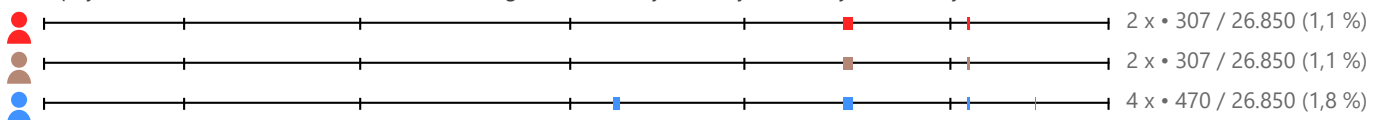
B04 save energy



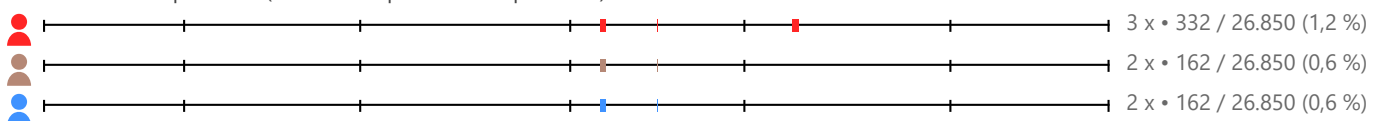
Krippendorff c_αbinary: 0,877

Semantic Domain: C01 (physical/virtual) device characterization: intelligence, reliability, security, efficiency, availability, status, load...

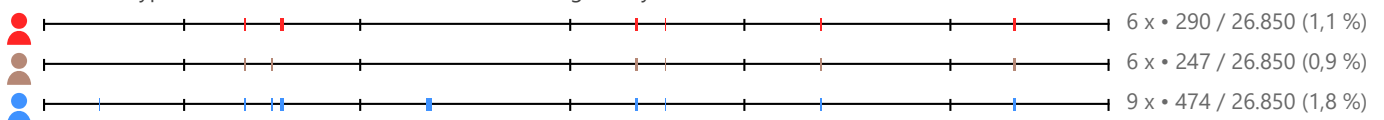
C01 (physical/virtual) device characterization: intelligence, reliability, security, efficiency, availability, status, load



C02 restricted capabilities (limited computational capabilities)



C03 devices type: sensors, actuators, constrained devices, gateways, micro-controllers, miniPCs, servers



All Documents

Semantic Domain: C01 (physical/virtual) device characterization: intelligence, reliability, security, efficiency, availability, status, load...

C04 decives type: medical devices



Krippendorff $c\alpha_{\text{binary}}$: 0,766

Semantic Domain: F01 local processing in device, F02 reliable services, F03 devices take over part of the data center/cloud workload...

F01 local processing in device



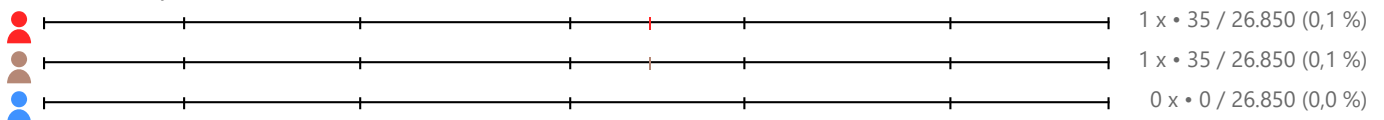
F02 reliable services



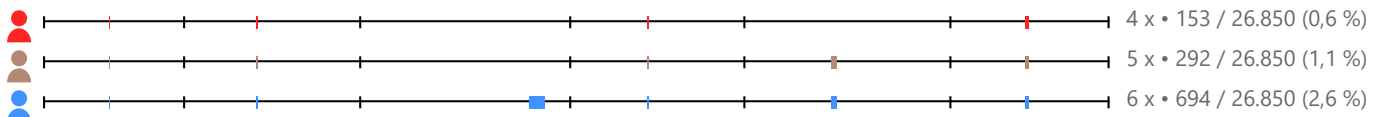
F03 devices take over part of the data center/cloud workload



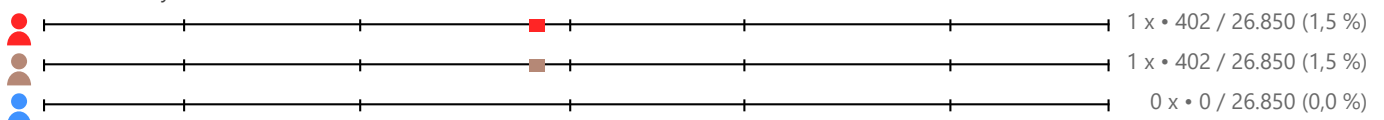
F04 functionality: communication with other devices



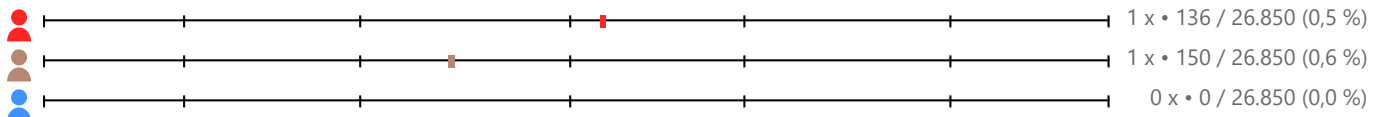
F04 functionality: data aggregation and filtering, data analytics, video processing, artificial intelligence, control logi



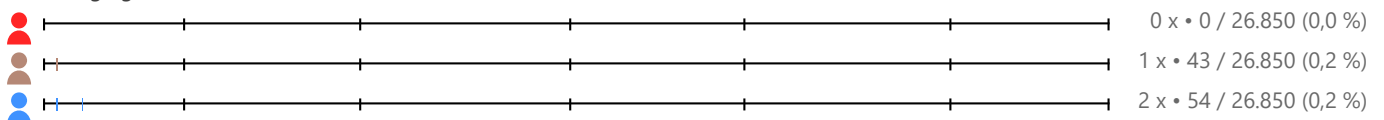
F04 functionality: data collection



F04 functionality: decision making



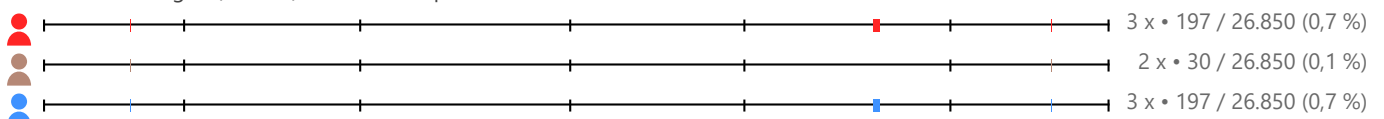
F05 bringing infrastructure closer to the consumer



Krippendorff $c\alpha_{\text{binary}}$: 0,895

Semantic Domain: G01 cloud-managed (remote) over the air updates, G02 continuous integration (CI) and continuous delivery/deployment (C

G01 cloud-managed (remote) over the air updates



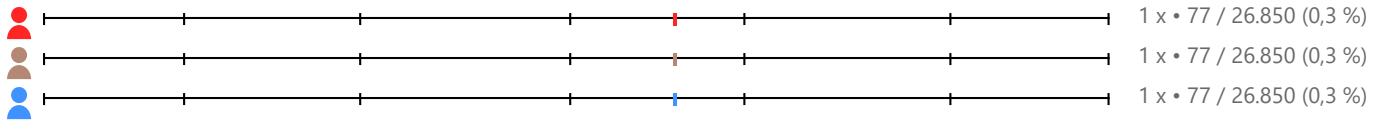
All Documents

Semantic Domain: G01 cloud-managed (remote) over the air updates, G02 continuous integration (CI) and continuous delivery/deployment (C

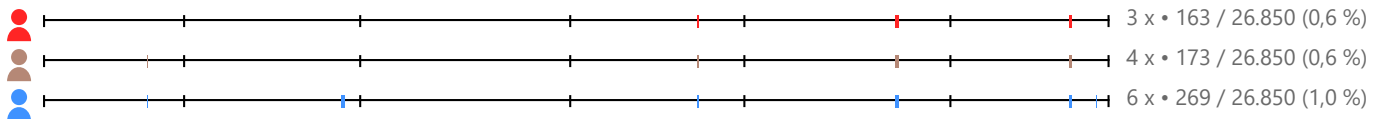
G02 continuous integration (CI) and continuous delivery/deployment (CD)



G03 remote and local over-the-air updates



G04 automated provisioning, monitoring, deployment, build, testing, maintaining



G05 bringing agile methodologies with customers



G06 servers (remote) over the air updates



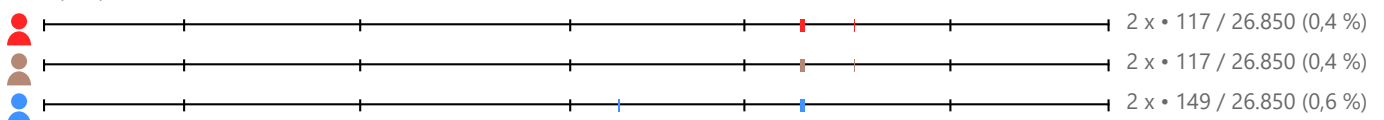
G07 https requests (remote) over the air updates



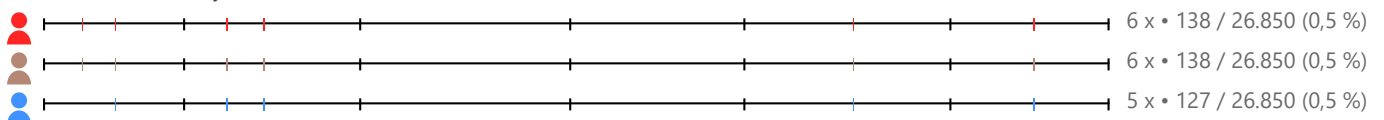
Krippendorff α_{binary} : 0,815

Semantic Domain: N01 (less) bandwidth, N02 (less/low) latency, N03 speed up communications, N04 data exchange between multiple nodes

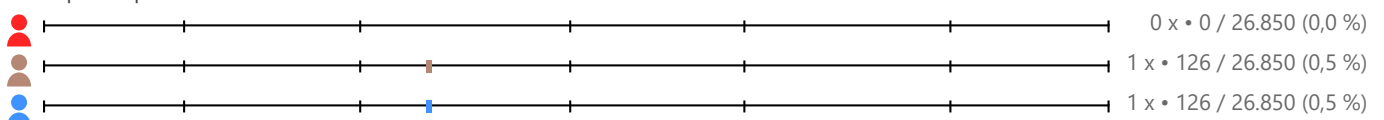
N01 (less) bandwidth



N02 (less/low) latency



N03 speed up communications



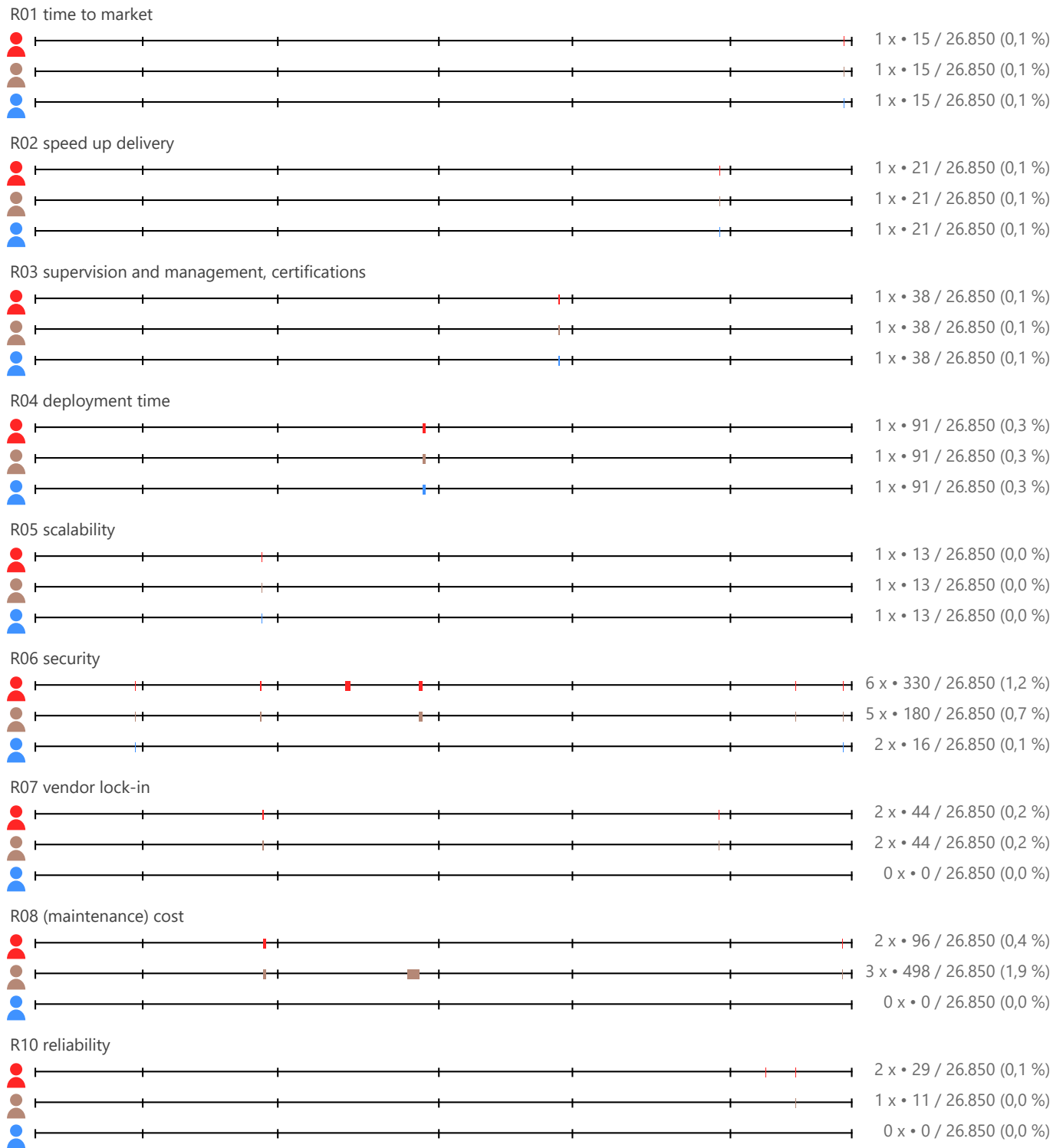
N04 data exchange between multiple nodes



Krippendorff α_{binary} : 0,781

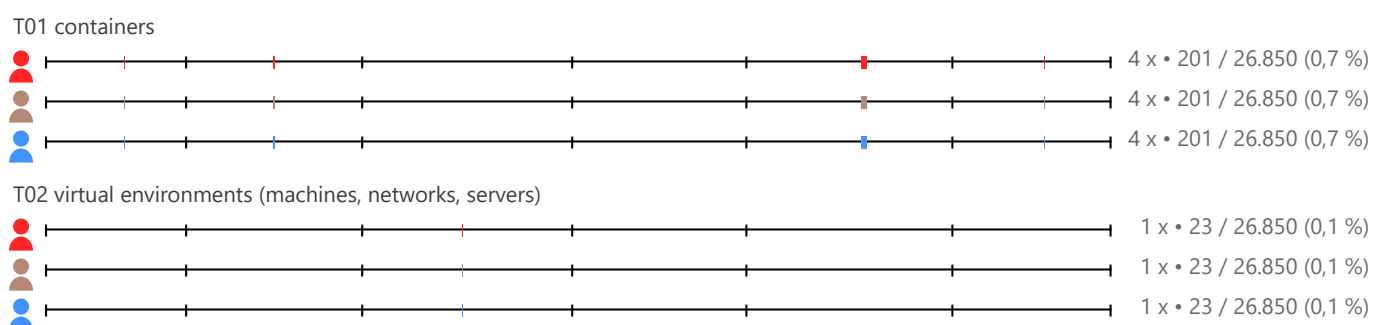
All Documents

Semantic Domain: R01 time to market, R02 speed up delivery, R03 supervision and management, certifications, R04 deployment time...



Krippendorff α_{binary} : 0,492

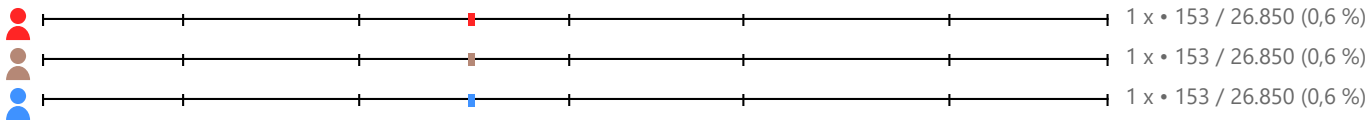
Semantic Domain: T01 containers, T02 virtual environments (machines, networks, servers), T03 downlinks of wireless communication networks.



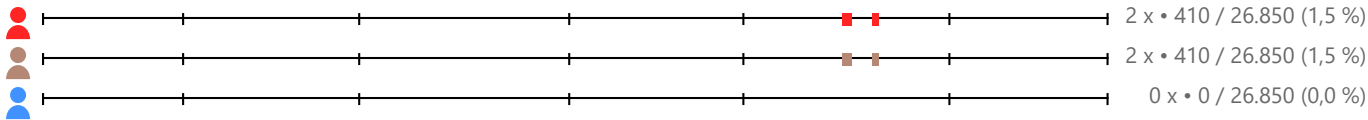
All Documents

Semantic Domain: T01 containers, T02 virtual environments (machines, networks, servers), T03 downlinks of wireless communication networks.

T03 downlinks of wireless communication networks



T04 orchestration layer



Krippendorff c_αbinary: 0,785

Krippendorff c_αbinary: 0,959