(54) **PROVIDING CONFIDENCE THRESHOLDS IN AN ANALYTICS REQUEST OR SUBSCRIPTION**

(71) Applicant: **NOKIA TECHNOLOGIES OY,** Espoo (FI)

(72) Inventors: **Tejas SUBRAMANYA**, Munich (DE); **Janne Tapio ALI-TOLPPA**, Taufkirchen (DE); **Márton KAJÓ**, Munich (DE)

(57) **ABSTRACT**

Certain example embodiments provide systems, methods, apparatuses, and computer program products for providing confidence thresholds in an analytics request or subscription. For example, certain embodiments may include a confidence threshold for each reporting threshold (e.g., quality of service (QoS) metric-specific reporting threshold) in an analytics request or subscription (e.g., a network data analytics function (NWDAF) QoS sustainability analytics request or subscription). The confidence threshold (lower bound) can be determined by the consumer application based on their individual needs, e.g., based on the cost or impact of the compensating actions on the predicted QoS sustainability notification. The confidence threshold, in combination with the reporting threshold, may define the conditions for analytics events and/or notifications (e.g., QOS sustainability prediction analytics events and the related notifications).

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